

The Lojban Dictionary

Jbovlaste

Created by G. Seth Turner

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Created by G. Seth Turner on July 8, 2010.

For comments and questions, contact me at Thirderivative@aol.com.

Introduction

This is not what some might call a complete dictionary. But it is, in a way. It contains all basic words of Lojban: every cmavo and gismu. With this list, it is possible to translate any text to or from Lojban, as well as deconstruct or recreate any lujvo. Since there are an infinite number of lujvo and cmevla, this dictionary could never be truly complete if it included them. Therefore, none have been included. For fun, and because of their utility, most of the experimental words on the electronic Jbovlaste at the time of this dictionary's creation were included. They are denoted with a preceding asterisk, as are the example entries.

I also want to mention that pretty much everything here came from Lojban.org, and is not my material. I am simply the organizer. All complaints, comments, and suggestions can be emailed to me at Thirderivative@aol.com. Or you can often find me on the Lojban IRC, under the alias "seryf".

-Seth (seryf)



Lojban to English Dictionary

Cmavo/Gismu Combined List

***gismu** [rafsi1,rafsi2,rafsi3]

meaning (mnemonic)

place structure

Comments and Comments

(continued)

***cmavo** [selma'o, rafsi] meaning

use

comments

a [A] sumti or

logical connective: sumti

afterthought or

a'a [UI1] attentive

attitudinal: attentive – inattentive –
avoiding

a'acu'i [UI*1] inattentive

attitudinal: attentive – inattentive –
avoiding

a'anai [UI*1] avoiding

attitudinal: attentive – inattentive –
avoiding

a'e [UI1] alertness

attitudinal: alertness – exhaustion

a'enai [UI*1] exhaustion

attitudinal: alertness – exhaustion

a'i [UI1] effort

attitudinal: effort – no special
effort – repose

a'icu'i [UI*1] no special effort

attitudinal: effort – no special
effort – repose

a'inai [UI*1] repose

attitudinal: effort – no special
effort – repose

a'o [UI1] hope

attitudinal: hope – despair

a'onai [UI*1] despair

attitudinal: hope – despair

a'u [UI1] interest

attitudinal: interest – disinterest –
repulsion

a'ucu'i [UI*1] disinterest

attitudinal: interest – disinterest –
repulsion

a'unai [UI*1] repulsion

attitudinal: interest – disinterest –
repulsion

abu [BY*] a

letteral for a

ai [UI1] intent

attitudinal: intent – indecision –
rejection/refusal

aicu'i [UI*1] indecision

attitudinal: intent – indecision –
rejection/refusal

ainai [UI*1] refusal

attitudinal: intent – indecision –
rejection/refusal

au [UI1] desire

attitudinal: desire – indifference –
reluctance

aucu'i [UI*1] indifference

attitudinal: desire – indifference –
reluctance

aunai [UI*1] reluctance

attitudinal: desire – indifference –
reluctance

ba [PU] after

time tense relation/direction: will
[selbri]; after [sumti]; default
future tense

ba'a [UI2] I anticipate

evidential: I expect – I experience –
I remember

ba'acu'i [UI*2] I experience

evidential: I expect – I experience –
I remember

ba'anai [UI*2] I remember

evidential: I expect – I experience –
I remember

ba'e [BAhE] emphasize next

forethought emphasis indicator;
indicates next word is especially
emphasized

ba'i [BAI] replaced by

basti modal, 1st place

ba'o [ZAhO] perfective

interval event contour: in the
aftermath of ...; since ...; perfective
| |----

***ba'oi** [ROI] possible future

Converts PA into tense; in [number
(usually nonspecific)] possible
futures where [sumti (du'u)] is true
Possible futures, given the actual
past and present; what might
happen.

ba'u [UI3] exaggeration

discursive: exaggeration – accuracy
– understatement

ba'ucu'i [UI*3] accuracy

discursive: exaggeration – accuracy
– understatement

ba'unai [UI*3] understatement

discursive: exaggeration – accuracy
– understatement

baba [PU*] will be going to

time tense: will be going to;
(tense/modal)

backa'a [PU*] will actually
time tense: future actuality; modal
aspect

backa'o [ZAHO*] will be then
time tense: will be then;
(tense/modal)

bacru [ba'u] utter
x1 utters verbally/says/
phonates/speaks [vocally makes
sound] x2
[also voices; does not necessarily
imply communication or audience;
('says' is usually cusku)];

badna [] banana
x1 is a banana/plantain [fruit/plant]
of species/breed x2

badri [dri] sad
x1 is sad/depressed/
dejected/[unhappy/feels
sorrow/grief] about x2
(abstraction)

bai [BAI] compelled by
bapli modal, 1st place (forced by)
forcedly; compelled by force ...

bajra [baj] run
x1 runs on surface x2 using limbs
x3 with gait x4

bakfu [baf] bundle ('pack')

x1 is a bundle/package/
cluster/clump/pack [shape/form]
containing x2, held together by x3

bakni [bak] bovine ('ox')
x1 is a cow/cattle/
kine/ox/[bull/steer/calf] [beef-
producer/bovine] of species/breed
x2

bakri [] chalk
x1 is a quantity of/contains/is
made of chalk from source x2 in
form x3

baktu [] bucket
x1 is a bucket/pail/can/deep, solid,
wide-topped container of contents
x2, made of material x3

balji [] bulb ('bulge')
x1 is a bulb [body-part] of
plant/species x2; [metaphor:
rounded, bulgy]

balni [] balcony
x1 is a balcony/overhang/
ledge/shelf of building/structure x2

balre [ba'e] blade
x1 is a blade of tool/weapon x2

balvi [bav] future ('later')
x1 is in the future of/later
than/after x2 in time sequence; x1
is latter; x2 is former
[also sequel, succeed, successor,
follow, come(s) after; time ordering

only (use lidne otherwise); aorist in that x1 may overlap in time with x2 as long as it extends afterwards; non-aorist future (= cfabalvi); (default x2 is the space time reference, whereupon:) x1 will occur];

***bambu** [] bamboo ('bamboo') x1 is a bamboo (Bambuseae) of genus/species x2.

bancu [bac] beyond x1 exceeds/is beyond limit/boundary x2 from x3 in property/amount x4 (ka/ni) [on the other side of a bound, but not necessarily directly 'across' nor at the shortest plausible distance (per ragve); also not limited to position in space];

bandu [bad] defend x1 (event) defends/protects x2 (object/state) from threat/peril/potential x3 (event) [also secures (verb); x1 wards/resists x3; protective cover/shield (= badgai)];

banfi [] amphibian x1 is an amphibian of species/breed x2

bangu [ban,bau] language x1 is a/the language/dialect used by x2 to express/communicate x3 (si'o/du'u, not quote)

[also tongue];

banli [bal,ba'i] great ('grand') x1 is great/grand in property x2 (ka) by standard x3 [indicates a subjective greatness, as compared to the objective standard implied for barda; (synonyms, possibly requiring tanru:) extraordinary, illustrious, magnificent, impressive, awesome, grandiose, august, inspiring, special, majestic, distinguished, eminent, splendor, stately, imposing (all generally zabna); terrible (mabla)];

banro [ba'o] grow x1 grows/expands [an increasing development] to size/into form x2 from x3 [also rising, developing; x1 gets bigger/enlarges/increases];

banxa [bax] bank x1 is a bank owned by/in banking system x2 for banking function(s) x3 (event)

banzu [baz] suffice x1 (object) suffices/is enough/sufficient for purpose x2 under conditions x3

bapli [bap,bai] force ('compel') x1 [force] (ka) forces/compels event x2 to occur; x1 determines property x2 to manifest



[also constrains; requires success, unlike the physics term (better expressed by danre)];

babu [PU*] will have been
time tense: will have been;
(tense/modal)

barda [bra] big ('large')
x1 is big/large in
property/dimension(s) x2 (ka) as
compared with standard/norm x3

bargu [bag] arch
x1 arches/curves over/around x2
and is made of x3; x1 is an arch
over/around x2 of material x3
[also arc; x2 need not be an object,
but may be a point or volume];

barja [] bar
x1 is a tavern/bar/pub serving x2 to
audience/patrons x3

barna [ba'a] mark
x1(s) is a/are mark(s)/spot(s) on x2
of material x3
[ba'armo'a for a pattern of marks];

bartu [bar] out
x1 is on the outside of x2; x1 is
exterior to x2

basna [] emphasize ('accent')
x1 emphasizes/accentuates/ gives
emphasis/stress/accent to x2 by
(action) x3
[also: say forcefully]

***basfa** [] bus ('bus')
x1 is an omnibus for carrying x2,
propelled by x3.

basti [bas] replace ('substitute')
x1 replaces/substitutes for/instead
of x2 in circumstance x3; x1 is a
replacement/substitute
[also: x1 trades places with x2];

batci [bat] bite
x1 bites/pinches x2 on/at specific
locus x3 with x4
[bite through (= ka'arbatci,
batygre); pinch (= cinzybatci)];

batke [] button
x1 is a button/knob/[handle]
on/for item x2, with purpose x3,
made of material x4

bau [BAI] in language
bangu modal, 1st place

bavmi [] barley
x1 is a quantity of barley [grain] of
species/strain x2

baxso [] Malay-Indonesian
('Bahasa')
x1 reflects Malay-Indonesian
common language/culture in
aspect x2

be [BE] link sumti
sumti link to attach sumti (default
x2) to a selbri; used in descriptions

be'a [FAhA1] north of
location tense relation/direction;
north of

be'e [COI] request to send
vocative: request to send/speak

be'i [BAI] sent by
benji modal, 1st place (sender)

be'o [BEhO] end linked sumti
elidable terminator: end linked
sumti in specified description

be'u [UI5] lack
attitudinal modifier: lack/need –
presence/satisfaction – satiation

be'ucu'i [UI*5] presence
attitudinal modifier: lack/need –
presence/satisfaction – satiation

be'unai [UI*5] satiation
attitudinal modifier: lack/need –
presence/satisfaction – satiation

bebna [beb] foolish ('boob')
x1 is foolish/silly in
event/action/property [folly] (ka)
x2; x1 is a boob

bei [BEI] link more sumti
separates multiple linked sumti
within a selbri; used in descriptions

bemro [bem,be'o] North American

x1 reflects North American
culture/nationality/geography in
aspect x2

bende [bed,be'e] crew ('band')
x1 is a crew/team/gang/
squad/band of persons x2
directed/led by x3 organized for
purpose x4
(x1 is a mass; x2 is a set completely
specified); [also orchestra (= *zgibe'e*, *balzgibe'e*), outfit; x3
conductor; business, not
necessarily incorporated (= *cajbe'e*,
venbe'e)];

bengo [beg] Bengali
x1 reflects Bengali/ Bangladesh
culture/ nationality/language in
aspect x2

benji [bej,be'i] transfer ('send')
x1 transfers/sends/transmits x2 to
receiver x3 from transmitter/origin
x4 via means/medium x5
[also possibly sharing; no
(complete) alienation from origin is
implied]; [x5 carrier];

benzo [] aromatic chemical
(('benzene'))
x1 is an aromatic chemical of type
x2.

bersa [bes,be'a] son
x1 is a son of mother/father/
parents x2 [not necessarily
biological]

[also filial];

berti [ber] north

x1 is to the north/northern side
[right-hand-rule pole] of x2
according to frame of reference x3

besna [ben] brain

x1 is a/the brain [body-part] of x2;
[metaphor: intelligence, mental
control]
[also cerebral];

betfu [bef,be'u] abdomen ('belly')

x1 is a/the abdomen/belly/ lower
trunk [body-part] of x2; [metaphor:
midsection]
[also stomach (= djaruntyrango),
digestive tract (= befctirango,
befctirangyci'e)];

betri [bet] tragedy ('tragic')

x1 is a tragedy/disaster/tragic for
x2

bevri [bev,bei] carry ('bear')

x1 carries/hauls/bears/ transports
cargo x2 to x3 from x4 over path
x5; x1 is a carrier/[porter]
[alienation from x2 to x3 is
implied];

bi [PA1,biv] 8

digit/number: 8 (digit) [eight]

bi'e [BIhE] hi priority operator

prefixed to a mex operator to
indicate high priority

bi'i [BIhI,biz] unordered interval

non-logical interval connective:
unordered between ... and ... (rafsi
represents any interval)

bi'o [BIhI] ordered interval

non-logical interval connective:
ordered from ... to ...

bi'u [UI3a] new information

discursive: newly introduced
information – previously
introduced information

bi'unai [UI*3] old information

discursive: newly introduced
information – previously
introduced information

bidju [] bead

x1 is a bead/pebble [shape/form]
of material x2

bifce [bic] bee

x1 is a bee/wasp/hornet of
species/breed x2

biki'o [PA*] 8,000

number/quantity: 8,000 expressed
with comma

bikla [bik] whip ('beat, lash')

x1 whips/lashes/snaps [a sudden
violent motion]

bilga [big] obliged

x1 is bound/obliged to/has the duty to do/be x2 in/by standard/agreement x3; x1 must do x2
[also x3 frame of reference];

bilma [bi'a] ill

x1 is ill/sick/diseased with symptoms x2 from disease x3

bilni [bil] military

x1 is military/regimented/is strongly organized/prepared by system x2 for purpose x3
[also paramilitary; soldier in its broadest sense – not limited to those trained/organized as part of an army to defend a state (= bilpre)];

bimei [MOI*] is a octet

quantifier selbri: convert 8 to cardinal selbri; x1 is a set with the octet of members x2

bimoi [MOI*] is eighth among

quantified selbri: convert 8 to ordinal selbri; x1 is eighth among x2 ordered by rule x3

bindo [bid] Indonesian

x1 reflects Indonesian culture/nationality/language in aspect x2

binu [PA*] 80

number/quantity: 80 [eighty]

binono [PA*] 800

number/quantity: 800 [eight hundred]

binonovo [PA*] 8004

number/quantity: 8004, without comma

binra [] insure

x1 insures/indemnifies x2 (person) against peril x3 (event) providing benefit(s) x4 (event)
[also x3 loss; sell/purchase insurance (= binryve'u), premium (= binrydi'a, or binryvelve'u)];

binxo [bix,bi'o] become

x1 becomes/changes/converts/transforms into x2 under conditions x3
[resultative, not-necessarily agentive, change];

birje [] beer

x1 is made of/contains/is a amount of beer/ale/brew brewed from x2

birka [bir] arm

x1 is a/the arm [body-part] of x2; [metaphor: branch with strength]
[also elbow (= bircidni), wrist (= xanterjo'e), appendage (but jimca, rebla preferred)];

birti [bit] certain

x1 is certain/sure/positive/convinced that x2 is true

bisli [bis] ice

x1 is a quantity of/is made of/contains ice [frozen crystal] of composition/material x2 [composition including x2, which need not be a complete composition];

bitmu [bim,bi'u] wall

x1 is a wall/fence separating x2 and x3 (unordered) of/in structure x4

blabi [lab] white

x1 is white/very-light colored [color adjective]
[pale forms of other colors are a compound of white; e.g. pink (= labyxu'e, xunblabi) (whereas kandi is used for pale = dimness, lack of intensity)];

blaci [] glass

x1 is a quantity of/is made of/contains glass of composition including x2

blanu [bla] blue

x1 is blue [color adjective]

bliku [bli] block

x1 is a block [3-dimensional shape/form] of material x2, surfaces/sides x3 [x3 sides/surfaces should include number, size, and shape; also polyhedron (= pitybli having flat/planar sides/surfaces)], regular

polyhedron (= kubybli, blikubli),
brick (= kitybli);

bloti [lot,blo,lo'i] boat

x1 is a boat/ship/vessel [vehicle] for carrying x2, propelled by x3

bo [BO,bor] short scope link

short scope joiner; joins various constructs with shortest scope and right grouping

boi [BOI] end number or lерfu

elidable terminator: terminate numeral or letteral string

bolci [bol,boi] ball

x1 is a ball/sphere/orb/globe [shape/form] of material x2; x1 is a spherical object [made of x2] [also round];

bongu [bog,bo'u] bone

x1 is a/the bone/ivory [body-part], performing function x2 in body of x3; [metaphor: calcium] [x2 is likely an abstract: may be structure/support for some body part, but others as well such as the eardrum bones; the former can be expressed as (tu'a le <body-part>); cartilage/gristle (= ranbo'u), skeleton (= bogygreku)];

botpi [bot,bo'i] bottle

x1 is a bottle/jar/urn/flask/closable container for x2, made of material x3 with lid x4

boxfo [bof,bo'o] sheet ('foil')
x1 is a sheet/foil/blanket [2-dimensional shape/form flexible in 3 dimensions] of material x2

boxna [bon,bo'a] wave
x1 is a wave [periodic pattern] in medium x2, wave-form x3, wave-length x4, frequency x5

bradi [] enemy ('adversary')
x1 is an enemy/opponent/adversary/foe of x2 in struggle x3

bratu [] hail
x1 is hail/sleet/freezing rain/solid precipitation of material/composition including x2 [this is the substance, not the act or manner of its falling, which is carvi];

brazo [raz] Brazilian
x1 reflects Brazilian culture/nationality/language in aspect x2

bređi [red,bre] ready
x1 is ready/prepared for x2 (event)

bridi [bri] predicate
x1 (text) is a predicate relationship with relation x2 among arguments (sequence/set) x3
[also: x3 are related by relation x2 (= terbri for reordered places)]; (x3 is a set completely specified);

brife [bif,bi'e] breeze
x1 is a breeze/wind/gale from direction x2 with speed x3; x1 blows from x2

briju [bij] office ('bureau')
x1 is an office/bureau/work-place of worker x2 at location x3

brito [rit] British
x1 reflects British/United Kingdom culture/nationality in aspect x2

broda [rod] predicate var 1
1st assignable variable predicate (context determines place structure)

brode [bo'e] predicate var 2
2nd assignable variable predicate (context determines place structure)

brođi [] predicate var 3
3rd assignable variable predicate (context determines place structure)

brodo [] predicate var 4
4th assignable variable predicate (context determines place structure)

brođu [] predicate var 5
5th assignable variable predicate (context determines place structure)

bruna [bun,bu'a] brother
x1 is brother of/fraternal to x2 by
bond/tie/standard/ parent(s) x3;
[not necess. biological]

bu [BU,bus,bu'i] word to lerfu
convert any single word to BY

bu'a [GOhA,bul] some selbri 1
logically quantified predicate
variable: some selbri 1

bu'e [GOhA] some selbri 2
logically quantified predicate
variable: some selbri 2

bu'i [GOhA] some selbri 3
logically quantified predicate
variable: some selbri 3

bu'o [UI7] start emotion
attitudinal contour: start emotion –
continue emotion – end emotion

bu'ocu'i [UI*7] continue emotion
attitudinal contour: start emotion –
continue emotion – end emotion

bu'onai [UI*7] end emotion
attitudinal contour: start emotion –
continue emotion – end emotion

bu'u [FAhA3] coincident with
location tense relation/ direction;
coincident with/at the same place
as; space equivalent of ca

budjo [buj,bu'o] Buddhist
x1 pertains to the Buddhist
culture/religion/ethos in aspect x2

bukpu [buk,bu'u] cloth
x1 is an amount of cloth/fabric of
type/material x2

bumru [bum] fog
x1 is foggy/misty/covered by a
fog/mist/vapor of liquid x2

bunda [bud] pound
x1 is x2 (def. 1) local weight unit(s)
[non-metric], standard x3, subunits
[e.g. ounces] x4
(additional subunit places may be
added as x5, x6, ...);

bunre [bur,bu'e] brown
x1 is brown/tan [color adjective]

burcu [bru] brush
x1 is a brush for purpose x2 (event)
with bristles x3

burna [] embarrassed
x1 is embarrassed/
disconcerted/flustered/ill-at-ease
about/under conditions x2
(abstraction)

by [BY2] b
letteral for b

ca [PU] during

time tense relation/direction: is
[selbri]; during/ simultaneous with
[sumti]; present tense

ca ma [PU*] when?

sumti question asking for a
time/date/event; simultaneous
with what?)

ca'a [CAhA,caz] actually is
modal aspect: actuality/ongoing
event

ca'e [UI2] I define
evidential: I define

ca'i [BAI] by authority of
catni modal, 1st place

ca'o [ZAhO] continuative
interval event contour: during ...;
continuative
|----|

ca'u [FAhA2] in front of
location tense relation/direction;
forwards/to the front of ...

caba'o [ZAhO*] has been
time tense: has been, is now in the
aftermath of; (tense/modal)

cabna [cab] now
x1 is current at/in the present
of/during/concurrent/simultaneous
with x2 in time
[(default x2 is the present resulting
in:); x1 is now; time relationship

only, 'aorist' claiming simultaneity
does not mean one event does not
extend into the past or future of
the other]

cabra [ca'a] apparatus
x1 is apparatus/mechanism
device/equipment for function x2
controlled/ [triggered] by x3
(agent)
[form determined by/from
function; does not imply
automated/automatic action –
requires an external agent/trigger
(a minji may be a zmiku cabra if it
requires an external agent to
trigger or control the functions that
it performs automatically)];

caca'a [PU*] currently is
time tense: present actuality;
modal aspect

caca'o [ZAhO*] is now
time tense: is now/ simultaneously,
is now in the middle of;
(tense/modal)

cacra [] hour
x1 is x2 hours in duration (default is
1 hour) by standard x3

cadzu [dzu] walk
x1 walks/strides/paces on surface
x2 using limbs x3

cafne [caf] often

x1 (event) often/frequently/
commonly/customarily
occurs/recurs by standard x2

***cagna** [] wound

x1 is an open/closed wound on
locus x2 caused by x3.

cai [CAI] intense emotion
attitudinal: strong intensity
attitude modifier

cajeba [PU*] during and after
time tense: during and after;
(tense/modal)

cakla [] chocolate

x1 is made of/contains/is a
quantity of chocolate/cocoa

calku [cak] shell

x1 is a shell/husk [hard, protective
covering] around x2 composed of
x3

canci [] vanish

x1 vanishes/disappears from
location x2; x1 ceases to be
observed at x2 using senses/sensor
x3

[also leaves, goes away (one
sense)];

cando [cad] idle

x1 is idle/at rest/inactive
[in motion, not implying a change
in location, is negation of this];

cange [cag] farm ('grange,
agrarian')

x1 is a farm/ranch at x2, farmed by
x3, raising/ producing x4;
(adjective:) x1 is agrarian
[also grange; farming is any
organized agrarian activity, not
limited to plant crops];

canja [caj] exchange

x1 exchanges/trades/barters
commodity x2 for x3 with x4; x1, x4
is a trader/merchant/ businessman
[also (adjective:) x1, x2, x4 is/are
commercial (better expressed as ka
canja, kamcanja)]; x2/x3 may be a
specific object, a commodity
(mass), an event (possibly service),
or a property; pedantically, for
objects/commodities, this is sumti-
raising from ownership of the
object/commodity (= posycanja for
unambiguous semantics);

canko [ca'o] window

x1 is a window/portal/ opening
[portal] in wall/building/structure
x2

canlu [cal,ca'u] space ('volume')

x1 is space/volume/ region/room
[at-least-3-dimensional area]
occupied by x2
[also occupy (= selca'u)]

canpa [cna] shovel

x1 is a shovel/spade [bladed
digging implement] for digging x2

canre [can] sand

x1 is a quantity of/contains/is made of sand/grit from source x2 of composition including x3 [also abrasive (= gukcanre)];

canti [] gut ('entrails')

x1 is a/the gut(s)/entrails/intestines/viscera/innards/digestive system [body-part] of x2 [metaphor: process hub];

capu'o [ZAHO*] is going to time tense: is going to, is now just about to, is now anticipating; (tense/modal)

carce [] cart

x1 is a cart/carriage/wagon [wheeled vehicle] for carrying x2, propelled by x3

carmi [cam,cai] intense

x1 is intense/bright/saturated/brilliant in property (ka) x2 as received/measured by observer x3 [also lustrous, gleaming, sparkling, shining (all probably better metaphorically combined with gusni: gusycai or camgu'i); in colors, refers principally to increased saturation (with opposite kandi)];

carna [car] turn

x1 turns/rotates/revolves around axis x2 in direction x3 [also revolve (= jincarna)];

cartu [cat] chart

x1 is a chart/diagram/map of/about x2 showing formation/data-points x3

carvi [cav] rain

x1 rains/showers/ [precipitates] to x2 from x3; x1 is precipitation [not limited to 'rain']

casnu [snu] discuss

x1(s) (mass normally, but 1 individual/jo'u possible) discuss(es)/talk(s) about topic/subject x2 [also chat, converse];

catke [ca'e] shove

x1 [agent] shoves/pushes x2 at locus x3 [move by pushing/shoving (= ca'ermuvgau)];

catlu [cta] look

x1 looks at/examines/views/inspects/regards/watches/gazes at x2 [also look through (= grecta, ravyccta, bacyccta); note that English look often means a more generic observe];

catni [ca'i] authority

x1 has authority/is an official
in/on/over matter/sphere/ persons
x2 derived on basis x3

catra [] kill ('slaughter')

x1 (agent) kills/slaughters/murders
x2 by action/method x3

cau [BAI] lacked by
claxu modal, 1st places

caxno [cax] shallow

x1 is shallow in extent in
direction/property x2 away from
reference point x3 by standard x4

ce [JOI,cec] in a set with
non-logical connective: set link,
unordered; and also, but forming a
set

ce'a [LAU] font shift

2-word letteral/shift: the word
following indicates a new font (e.g.
italics, manuscript)

ce'e [CEhE] afterthought termset
links terms into an afterthought
termset

ce'i [PA3,cez] percent
digit/number: % percentage
symbol, hundredths

ce'o [JOI,ce'o] in a sequence with
non-logical connective: ordered
sequence link; and then, forming a
sequence

ce'u [KOhA8] lambda

pseudo-quantifier binding a
variable within an abstraction that
represents an open place

cecla [cel,ce'a] launcher

x1 launches/fires/shoots
projectile/missile x2, propelled by
x3 [propellant/propulsion]
[also: x1 is a gun/launcher/cannon;
x1 hurls/throws/casts (more
general than renro in that
propulsion need not be internal to
x1)];

cecmu [cem,ce'u] community

x1 is a community/colony of
organisms x2

cedra [] era

x1 is an era/epoch/age
characterized by x2
(event/property/ interval/idea)
(x2 interval should be the defining
boundaries; if merely a
characterizing period, the nature of
the interval should be expressed in
an abstract bridi, or the interval
should be marked with tu'a; x2
may also be characteristic object(s)
or practices of the era, if marked
with tu'a);

cei [CEI] pro-bridi assign

selbri variable assignment; assigns
broda series pro-bridi to a selbri

cenba [cne] vary

x1 varies/changes in

property/quantity x2 (ka/ni) in

amount/degree x3 under

conditions x4

[non-resultative, not-necessarily

agentive change];

censa [ces] holy ('sacred')

x1 is holy/sacred to

person/people/culture/religion/cul

t/group x2

centi [cen] .01 (metric 'centi')

x1 is a hundredth [1/100; $1 \times 10^{** - 2}$]

of x2 in dimension/aspect x3

(default is units)

cerda [ced] heir

x1 is an heir to/is to inherit x2

(object/quality) from x3 according

to rule x4

[pedantically, inheriting an object

should be a sumti-raising (tu'a if

non-abstract in x2) of inheriting

loka ponse the object – the

ownership of the object (=

posycerda, posyselcerda for

unambiguous semantics)];

cerni [cer] morning

x1 is a morning [dawn until after

typical start-of-work for locale] of

day x2 at location x3

[this morning (= cabdeicerni);

tomorrow morning (=

bavlamcerni); yesterday morning (=

prulamcerni, prulamdeicerni)]

certu [cre] expert

x1 is an expert/pro/has prowess

in/is skilled at x2 (event/activity) by

standard x3

[also competent, skilled];

cevni [cev,cei] god ('divinity')

x1 is a/the god/deity of

people(s)/religion x2 with

dominion over x3 [sphere]; x1 is

divine

[also divinity; x2 religion refers to

the religious community as a

mass];

cfari [cfa] initiate

x1 [state/event/process]

commences/initiates/starts/begins

to occur; (intransitive verb)

cfika [fik,fi'a] fiction

x1 is a work of fiction about

plot/theme/subject x2/under

convention x2 by author x3

[also story, lie, untrue];

cfila [cfi] flaw

x1 (property – ka) is a

flaw/fault/defect in x2 causing x3

cfine [] wedge

x1 is a wedge [shape/form/tool] of

material x2

cfipu [fi'u] confusing

x1 (event/state) confuses/baffles
x2 [observer] due to [confusing]
property x3 (ka)

ci [PA1,cib] 3
digit/number: 3 (digit) [three]

ci'e [BAI] in system
ciste modal, 1st place used in scalar
negation
in system/context ...

ci'i [PA5] infinity
digit/number: infinity; followed by
digits => aleph cardinality

ci'iroi [ROI*] infinite times
tense interval modifier: occurs
infinite times, eternally; objective
tense; defaults as time

ci'o [BAI] emotionally felt by
cinmo modal, 1st place

ci'u [BAI] on the scale
ckilu modal, 1st place

ciblu [blu] blood
x1 is blood/vital fluid of organism
x2

cicna [] cyan
x1 is cyan/turquoise/greenish-blue
[color adjective]

cidja [dja] food ('feed')
x1 is food/feed/nutrient for x2;
x1 is edible/gives nutrition to x2

cidni [cid] knee
x1 is a/the knee/elbow/ knuckle
[hinged joint, body-part] of limb x2
of body x3
[metaphor: a sharp bend/curve]

cidro [dro] hydrogen
x1 is a quantity of/contains/is
made of hydrogen (H); [metaphor:
light, flammable]

cifnu [cif] infant
x1 is an infant/baby [helpless
through youth/incomplete
development] of species x2
[also infantile];

cigla [cig] gland
x1 is a/the gland [body-part]
secreting x2, of body x3; x2 is a
secretion of x1
[secretion (= selcigla)];

ciki'o [PA*] 3,000
number/quantity: 3,000 expressed
with comma

cikna [cik] awake
(adjective:) x1 is
awake/alert/conscious

cikre [] repair ('fix')
x1 repairs/mends/fixes x2 for use
x3
[a repair may be incomplete, fixing
only one of the possible uses of x2,
hence x3];

ciksi [cki] explain

x1 (person) explains x2
(event/state/property) to x3 with
explanation x4 (du'u)

[explanation x4 is an underlying
mechanism/
details/purpose/method for x2 (= *velcki* for reordered places),
generally assumed to be non-
obvious; metaphorical usage with
the various causal relations (i.e. *jalge, mukti, krinu, rinka, nibli, zukte*) is possible, but the non-
obviousness, and the existence of
an explainer with a point of view
makes this word not a simple
expression of cause];

cilce [cic] wild

(adjective:) x1 is wild/untamed
[tame (= *tolcilce*)];

cilmo [cim] moist

x1 is moist/wet/damp with liquid
x2

cilre [cli] learn

x1 learns x2 (du'u) about subject x3
from source x4 (obj./event) by
method x5 (event/process)

cilta [cil] thread ('filament')

x1 is a thread/filament/wire
[shape/form] of material x2

cimde [] dimension

x1 (property – ka) is a dimension of
space/object x2 according to
rules/model x3

cimei [MOI*] is a trio

quantifier selbri: convert 3 to
cardinal selbri; x1 is a set with the
trio of members x2

cimni [] infinite

x1 is infinite/unending/ eternal in
property/dimension x2, to degree
x3 (quantity)/of type x3
[also everlasting, eternity, (= *cimnytei*), eternal (= *cimnyteikai* or *temcimni*)]

cimoi [MOI*] is third among

quantified selbri: convert 3 to
ordinal selbri; x1 is third among x2
ordered by rule x3

cinba [] kiss ('buss')

x1 (agent) kisses/busses x2 at locus
x3

cindu [] oak

x1 is an oak, a type of tree of
species/strain x2

cinfo [] lion

x1 is a lion/[lioness] of
species/breed x2

cinje [cij] wrinkle

x1 is a wrinkle/crease/fold
[shape/form] in x2

cinki [] insect

x1 is an insect/arthropod of species x2;
x2; [bug/beetle]

cinla [] thin ('lean')

x1 is thin in direction/dimension x2
by standard x3; [relatively short in
smallest dimension]

cinmo [cni] emotion

x1 feels emotion x2 (ka) about x3
[also mood/humor (= nunci)];

cinno [PA*] 30

number/quantity: 30 [thirty]

cinono [PA*] 300

number/quantity: 300 [three
hundred]

cinri [ci'i] interesting ('interests')

x1 (abstraction) interests/is
interesting to x2; x2 is interested in
x1

[use x1 tu'a for non-specific
interest in an object; interested in
(= selci'i)];

cinse [cin] sexual

x1 in activity/state x2 exhibits
sexuality/gender/sexual
orientation x3 (ka) by standard x4
[also: x1 courts/flirts; x3 could be a
ka[gender or role], ka[attraction to
a gender], or ka[type of activity],
etc.; (adjective:): x1 is sexual/sexy;
x1 is flirted with/courted by x2 (=
cinfriti, cinjikca)];

cinta [] paint

x1 [material] is a paint of
pigment/active substance x2, in a
base of x3

cinza [] tongs

x1 is a/are tong(s)/chopsticks/
pincers/tweezers/pliers [tool/body-
part] for x2 to pinch x3

cipni [cpi] bird

x1 is a bird/avian/fowl of species x2

cipra [cip] test ('proof')

x1 (process/event) is a test
for/proof of property/state x2 in
subject x3 (individ./set/mass)
[also examination, proxy measure,
validation; (a set in x3 must be
completely specified)];

cirko [cri] lose

x1 loses person/thing x2 at/near
x3; x1 loses property/feature x2 in
conditions/situation x3
[x2 may be a specific object, a
commodity (mass), an event (rare
for cirko), or a property;
pedantically, for
objects/commodities, this is sumti-
raising from ownership of the
object/commodity (= po'ecri,
posyselcri for unambiguous
semantics)];

cirla [] cheese

x1 is a quantity of/contains
cheese/curd from source x2

ciroi [ROI*] thrice

tense interval modifier: thrice;
objectively quantified tense;
defaults as time tense

ciska [ci'a] write ('scribe')

x1 inscribes/writes x2 on
display/storage medium x3 with
writing implement x4; x1 is a scribe
[also x3 writing surface];

cisma [] smile

x1 smiles/grins (facial expression)
[smile/grin at something (= cismyfra)];

***cisni** [] size

x1 is of size/measurement x2 in
dimension/aspect x3

ciste [ci'e] system

x1 (mass) system interrelated by
structure x2 among components x3
(set) displaying x4 (ka)
[x1 (or x3) is synergistic in x4; also
network; x2 also relations, rules; x3
also elements (set completely
specified); x4 systemic
functions/properties]

citka [cti] eat

x1 eats/ingests/consumes
(transitive verb) x2

citno [cit,ci'o] young ('junior')

x1 is young/youthful [relatively
short in elapsed duration] by
standard x2

[also age (= nilnalci'o); (adjective):
x1 is junior];

citri [cir] history

x1 is a history of x2 according to x3
(person)/from point-of-view x3
[also historic/historical (= cirtermo'i, cirvai)];

citsi [] season

x1 is a season/is seasonal [cyclical
interval], defined by
interval/property x2, of year(s) x3
[also anniversary (= citysdei,
na'arcitsydei), jubilee (= mumnoncitsi); the period of time
may be short or long as indicated
by x2, and may occur every year or
every nth year as indicated by x3
(default every year); (x2 and/or x3
may need metaphorical restriction:
djecitsi, pavdeicitsi; also equinox,
solstice, time of year];

civla [civ] louse

x1 is a louse/flea [blood-sucking
arthropod] of species/breed x2,
parasitic on x3

cizra [ciz] strange ('bizarre')

x1 is strange/weird/
deviant/bizarre/odd to x2 in
property x3 (ka)
[also alien, mysterious, deviant,
queer, unusual, exotic];

ckabu [] rubber

x1 is a quantity of/contains/is made of rubber/latex from source
x2 of composition including x3

ckafi [kaf] coffee

x1 is made of/contains/is a quantity of coffee from source/bean/grain x2
[brew based on a seed/bean/ grain; e.g. also chicory coffee, decaf, postum]

ckaji [kai] quality

x1 has/is characterized by property/feature/trait/aspect/dimension x2 (ka); x2 is manifest in x1
[manifested/property/quality/trait/feature/aspect (= selkai)];

ckana [cka] bed

x1 is a bed/pallet of material x2 for holding/supporting x3
(person/object/event)

ckape [cap] peril

x1 is perilous/dangerous/potentially harmful to x2 under conditions x3
[x1 is a danger/peril to x2];

ckasu [cas] ridicule ('scoff')

x1 ridicules/mocks/scoffs at x2 about x3 (property/event) by doing activity x4 (event)

ckaji [kej,cke] ashamed

x1 feels ashamed/mortified/humiliated under conditions x2 before community/ audience x3

ckiku [kik] key

x1 is a key fitting/releasing/opening/unlocking lock x2, and having relevant properties x3
[also x2 fastener, mechanism; code key (= termifckiku, kiktermifra)]; x3 is dependent on the type of key, but are those form properties of the key that enable it to serve the function of opening the lock – in the case of a metal key to a padlock, for example, this would be the shaft and teeth];

ckilu [ci'u] scale

x1 (si'o) is a scale of units for measuring/observing/determining x2 (state)

ckini [ki'i] related ('akin, kin')

x1 is related to/associated with/akin to x2 by relationship x3

ckire [kir] grateful

x1 is grateful/thankful to/appreciative of x2 for x3 (event/property)
[also gratitude (= nunckire or kamckire)];

ckule [kul,cu'e] school

x1 is school/institute/ academy at x2 teaching subject(s) x3 to

audien./commun. x4 operated by x5

[also college, university];

ckunu [ku'u] conifer ('cone')

x1 is a conifer/pine/fir of species/strain x2 with cones x3

cladu [lau] loud

x1 is loud/noisy at observation point x2 by standard x3

clani [cla] long

x1 is long in dimension/ direction x2 (default longest dimension) by measurement standard x3

claxu [cau] without ('lack')

x1 is without/lacking/free of/lacks x2; x1 is x2-less

clika [] mossy

x1 is a moss/lichen of species/strain x2 growing on x3; (adjective:) x1 is mossy

clira [lir] early

x1 (event) is early by standard x2

clite [lit] polite

x1 is polite/courteous/civil in matter x2 according to standard/custom x3 [also formal, ritual];

cliva [liv,li'a] leave

x1 leaves/goes

away/departs/parts/separates

from x2 via route x3

[also: x1 leaves behind/takes leave of x2];

clupa [cup] loop

x1 is a loop/circuit of x2 [material] [also noose (= skoclupa, saljgeclupa; there is no indication of shape, but merely that the ends join/meet); closed curve defined by set of points (= cuptai)];

cmaci [] mathematics

x1 is a mathematics of type/describing x2

cmalu [cma] small

x1 is small in property/ dimension(s) x2 (ka) as compared with standard/norm x3

cmama [ma'a] mountain

x1 is a mountain/hill/mound/ [rise]/[peak]/[summit]/[highlands] projecting from land mass x2

cmavo [ma'o] structure word

x1 is a structure word of grammatical class x2, with meaning/function x3 in usage (language) x4 [x4 may be a specific usage (with an embedded language place) or a massified language description; x3 and x4 may be merely an example of cmavo usage or refer to an

actual expression; cmavo list, if physical object (= (loi) ma'oste); referring to the mental construct (e.g. propose adding a new cmavo to the cmavo list = ma'orpoi, ma'orselcmi, ma'orselste)];

cmene [cmeme'e] name

x1 (quoted word(s)) is a/the name/title/tag of x2 to/used-by namer/name-user x3 (person) [also: x2 is called x1 by x3 (= selcme for reordered places)];

cmila [mi'a] laugh ('smile')

x1 laughs (emotional expression) [x1 laughs at x2 (= mi'afra)];

cmima [mim,cmi] member

x1 is a member/element of set x2; x1 belongs to group x2; x1 is amid/among/amongst group x2 [x1 may be a complete or incomplete list of members; x2 is normally marked by la'i/le'i/lo'i, defining the set in terms of its common property(ies), though it may be a complete enumeration of the membership];

cmoni [cmoco'i] moan

x1 utters moan/groan/howl/scream [non-linguistic utterance] x2 expressing x3 (property) [also shriek, most animal sounds, e.g. bark, cackle, meow, neigh, moo, honk, baa, crow]

cnano [na'o] norm

x1 [value] is a norm/average in property/amount x2 (ka/ni) among x3(s) (set) by standard x4 [also mean, normal, usual; (x3 specifies the complete set)];

cnebo [neb,ne'o] neck

x1 is a/the neck [body-part] of x2; [metaphor: a relatively narrow point]

cnemu [nem,ne'u] reward

x1 (agent) rewards x2 [recipient] for atypical x3 (event/property) with reward/desserts x4 [differs from earned payment because of atypical nature; rewards need not be positive but are in some sense deserved from the point of view of the rewarder: positive reward (= zanyne'u), punishment, penalty, demerit (= malne'u, sfane'u); x4 may be a specific object, a commodity (mass), an event, or a property; pedantically, for objects/commodities, this is sumti-raising from ownership of the object/commodity (= posne'u, posyvelne'u for unambiguous semantics)];

cnici [nic] orderly ('neat')

x1 is orderly/neat/ordered in property/quantity x2 (ka/ni)

cnino [nin,ni'o] new

x1 is new/unfamiliar/novel to
observer x2 in feature x3 (ka) by
standard x4; x1 is a novelty

cnisa [nis] lead

x1 is a quantity of/contains/is
made of lead (Pb); [metaphor:
heavy, malleable, soft metal]

cnita [nit,ni'a] beneath

x1 is directly/vertically
beneath/below/under/underneath
/down from x2 in frame of
reference x3
[also underside, nether];

co [CO,col] tanru inversion

tanru inversion operator; ... of type
...; allows modifier trailing sumti
without sumti links

co'a [ZAHO,co'a] initiative

interval event contour: at the
starting point of ...; initiative
>|< [[beginning (= co'a(r)-)];

co'e [GOhA,com,co'e] unspecif

bridi
elliptical/unspecified bridi
relationship

co'i [ZAHO] achievative

interval event contour: at the
instantaneous point of ...;
achievative; point event
>|<

co'o [COI] partings

vocative: partings/good-bye

co'u [ZAHO,co'u] cessative

interval event contour: at the
ending point of ... even if not done;
cessative
| >< | [ending (= co'u(r)-)];

coi [COI] greetings

vocative: greetings/hello

coico'o [COI*] greetings in passing

vocative: greetings in passing

cokcu [cko] soak up

x1 soaks up/absorbs/sucks up x2
from x3 into x4; x1 is an absorbant

condi [con,cno,coi] deep

x1 is deep in extent in
direction/property x2 away from
reference point x3 by standard x4

cortu [cor,cro] pain ('hurt')

x1 hurts/feels pain/hurt at locus x2

cpacu [cpa] get ('acquire')

x1 gets/procures/acquires/
obtains/accepts x2 from source x3
[previous possessor not implied]
[also fetch; accept a gift (= seldu'acpa)];

cpana [] upon

x1 is upon/atop/resting on/lying on
[the upper surface of] x2 in frame
of reference/gravity x3
(x1 may be object or event);

cpare [par] climb

x1 climbs/clambers/creeps/ crawls
on surface x2 in direction x3 using
x4 [limbs/tools]

cpedu [cpe] request

x1 requests/asks/petitions/ solicits
for x2 of/from x3 in manner/form
x4

[also demand (= mi'ecpe); x4 is a
means of expression : a request
may be indicated in speech, in
writing, or by an action (e.g.
petitions are often in writing, while
begging/ panhandling may be
indicated by an action or even
demeanor)];

cpina [] pungent

x1 is pungent/piquant/
peppery/spicy/irritating to sense x2
[also prickly (= pecycpina)];

cradi [] radio

x1 broadcasts/transmits [using
radio waves] x2 via
station/frequency x3 to [radio]
receiver x4
[also x1 is a broadcaster];

crane [cra] front

x1 is anterior/ahead/
forward/(in/on) the front of x2
which faces/in-frame-of-reference
x3
[also: x3 is the standard of
orientation for x2]

creka [cek] shirt

x1 is a shirt/blouse/top [upper-
body garment – not necessarily
sleeved or buttoned], material x2

crepu [rep] harvest ('reap')

x1 (agent) harvests/reaps/ gathers
crop/product/objects x2 from
source/area x3

cribe [rib] bear

x1 is a bear/ursoid of species/breed
x2

crida [rid] fairy

x1 is a fairy/elf/gnome/
brownie/pixie/goblin/kobold
[mythical humanoid] of
mythos/religion x2
[also orc, giant, demon or devil
(when humanoid-form is presumed
by the mythos/religion), bugbear,
bogeyman];

crino [ri'o] green

x1 is green/verdant [color
adjective]

cripu [rip] bridge

x1 is a bridge/span over/across x2
between x3 and x4 [unordered,
typically destination first]

crisa [cis] summer

x1 is summer/summertime [hot
season] of year x2 at location x3

critu [] autumn

x1 is autumn/fall [harvest/cooling season] of year x2 at location x3

ctaru [] tide

x1 is a tide [cyclical/periodic expansion] in x2 caused by x3

ctebi [teb] lip ('labial')

x1 is a/the lip [body-part]/rim of orifice x2 of body x3; (adjective:) x1 is labial

cteki [tek,ce'i] tax

x1 is a tax/levy/duty on goods/services/event x2 levied against x3 by authority/collector x4 [also custom, toll, tariff, tribute]

ctile [] petroleum ('oil')

x1 is a quantity of petroleum/oil from source x2

ctino [ti'o] shadow ('shade')

x1 is a shadow/the shade of object x2, made by light/energy source x3

ctuca [ctu] teach

x1 teaches audience x2 ideas/methods/lore x3 (du'u) about subject(s) x4 by method x5 (event) [also instruct, instructor, educate, educator, teacher, professor, pedagogue; (adjective:) x1/x5 is pedagogical];

cu [CU] selbri separator

elidable marker: separates selbri from preceding sumti, allows preceding terminator elision

cu'a [VUhU3] absolute value unary mathematical operator: absolute value/norm |a|

cu'e [CUhE] modal ? tense/modal question

cu'i [CAI] neutral emotion attitudinal: neutral scalar attitude modifier

cu'o [MOI] probability selbri convert number to probability selbri; event x1 has probability (n) of occurring under cond. x2

cu'u [BAI] as said by cusku modal, 1st place (attribution/quotation) as said by source ...; used for quotation

cu'u ko'a [BAI*] as said by it-1 tagged sumti: can be used for embedded: it-1 said, ..., with editorial unquote and insert

cukla [cuk] round ('circular') x1 is round/circular [2-dimensional shape/form]; x1 is a disk/circle/ring [normally used for a filled-in circle/disk, but emphasis on roundness means that the concept may include 'ring'];

ukta [cku] book

x1 is a book containing work x2 by author x3 for audience x4 preserved in medium x5 [x1 is a manifestation/ container [a physical object or its analogue] of a work/content, not necessarily using paper (= selpapri)];

culno [clu] full

x1 is full/completely filled with x2

cumki [cum,cu'i] possible ('maybe')

x1 (event/state/property) is possible under conditions x2; x1 may/might occur; x1 is a maybe [also possibility];

cumla [cul] humble ('humility')

x1 is humble/modest about x2 (abstraction); x1 displays humility about x2

cunmi [] millet

x1 is a quantity of millet [grain] of species/strain x2

cunso [cun,cu'o] random ('chance')

x1 is random/fortuitous/unpredictable under conditions x2, with probability distribution x3 [also accidental, chancy, by chance, adventitious, arbitrary (also = cuncu'a, cunselcu'a, cunjdi, cunseljdi; based on unpredictable)];

cuntu [cu'u] affair

x1 is an affair/organized activity involving person(s) x2 (ind./mass); x1 is x2's business [also matter, concern; x2 is engaged in x1 (which is usually an abstraction) (= selcu'u for reordered places)]

cupra [pra] produce

x1 produces x2 [product] by process x3

curmi [cru] let ('permit')

x1 (agent) lets/permits/allows x2 (event) under conditions x3; x1 grants privilege x2 [sufficient condition (= crutcini), agent that permits a situation (= tcincyru)];

curnu [cur] worm

x1 is a worm/invertebrate animal of species/breed x2 [also mollusk, snail (= cakcurnu), shellfish (= xaskemcakcurnu, xaskemcakdyja); the generalization to invertebrate is because almost all multicellular invertebrates are indeed wormlike];

curve [cuv] pure

x1 is pure/unadulterated/unmitigated/simple in property x2 (ka) [x1 is simply/purely/unmitigatedly/solely x2];

cusku [cus,sku] express
x1 (agent) expresses/says x2
(sedu'u/text/lu'e concept) for
audience x3 via expressive medium
x4
[also says];

cutci [cuc] shoe
x1 is a shoe/boot/sandal for
covering/protecting [feet/hoooves]
x2, and of material x3
[also boot (= tupcutci)];

cutne [cut] chest
x1 is a/the chest/thorax/ upper
trunk/[rib cage/breast] [body-part]
of x2

cuxna [cux,cu'a] choose
x1 chooses/selects x2 [choice] from
set/sequence of alternatives x3
(complete set)
[also prefer (= nelcu'a)];

cy [BY2] c
letteral for c

da [KOhA1,dav,dza] something 1
logically quantified existential pro-
sumti: there exists something 1
(usually restricted)

da'a [PA4,daz] all except
digit/number: all except n; all but
n; default 1

da'amoi [MOI*] is penultimate
among
quantified selbri: converts all-but-
(1) to ordinal selbri; x1 is
penultimate among x2 by rule x3

da'aremoi [MOI*] is
antepenultimate
quantified selbri: converts all-but-2
to ordinal selbri; x1 is antepenult.
among x2 by rule x3

da'e [KOhA2] eventual utterance
pro-sumti: remote future
utterance; He'll tell you tomorrow.
IT will be a doozy.

da'i [UI3] supposing
discursive: supposing – in fact

da'inai [UI*3] in fact
discursive: supposing – in fact

da'o [DAhO] cancel pro-assigns
discursive: cancel pro-sumti/pro-
bridi assignments

***da'oi** [DOI] empathy
attitudinal attribution
Whereas dai simply marks an
attitudinal as applying to someone
other than the speaker, da'oi
explicitly attributes the preceding
attitudinal. In particular, dai is
equivalent to da'oi na'e bo mi.

da'u [KOhA2] earlier utterance

pro-sumti: a remote past utterance; She couldn't have known that IT would be true.

dacru [dac] drawer

x1 is a drawer/file in structure x2, a [sliding compartment] container for contents x3

dacti [dai] object ('thing')

x1 is a material object enduring in space-time; x1 is a thing

dadjo [daj] Taoist

x1 pertains to the Taoist culture/ethos/religion in aspect x2

dai [UI5] empathy

attitudinal modifier: marks empathetic use of preceding attitudinal; shows another's feelings

dakfu [dak] knife

x1 is a knife (tool) for cutting x2, with blade of material x3

dakli [] sack

x1 is a sack/bag with contents x2, and of material x3

damba [dab,da'a] fight ('combat')

x1 fights/combats/struggles with x2 over issue x3 (abstract); x1 is a fighter/combatant
[use x3 tu'a for fight over an object/objective];

damri [] drum

x1 is a drum/cymbal/gong
[percussion musical instrument] with beater/actuator x2

dandu [dad] hang ('dangle, suspend')

x1 hangs/dangles/is suspended from x2 by/at/with joint x3
[pendant (= dadja'i); also dependent (original meaning)]

danfu [daf] answer

x1 is the answer/response/solution/[reply] to question/problem x2

danlu [dal,da'u] animal

x1 is an animal/creature of species x2; x1 is biologically animate

danmo [dam] smoke

x1 is made of/contains/is a quantity of smoke/smog/air pollution from source x2
[x2 may be a fire];

danre [da'e] pressure

x1 (force) puts pressure on/presses/applies force to x2
[agentive press/depress (= da'ergau, da'erzu'e)];

dansu [] dance

x1 (individual, mass) dances to accompaniment/music/ rhythm x2

danti [dan] projectile

x1 is a ballistic projectile [e.g. bullet/missile] for firing by [gun/propelling launcher] x2 [also cannonball, catapult stone, shot pellet(s)];

daplu [plu] island

x1 is an island/atoll/key of [material/properties] x2 in surroundings/body x3; x1 is insular

dapma [dap] curse ('damn')

x1 curses/damns/condemns x2 to fate (event) x3 [curse with a specific expression (= dapsku)];

dargu [dag] road

x1 is a road/highway to x2 from x3 with route x4 (x2/x3 may be unordered) [a regularly used, improved-for-use surface for travelling];

darlu [dau] argue

x1 argues for stand x2 against stand x3; [an opponent is not necessary]

darno [dar,da'o] far

x1 is far/distant from x2 in property x3 (ka)

darsi [] audacity ('dare')

x1 shows audacity/chutzpah in behavior x2 (event/activity); x1 dares to do/be x2 (event/ka) [x1 is bold];

darxi [dax,da'i] hit

x1 hits/strikes/[beats] x2 with instrument [or body-part] x3 at locus x4

daski [] pocket

x1 is a pocket/pouch of/in garment/item x2

dasni [das] wear

x1 wears/is robed/garbed in x2 as a garment of type x3 [x2 need not be intended for use as a garment (unlike taxfu)];

daspo [spo] destroy ('despoil')

x1 (event) destroys/ruins/wrecks/despoils x2; x1 is destructive

dasri [sri] ribbon

x1 is a ribbon/tape/strip/band/stripe of material x2

datka [] duck

x1 is a duck/[drake] of species/breed x2

datni [] data

x1 (du'u) [fact/measurement] is data/information/ statistic(s) about x2 gathered by method x3 [evidence (= velji'i datni or just velji'i, sidyatni)]

dau [PA2] hex digit A

digit/number: hex digit A (decimal 10) [ten]

de [KOhA1] something 2
logically quantified existential pro-sumti: there exists something 2 (usually restricted)

de'a [ZAhO] pausative
event contour for a temporary halt and ensuing pause in a process

de'e [KOhA2] soon utterance
pro-sumti: a near future utterance

de'i [BAI] dated
detri modal, 1st place (for letters)
dated ... ; attaches date stamp

de'o [VUhU3] logarithm
binary mathematical operator:
logarithm; [\log/\ln a to base b];
default base 10 or e

de'u [KOhA2] recent utterance
pro-sumti: a recent utterance

decti [dec] .1 (metric 'deci')
x1 is a tenth [$1/10$; $1 \times 10^{*-1}$] of x2
in dimension/aspect x3 (default is units)

degji [deg] finger ('digit')
x1 is a/the finger/digit/toe [body-part] on limb/body site x2 of body x3; [metaphor: peninsula] [finger (= xandegji), toe (= jmadegji)]; ,

dei [KOhA2] this utterance
pro-sumti: this utterance

dejni [dej] owe ('debt-or')
x1 owes x2 in debt/obligation to creditor x3 in return for x4 [service, loan]; x1 is a debtor

dekpu [] gallon ('peck')
x1 is x2 (default 1) local volume unit(s) [non-metric; e.g. bushel], standard x3, x4 subunits [gallon (= likydekpu), quart (= likseldekpu), barrel (wet = likybradekpu, dry = sudbradekpu), bushel (= sudydekpu), peck (= sudyseldekpu), cupful (= kabrydekpu), tablespoon (= mucydekpu); teaspoon (= mucyseldekpu); (all of these lujvo may need gic- to distinguish the English measurement system in contrasting with some local system; the English system is otherwise presumed to be the default non-metric system)]; (additional subunit places may be added as x5, x6, ...);

dekto [dek] 10 (metric 'deka')
x1 is ten [10 ; $1 \times 10^{*1}$] of x2 in dimension/aspect x3 (default is units)

delno [del,de'o] candela ('candle-power')

x1 is x2 candela [metric unit] in
luminosity (default is 1) by
standard x3

dembi [deb] bean

x1 is a bean/pea/leguminous seed
from plant [legume] x2

denci [den,de'i] tooth ('dental')

x1 is a/the tooth [body-part] of x2;
(adjective:) x1 is dental
(for metaphor: see dakfu, pagre,
jgalu);

denmi [dem] dense

x1 is dense/concentrated/
packed/intense in property x2 (ka)
at location/locus x3

denpa [dep,de'a] wait ('pause')

x1 awaits/waits/pauses for/until x2
at state x3 before
starting/continuing x4
(activity/process)
[(x2 is an event, usually a point
event); also: resuming x4];

denpa bu [BY*,pause

symbol,letteral: Lojban . character]

dertu [der,de'u] dirt

x1 is a quantity of/contains/is
made of dirt/soil/earth/ground
from source x2 of composition x3
[also: x1 is earthen; x3:
composition including x3, which
need not be exhaustive of
composition];

derxi [dre] heap

x1 is a heap/pile/stack/ mound/hill
of materials x2 at location x3

desku [des] shake

x1 shakes/quakes/trembles/
quivers/shudders/wobbles/vibrates
from force x2

[also (expressible either with desku
or slilu): side to side, to and fro,
back and forth, reciprocal motion];

detri [det] date

x1 is the date
[day,{week},{month},year] of
event/state x2, at location x3, by
calendar x4

(time units in x1 are specified as
numbers separated by pi'e or are
unit values massified with joi);

di [KOhA1] something 3

logically quantified existential pro-
sumti: there exists something 3
(usually restricted)

di'a [ZAHO] resumptive

event contour for resumption of a
paused process

***di'ai** [COI] blessing

vocative: bless – curse
Used to express blessings/curses.

di'e [KOhA2] next utterance

pro-sumti: the next utterance

di'i [TAhE] regularly
tense interval modifier: regularly;
subjective tense/modal; defaults as
time tense

di'inai [TAhE*] irregularly
tense interval modifier:
irregularly/aperiodically;
tense/modal; defaults as time
tense

di'o [BAI] at the locus of
diklo modal, 1st place

di'u [KOhA2] last utterance
pro-sumti: the last utterance

dicra [dir] interrupt ('disturb,
disrupt')
x1 (event) interrupts/stops/
halts/[disrupts] x2 (object/
event/process) due to quality x3
[also disturbs (one sense)];

dikca [dic] electric ('charge')
x1 is electricity [electric charge or
current] in/on x2 of
polarity/quantity x3 (def. negative)
[(x3, a quantifier, can be expressed
as a simple polarity using the
numerals for positive and negative
ma'u and ni'u); (explicitly) negative
(= dutydikca), positive (= mardikca);
current (= (sel)muvdikca; again
default negative/electron current),
charge (= klodikca, stadikca)];

diklo [klo] local

x1 is local to x2; x1 is confined to
locus x2 within range x3
[indicates a specific location/value
within a range; e.g. a hits b. What
is the locality on b that a hits?
Thus x1 is associated with a specific
narrow region/interval x2 of wider
space/range x3];

dikni [dik] regular ('cyclical')
x1 is regular/cyclical/periodic in
property (ka)/activity x2 with
period/interval x3
[also uniform; resonant (=
dikslicai)];

dilcu [] quotient ('division')
x1 is a quotient of 'x2/x3' [dividend
x2 divided by divisor x3], leaving
remainder x4

dilnu [dil] cloud
x1 is a cloud of material x2 in air
mass x3 at floor/base elevation x4

dimna [dim] fate ('doom')
x1 is a fate/destiny of x2; [doom,
curse are mabla-forms]; x2 is
fated/predestined/doomed to x1
[fated/destined/doomed (=
seldimna)];

dinju [dij,di'u] building
x1 is a building/edifice for purpose
x2

dinko [di'o] nail

x1 is a nail/tack [pointed driven/frictional fastener] of type/size x2 (ka), made of material x3
(x2 also can be ni abstraction);

dirba [dib] dear

x1 is dear/precious/darling to x2;
x1 is emotionally valued by x2
[x1 may be a specific object, a commodity (mass), an event, or a property; pedantically, for objects/commodities, this is sumti-raising from ownership of the object/commodity (= posydirba for unambiguous semantics)];

dirce [di'e] radiate

x1 radiates/emits x2 under conditions x3

dirgo [dig] drop

x1 is a drop [small, cohesive shape] of material [liquid/vapor] x2 in surrounding material x3

***ditcu** [] interval

x1 is the time-duration/interval/period/[elapsed time] of event x2.

dizlo [diz,dzi] low

x1 is low/down/downward in frame of reference x2 as compared with baseline/standard height x3 [also lower; x3 is generally some defined distance above a zero point/baseline, or is that baseline itself];

djacu [jac,jau] water ('aqua-')

x1 is made of/contains/is a quantity/expanse of water;
(adjective:) x1 is aqueous/[aquatic] [aquatic (= jaupli)];

djedi [dje,dei] full day

x1 is x2 full days in duration (default is 1 day) by standard x3;
(adjective:) x1 is diurnal [today (= cabdei); tomorrow (= bavlamdei); yesterday (= prulamdei)];

djica [dji] desire

x1 desires/wants/wishes x2 (event/state) for purpose x3 [if desire is for an object, this is sumti-raising; use tu'a in x2 (or use lujvo = po'edji)];

djine [jin] ring

x1 is a ring/annulus/torus/ circle [shape/form] of material x2, inside diam. x3, outside diam. x4 [also ellipse, oval (= jincla); (usage has been for near-circles, such as tight spirals, even if not closed loops)]; [also band, belt, encircle (= jinsru)];

djuno [jun,ju'o] know

x1 knows fact(s) x2 (du'u) about subject x3 by epistemology x4 [words usable for epistemology typically have a du'u place; know how to – implying knowledge of

method but not necessarily having the ability to practice (= tadjyju'o)]

do [KOhA3,don,doi] you
pro-sumti: you listener(s);
identified by vocative

do'a [UI3] generously
discursive: generously –
parsimoniously

do'anai [UI*3] parsimoniously
discursive: generously –
parsimoniously

do'e [BAI] unspecified modal
elliptical/unspecified modal

do'i [KOhA2] unspecified utterance
pro-sumti: elliptical/unspecified
utterance variable

do'o [KOhA3] you and others
pro-sumti: you the listener &
others unspecified

do'u [DOhU] end vocative
elidable terminator: end vocative
(often elidable)

doi [DOI] vocative marker
generic vocative marker; identifies
intended listener; elidable after COI

doido'u [DOI*] O You!
generic vocative address to
intended listener;

donri [dor,do'i] daytime
x1 is the daytime of day x2 at
location x3; (adjective:) x1 is
diurnal (vs. nocturnal)

dotco [dot,do'o] German
(('Deutsch'))
x1 reflects German/Germanic
culture/nationality/language in
aspect x2

draci [] drama
x1 is a drama/play about x2
[plot/theme/subject] by dramatist
x3 for audience x4 with actors x5
[x2 may also be a convention]

drani [dra] correct ('right')
x1 is correct/proper/right/ perfect
in property/aspect x2 (ka) in
situation x3 by standard x4

drata [dat] other
x1 isn't the-same-thing-as/is
different-from/other-than x2 by
standard x3; x1 is something else

drudi [rud,dru] roof
x1 is a roof/top/ceiling/lid of x2
a drudi is (designed to be)
over/above something and shelters
it from other things above the
drudi, mapku)

du [GOhA,dub,du'o] same identity
as

identity selbri; = sign; x1 identically equals x2, x3, etc.; attached sumti refer to same thing

[It is very un-Lojbanic to translate the generic English copula 'is' by this word];

du'a [FAhA1] east of

location tense relation/direction; east of

du'e [PA4] too many

digit/number: too many; subjective

du'emei [MOI*] is too many

quantifier selbri: convert too many to cardinal selbri; x1 is a set with too many members x2

du'eroi [ROI*] too many times

tense interval modifier: too many times objective tense, defaults as time tense

du'i [BAI] as much as

dunli modal, 1st place (equalled by) equally; as much as ...

du'o [BAI] according to

djuno modal, 1st place (info source)

authoritatively; according to ...; known by ...

du'u [NU,dum] bridi abstract

abstractor: predication/bridi abstractor; x1 is predication [bridi] expressed in sentence x2

dugri [dug] logarithm

x1 is the logarithm of x2 with base x3

dukse [dus,du'e] excess

x1 is an excess of/too much of x2 by standard x3
[cloying (= maldu'e, tolpu'adu'e)];

dukti [dut] opposite ('contrary')

x1 is polar opposite from/contrary to x2 in property/on scale x3 (property/si'o)

dunda [dud,du'a] give ('donate')

x1 [donor] gives/donates gift/present x2 to recipient/beneficiary x3 [without payment/exchange]
[also grants; x3 is a receiver (= terdu'a for reordered places); the Lojban doesn't distinguish between or imply possession transfer or sharing; x2 may be a specific object, a commodity (mass), an event, or a property; pedantically, for objects/commodities, this is sumti-raising from ownership of the object/commodity (= posydu'a, posyseldu'a for unambiguous semantics)];

dunja [duj] freeze ('jell')

x1 freezes/jells/solidifies at temperature x2 and pressure x3

dunku [duk,du'u] anguish

x1 is anguished/distressed/
emotionally wrought/stressed by
x2

dunli [dun,du'i] equal

x1 is equal/congruent to/as much
as x2 in

property/dimension/quantity x3
[same in quantity/quality (not
necessarily in identity)]; 'analogy'
may be expressed as the
equivalence of two properties of
similarity (ka x1 simsa x2) and (ka
x3 simsa x4)];

dunra [dur] winter

x1 is winter/wintertime [cold
season] of year x2 at location x3

dy [BY2] d

letteral for d

dzena [dze] elder

x1 is an elder/ancestor of x2 by
bond/tie/degree x3; x1's
generation precedes x2's parents

dzipo [zip,zi'o] Antarctic

x1 reflects Antarctic
culture/nationality/geography in
aspect x2

e [A] sumti and

logical connective: sumti
afterthought and

e'a [U1] permission

attitudinal: granting permission –
prohibiting

e'anai [UI*1] prohibition

attitudinal: permission –
prohibition

e'e [U1] competence

attitudinal: competence –
incompetence/inability

e'enai [UI*1] incompetence

attitudinal: competence –
incompetence/inability

e'i [U1] constraint

attitudinal: feeling constraint –
independence – challenge/
resistance against constraint

e'icu'i [UI*1] independence

attitudinal: feeling constraint –
independence –
challenge/resistance against
constraint

e'inai [UI*1] challenge

attitudinal: feeling constraint –
independence –
challenge/resistance against
constraint

e'o [U1] request

attitudinal: request – negative
request

e'onai [UI*1] negative request

attitudinal: request – negative
request

e'u [UI1] suggestion
attitudinal: suggestion – abandon
suggest – warning

e'ucu'i [UI*1] abandon suggestion
attitudinal: suggestion – abandon
suggest – warning

e'unai [UI*1] warning
attitudinal: suggestion – abandon
suggest – warning

ebu [BY*] e
letteral for e

ei [UI1] obligation
attitudinal: obligation – freedom

einai [UI*1] freedom
attitudinal: obligation – freedom

enai [A*] sumti but not
logical connective: sumti
afterthought x but not y

fa [FA] 1st sumti place
sumti place tag: tag 1st sumti place

fa'a [FAhA4] towards point
location tense relation/direction;
arriving at/directly towards ...

fa'e [BAI] reverse of
fatne modal, 1st place
backwards; reverse of ...

fa'i [VUhU2] reciprocal of
unary mathematical operator:
reciprocal; multiplicative inverse;
[1/a]

fa'o [FAhO] end of text
unconditional end of text; outside
regular grammar; used for
computer input

fa'u [JOI] and respectively
non-logical connective:
respectively; unmixed ordered
distributed association

facki [fak,fa'i] discover ('find')
x1 discovers/finds out x2 (du'u)
about subject/object x3; x1 finds
(fi) x3 (object)

fadni [fad] ordinary
x1 [member] is
ordinary/common/typical/usual in
property x2 (ka) among members
of x3 (set)
[also: x2 is a
normal/common/ordinary/typical
property among set x3 (=
selterfadni for reordered places);
also regular, (mabla forms:) banal,
trite, vulgar; (x3 is complete set)];

fagri [fag] fire
x1 is a fire/flame in fuel x2 burning-
in/reacting-with oxidizer x3
(default air/oxygen)

fai [FA] extra sumti place
sumti place tag: tag a sumti moved
out of numbered place structure;
used in modal conversions

fanlu [fan] sail
x1 is a sail for gathering propelling
material x2 on vehicle/motor x3
[waterwheel (= jacfanxi'u)];

famti [] aunt or uncle
x1 is an aunt/uncle of x2 by
bond/tie x3; x1 is an associated
member of x2's parent's generation

fancu [] function
x1 is a function/single-valued
mapping from domain x2 to range
x3 defined by expression/rule x4

fange [] alien ('foreign')
x1 is alien/foreign/[exotic]/
unfamiliar to x2 in property x3 (ka)

fanmo [fam,fa'o] end ('final')
x1 is an end/finish/ termination of
thing/process x2; [not necessarily
implying completeness]
[x1 is final/last/at the last; x1 is a
terminal/terminus of x2; x1 is the
final/terminated state of
terminated process x2; x2
terminates/ceases/stops/halts at
x1 (= selfa'o for reordered places)];

fanri [] factory ('foundry')

x1 is a factory/foundry/ industrial
plant/mill producing x2 from
materials x3

fanta [] prevent
x1 prevents/keeps/stops/
restrains/constrains event x2 from
occurring

fanva [] translate
x1 translates text/utterance x2 to
language x3 from language x4 with
translation result x5

fanza [faz] annoy
x1 (event) annoys/irritates/
bothers/distracts x2
[also: is disruptive to];

fapro [fap,pro] oppose
x1 opposes/balances/ contends
against opponent(s) x2
(person/force ind./mass) about x3
(abstract)
[also resists];

farlu [fal,fa'u] fall
x1 falls/drops to x2 from x3 in
gravity well/frame of reference x4
[note: things can fall in spin, thrust,
or tide as well as gravity; (agentive
drop = one of two lujvo: falcru and
falri'a)]

farna [far,fa'a] direction
x1 is the direction of x2
(object/event) from origin/in frame
of reference x3

[x2 is towards x1 from x3 (= selfa'a for reordered places)];

farvi [fav] develop ('evolve')
x1 develops/evolves towards/ into
x2 from x3 through stages x4

fasnu [fau] event ('happen')
x1 (event) is an event that
happens/occurs/takes place; x1 is
an incident/happening/ occurrence

fatci [fac] fact
x1 (du'u) is a fact/reality/
truth/actuality, in the absolute

fatne [fat,fa'e] reverse
x1 [sequence] is in reverse order
from x2 [sequence]; x1 (object) is
inverted from x2 (object)
[also opposite (one sense)];

fatri [fai] distribute
x1 is distributed/allotted/
allocated/shared among x2 with
shares/portions x3; (x2/x3 fa'u)
[also spread, shared out,
apportioned; agentive distribution
(= fairgau, fairzu'e)];

fau [BAI] in the event of
fasnu modal, 1st place (non-causal)

fe [FA] 2nd sumti place
sumti place tag: tag 2nd sumti
place

fe'a [VUHU3] nth root of

binary mathematical operator: nth
root of; inverse power [a to the 1/b
power]

fe'e [FEhE] space aspects
mark space interval distributive
aspects; labels interval tense
modifiers as location-oriented

fe'eba'o [ZAHO*] beyond
location event contour tense:
perfective in space; beyond the
place of ...

fe'eca'o [ZAHO*] throughout
location event contour tense:
continuative in space; throughout
the place of ...

fe'eco'a [ZAHO*] on this edge of
location event contour tense:
initiative in space; on this edge of
...

fe'eco'i [ZAHO*] at the point of
location event contour tense:
achievative in space; at the point of
...

fe'emo'u [ZAHO*] at the far end of
location event contour tense:
completive in space; at the far end
of ...

fe'enoroi [ROI*] nowhere
location tense interval modifier:
never in space; objectively
quantified tense

fe'epu'o [ZAHO*] up to the edge of location event contour tense: anticipative in space; up to the edge of ...

fe'ereroi [ROI*] everywhere location tense interval modifier: always in space; objectively quantified tense

fe'eza'o [ZAHO*] continuing too far location event contour tense: superfective in space; continuing too far beyond ...

fe'i [VUHU1] divided by n-ary mathematical operator: divided by; division operator; [(((a / b) / c) / ...)]

fe'o [COI] over and out vocative: over and out (end discussion)

fe'u [FEhU] end modal selbri elidable terminator: end nonce conversion of selbri to modal; usually elidable

febvi [feb] boil x1 boils/evaporates at temperature x2 and pressure x3 [roil (= febjicla)];

fei [PA2] hex digit B digit/number: hex digit B (decimal 11) [eleven]

femti [fem] 1E-15 (metric 'femto') x1 is $1 \times 10^{**} \cdot 15$ of x2 in dimension/aspect x3 (default is units)

fendi [fed] divide x1 (agent) divides/partitions/separates x2 into sections/parts/ind. x3 by method/partition x4 [also segments];

fengu [feg,fe'u] angry x1 is angry/mad at x2 for x3 (action/state/property)

fenki [fek] crazy ('frenzy') x1 (action/event) is crazy/insane/mad/frantic/in a frenzy (one sense) by standard x2

fenra [fer,fe'a] crack x1 is a crack/fissure/pass/cleft/ravine/chasm/[defect/ flaw] [shape/form] in x2

fenso [fen,fe'o] sew x1 sews/stitches/sutures materials x2 (ind./set) together with tool(s) x3, using filament x4 (x2 if a set must be a complete specification);

fepni [fep,fei] cent ('penny') x1 is measured in kopeck/cent money-subunits as x2 [quantity], in monetary system x3

[also pfennig, paisa, sen, fen, dinar, etc.; x1 is generally a price/cost/value]; (additional secondary, tertiary, etc. subunit places may be added as x4, x5, x6, ...);

fepri [] lung ('pulmonary')
x1 is a/the lung [body-part] of x2;
[metaphor: breathing/respiratory apparatus/bellows]
[also (adjective:): x1 is pulmonary];

ferti [fre] fertile
x1 is fertile/conducive for supporting the growth/development of x2; x1 is fruitful/prolific
[also fecund (note that the Lojban covers both potential and actual/realized fertility)];

festi [fes] waste
x1(s) is/are waste product(s) [left to waste] by x2 (event/activity)
[also shit, crap; agentive wasting (= fesygau, fesyzu'e)];

fetsi [fet,fe'i] female ('fem-')
x1 is a female/doe of species x2 evidencing feminine trait(s) x3 (ka);
x1 is feminine

fi [FA] 3rd sumti place
sumti place tag: tag 3rd sumti place

fi'a [FA] sumti place ?

sumti place tag: place structure
number/tag question

fi'e [BAI] created by
finti modal, 1st place (creator)

fi'i [COI] hospitality
vocative: hospitality – inhospitality;
you are welcome/ make yourself at home

fi'inai [COI*] inhospitality
vocative: hospitality – inhospitality

fi'o [FIhO] selbri to modal
convert selbri to nonce
modal/sumti tag

fi'u [PA3] fraction slash
digit/number: fraction slash;
default /n => 1/n, n/ => n/1, or /
alone => golden ratio

figre [fig] fig
x1 is a fig [fruit/tree] of
species/strain x2

filso [fis] Palestinian ('Philistine')
x1 reflects Palestinian
culture/nationality in aspect x2

finpe [fip,fi'e] fish ('fin')
x1 is a fish of species x2
[metaphorical extension to sharks,
non-fish aquatic vertebrates]

finti [fin,fi'i] invent

x1 invents/creates/composes
/authors x2 for function/purpose
x3 from existing elements/ideas x4
[x1 is creative/inventive];

flalu [fla] law

x1 is a law specifying x2
(state/event) for community x3
under conditions x4 by lawgiver(s)
x5
[x1 is a legality; x2 is
legal/licit/legalized/a legality (= selfla for reordered places)];

flani [] flute

x1 is a flute/pipe/fife/ recorder
[flute-like/air-reed musical
instrument]

flecu [fle] flow ('flush')

x1 is a current/flow/river of/in x2
flowing in direction to/towards x3
from direction/source x4
[x1 is a stream of x2; x2 is a fluid
[gas or liquid] (= selfle for
reordered places); x1 flushes
toward x3; flush (= caifle, sukfle)];

fliba [fli] fail ('baffle')

x1 fails at doing x2 (state/event); x1
is a failure at its role in x2
[baffled (= pesfli, jmifli, dafspufli,
menfli, among other senses); also
x2 ceases/does not complete/fails
to continue due to failure on the
part of x1];

flira [fir] face

x1 is a/the face [head/body-part] of
x2; (adjective:) x1 is facial

fo [FA] 4th sumti place

sumti place tag: tag 4th sumti place

fo'a [KOhA4,fo'a] it-6

pro-sumti: he/she/it/they #6
(specified by goi)

fo'e [KOhA4,fo'e] it-7

pro-sumti: he/she/it/they #7
(specified by goi)

fo'i [KOhA4,fo'i] it-8

pro-sumti: he/she/it/they #8
(specified by goi)

fo'o [KOhA4] it-9

pro-sumti: he/she/it/they #9
(specified by goi)

fo'u [KOhA4] it-10

pro-sumti: he/she/it/they #10
(specified by goi)

foi [FOI] end composite lerfu

terminator: end composite lerfu;
never elidable

foldi [flofoi] field

x1 is a field [shape/form] of
material x2; x1 is a broad uniform
expanse of x2
[also woods (= ricfoi),
lawn/meadow (= sasfoi), brush (= spafai, cicyspafai)];

fonmo [fom,fo'o] foam

x1 is a quantity of foam/froth/suds of material x2, with bubbles/vacuoles of material x3

fonxa [fon] telephone

x1 is a telephone transceiver/modem attached to system/network x2

forca [fro] fork

x1 is a fork/fork-type tool/utensil for purpose x2 with tines/prongs x3 on base/support x4

fraso [fas] French ('France')

x1 reflects French/Gallic culture/nationality/language in aspect x2

frati [fra] react

x1 reacts/responds/answers with action x2 to stimulus x3 under conditions x4; x1 is responsive [x3 stimulates x1 into reaction x2, x3 stimulates reaction x2 (= terfra for place reordering); attempt to stimulate, prod (= terfratoi, tunterfratoi)];

fraxu [fax] forgive

x1 forgives x2 for event/state/activity x3

frica [fic] differ

x1 differs/is distinct from/contrasts with/is unlike x2 in property/dimension/ quantity x3

[also other-than (less common meaning)];

friko [fi'o] African

x1 reflects African culture/nationality/geography in aspect x2

frili [fil] easy ('freely')

x1 (action) is easy/simple/facile for x2 (agent) under conditions x3; x2 does x1 freely/easily

frinu [] fraction

x1 is a fraction, with numerator x2, denominator x3 (x2/x3)

friti [fit] offer

x1 offers/proffers x2 [offering] to x3 with conditions x4 [(x4 may be nu canja, nu pleji, etc.; an unconditional offering has the 'condition' of acceptance); x2 may be a specific object, a commodity (mass), an event, or a property; pedantically, for objects/commodities, this is sumti-raising from ownership of the object/commodity (= posfriti, posyselfriti for unambiguous semantics)];

frumu [fru] frown

x1 frowns/grimaces (facial expression) [x1 frowns/grimaces at/in reaction to x2 (= frufra)];

fu [FA] 5th sumti place
sumti place tag: tag 5th sumti place

fu'a [FUhA] reverse Polish
reverse Polish mathematical
expression (mex) operator flag

***fu'au** [UI3] luckily
discursive: luckily – not pertaining
to luck – unluckily.
Expresses fortune/misfortune of
the speaker. Use dai to express
fortune/misfortune of the listener.

fu'e [FUhE] indicator scope
begin indicator long scope

***fu'ei** [FUhE] quote scope
begin within-context quote that
need not be grammatical;
terminated by fu'oi

fu'i [UI5] easy
attitudinal modifier: easy – difficult

fu'inai [UI*5] difficult
attitudinal modifier: easy – difficult

fu'o [FUhO] end indicator scope
end indicator long scope;
terminates scope of all active
indicators

***fu'oi** [FUhO] end quote scope
terminates scope started with fu'ei

fu'u [VUhU0] unspecified operator

n-ary mathematical operator:
elliptical/unspecified mathematical
expression (mex) operator

fukpi [fuk,fu'i] copy
x1 is a copy/replica/duplicate/
clone of x2 in form/medium x3
made by method x4 (event)

fulta [ful,flu] float
x1 (passive) floats on/in fluid
(gas/liquid) x2; x1 is buoyant

funca [fun,fu'a] luck ('fortune')
x1 (event/property) is determined
by the luck/fortune of x2; (note
mabla/zabna not implied)

fusra [fur] rotten ('rot')
x1 rots/decays/ferments with
decay/fermentation agent x2; x1 is
rotten/decayed/fermented

fuzme [fuz,fu'e] responsible
x1 is responsible/accountable for
x2 (action/resulting state) to
judge/authority x3

fy [BY2] f
letteral for f

ga [GA] fore or
logical connective: forethought all
but tanru-internal or (with gi)

ga'a [BAI] to observer
zgana modal, 1st place
witnessed by ...

ga'e [BY1] upper-case shift
upper-case letteral shift

ga'i [UI5] hauteur
attitudinal modifier/honorific:
hauteur – equal rank – meekness;
used with one of lower rank

ga'icu'i [UI*5] equal rank
attitudinal modifier/honorific:
hauteur – equal rank – meekness;
used with one of equal rank

ga'inai [UI*5] meekness
attitudinal modifier/honorific:
hauteur – equal rank – meekness;
used with one of higher rank

ga'o [GAhO] inclusive interval
closed interval bracket marker;
mod. intervals in non-logical
connectives; include boundaries

ga'u [FAhA2] above
location tense relation/direction;
upwards/up from ...

gacri [gai] cover
x1 is a cover/[lid/top] for
covering/concealing/sheltering x2

gadri [gad] article
x1 is an article/descriptor labelling
description x2 (text) in language x3
with semantics x4
[x2 is the noun phrase/sumti
without the article/descriptor;

description ((x1 with x2) =
gadysu'i); note: 'determiner' has
become the accepted general
linguistics term, displacing 'article';
however, 'determiner' includes all
words that can introduce a noun
phrase/sumti, whether a
description or not, such as pronoun
possessives like lemi, quantifiers
(especially in indefinites) like ci and
su'o, and demonstratives like ti, ta,
and tu; the term 'descriptor' in
Lojban, is limited to words that
introduce descriptions (excluding
indefinites), such as those of
selma'o LA and LE, their common
compounds such as lemi, and
possibly lenu]; 'article' typically
refers only to a single word; Lojban
assumes the broader meaning]

gai [PA2] hex digit C
digit/number: hex digit C (decimal
12) [twelve]

galfi [gaf,ga'i] modify ('alter')
x1 (event) modifies/alters/
changes/transforms/converts x2
into x3
[agentive, resultative change];

galtu [gal,ga'u] high
x1 is high/up/upward in frame of
reference x2 as compared with
baseline/standard height x3
[also upper; x3 is generally some
defined distance above a zero

point/baseline, or is that baseline itself];

galxe [] throat ('gullet')

x1 is a/the throat/gullet [body-part] of x2; [metaphor: narrow(ing) opening of a deep hole]

ganai [GA*] fore only if

logical connective: forethought all but tanru-internal conditional/only if (with gi)

ganlo [ga'o] closed

x1 (portal/passage/entrance-way) is closed/shut/not open, preventing passage/access to x2 by x3

[as a doorway, but also perhaps a semi-permeable membrane];

ganra [gan] broad

x1 is broad/wide in dimension x2 [2nd most significant dimension] by standard x3

ganse [gas,ga'e] sense

x1 [observer] senses/detects/notices stimulus property x2 (ka) by means x3 under conditions x4 [x1 is sensitive to x2; also feels, spots, perceives, makes out, discerns/recognizes (but only implying reaction without necessarily any significant mental processing); note that the emphasis is on a property which stimulates x1 and is detected (sanji

is passive about the sensing, and is not limited to sensory input, as well as presuming some kind of discernment/recognition, while not being concerned with the means of detection); x3 sense/sensory channel];

ganti [] gonad ('testes')

x1 is a/the testes/ovary/testicle/scrotum/balls /gonad/stamen/pistil [body-part] of x2, gender x3 [egg/sperm/pollen/gamete producing/bearing organ];

ganxo [gax] anus

('asshole/arsehole')
x1 is a/the anus/anal orifice/asshole/arsehole [body-part] of x2; [metaphor: exit, waste exit]
[also asshole/ass/arsehole; (adjective:) x1 is anal];

ganzu [gaz] organize

x1 organizes x2 [relative chaos] into x3 [ordered/organized result] by system/principle(s) x4 [x3 is also a system; x4 could be merely a function which inherently serves to dictate the organizational structure of x3];

gapci [gac] gas

x1 is gaseous/fumes/a gas/vapor of material/ composition including x2, under conditions x3

[x3 includes temperature and pressure];

gapru [gap] above ('up')

x1 is directly/vertically above/upwards-from x2 in gravity/frame of reference x3

garna [gar] rail ('bar')

x1 is a rail/railing/bar [tool] supporting/restraining x2, of material x3

gasnu [gau] do

x1 [person/agent] is an agentive cause of event x2; x1 does/brings about x2

gasta [gat] steel

x1 is a quantity of/is made of/contains steel of composition including x2

gau [BAI] with active agent

gasnu modal, 1st place agent/actor case tag

ge [GA] fore and

logical connective: forethought all but tanru-internal and (with gi)

ge'a [VUhU0] null operator

mathematical operator: null mathematical expression (mex) operator (used in >2-ary ops)

ge'e [UI6] unspecif emotion

attitudinal: elliptical/unspecified/non-specific emotion; no particular feeling

ge'i [GA] fore conn ?

logical connective: forethought all but tanru-internal connective question (with gi)

ge'o [BY1] Greek shift

shift letterals to Greek alphabet

ge'u [GEhU] end relative phrase

elidable terminator: end relative/modal phrases; usually elidable in non-complex phrases

gei [VUhU2] exponential notation

trinary mathematical operator: order of magnitude/value/base; [b * (c to the a power)]

genja [gej] root

x1 is a root [body-part] of plant/species x2; [metaphor: immobile, supporting, nourishing]

gento [get,ge'o] Argentinian

x1 reflects Argentinian culture/nationality in aspect x2

genxu [gex] hook

x1 is a hook/crook [shape/form] of material x2

gerku [ger,ge'u] dog

x1 is a dog/canine/[bitch] of species/breed x2

gerna [gen,ge'a] grammar
x1 is the grammar/rules/ defining
form of language x2 for
structure/text x3

gi [GI] connective medial
logical connective: all but tanru-
internal forethought connective
medial marker

gi'a [GIhA] bridi or
logical connective: bridi-tail
afterthought or

gi'e [GIhA] bridi and
logical connective: bridi-tail
afterthought and

gi'enai [GIhA*] bridi but not
logical connective: bridi-tail
afterthought x but not y

gi'i [GIhA] bridi conn ?
logical connective: bridi-tail
afterthought conn question

gi'o [GIhA] bridi iff
logical connective: bridi-tail
afterthought biconditional/iff/if-
and-only-if

gi'onai [GIhA*] bridi xor
logical connective: bridi-tail
afterthought exclusive or; Latin
'aut'

gi'u [GIhA] bridi whether

logical connective: bridi-tail
afterthought whether-or-not

gidva [gid,gi'a] guide
x1 (person/object/event)
guides/conducts/pilots/leads x2
(active participants) in/at x3
(event)
[a guiding person
advises/suggests/sets an example
to be followed, but does not
necessarily control/direct/manage
actual execution of an event; an
event may serve as a guide by
setting a pattern/example to be
emulated];

gigdo [gig,gi'o] 1E9 (metric 'giga')
x1 is a billion [British milliard]
[$1 \times 10^{**9}$] of x2 in
dimension/aspect x3 (default is
units)

ginka [gik] camp
x1 is a camp/encampment/
temporary residence of x2 at
location x3

girzu [gir,gri] group
x1 is group/cluster/team showing
common property (ka) x2 due to
set x3 linked by relations x4
[also collection, team, comprised
of, comprising; members x3 (a
specification of the complete
membership) comprise group x1;
cluster (= kangri)];

gismu [gim,gi'u] root word
x1 is a (Lojban) root word
expressing relation x2 among
argument roles x3, with affix(es) x4
[gismu list, if physical object (= (loi)
gimste); referring to the mental
construct (e.g. propose adding a
new gismu to the gismu list =
gimpoi, gimselcmi, gimselste)];

glare [gla] hot ('warm')
x1 is hot/[warm] by standard x2
[warm (= mligla), feverish (=
bi'agla)];

gleki [gek,gei] happy ('gay')
x1 is happy/gay/merry/glad/
gleeful about x2 (event/state)
[adversity (= kamnalgei)];

gletu [let,gle] copulate ('coitus')
x1 copulates/fucks/mates/has
coitus/sexual intercourse with x2
[x1 and x2 are symmetrical; mounts
(= cpanygle)];

glico [gic,gli] English
x1 is English/pertains to English-
speaking culture in aspect x2
[generally assume broadest sense
of 'English'; may refer to 'English',
pertaining to the
country/people/culture of England
(normally requiring constraint =
gligu'e, or simply redundancy =
gligli-); British English, the norm
language of the UK (= gliglibau)];

gluta [glu] glove
x1 is a mitten/glove [hand and
lower arm garment] of material x2
[mitten (= degycauglu)];

go [GA] fore iff
logical connective: forethought all
but tanru internal
biconditional/iff/if-and-only-if(with
gi)

go'a [GOhA] recent bridi
pro-bridi: repeats a recent bridi
(usually not the last 2)

go'e [GOhA] penultimate bridi
pro-bridi: repeats the next to last
bridi

go'i [GOhA] last bridi
pro-bridi: preceding bridi; in
answer to a yes/no question,
repeats the claim, meaning yes

go'ira'o [GOhA*] true for me too
pro-bridi: preceding bridi; repeats
claim as true, updating for
speaker/listener change

go'o [GOhA] future bridi
pro-bridi: repeats a future bridi,
normally the next one

go'u [GOhA] earlier bridi
pro-bridi: repeats a remote past
bridi

gocti [goc] 1E-24 ('yocto')

x1 is $1 \times 10^{** -24}$ of **x2** in dimension/aspect **x3** (default is units)

goi [GOI] pro-sumti assign sumti assignment; used to define/assign ko'a/fo'a series pro-sumti; Latin 'sive'

gonai [GA*] fore xor logical connective: forethought all but tanru-internal exclusive or (with gi); Latin 'aut'

gotro [got] $1E24$ ('yotta') **x1** is $1 \times 10^{**24}$ of **x2** in dimension/aspect **x3** (default is units)

gradu [rau] unit ('degree, grad') **x1** [magnitude] is a unit/degree of/on scale/reference standard **x2** (si'o) measuring property **x3** [also grade, level, point; **x3** dimension];

grake [gra] gram **x1** is **x2** gram(s) [metric unit] in mass (default is 1) by standard **x3**

grana [ga'a] rod **x1** is a rod/pole/staff/stick/cane [shape/form] of material **x2**

grasu [ras] grease **x1** is a quantity of/is made of/contains grease/fat/oil from source **x2**

greku [rek] frame **x1** is a frame/structure/skeleton/outline supporting/ load-bearing/determining the form of **x2**

grusi [rus] gray **x1** is gray [color adjective]

grute [rut] fruit **x1** is a fruit [body-part] of species **x2**

gu [GA] fore whether logical connective: forethought all but tanru-internal whether-or-not (with gi)

gu'a [GUhA] fore tanru or logical connective: tanru-internal forethought or (with gi)

gu'anai [GUhA*] fore tanru only if logical connective: tanru-internal forethought conditional/only if (with gi)

gu'e [GUhA] fore tanru and logical connective: tanru-internal forethought and (with gi)

gu'i [GUhA] fore tanru conn ? logical connective: tanru-internal forethought question (with gi)

gu'o [GUhA] fore tanru iff

logical connective: tanru-internal
forethought biconditional/iff/if-
and-only-if (with gi)

gu'onai [GUhA*] fore tanru xor
logical connective: tanru-internal
forethought exclusive or (with gi);
Latin 'aut'

gu'u [GUhA] fore tanru whether
logical connective: tanru-internal
forethought whether-or-not (with
gi)

gubni [gub] public
x1 is public/un-hidden/open/
jointly available to/owned by all
among community x2 (mass)

gugde [gug,gu'e] country
x1 is the country of peoples x2 with
land/territory x3; (people/territory
relationship)
[also sovereignty, domestic (as
opposed to foreign), nation (when
not referring to ethos)];

***gumri** [] mushroom
x1 is a mushroom of species x2.

gundi [gud] industry
x1 is industry/industrial/ systematic
manufacturing activity producing
x2 by process/means x3

gunka [gun,gu'a] work
x1 [person] labors/works on/at x2
[activity] with goal/objective x3

[also: x1 is a worker/laborer];

gunma [gum] jointly ('mass')
x1 is a mass/team/aggregate/
whole, together composed of
components x2, considered jointly
[A description in x1 indicates of
mass property(ies) displayed by the
mass; masses may reveal
properties not found in the
individual set members that are
massified, which themselves are
not necessarily relevant to the
mass property implicit in this bridi];

gunro [gur,gu'o] roll ('trundle')
x1 rolls/trundles on/against surface
x2 rotating on axis/axle x3; x1 is a
roller

gunse [] goose
x1 is a goose/[gander] of
species/breed x2

gunta [gut] attack
x1 (person/mass)
attacks/invades/commits
aggression upon victim x2 with
goal/objective x3

gurni [gru] grain
x1 is grain/[British: corn]/cereal
from plant/species x2

guska [guk] scrape
x1 blade/scrapper/erosive
scrapes/erodes/abrades x2 from x3
[abrade, abrasive (= mosyiguska)];

gusni [gus,gu'i] illumine ('light')
x1 [energy] is light/ illumination
illuminating x2 from light source x3
[x3 illuminates/lights x2 with
light/illumination x1; x2 is
lit/illuminated by illumination x1
from source x3 (= selgu'i for
reordered places); light/lamp (= tergu'i)]

gusta [] restaurant
x1 is a restaurant/cafe/diner
serving type-of-food x2 to audience
x3

gutci [guc] cubit ('foot')
x1 is x2 (default 1) short local
distance unit(s) [non-metric],
standard x3, x4 subunits
[foot (= jmagutci); yard (= cibjmagutci),
pace (= tapygutci),
inch (= degygutci), cubit (= birgutci)]; (additional subunit
places may be added as x5, x6, ...);

gutra [] womb ('uterus')
x1 is a/the womb/uterus [body-
part] of x2; [metaphor: nourishing,
protective, giving birth]

guzme [guz,zme] melon
x1 is a melon/squash [fruit/plant]
of species/strain x2

gy [BY2] g
letteral for g

i [l] sentence link
sentence link/continuation;
continuing sentences on same
topic; normally elided for new
speakers

i'a [UI1] acceptance
attitudinal: acceptance – blame

i'anai [UI*1] blame
attitudinal: acceptance – blame

i'e [UI1] approval
attitudinal: approval – non-
approval – disapproval

i'ecu'i [UI*1] non-approval
attitudinal: approval – non-
approval – disapproval

i'enai [UI*1] disapproval
attitudinal: approval – non-
approval – disapproval

i'i [UI1] togetherness
attitudinal: togetherness – privacy

i'inai [UI*1] privacy
attitudinal: togetherness – privacy

i'o [UI1] appreciation
attitudinal: appreciation – envy

i'onai [UI*1] envy
attitudinal: appreciation – envy

i'u [UI1] familiarity
attitudinal: familiarity – mystery

i'unai [UI*1] mystery
attitudinal: familiarity – mystery

ia [UI1] belief
attitudinal: belief – skepticism –
disbelief

iacu'i [UI*1] skepticism
attitudinal: belief – skepticism –
disbelief

ianai [UI*1] disbelief
attitudinal: belief – skepticism –
disbelief

ibu [BY*] i
letteral for i

ie [UI1] agreement
attitudinal: agreement –
disagreement

ienai [UI*1] disagreement
attitudinal: agreement –
disagreement

ii [UI1] fear
attitudinal: fear – security

iinai [UI*1] security
attitudinal: fear – security

ija [JA*] sentence or
logical connective: sentence
afterthought or

ijanai [JA*] sentence if

logical connective: sentence
afterthought: (preceding sentence)
if this sentence

ije [JA*] sentence and
logical connective: sentence
afterthought and

ije'i [JA*] sentence conn ?
logical connective: sentence
afterthought conn question

ijenai [JA*] sentence but not
logical connective: sentence
afterthought x but not y

ijo [JA*] sentence iff
logical connective: sentence
afterthought biconditional/iff/if-
and-only-if

ijonai [JA*] sentence xor
logical connective: sentence
afterthought exclusive or; Latin
'aut'

iju [JA*] sentence whether
logical connective: sentence
afterthought whether-or-not

inaja [JA*] sentence only if
logical connective: sentence
afterthought conditional/only if

io [UI1] respect
attitudinal: respect – disrespect

ionai [UI*1] disrespect

attitudinal: respect – disrespect

iu [UI1] love

attitudinal: love – no love lost –
hatred

iucu'i [UI*1] no love lost

attitudinal: love – no love lost –
hatred

iunai [UI*1] hatred

attitudinal: love – no love lost –
hatred

ja [JA,jav] tanru or

logical connective: tanru-internal
afterthought or

ja'a [NA] bridj affirmer

bridj logical affirmer; scope is an
entire bridj

***ja'ai** [NAI] affirm last word

affirm last word: attached to
cmavo to affirm them; denies
negation by nai whenever it is
applicable.

Suggested as an affirmative of nai
by analogy with similar pairs

ja'e [BAI] therefore result

jalge modal, 1st place
resultingly

ja'enai [BAI*] nevertheless result

jalge modal, 1st place (event
causal)

ja'i [BAI] by rule

javni modal, 1st place (by standard
1)

orderly; by rule ...

ja'o [UI2] I conclude

evidential: I conclude

jabre [] brake

x1 brakes/causes to slow
motion/activity x2 with
device/mechanism/principle x3

jadni [jad,ja'i] adorn

x1 (object) adorns/decorates x2; x1
is an adornment/decoration of x2;
x2 is fancy/decorated
[fancy/decorated (= selja'i)];

jai [JAI] modal conversion

convert tense/modal (tagged) place
to 1st place; 1st place moves to
extra FA place (fai)

jaica [SE*] time conversion

convert time tense (tagged) place
to 1st place; 1st place moves to
extra place (fai)

jaigau [SE*] agent conversion

makes x1 the agent of a bridj; old
1st place moves to extra place (fai)

jaivi [SE*] location conversion

convert location tense (tagged)
place to 1st place; 1st place moves
to extra place (fai)

jakne [] rocket

x1 is a rocket [vehicle] propelled by jet expelling x2 carrying payload x3

jalge [jag,ja'e] result

x1 (action/event/state) is a result/outcome/conclusion of antecedent x2

(event/state/process)

[also: x2 gives rise to x1 (= sel'ja'e for reordered places); total (general meaning, but also = mekyja'e, pi'irja'e, sujya'e)];

jalna [] starch

x1 is a quantity of/contains/is made of starch from source x2 of composition including x3

jalra [] cockroach

x1 is a cockroach/

[orthopteran/termite] of order/species/breed x2

[also grasshopper (= pipyjalra); cricket (= sanjalra); locust, termite (= mantyjalra or mudyctijalra)];

(while cockroaches are an order unto themselves, they are part of Orthoptera, which includes grasshoppers, crickets, etc; termites are a closely-related non-Orthoptera, more akin to cockroaches than to e.g. ants);

jamfu [jaf,jma] foot

x1 is a/the foot [body-part] of x2; [metaphor: lowest portion] (adjective:) x1 is pedal

jamna [jam] war

x1 (person/mass) wars against x2 over territory/matter x3; x1 is at war with x2

janbe [jab] bell

x1 is a bell/chime/[tuning fork]

[tuned percussion instrument]

producing sound/note x2

[also: x1 rings/tolls (i.e. if it rings, then it is a bell); resonates (one sense, = jabdesku)];

janco [jan] shoulder

x1 is a/the shoulder/hip/joint

[body-part] attaching

limb/extremity x2 to body x3

janli [jal] collide

x1 collides with/crashes/

bumps/runs into x2

(also collide = simjanli for a collision between two moving objects);

jansu [jas] diplomat ('consul')

x1 is a diplomat/consul

representing polity x2 in/at

negotiation x3 for

function/purpose x4

[(for) x3 polity, (use tu'a); also ambassador (= raljansu, trujansu)];

janta [jat] account

x1 is an account/bill/invoice for goods/services x2, billed to x3 by x4

jarbu [] suburb

x1 is a suburban area of
city/metropolis x2

jarco [ja'o] show

x1 (agent) shows/exhibits/
displays/[reveals]/demonstrates x2
(property) to audience x3
[reveal (= tolmipygau, mipyja'o,
sivja'o)]; also: x1 shows that x2, x1
shows off x2; showing an object is
generally expressed with a tu'a x2,
since the properties of the shown
object (other than its presence)
intended for observation are
seldom specified (simple presence
could be expressed by leka [object]
cu zvati)];

jarki [jak] narrow

x1 is narrow in dimension x2 [2nd
most significant dimension] by
standard x3

jaspu [jap] passport

x1 is a passport issued to x2
(person) by authority x3 allowing
x4 (activity)

jatna [ja'a] captain

x1 is captain/commander/
leader/in-charge/boss of
vehicle/domain x2

jau [PA2] hex digit D

digit/number: hex digit D (decimal
13) [thirteen]

javni [jva] rule

x1 is a rule
prescribing/mandating/requiring x2
(event/state) within
system/community x3
[regulation, prescription (also x2),
principle, requirement (also x2),
prescribe, require (conditions are
usually contained within x2); x1 is
regulatory; x2, x3 are regulated];

jbama [bam] bomb

x1 is a bomb/explosive device with
explosive material/principle x2

jbari [jba] berry

x1 is a berry (fruit/plant) of
plant/species x2

jbena [jbe] born ('bear')

x1 is born to x2 at time x3
[birthday] and place x4
[birthplace]; x1 is native to (fo) x4
[x2 bears/gives birth to x1; also x3:
natal day];

jbena [jer] borrow

x1 (agent) borrows/ temporarily
takes/assumes x2 (object) from
source x3 for interval x4
[credit (= jernu'e); borrow/assume
a property or quality as a
chameleon does (= zaskai,
zasysmitra, zasysmitai)];

jbini [bin,bi'i] between

x1 is between/among set of points/bounds/limits x2 (set)/amidst mass x2 in property x3 (ka)

[x2 (a complete set, generally ordered) defines the bounds/limits/range for x1];

jdari [jar] firm ('hard')

x1 is firm/hard/resistant/unyielding to force x2 under conditions x3

jdice [jdi] decide

x1 (person) decides/makes decision x2 (du'u) about matter x3 (event/state)

jdika [] decrease

x1 (experiencer) decreases/contracts/is reduced/ diminished in property/ quantity x2 by amount x3

jdima [di'a] price

x1 [amount] is the price of x2 to purchaser/consumer x3 set by vendor x4
[x2 may be a specific object, a commodity (mass), an event, or a property; pedantically, for objects/commodities, this is sumti-raising from ownership of the object/commodity (= posydi'a, posyseldi'a for unambiguous semantics); price is something decided/set by the seller, and is closely akin to offer (friti), which is

what a buyer may decide; (note that price is not the same as cost/expense, which is the actual amount exchanged in a transaction; the latter is vecnu or canja; neither is the same as value or vamji; in colloquial English, these are sometimes interchanged, at least partially because of the rarity of barter and bargaining in the marketplace)];

jdini [din,di'i] money ('dinero')

x1 is money/currency issued by x2; (adjective:) x1 is financial/monetary/pecuniary/fiscal
['currency' sometimes is restricted to paper money (= pledi'i)];

jduli [dul,jdu] jelly

x1 is a quantity of jelly/ semisolid [texture] of material/composition including x2
[(adjective:) x1 is gelatinous];

je [JA,jev,jve] tanru and

logical connective: tanru-internal afterthought and

je'a [NAhE] scalar affirmer
scalar affirmer; denies scalar negation: Indeed!

je'e [COI] roger

vocative: roger (ack) – negative acknowledge; used to acknowledge offers and thanks

je'enai [COI*] negative

acknowledge

vocative: roger (ack) – negative

acknowledge; I didn't hear you

je'i [JA] tanru conn ?

logical connective: tanru-internal

afterthought conn question

je'o [BY1] Hebrew shift

shift letterals to Hebrew alphabet

je'u [UI3] truth

discursive: truth – falsity

je'unai [UI*3] falsity

discursive: truth – falsity

jecta [jec,je'a] polity ('state')

x1 is a polity/state governing

territory/domain x2;

[government/territory relationship]

[(adjective:): x1 is civil/political];

jeftu [jef] week

x1 is x2 weeks in duration (default

is 1 week) by standard x3

[re. x3, a week may be more or less

than seven days, classically being

tied to the time between trips to

the marketplace; this week (=

cabjeftu); next week (=

bavlamjeftu); last week (=

prulamjeftu)];

jegvo [jeg,je'o] Jehovist

x1 pertains to the common Judeo-Christian-Moslem

culture/religion/nationality in

aspect x2

[also Muslim];

jei [NU,jez] truth abstract

abstractor: truth-value abstractor;

x1 is truth value of [bridi] under

epistemology/metaphysics x2

[words usable for epistemology

typically have a du'u place]

jelca [jel] burn

x1 burns/[ignites/is

flammable/inflammable] at

temperature x2 in atmosphere x3

[default x2/x3 to normal

temperatures in air; ignite (=

jelcfa), flammable/inflammable

(usually = jelka'e or jelfrili)];

jemna [jme] gem

x1 is a gem/polished stone/pearl of

type x2 from

gemstone/material/source x3

[also jewel (= jmeja'i); gemstone (=

x2, x3, or jmero'i, jmekunra); pearl

(= selcakyjme – a gem found inside

a shell, tercakyjme – a gem made

of shell material, boijme – any ball-

shaped gem), mother-of-pearl (=

cakyjme)];

jenai [JA*] tanru but not

logical connective: tanru-internal

afterthought x but not y

jenca [jen] shock
x1 (event) shocks/stuns x2

jendu [jed] axle ('spindle')
x1 is an axle/spindle [tool] on
which x2 rotates, of
material/properties x3

jenmi [jem,jei] army
x1 (mass) is an army serving
group/community x2 (mass) in
function x3 (activity)

jerna [] earn
x1 (agent/person)
earns/[deserves/merits]
wages/salary/pay x2 for
work/service x3 (activity)
[also x2 earnings, reward (= zanseljerna or nemjerna),
punishment/comeuppance (= sfaseljerna, malseljerna); x3
behavior; job (= terjerna); x2 may
be a specific object, a commodity
(mass), an event, or a property;
pedantically, for
objects/commodities, this is sumti-
raising from ownership of the
object/commodity (= posyjerna,
posyseljerna for unambiguous
semantics)];

jersi [je'i] chase ('pursue')
x1 chases/pursues/ (physically)
follows after x2; volition is not
implied for x1 or x2
[x1 follows after x2];

jerxo [jex] Algerian
x1 reflects Algerian
culture/nationality in aspect x2

jesni [jes] needle
x1 is a needle [pointed shape/form,
not tool] of material x2

jetce [je'e] jet
x1 is a jet [expelled stream] of
material x2 expelled from x3

jetnu [jet,je'u] true
x1 (du'u) is true/truth by
standard/epistemology/metaphysic
s x2
[words usable for epistemology
typically have a du'u place];

jgalu [ja'u] claw ('talon')
x1 is a/the claw/nail/talon [body-
part] of x2; [metaphor: pointed,
penetrating, physical weapon]

jganu [jga] angle
x1 is an angle [2-dimensional
shape/form] from vertex x2
subtended by lateral [segment] x3
[also (adjective:): x1 is angular; x2
corner; (segment x3 can be defined
by interval)];

jgari [jai] grasp ('grip')
x1 grasps/holds/clutches/
seizes/grips/[hugs] x2 with x3 (part
of x1) at locus x4 (part of x2)
[hug (= birjai, pamjai); embrace (= xadjai); handshake (= xanjai,

jikyxanjai), handle (= veljai, veljaitci));

jgena [jge] knot

x1 is a knot/tangle in/between x2 (object/jo'u-objects)

[knot (verb = jgegau, jgezu'e, jgeri'a, jgela'a), knot: fastening between two or more cords (= jgeterjo'e)];

jgina [gin] gene

x1 is a gene of creature [or locus on creature] x2 determining trait/process x3

[also chromosome = (gincilta, ginpoi)];

jgira [jgi] pride

x1 (person) feels/has pride in/about x2 (abstraction) [an emotional combination of satisfaction and respect/esteem towards property(ies) or action(s) of person/entity that has a specific tie to emoter; self-pride (= se'ijgi, tolcumla); use x2 tu'a for pride in non-specific actions/properties of someone];

jgita [git] guitar ('guitar')

x1 is guitar/violin/fiddle/harp [stringed musical instrument] with actuator/plectrum/bow x2 [also lute, viola, cello];

ji [A] sumti conn ?

logical connective: sumti

afterthought connective question

ji'a [UI3b] in addition

discursive: additionally

ji'e [BAI] up to limit

jimte modal, 1st place limitedly; up to limit ...

ji'i [PA4] approximately

digit/number: approximately (default the typical value in this context) (number)

ji'ima'u [PA*] rounded up

rounded up (appended after string of digits indicating a rounded value)

ji'ini'u [PA*] rounded down

rounded down (appended after string of digits indicating a rounded value)

ji'o [BAI] under direction of

jitro modal, 1st place (control) controlledly; under direction of ...

ji'u [BAI] based on

jicmu modal, 1st place (assumptions); given that ...; based on ...

jibni [jbi] near

x1 is near/close to/approximates x2 in property/quantity x3 (ka/ni)

jibri [jib] job

x1 is a

job/occupation/employment/vocation (a type of work regularly done for pay) of person x2

[working for another (= selplijibri)];

jicla [] stir

x1 (object, or event: force)

stirs/mixes/[roils/agitates] fluid

(gas/liquid) x2

[convection (= nenflejicla); agentive

stirring (= jiclygau, jiclyzu'e)];

jicmu [cmu] basis

x1 is a basis/foundation/

underlying or fundamental

principle of x2; x1 is at the bottom of x2

[x2 is founded on basis x1 (= selcmu for reordered places);

(adjective:) x1 is

basic/basal/fundamental);

(generally events and properties

will be bases for events and states, while objects may be

bases/bottoms for objects)];

jiynu [jij] intuit

x1 (person) intuit x2 (du'u) about

subject x3; [epistemology]

[words usable for epistemology

typically have a du'u place];

jikca [jik] socialize ('social')

x1 interacts/behaves socially with

x2; x1 socializes with/is sociable

towards x2

***jikni** [] economic system

x1 consists of the economic system (production and distribution and consumption) of sector

components x2; x3 is economic.

jikru [] liquor

x1 is made of/contains/is a

quantity of liquor/spirits distilled from x2

jilka [jil] alkali

x1 is a quantity of/contains/is

made of alkali/base of composition including x2

[(adjective:) x1 is alkaline];

jilra [] jealous

x1 (person) is jealous of/envies x2

(person) about/for x3 (property – ka)

jimca [jic] branch ('limb')

x1 is a branch/bough/limb of x2; x2

forks into branches x1; [preferred over metaphorical birka]

[also appendage];

jimpe [jmi] understand

('comprehend')

x1 understands/comprehends

fact/truth x2 (du'u) about subject

x3; x1 understands (fi) x3

jimte [jit] limit

x1 is a limit/extreme/bound/

border/[confinement] of x2 in

property/domain x3

[restrain/constrain within limits (= jitr'i'u, jitygau, jityzu'e)];

jinci [] shears

x1 is a pair of shears/scissors for cutting x2

jinga [jig,ji'a] win ('gain')

x1 (person/team) wins/gains prize x2 from/over x3

[competitors/losers] in competition x4

[also: x1 is a victor; x2 reward; x3 competitors here are opponents and in many situations, defeated/losers, vs. the set of those competing for a goal; x2 may be a specific object, a commodity (mass), an event, or a property; pedantically, for objects/commodities, this is sumti-raising from ownership of the object/commodity (= posyji'a, posyselji'a for unambiguous semantics)];

jinku [] vaccine

x1 is a vaccine/immune-system stimulant protecting x2 against disease x3 introduced by method x4

[also serum; inoculation (= jestu'u veljinku)]

jinme [jim] metal

x1 is a quantity of/contains/is made of made of metal of composition including x2

[(adjective:) x1 is metallic];

jinru [jir] immerse

x1 (object/person) is immersed/submerged/bathes in liquid x2
[take a bath/bathe (= jirsezlu'i)];

jinsa [jis] clean

x1 (object) is clean/pure of material/contaminant/dirt x2 by standard x3

jinto [] well

x1 is a well/spring of fluid x2 at location x3

jinvi [jiv,ji'i] opine

x1 thinks/opines x2 [opinion] (du'u) is true about subject/issue x3 on grounds x4
[words usable for epistemology typically have a du'u place]

jinzi [jiz] innate

x1 (property – ka) is an innate/inherent/intrinsic/natural property/quality/aspect of x2

jipci [] chicken

x1 is a chicken/[hen/cock/rooster]/small fowl [a type of bird] of species/breed x2

jipno [jip,ji'o] tip ('point')

x1 is a tip/point/vertex/extremity/end [0-dimension

shape/form] on object x2 at locus
x3

jirna [] horn

x1 is a/the horn [body-part] of x2;
[metaphor: pointed extremity]

jisra [] juice

x1 is made of/contains/is a
quantity of juice/nectar from-
source/of-type x2
[water-based extract from a
(generally) biological source]

jitfa [jif] false

x1 (du'u) is false/is an untruth by
standard/epistemology/
metaphysics x2
[words usable for epistemology
typically have a du'u place];

jitro [tro] control

x1 has control over/
harnesses/manages/directs/condu-
cts x2 in x3
(activity/event/performance)
[x2 are aspects/individuals
controlled within activity/event x3;
manage (= selzuktro, selzukfu'e,
gu'etro, gunfu'e, xaktro, xakfu'e)
(as distinct from manager/boss =
gunterbe'e, gunja'a, gunmi'e,
gunca'i)];

jivbu [] weave

x1 weaves x2 from material/[yarn]
x3

jivna [jvi] compete ('rival')

x1 competes/vies with opponent x2
in contest/ competition x3 (event)
for gain x4; x1 rivals x2
[also x2 opponent(s),
competitor(s), rival(s); x3
competition, race; x4 prize, reward,
recognition (gain may be internal
or external)];

jmaji [jaj] gather

x1 (mass/jo'u) gathers/collects at
location x2 from locations x3
(mass/jo'u)
[also focus (= seljmaji)];

jmifa [] shoal ('reef')

x1 is a shoal [shallow hazard]/ reef
of material x2 in body of water x3
[rapids (= ri'erjmifa, ri'ercaxno)];

jmina [min] add ('augment')

x1 adds/combines x2 to/with x3,
with result x4; x1 augments x2 by
amount x3

jmive [miv,ji'e] live

x1 lives/is alive by standard x2; x1
is an organism/living thing
[(adjective:) x1 is vital, organic];

jo [JA,jov] tanru iff

logical connective: tanru-internal
afterthought biconditional/iff/if-
and-only-if

jo'a [UI3a] metalinguistic yes

discursive: metalinguistic affirmer

jo'e [JOI,jom] union

non-logical connective: union of sets

jo'i [JOHl] array

join mathematical expression (mex) operands into an array

jo'o [BY1] Arabic shift

shift letterals to Arabic alphabet

jo'u [JOI,jo'u] in common with

non-logical connective: in common with; along with (unmixed)

joi [JOI,jol] in a mass with

non-logical connective: mixed conjunction; and meaning mixed together, forming a mass

joibu [BY*] &

letteral: ampersand character; especially used in standing for a mixed connective

jonai [JA*] tanru xor

logical connective: tanru-internal afterthought exclusive or; Latin 'aut'

jordo [jor,jo'o] Jordanian

x1 reflects Jordanian culture/nationality in aspect x2

jerne [jon,jo'e] joined

x1 is joined to/connects to/is

united with x2 at common locus x3;

x1 and x2 are a union

[also joined/fastened/ attached by

joint x3/by means of x3/with

fastener x3; fastener (= jo'etci,

jonvely'a); train, sequence of

joined objects (= jonpoi; porjo'e for

a single object joined into a

sequence)];

ju [JA,juv] tanru whether

logical connective: tanru-internal afterthought whether-or-not

ju'a [UI2] I state

evidential: I state – (default) elliptical/non-specific basis

ju'e [JOI] vague connective

vague non-logical connective: analogous to plain .i

ju'i [COI] attention

vocative: attention – at ease – ignore me

ju'icu'i [COI*] at ease

vocative: attention – at ease – ignore me

ju'inai [COI*] ignore me

vocative: attention – at ease – ignore me

ju'o [UI5] certainty

attitudinal modifier: certainty – uncertainty – impossibility

ju'ocai [UI*5] quite certain
attitudinal modifier: intense
certainty

ju'ocu'i [UI*5] uncertainty
attitudinal modifier: certainty –
uncertainty – impossibility

ju'onai [UI*5] impossibility
attitudinal modifier: certainty –
uncertainty – impossibility

ju'opei [UI*6] how certain?
attitudinal: certainty question

ju'u [VUhU2] number base
binary mathematical operator:
number base; [a interpreted in the
base b]

jubme [jub,jbu] table
x1 is a table/flat solid upper surface
of material x2, supported by
legs/base/pedestal x3

judri [] address
x1 is an address of/are coordinates
of x2 in system x3

jufra [juf,ju'a] sentence ('phrase')
x1 (text) is a sentence/ statement
about x2
[topic/subject/predicate/focus] in
language x3
[phrase (= jufpau, suzrelvla, suzvla,
gensle)];

jukni [juk] spider ('arachnid')
x1 is a spider/arachnid/
[crustacean/crab/lobster/non-
insect arthropod] of species/breed
x2

jukpa [jup] cook
x1 cooks/prepares food-for-eating
x2 by recipe/method x3 (process)
[cook with heat (= glajukpa,
glaterjukpa), bake (= tokyjukpa); fry
(= rasyjukpa)];

julne [ju'e] net
x1 is a net/filter allowing passage
of x2, prohibiting passage of x3,
netting properties x4
[also sieve];

jundi [jud,ju'i] attentive ('attend')
x1 is attentive
towards/attends/tends/pays
attention to object/affair x2

jungo [jug] Chinese
x1 reflects Chinese [Mandarin,
Cantonese, Wu, etc.]
culture/nationality/language in
aspect x2

junla [jul] clock
x1 is clock/watch/timer measuring
time units x2 to precision x3 with
timing mechanism/method x4
[also timepiece];

junri [jur] serious

x1 (person) is serious/ earnest/has gravity about x2
(event/state/activity)
[also solemn (= drijunri, ri'irjunri, tcejunri)];

junta [] weight

x1 is the weight of object x2 in [gravitational or other force] field x3

jurme [jum] germ

x1 is a bacteria/germ/
microbe/protozoan/amoeba [1-
celled life] of species/defining
property x2

jursa [jus] severe ('harsh')

x1 (event/action/state) is
severe/harsh to x2
[victim/experiencer]

jutsi [jut] species

x1 is a species of genus x2, family
x3, etc.; [open-ended tree-
structure categorization]
[also subspecies, order, phylum;
(places do not correspond to
specific levels in the hierarchy;
rather, x1 is at a lower or bushier
part of the tree than x2, x2 is lower
than x3, etc.; skipping a place thus
means that there is one or more
known-and-unspecified levels of
hierarchy between the two); not
limited to Linnean animal/plant
taxonomy];

juxre [jux] clumsy ('awkward')

x1 (action) is clumsy/awkward by
standard x2

jvinu [vin,ji'u] view

x1 is the view/scene/
panorama/sight/prospect of x2
(object/location) from point-of-
view x3
[also x1 is on display to x2/x3];

jy [BY2] j

letteral for j

ka [NU,kam] property abstract

abstractor: property/quality
abstractor (-ness); x1 is
quality/property exhibited by
[bridi]

ka'a [BAI] gone to by

klama modal, 1st place
gone to by ...

ka'e [CAhA] innately capable of

modal aspect: innate capability;
possibly unrealized

ka'i [BAI] represented by

krati modal, 1st place
represented by ...

ka'o [PA5] imaginary i

digit/number: imaginary i; square
root of -1

ka'u [UI2] I know culturally

evidential: I know by cultural means (myth or custom)

kabri [] cup

x1 is a cup/glass/tumbler/mug/vessel/[bowl] containing contents x2, and of material x3 [a kabri is normally eaten from by lifting it; a palta is not];

kacma [] camera

x1 is a camera/photographic equipment recording illumination type x2 images to medium x3

kadno [] Canadian

x1 reflects Canadian culture/nationality in aspect x2

kafke [] cough

x1 coughs/farts/burps up/out x2 [predominantly gaseous] from orifice x3

kagni [kag] company

x1 is a company/corporation/firm/partnership chartered by authority x2 for purpose x3 [also enterprise/organization (if chartered)];

kai [BAI] characterizing

ckaji modal, 1st place characterizing ...

kajde [jde] warn ('caution')

x1 (event/experience) warns/cautions x2 (person) of/about danger x3 (event/state/property) [agentive warning (= jdegau, jdezu'e); an attempt to warn which may not succeed (= jdetoi, jdegautoi, jdezuktoi)];

kajna [] shelf ('counter')

x1 is a shelf/counter/bar in/on/attached to supporting object x2, for purpose x3

kakne [ka'e] able ('can')

x1 is able to do/be/capable of doing/being x2 (event/state) under conditions x3 (event/state) [also: has talent; know how to; know how to use (= plika'e)]; , cmavo list ka'e, cmavo list nu'o, cmavo list pu'i, djuno, zifre)

kakpa [] dig

x1 (agent) digs x2 [material] up/out of x3 [source/hole] with limbs/tool(s) x4 [also x1 cuts into x3 (with material removal)];

kalci [] feces ('shit')

x1 is a/the feces/excrement/dung/shit of x2 (animal/person); (adjective:) x1 is fecal (matter) [also crap];

kalri [kar] open

x1 (portal/passage/entrance-way)
is open/ajar/not shut permitting
passage/access to x2 by x3
[as a doorway];

kalsa [kas] chaotic
x1 is chaotic/disordered in
property/aspect x2 (ka)

kalte [kat] hunt
x1 hunts/stalks prey/quarry/game
x2 for purpose x3
[also verb: to fish (= fipkalte)];

kamju [] column
x1 is a column/pillar of material x2
[spine (= bogykamju), vertebra (= kamjybo'u)];

kamni [] committee
x1 (mass) is a committee with
task/purpose x2 of body x3
[board of
directors/trustees/cabinet (= trukamni, gritrukamni)]

kampu [kau] common
x1 (property – ka) is
common/general/universal among
members of set x2 (complete set)

***kamro** [] Welsh
x1 reflects Welsh language/culture
in aspect x2.

kanba [] goat ('kid, billy, baa')
x1 is a goat/angora/[billy-goat/kid]
of species/breed x2

kancu [kac] count
x1 (agent) counts the number in set
x2 to be x3 [number/count]
counting [off] by units x4
(x2 is complete set);

kandi [kad] dim
x1 is dim/dull/pale/non-intense in
property x2 (ka) as
received/measured by observer x3
[in colors, indicates unsaturated,
pastel, pale (though blabi can also
indicate a kind of paleness)];

kanji [kaj] calculate ('reckon')
x1 calculates/reckons/ computes
x2 [value (ni)/state] from data x3
by process x4

kanla [kal] eye ('ocular')
x1 is a/the eye [body-part] of x2;
[metaphor: sensory apparatus];
(adjective:) x1 is ocular
[x1 is optic];

***kanpe** [] expect
x1 expects/looks for the occurrence
of x2 (event), expected likelihood
x3 (0-1, default li so'a (i.e. near 1));
x1 subjectively evaluates the
likelihood of x2 (event) to be x3.
notes. The value of x3 is a
subjective estimate of likelihood
according to x1, and is the basic
determinant of whether kanpe
means something like hope or wish
or expect, although kanpe never

carries the connotation of desire;
for that connotation see *pacna*.
kanpe with *x3* not very close to 1
has no simple equivalent in English,
but for objects/states with
negligible expectation it is
something like wishing; if the state
is plausibly likely, it is something
like hoping. In both cases, though,
the English implication of
emotional desire is not present.
The value will usually be expressed
using inexact numbers (*li piso'u* to
li piro); non-desirous wish (= ??),
non-desirous hope (= ??);

kanro [ka'o] healthy
x1 is healthy/fit/well/in good
health by standard *x2*

kansa [kan] with ('accompany')
x1 is with/accompanies/is a
companion of *x2*, in
state/condition/enterprise *x3*
(event/state)
[*x1* is together with/along with *x2*]

kantu [ka'u] quantum
x1 is a quantum/ray/ elementary
particle/smallest measurable
increment of property/activity *x2*
[quantum ray (= *bonka'u*)];

kanxe [kax] conjunction
x1 is a conjunction, stating that *x2*
(*du'u*) and *x3* (*du'u*) are both true

karbi [kab] compare

x1 [observer] compares *x2* with *x3*
in property *x4* (*ka*), determining
comparison *x5* (state)

karce [] car
x1 is a car/automobile/truck/ van
[a wheeled motor vehicle] for
carrying *x2*, propelled by *x3*

karda [] card
x1 is a card [small nearly-2-
dimensional shape/form] of
material *x2*, shape *x3*
(*x3* shape default rectangular);

kargu [] costly
x1 (object/commodity/
property/event) is
costly/expensive/dear to *x2* by
standard *x3*
[*x1* may be a specific object, a
commodity (mass), an event, or a
property; pedantically, for
objects/commodities, this is *sumti-*
raising from ownership of the
object/commodity (= *poskargu* for
unambiguous semantics)];

karli [] collar
x1 is a collar/ring/belt/band
around/surrounding *x2* made of
material *x3*
[also sphincter];

karni [] journal
x1 is a journal/periodical/
magazine/[newspaper] with

content x2 published by x3 for audience x4

[x2 may be a subject, but not all journals have a single subject; all have some sort of principle defining what is included, so this need not be a list];

katna [ka'a] cut

x1 (tool/blade/force) cuts [through]/splits/divides x2 (object) into pieces x3
[for x1 force, it is a force acting as a blade, not acting upon a blade; agentive cutting (= ka'argau, ka'arzu'e)];

kau [UI3a] indirect question

discursive: marks word serving as focus of indirect question: I know WHO went to the store

kavbu [kav] capture ('catch')

x1 captures/catches/ apprehends/seizes/nabs x2 with trap/restraint x3
[catch something thrown (= rerkavbu)];

ke [KE,kem] start grouping

start grouping of tanru, etc; ... type of ... ; overrides normal tanru left grouping

ke'a [KOhA7] relativized it

pro-sumti: relativized sumti (object of relative clause)

ke'e [KEhE,kep,ke'e] end grouping
elidable terminator: end of tanru
left grouping override (usually elidable)

ke'i [GAhO] exclusive interval

open interval bracket marker; modifies intervals in non-logical connectives; exclude boundaries

ke'o [COI] please repeat

vocative: please repeat

ke'u [UI3] repeating

discursive: repeating – continuing

ke'unai [UI*3] continuing

discursive: repeating – continuing

kecti [kec,ke'i] pity

x1 (person) pities/feels sorry for x2 (person) about x3 (abstraction)

kei [KEI,kez] end abstraction

elidable terminator: end abstraction
bridi (often elidable)

kelci [kel,kei] play

x1 [agent] plays with plaything/toy x2

[play game (= ci'erkei), play competitively (= jvikei)];

kelvo [ke'o] kelvin

x1 is x2 degree(s) Kelvin [metric unit] in temperature (default is 1) by standard x3

kenra [ken] cancer
x1 is a cancer [malignant disease]
in x2

kensa [kes] outer space
x1 is outer space near/associated
with celestial body/region x2

kerfa [kre] hair
x1 is a/the hair/fur [body-part] of
x2 at body location x3

kerlo [ker] ear ('aural, earlobe')
x1 is a/the ear [body-part] of x2;
[metaphor: sensory apparatus,
information gathering]
[(adjective:): x1 is aural];

ketco [ket,tco] South American
(‘Quechua’)
x1 reflects South American
culture/nationality/geography in
aspect x2

kevna [kev,ke'a] cavity ('cave')
x1 is a cavity/hole/hollow/cavern in
x2; x1 is concave within x2; x2 is
hollow at locus x1
[also pit, depression, concavity;
hollow (= selke'a)];

ki [KI] tense default
tense/modal: set/use tense
default; establishes new open
scope space/time/modal reference
base

ki'a [UI6] textual confusion

attitudinal question: confusion
about something said

***ki'ai** [COI2] nonce interjection
Converts following cmevla or zoi-
quote into a nonce
interjection/attitudinal.

ki'anai [UI*6] understanding
non-question: understanding of
something said

ki'e [COI] thanks
vocative: thanks – no thanks to you

ki'enai [COI*] no thanks to you
vocative: thanks – no thanks to you

ki'i [BAI] as a relation of
ckini modal, 1st place (related to)
relatively; as a relation of ...

ki'o [PA3] number comma
digit/number: number comma;
thousands

ki'u [BAI] because of reason
krinu modal, 1st place (justified by)
justifiably; because of reason ...

ki'u ma [BAI*] with what reason?
sumti question asking for a rational
explanation/justification; why?

ki'unai [BAI*] despite reason
krinu modal, 1st place

***kibro** [kib] internet ('cyber')

x1 pertains to the internet/
cyberspace in aspect x2

kične [kic,ki'e] cushion

x1 cushions x2 with material x3; x1
is a cushion/pillow/pad [for x2] of
padding material x3

kijno [kij] oxygen

x1 is a quantity of/contains/is
made of oxygen (O); [metaphor:
supporting life/combustion]

kilto [ki'o] 1000 (metric 'kilo')

x1 is a thousand [1000; 1×10^3] of
x2 in dimension/aspect x3 (default
is units)

kinli [kil] sharp ('keen')

x1 is sharp/keen at locus x2

kisto [kis] Pakistani

x1 reflects Pakistani/Pashto
culture/nationality/language in
aspect x2

klaji [laj] street ('avenue')

x1 is a street/avenue/lane/
drive/cul-de-sac/way/alley/[road]
at x2 accessing x3
[also corridor; not typically a route
between points, but offers access
to sites along it];

klaku [kak] weep

x1 weeps/cries tears x2 about/for
reason x3 (event/state)

klama [kla] come

x1 comes/goes to destination x2
from origin x3 via route x4 using
means/vehicle x5
[also travels, journeys, moves,
leaves to ... from ...; x1 is a
traveller; (x4 as a set includes
points at least sufficient to
constrain the route relevantly)];

klani [lai] quantity

x1 is a quantity quantified/
measured/enumerated by x2
(quantifier) on scale x3 (si'o)
[also count];

klesi [kle,lei] class

x1 (mass/si'o) is a class/
category/subgroup/subset within
x2 with defining property x3 (ka)
[also type, kind, classification,
species, genus, family, order,
phylum];

klina [kli] clear

x1 (object/medium) is
clear/transparent/without obstacle
to in-the-clear x2 [transmission]
[also lucid; x2 remains
apparent/lucid/clear (figurative use
for 'understandable' is discouraged,
better expressed as = *filseljmi*)];

kliru [] chlorine

x1 is a quantity of/contains/is
made of halogen of type x2
[chlorine, fluorine, iodine, etc.]
[also bromine; default chlorine]

kliti [kit] clay

x1 is a quantity of/contains/is
made of clay [moist, clammy dirt]
of composition including x2

klupe [lup,lu'e] screw

x1 is a screw [fastener] for purpose
x2, threads [pitch, material] x3,
frame [size, material] x4
[also bolt];

kluz [luz] loose ('blouse')

x1 (obj.) is loose/bloused/not tight
on x2 (obj.) at locus x3

ko [KOhA3] imperative

pro-sumti: you (imperative); make
it true for you, the listener

ko'a [KOhA4] it-1

pro-sumti: he/she/it/they #1
(specified by goi)

ko'e [KOhA4] it-2

pro-sumti: he/she/it/they #2
(specified by goi)

ko'i [KOhA4] it-3

pro-sumti: he/she/it/they #3
(specified by goi)

ko'o [KOhA4] it-4

pro-sumti: he/she/it/they #4
(specified by goi)

ko'u [KOhA4] it-5

pro-sumti: he/she/it/they #5
(specified by goi)

kobli [kob,ko'i] cabbage ('cole-')

x1 is a quantity of
cabbage/lettuce/leafy vegetable of
species/strain x2

koi [BAI] bounded by

korbi modal, 1st place (bordered
by)

kojna [koj,ko'a] corner

x1 is a corner/point/at-least-3-
dimensional [solid] angle
[shape/form] in/on x2, of material
x3
[also apex; a corner exists on three
dimensions but need not be limited
to points; it suggests a
discontinuity in slope in some
direction; i.e. in some planar cross-
section];

kolme [kol,ko'e] coal

x1 is a quantity of/contains/is
made of coal/peat/
anthracite/bituminous from source
x2

komcu [kom] comb

x1 is a comb [many-needed shape]
of material x2 with tines/needles
x3

konju [kon,ko'u] cone

x1 is a cone [shape/form] of
material x2 with vertex x3

[also ellipse, ellipsoid (= konclupa)];

korbi [kor,koi] edge ('border, curb')

x1 is an edge/margin/border/
curb/boundary of x2 next-
to/bordering-on x3

korcu [kro] bent ('crooked,
corkscrew')

(adjective:) x1 is bent/ crooked/not
straight or direct/[twisted]/folded

korka [kok] cork

x1 is a quantity of/contains/is
made of cork/bark from
tree/species x2; [material]

***korvo** [] raven ('crow')

s1 is a crow/raven of species s2.

kosta [kos] coat

x1 is a coat/jacket/sweater/
cloak/[cape/shawl/pullover] [extra
outer garment] of material x2

***krali** [] entitlement

x1 (NU) is a legal/moral
entitlement of x2 (individual/mass)
by standard x3.

Normative principles, variously
construed as legal, social, or moral
freedoms or entitlements.

kramu [] acre

x1 is x2 local area unit(s) [non-
metric] (default 1) by standard x3,
x4 subunits

(additional subunit places may be
added as x5, x6, ...);

krasi [kra] source ('origin')

x1 (site/event) is a
source/start/beginning/origin of x2
(object/event/process)
[also root (figurative sense);
(adjective:) x1 is initial];

krati [ka'i] represent ('proxy')

x1 represents/is an
agent/proxy/stands-in for [absent]
x2 in matter(s)/function(s) x3
[also: on behalf of];

krefu [ref,ke'u] recur

x1 (event) is the x3'rd
recurrence/repetition of x2
(abstract); x2 happens again in
[form] x1
[also case, another, instance,
different, other, time, occasion];

krici [kri] believe ('creed')

x1 believes [without
evidence/proof] belief/creed x2
(du'u) is true/assumed about
subject x3
[without evidence refers to
objective external evidence; also
gives credence, has conviction];

krili [] crystal

x1 is a quantity of/contains/is
made of crystal of composition x2
in form/arrangement x3

[x2: composition including x2, which need not be complete specification];

krinu [rin,ki'u] reason

x1 (event/state) is a reason/justification/explanation for/causing/permitting x2 (event/state)

krixa [kix,ki'a] cry out

x1 cries out/yells/howls sound x2; x1 is a crier

kruca [kuc] intersect ('cross')

x1 intersects/crosses/ traverses x2 at locus x3

kruji [ruj] cream

x1 is made of/contains/is a quantity of cream/emulsion/ puree [consistency] of composition x2 [x2: composition including x2, which need not be complete specification];

kruvi [ruv,kru] curve

x1 is a curve/turn/bend in x2, at locus x3, and defined by set of points/properties x4 [(adjective:) x1 is curved; (x4 as a set of points is sufficiently specified to identify the relevant properties of the bend)];

ku [KU] end sumti

elidable terminator: end description, modal, or negator sumti; often elidable

ku'a [JOI,kuz] intersection

non-logical connective: intersection of sets

ku'e [KUhE] end mex forethought

elidable terminator: end mathematical (mex) forethought (Polish) expression; often elidable

ku'i [UI3b] however

discursive: however/but/in contrast

ku'o [KUhO] end relative clause

elidable terminator: end NOI relative clause; always elidable, but preferred in complex clauses

ku'u [BAI] in culture

kulnu modal, 1st place

kubli [kub] cube

x1 is a cube/regular polyhedron/polygon of dimensions x2 (def. 3), surfaces/sides x3 (def. 6)

kucli [] curious

x1 is curious/wonders about/is interested in/[inquisitive about] x2 (object/abstract) [inquisitive (= retkucli)];

kufra [kuf] comfort

x1 feels comfort/is comfortable with conditions/environmental property(ies) x2

kukte [kuk] delicious ('cooked, tasty')

x1 is delicious/tasty/delightful to observer/sense x2 [person, or sensory activity]
[x1 is a delicacy];

kulnu [klu] culture

x1 [mass of ideas, customs, skills, arts] is culture of nation/ethos x2 (mass); x1 is ethnic
[(note that x2 is NOT individual; culture is what is shared among people and is not an individual trait)];

kumfa [kum,ku'a] room

x1 is a room of/in structure x2 surrounded by partitions/walls/ceiling/floor x3 (mass/jo'u)
[also chamber];

kumte [] camel

x1 is a camel/llama/alpaca/vicuna/dromedary of species/breed x2
[llama (= tcokumte), Bactrian camel (= zdokumte); Arabian camel/dromedary (= rabykumte)];

kunra [kun] mineral ('mined')

x1 is/contains/is made from a mineral/ore of type/metal x2 mined from location/lode/ mine x3

kunti [kut] empty ('vacant')

x1 [container] is empty/ vacant of x2 [material]; x1 is hollow [also vacuum (= kunti be roda/so'ada)];

kurfa [kur] square

x1 is a right-angled shape/form defined by set of vertices x2, dimensions x3 (default 2)
[also rectangle, square, rectilinear; square (= kubykurfa, pitkubykurfa), cube (= kurkubli), rectangle (= clakurfa), rhombus/diamond (= sa'orkurfa, sa'orpitkubli)];

kurji [kuj,ku'i] take care of ('care')

x1 takes-care-of/looks after/attends to/provides for/is caretaker for x2 (object/event/person)
[also tends, cares for, keeps; x1 is a keeper/custodian of x2];

kurki [] bitter ('acidic')

x1 is bitter/acidic/sharply disagreeable to observer/sense x2

kuspe [kup,ku'e] range ('span')

x1 ranges/extends/spans/persists/reaches across/over interval/gap/area/scope/extent/range x2
[also continues];

kusru [kus] cruel

x1 (person) is cruel/mean/ unkind
to victim x2

ky [BY2] k

letteral for k

la [LA] that named

name descriptor: the one(s) called
... ; takes name or selbri description

la'a [UI3] probability

discursive: probability –
improbability

la'anai [UI*3] improbability

discursive: probability –
improbability

la'e [LAhE] the referent of

the referent of (indirect pointer);
uses the referent of a sumti as the
desired sumti

la'edi'u [KOhA*] last utterance it

pro-sumti: the referent of the last
utterance; the state described: IT
was fun

la'i [LA] the set of named

name descriptor: the set of those
named ... ; takes name or selbri
description

la'o [ZOI] the non-Lojban named

delimited non-Lojban name; the
resulting quote sumti is treated as
a name

***la'oi** [ZOhoI] one-word non-

Lojban name

quotes a single non-Lojban word
delimited by pauses (in speech) or
whitespace (in writing) and treats it
as a name

la'u [BAI] quantifying

klani modal, 1st place (amount)
quantifying ...; being a quantity of
...

la'u ma [BAI*] in what quantity?

sumti question asking for a
quantity; how many?

labno [] wolf ('lobo')

x1 is a wolf/lupine of species/breed
x2

lacpu [lap,cpu] pull

x1 pulls/tugs/draws/draws x2 by
handle/at locus x3
[gravity (= ka maicpu, maircupkai)];

***lacni** [] glasses

x1 is an eyewear used/worn by x2
serving purpose x3.

lacri [lac] rely

x1 relies/depends/counts on/trusts
x2 to bring about/ensure/maintain
x3 (event/state)

ladru [lad] milk ('lactic')

x1 is made of/contains/is a quantity of milk from source x2; (adjective:) x1 is lactic/dairy

lafti [laf] lift

x1 (force) lifts/applies raising/supporting force to x2 at locus x3 in gravity well x4 [(x1 may be an abstract); verb lift/raise/elevate (= lafmuvgau)]

lai [LA] the mass of named name descriptor: the mass of individual(s) named ... ; takes name or selbri description

lakne [la'e] probable ('likely') x1 (event/state/property) is probable/likely under conditions x2

lakse [lak] wax

x1 is quantity of wax [substance especially soft/moldable when warm] from source x2 [also paraffin];

***laldo** [] old ('old')

x1 is old/aged [relatively long in elapsed duration] by standard x2 .(= tolci'o)

lalxu [la'u] lake ('lagoon')

x1 is a lake/lagoon/pool at site/within land mass x2

lamji [lam,la'i] adjacent

x1 is adjacent/beside/next to/in contact with x2 in property/sequence x3 in direction x4 [also touching, contiguous, against];

lanbi [] protein ('albumin')

x1 is a quantity of protein/albumin of type x2 composed of amino acids (sequence/jo'u)

lanci [] flag ('banner')

x1 is a flag/banner/standard of/symbolizing x2 with pattern(s) x3 on material x4

lanka [] basket

x1 is a basket with contents x2, woven from material x3

lanli [lal] analyze

x1 analyzes/examines-in-detail x2 by method/technique/system x3 [process/activity]

lanme [lan] sheep ('lanolin, lamb')

x1 is a sheep/[lamb/ewe/ram] of species/breed x2 of flock x3

lante [] can

x1 is a can/tightly sealed/pre-sealed container for perishable contents x2, made of x3

lanxe [lax] balance

x1 is in balance/equilibrium under forces x2 (mass)

lanzu [laz] family ('clan')

x1 (mass) is a family with members including x2 bonded/tied/joined according to standard x3 [also clan, tribe; x2 is in x1, a member of x1 (selylanzu for reordered places); relative (= lazmi'u – xy mintu y'y leka cmima da poi lanzu)];

larcu [lar] art

x1 (process) is an art [creative application] of craft/skill x2 (idea/activity) [(adjective:): x1 is artistic];

lasna [la'a] fasten ('lash')

x1 (agent) fastens/connects/attaches/binds/lashes x2 to x3 with fastener x4 [no implication that result is considered a single object; although x2 and x3 may be reversible, x3 may be used for the substrate, the fixed/larger object to which x2 becomes attached];

lastu [] brass

x1 is a quantity of/contains/is made of brass [copper/zinc alloy] of composition including x2 [(adjective:): x1 is brazen)];

latmo [la'o] Latin

x1 reflects Latin/Roman/ Romance culture/empire/ language in aspect x2

latna [] lotus

x1 is a lotus, plant/flower/ herb of species/strain x2 symbolizing x3 to culture/religion x4

lau [LAU] punctuation mark

2-word letteral/shift: punctuation mark or special symbol follows

lazni [] lazy

x1 (person) is lazy/avoiding work/effort concerning action x2

le [LE] the described

non-veridical descriptor: the one(s) described as ...

le go'i [KOHA*] the x1 of last bridi

description pro-sumti: reuses the value of the x1 of the previous bridi]

le jaica [LE*] the time of

description: marks description extracting the time tense place of the description bridi

le jaigau [LE*] the agent in

description: marks description extracting the agentive place of the description selbri

le jaivi [LE*] the location of

description: marks description extracting the location place of the description bridi

le sego'i [KOhA*] the x2 of last
bridi

description pro-sumti: reuses the
value of the x2 of the previous
bridi]

le tego'i [KOhA*] the x3 of last bridi
description pro-sumti: reuses the
value of the x3 of the previous
bridi]

le vego'i [KOhA*] the x4 of last
bridi
description pro-sumti: reuses the
value of the x4 of the previous
bridi]

le xego'i [KOhA*] the x5 of last
bridi
description pro-sumti: reuses the
value of the x5 of the previous
bridi]

le'a [BAI] in category
klesi modal, 1st place (scalar set)
in/of category ...

***le'ai** [LEhAI] mistake indicator
replace recent mistakenly uttered
text

The lo'ai ... sa'ai ... le'ai
replacement construct asks the
listener to replace the text after
lo'ai with the text after sa'ai. The
order sa'ai ... lo'ai ... le'ai is also
allowed, and either or both parts
can be omitted and thus left up to
context. When both parts are

omitted, the word le'ai on its own
indicates that a mistake was made
while leaving all the details up to
context. It is also possible to attach
SAI to a le'ai construct: le'ai dai (or
le'ai da'oi ko'a) indicates that
someone else made a mistake; le'ai
pei asks whether someone else
made a mistake; and sai, ru'e and
cu'i can be used to indicate the
importance of the substitution.
Furthermore, le'ai nai can be used
to explicitly deny mistakes instead
of acknowledging them (compare
"sic").

le'e [LE,lem] the stereotypical
non-veridical descriptor: the
stereotype of those described as ...

le'i [LE] the set described
non-veridical descriptor: the set of
those described as ..., treated as a
set

le'o [UI5] aggressive
attitudinal modifier: aggressive –
passive – defensive

le'ocu'i [UI*5] passive
attitudinal modifier: aggressive –
passive – defensive

le'onai [UI*5] defensive
attitudinal modifier: aggressive –
passive – defensive

le'u [LEhU] end error quote

end quote of questionable or out-of-context text; not elidable

lebna [leb,le'a] take

x1 takes/gets/gains/obtains/seizes/[removes] x2 (object/property) from x3 (possessor) [also confiscate, appropriate]; [acquire with volition such that x1 gains possession; x3 is possessor and not merely source, alienation is implied];

ledo [LE*] your described as possessive/associative descriptor: the one(s) described as, of yours

lei [LE] the mass described non-veridical descriptor: the mass of individual(s) described as ...

leko'a [LE*] it-1's described as possessive/associative descriptor: the one(s) described as, of it-1's

lemi [LE*] my described as possessive/associative descriptor: the one(s) described as, of mine

lenjo [len,le'o] lens

x1 is a lens/glass [focussing shape/form] focussing x2 to focus/foci x3 by means/material x4 [(adjective:): x1 is optical; focussing may be optical or otherwise, hence x2 which may be light, sound, X-ray, etc., default is light/optical lens; ka is refraction]

lenku [lek] cold ('cool')

x1 is cold/cool by standard x2

lerci [lec] late

x1 (event) is late by standard x2

lerfu [ler,le'u] letteral

x1 (la'e zo BY/word-bu) is a letter/digit/symbol in alphabet/character-set x2 representing x3 [also x1 glyph, rune, character (also me'o BY/word-bu), x2 symbol set; (adjective:): x1 is alphabetic/symbolic; letteral used by analogy with numeral; sinxa is the more generic symbol];

leta [LE*] that one's

possessive/associative descriptor: nearby demonstrative possessive; cannot use for 'THAT ...'

leti [LE*] this one's

possessive/associative descriptor: immediate demonstrative possessive; cannot use for 'THIS ...'

letu [LE*] the yonder one's

possessive/associative descriptor: distant demonstrative possessive

leva [LE*] that there

located descriptor: descriptive that-there (non-demonstrative)

levi [LE*] this here

located descriptor: descriptive this-
here (non-demonstrative)

levu [LE*] that yonder
located descriptor: descriptive
that-yonder (non-demonstrative)

li [LI] the number
the number/evaluated expression;
convert
number/operand/evaluated math
expression to sumti

li'a [UI3] clearly
discursive: clearly – obscurely

li'anai [UI*3] obscurely
discursive: clearly – obscurely

li'e [BAI] preceded by
lidne modal, 1st place
preceded by ...; non-time
sequencing

li'i [NU,liz] experience abstract
abstractor: experience abstractor;
x1 is x2's experience of [bridj]
(participant or observer)

li'o [UI3a] omitted text
discursive: omitted text (quoted
material)

li'u [LlhU] end quote
elidable terminator: end
grammatical quotation; seldom
elidable except at end of text

libjo [lib] Libyan
x1 reflects Libyan
culture/nationality in aspect x2

lidne [li'e] precede ('leader')
x1 precedes/leads x2 in sequence
x3; x1 is
former/preceding/previous; x2 is
latter/following
[also x1 before, forerunner;
leading, as in 'leading indicators';
x2 after, trailing (= selyli'e for
reordered places)];

lifri [lif,fri] experience ('life')
x1 [person/passive/state]
undergoes/experiences x2
(event/experience); x2 happens to
x1
[also has/have (of
events/experiences); (adjective:) x1
is empirical; suggests passive
undergoing but does not exclude
active (per zukte) intent; a
deserved experience: reward or
punishment (= jernyfri, zanjernyfri,
maljernyfri)];

lijda [jda] religion
x1 is a religion of believers
including x2 sharing common
beliefs/practices/tenets including
x3
[also mythos, creed, traditional
beliefs, x2 people(s), adherents;
(adjective:) x1, x2, x3 are
religious/ecclesiastic in nature; x2
is a believer in/of x1, an

adherent/follower of x1 (= seljda for reordered places); x2 is a practitioner of x3 (= selterjda for reordered places); x3 is a tenet/belief/ritual/creed of x1/x2 (= terjda for reordered places); priest/clerical (= jdaca'i, jdaka'i, jdaja'a); organized church/religion (= be'ejda); congregation (= jdabe'e, jdagri)];

limna [lim] swim

x1 (agent) swims in fluid x2

lindi [lid] lightning

x1 is lightning/electrical arc/thunderbolt striking at/extending to x2 from x3 [also thunder (= lidysna)];

linji [lij,li'i] line

x1 is a line/among lines [1-dimensional shape/form] defined by set of points x2 [ray/vector (farli'i or porli'i)];

linsi [lin] chain ('links')

x1 is a length of chain/links of material x2 with link properties x3

linto [li'o] lightweight

x1 is light in mass/weight by standard x2

lisri [lis] story

x1 is a story/tale/yarn/ narrative about plot/subject/ moral x2 by storyteller x3 to audience x4

[also legend; a narrative need not be fictional; x2 may be merely a convention rather than a subject; also x3 tells/recounts story/tale x1 about x2 to x4 (= selterlisri for place reordering); note that the storyteller need not be the author];

liste [ste] list

x1 (physical object) is a list/catalog/register of sequence/set x2 in order x3 in medium x4 [also roll, log]; (x2 is completely specified);

litce [lic] liter

x1 is x2 liter(s) [metric unit] in volume (default is 1) by standard x3

litki [lik] liquid

x1 is liquid/fluid, of composition/material including x2, under conditions x3 [conditions include temperature and pressure];

litru [li'u] travel

x1 travels/journeys/goes/ moves via route x2 using means/vehicle x3; x1 is a traveller (x2 as a set includes points at least sufficient to constrain the route relevantly);

livga [] liver

x1 is a/the liver [body-part] of x2

livla [lii] fuel

x1 is a fuel/energy-source for powering x2

lo [LE] the really is

veridical descriptor: the one(s) that really is(are) ...

lo'a [BY1] Lojban shift

shift letterals to Lojban (Roman) alphabet

***lo'ai** [LOhAI] mistake quote

start quote of recent mistakenly uttered text to be replaced

lo'e [LE,lom] the typical

veridical descriptor: the typical one(s) who really is(are) ...

lo'i [LE] the set really is

veridical descriptor: the set of those that really are ..., treated as a set

lo'o [LOhO] end mex sumti

elidable terminator: end math express.(mex) sumti; end mex-to-sumti conversion; usually elidable

lo'u [LOhU] error quote

start questionable/out-of-context quote; text should be Lojban words, but needn't be grammatical

logji [loj] logic

x1 [rules/methods] is a logic for deducing/concluding/inferring/reasoning to/about x2 (du'u)

[also (adjective:) x1, x2 are logical];

loi [LE] the mass really is

veridical descriptor: the mass of individual(s) that is(are) ...

lojbo [lob,jbo] Lojbanic

x1 reflects [Loglandic]/ Lojbanic language/culture/nationality/community in aspect x2 [pre-Lojban forms of Loglan (= dzejbo)]

loidi [loi,loi] floor

x1 is a floor/bottom/ground of x2 [floor/level/story of a building/edifice (= setloi, dijysenta)];

lorxu [lor,lo'u] fox

x1 is a fox [bushy-tailed wild dog/canine] of species/breed x2

lu [LU] quote

start grammatical quotation; quoted text should be grammatical on its own

lu'a [LAhE] the individuals of

the members of the set/components of the mass; converts another description type to individuals

lu'e [LAhE] the symbol for the symbol for (indirect discourse); uses the symbol/word(s) for a sumti as the desired sumti

lu'i [LAhE] the set composed of the set with members; converts another description type to a set of the members

lu'o [LAhE] the mass composed of the mass composed of; converts another description type to a mass composed of the members

lu'u [LUhU] end sumti qualifiers elidable terminator: end of sumti qualifiers; usually elidable except before a sumti

lubno [lu'o] Lebanese x1 reflects Lebanese culture/nationality in aspect x2

lujvo [luv,jvo] affix compound x1 (text) is a compound predicate word with meaning x2 and arguments x3 built from metaphor x4

lumci [lum,lu'i] wash x1 (agent) washes/cleanses x2 of soil/contaminant x3 in/with cleaning material(s) x4 [agentless washing/cleansing (= cuvbi'o, jisybi'o)];

lunbe [lub] bare

x1 is bare/naked/nude; x1 is without cover/clothes/ [protection]

lunra [lur] lunar x1 is Earth's moon (default); x1 is a major natural satellite/moon of planet x2

lunsa [lus] condense x1 condenses/liquefies on/into x2 at temperature x3, pressure x4; x1 is dew/condensate on x2

ly [BY2] l
letteral for l

ma [KOhA7] sumti ?
pro-sumti: sumti question (what/who/how/why/etc.);
appropriately fill in sumti blank

ma'a [KOhA3] we with you
pro-sumti: me/we the speaker(s)/author(s) & you the listener(s) & others unspecified

ma'e [BAI] material object
marji modal, 1st place
material in object/substance ...

ma'i [BAI] in reference frame
manri modal, 1st place (by standard 2)

ma'o [MAhO] operand to operator
convert letteral string or other mathematical expression (mex)
operand to mex operator

ma'u [PA3] positive number
digit/number: plus sign; positive
number; default any positive

mabla [mal] derogative
x1 is a derogative
connotation/sense of x2 used by
x3; x3 derogates/'curses at' x2 in
form x1
[bloody (British sense), fucking,
shit, goddamn];

mabru [mab] mammal
x1 is a mammal/'animal'/ beast of
species x2

macnu [cnu] manual
x1 (event/action/process) is
manual [not automatic] in function
x2 under conditions x3

mai [MAI] sentence ordinal
utterance ordinal suffix; converts a
number to an ordinal, such as an
item or paragraph number

makcu [ma'u] mature
x1 is mature/ripe/fully-grown/adult
in development-quality x2 (ka)

makfa [maf] magic
x1 is magic/supernatural/
sorcery/witchcraft/wizardry to x2,
performed by person/force/deity
x3

maksi [mak] magnet

x1 is magnetic [adjective]
producing magnetic field x2

malsi [mas] temple
x1 is a temple/church/
sanctuary/synagogue/shrine of
religion x2 at location/ serving area
x3
[x2 may be event of form (...
worships/pays/respect to ...),
hence (metaphorically extending
to) monument (= mojmalsi,
si'armalsi)];

mamta [mam] mother ('mom')
x1 is a mother of x2; x1
bears/mothers/acts maternally
toward x2; [not necessarily
biological]

manci [mac] wonder
x1 feels wonder/awe/marvels
about x2

manfo [] uniform
x1 (object/event) is uniform/
homogeneous in property x2 (ka)

***mango** [] mango ('mango')
x1 is a mango of species x2.

manku [man] dark
x1 is dark/lacking in illumination

manri [mar] reference
x1 is a frame of reference/
standard for observing/

measuring/determining x2, with/by rules x3
(x1 may be object or si'o idea);

mansa [] satisfy

x1 satisfies evaluator x2 in property (ka)/state x3

manti [] ant

x1 is an ant of species/breed x2

mapku [map] cap

x1 is a cap/hat/crown/
helmet/piece of headgear [head-
top garment] of material x2

mapni [] cotton

x1 is a quantity of/contains/is
made of cotton [type of
fabric/material]

mapti [mat] fit ('match')

x1 fits/matches/suits/is
compatible/appropriate/correspon-
ds to/with x2 in property/aspect x3

marbi [mra] shelter ('harbor')

x1 is a shelter/haven/refuge/
retreat/harbor for/protecting x2
from danger/threat x3

marce [ma'e] vehicle

x1 is a vehicle/mode of transport
carrying x2 in/on surface/medium
x3, propelled by x4

marde [mad] morals

x1 are the ethics/morals/ moral
standards/ethical standards of x2
(ind./mass) about situation x3
[x1 will (typically) be an abstract, a
rule or rules of behavior; also
principles; also conscience (= sezmarde)];

margu [mag] mercury

x1 is a quantity of/contains/ made
of mercury/quicksilver; [metaphor:
fluid metal; temperature]

marji [maj,mai] material ('matter')

x1 is material/stuff/matter of
type/composition including x2 in
shape/form x3
[also (adjective:)] x1 is physical (one
sense)/material];

marna [] hemp ('marijuana')

x1 is a quantity of hemp/
marijuana/jute of species/strain x2

marxa [max] mash

x1 [force] mashes/crushes/
squashes/smashes x2 into
pulp/mash/crumbs/deformed mass
x3

masno [sno] slow

x1 is slow/sluggish at doing/
being/bringing about x2
(event/state)

masti [ma'i] month

x1 is x2 months in duration (default
is 1 month) by month standard x3

[this month (= cabma'i); next month (= bavla'ima'i); last month (= prula'ima'i)];

matci [] mat

x1 is a mat/pad/mattress/ pallet [flat, soft, dense form] of material x2

[also mattress = (kicymatci)];

matli [] linen

x1 is a quantity of/contains/is made of linen/flax [type of fabric/material]

matne [] butter

x1 is a quantity of/contains butter/oleo/margarine/shortening from source x2

[(adjective:) x1 is buttery; an edible fat, solid but spreadable at normal temperatures; dairy butter (= ladmatne)];

matra [] motor

x1 is a motor/engine, driving/ propelling/providing power to x2

mau [BAI] exceeded by

zmadu modal, 1st place (a greater) exceeded by ... ; usually a sumti modifier

mavji [mav] oats

x1 is a quantity of oats [grain] of species/strain x2

maxri [xri] wheat

x1 is a quantity of wheat [grain] of species/strain x2

me [ME] sumti to selbri

convert sumti to selbri/tanru element; x1 is specific to [sumti] in aspect x2

me'a [BAI] undercut by

mleca modal, 1st place (a lesser) undercut by ... ; usually a sumti modifier

me'e [BAI] with name

cmene modal, 1st place (requires quote)

with name ...; so-called ...

***me'ei** [ME] selbri converter

a generic operator for converting a sumti referring to a selbri into a selbri

me'e ma [BAI*] with what name?

sumti question asking for a name; who?; requires quoted name as an answer

me'i [PA3] less than

digit/number: less than

me'o [LI] the mex

the mathematical expression (unevaluated); convert unevaluated mathematical expression to sumti

***me'oi** [ZOhoI] non-Lojban brivla

Used as a convenient way to borrow foreign brivla into Lojban.
Equivalent to me la'e zo'oi.

me'u [MEhU] end sumti to selbri
elidable terminator: end sumti that was converted to selbri; usually elidable

mebri [mɛb] brow
x1 is a/the brow/forehead
[projecting flat/smooth head/body-part] of x2

megdo [mɛg] 1E6 (metric 'mega')
x1 is a million [$1 \times 10^{**6}$] of x2 in dimension/aspect x3 (default is units)

mei [MOI,mɛm,mɛi] cardinal selbri
convert number to cardinality selbri; x1 is the mass formed from set x2 with member(s) x3
[x1 is a mass with N components x3 composing set x2; x2 is an n-tuple (x2 is completely specified) (= selmei for reordered places); x1 forms an n-some; x3 (not necessarily a complete enumeration) are [among the] members of x2];

mekso [mɛk,mɛ'o] MEX
x1 [quantifier/expression] is a mathematical expression interpreted under rules/convention x2

melbi [mɛl,mɛ] beautiful
x1 is beautiful/pleasant to x2 in aspect x3 (ka) by aesthetic standard x4
[also handsome, pretty, gorgeous, cute, comely, graceful];

meljo [mɛj] Malaysian
x1 reflects Malaysian/Malay culture/nationality/language in aspect x2

menli [mɛn] mind ('mental')
x1 is a mind/intellect/psyche/mentality/[consciousness] of body x2
[(adjective:) x1 is mental/psychological/a mental phenomenon; multiple personalities (= so'i menli)];

mensi [mɛs,mɛ'i] sister
x1 is a sister of/sororal to x2 by bond/tie/standard/ parent(s) x3; [not necessarily biological]

mentu [mɛt,mɛ'u] minute
x1 is x2 minutes in duration (default is 1 minute) by standard x3

merko [mɛr] American
x1 pertains to USA/American culture/nationality/dialect in aspect x2

merli [mɛrɛ] measure

x1 (agent) measures/ evaluates x2 [quantity] as x3 units on scale x4 (si'o), with accuracy x5

mexno [mex] Mexican
x1 reflects Mexican culture/ nationality in aspect x2

mi [KOhA3,mib] me
pro-sumti: me/we the speaker(s)/author(s); identified by self-vocative

mi'a [KOhA3] we, not you
pro-sumti: me/we the speaker(s)/author(s) & others unspecified, but not you, the listener

mi'e [COI] self-introduction
self vocative: self-introduction – denial of identity; identifies speaker

mi'enai [COI*] no, I am not
self vocative: self-introduction – denial of identity; denies identity of speaker

mi'i [BIhl] center-range
non-logical interval connective:
ordered components: ... center, ...
range surrounding center

mi'o [KOhA3] me and you
pro-sumti: me/we the speaker(s)/author(s) & you the listener(s)

mi'u [UI3b] ditto
discursive: ditto

midju [mij] middle
x1 is in/at the middle/center/midpoint/[is a focus] of x2; (adjective:) x1 is central

mifra [mif] code ('cipher')
x1 is encoded/cipher text of plain-text x2 by code/coding system x3;
x1 is in code; x3 is a code [code (= termifra)];

mikce [mic] doctor ('medic')
x1 doctors/treats/nurses/ [cures]/is physician/midwife to x2 for ailment x3 by treatment/cure x4 [also medic; (adjective:) x1, x4 is medical; x2 is a patient of x1 (= selmikce for reordered places) ; x2 is treated by x1 person/x4 treatment/method; successfully cure transitive (= sadmikce, sadvelmikce), intransitive (= sadyselmikce, ka'orbi'o to not imply an external agent/process, though the x1 and x4 of mikce may be self/internal); treatment (= velmikce)];

mikri [mik] 1E-6 (metric 'micro')
x1 is a millionth [$1 \times 10^{** -6}$] of x2 in dimension/aspect x3 (default is units)

milti [mil] .001 (metric 'milli')
x1 is a thousandth [1/1000;
1x10**-3] of x2 in
dimension/aspect x3 (default is
units)

milxe [mli] mild
x1 is mild/non-extreme/
gentle/middling/somewhat in
property x2 (ka); x1 is not very x2

minde [mid,mi'e] command
x1 issues commands/orders to x2
for result x3 (event/state) to
happen; x3 is commanded to occur
[also: x1 orders/sets/[triggers] x2
to do/bring about x3; x1 is a
commander; commanded (= *termi'e*)];

minji [mi'ij] machine
x1 is a machine for use/function x2;
[automated apparatus, without
direct function control]
[also machinery/mechanism; a
machine is initiated/triggered by an
agent/force, but thereafter
performs its function
automatically; if self-directed, (a
minji is an) entity (= *zukte*)];

minli [] mile
x1 is x2 (default 1) long local
distance unit(s) [non-metric], x3
subunits, standard x4
(additional subunit places may be
added as x5, x6, ...);

minra [mir] reflect ('mirror')
x1 reflects/mirrors/echoes x2
[object/radiation] to
observer/point x3 as x4; x2
bounces on x1
[also: x1 is a mirror/reflector]; [x2
may be light, lu'e of an imaged
object; x4 may be image or echo or
the same as x2 if physical object; x3
may be a path for a bounced
object; ka is reflection];

mintu [mit,mi'u] same ('identical')
x1 is the same/identical thing as x2
by standard x3; (x1 and x2
interchangeable)

mipri [mip] secret
x1 keeps x2 secret/hidden from x3
by method x4; x2 is a secret; x1
hides/conceals x2
[intransitive hidden/secret, without
an agent (= *selcri* or *nalterju'o*);
secret (= *selmipri*)];

mirli [] deer
x1 is a deer/elk/moose/ [hart/
stag/doe] of species/breed x2

misno [mis,mi'o] famous
x1 (person/object/event) is
famous/renowned/is a celebrity
among community of persons x2
(mass)
[also celebrated/well-known;
(derogative meanings):
notorious/infamous (= *malmi'o*);

these could also be expressed using the referenced words]);

misro [] Egyptian ('Mizraim')

x1 reflects Egyptian culture/nationality in aspect x2

mitre [tre] meter

x1 is x2 meter(s) [metric unit] in length (default 1) measured in direction x3 by standard x4

mixre [mix,xre] mixture

x1 (mass) is a mixture/blend/colloid/commingling with ingredients including x2 [x2 mingles/mixes/blends into x1; x2 is in x1, an ingredient/part/component/element of x1 (= selxre for reordered places)];

mlana [mla] side ('lateral')

x1 is to the side of/lateral to x2 and facing x3 from point of view/in-frame-of-reference x4

mlatu [lat] cat

x1 is a cat/[puss/pussy/kitten] [feline animal] of species/ breed x2; (adjective:) x1 is feline

mleca [mec,me'a] less

x1 is less than x2 in property/quantity x3 (ka/ni) by amount x4 [also negative (= nonme'a)];

mledi [led] mold

x1 is a mold/fungus/mushrooms/truffles of species/strain x2 parasitic/growing on x3

mluni [lun] satellite ('moon')

x1 is a satellite/moon orbiting x2 with characteristics x3, orbital parameters x4

mo [GOhA] bridi ?

pro-bridi: bridi/selbri/brivla question

mo'a [PA4,mob] too few

digit/number: too few; subjective

mo'aroi [ROI*] too few times

tense interval modifier: too few times; objective tense; defaults as time tense

mo'e [MOhE] sumti to operand

convert sumti to mex operand; sample use in story arithmetic: [3 apples] + [3 apples] = what

mo'i [MOhI,mov] space motion

mark motions in space-time

mo'ibe'a [FAhA*] northwardly

space motion tense: northwardly; to the north directional space motion

mo'ibu'u [FAhA*] moving to

coincide

space motion tense: moving to
coincide directional space motion

mo'ica'u [FAhA*] forward
space motion tense: forward
directional space motion

mo'idu'a [FAhA*] eastwardly
space motion tense: eastwardly; to
the east directional space motion

mo'ifa'a [FAhA*] arriving at
space motion tense: arriving at;
arriving at a point directional space
motion

mo'iga'u [FAhA*] upwardly
space motion tense: upwardly;
upwards directional space motion

mo'ine'a [FAhA*] approximating
space motion tense:
approximating; moving around the
neighborhood of ... space motion

mo'ine'i [FAhA*] into
space motion tense: moving into
directional space motion

mo'ine'u [FAhA*] southwardly
space motion tense: southwardly;
to the south directional space
motion

mo'ini'a [FAhA*] downwardly
space motion tense: downwardly;
downwards directional space
motion

mo'ipa'o [FAhA*] passing through
space motion tense: passing
through directional space motion

mo'ire'o [FAhA*] along
space motion tense: along; along a
path directional space motion

mo'iri'u [FAhA*] rightwardly
space motion tense: rightwardly; to
the right directional space motion

mo'iru'u [FAhA*] orbiting
space motion tense: orbiting;
surrounding/annular directional
space motion

mo'ite'e [FAhA*] moving the
border
space motion tense: moving along
the border directional space
motion

mo'iti'a [FAhA*] rearwardsly
space motion tense: rearwardsly;
rearwards directional space motion

mo'ito'o [FAhA*] moving away
from
space motion tense: moving away
from a point directional space
motion

mo'ivu'a [FAhA*] westwardly
space motion tense: westwardly; to
the west directional space motion

mo'ize'o [FAhA*] outwardsly
space motion tense: outwardsly;
outward directional space motion

mo'izo'a [FAhA*] passing by
space motion tense: passing by a
site directional space motion

mo'izo'i [FAhA*] approaching
space motion tense: approaching
directional space motion

mo'izu'a [FAhA*] leftwardsly
space motion tense: leftwardsly; to
the left directional space motion

mo'o [MAI] section ordinal
higher-order utterance ordinal
suffix; converts a number to
ordinal, usually a section/chapter

mo'u [ZAhO] completive
interval event contour: at the
natural ending point of ...;
completive
| >|<

moi [MOI,mom,moi] ordinal selbri
convert number to ordinal selbri;
x1 is (n)th member of set x2
ordered by rule x3
(x2 is a completely specified set)

mokca [moc] point ('moment')
x1 is a point/instant/moment [0-
dimensional shape/form] in/on/at
time/place x2
[x1 is dimensionless];

moklu [mol,mo'u] mouth ('oral')
x1 is a/the mouth/oral cavity
[body-part] of x2; (metaphor:
entrance/intake for consumption)
[(adjective:) x1 is oral];

molki [mlo] mill
x1 is a mill/foundry/industrial
plant/[assembly line] performing
process x2
[(unlike fanri,) need not produce a
product; grain mill (= grumlo),
grinding mill (= zalmlo, zalmloci,
zalmloca'a)];

molro [mo'o] mole
x1 is x2 mole(s) [metric unit] in
substance (default is 1) by standard
x3

morji [moj,mo'i] remember
('memory')
x1 remembers/recalls/ recollects
fact(s)/memory x2 (du'u) about
subject x3

morko [mor] Moroccan
x1 reflects Moroccan culture/
nationality in aspect x2

morna [mon,mo'a] pattern ('form')
x1 is/reflects/represents a pattern
of forms/events x2 arranged
according to structure x3
[x3 is a [model] for x1 (= termontai,
or the more abstract = termonsio);
image (= gusmo'a, nenmo'a,

dairmo'a, selylenmo'a, selmirmo'a, velmirmo'a, but also all of these -tai instead of -mo'a for the ideal));

morsi [mro] dead ('mort-')
x1 is dead/has ceased to be alive [die/mortal (= mrobi'o, co'urji'e)];

mosra [mos] friction ('rub')
x1 is friction [force opposing motion] due to contact/ rubbing between x2 and x3; (fe) x2 rubs x3 [also x2 scrubs/wipes/brushes (against) x3 (= seltermosra); non-agentive rub (= termosra)];

mraji [] rye
x1 is a quantity of rye [grain] of species/strain x2

mrilu [mri] mail
x1 mails/posts [transfer via intermediary service] x2 to x3 from x4 by carrier/network/ system x5 [also x4 post office, mailbox];

mruli [mru] hammer
x1 [tool] is a hammer for/hammers x2 [target] consisting of weight/head x3 propelled by x4

mu [PA1,mum] 5
digit/number: 5 (digit) [five]

mu'a [UI3] for example
discursive: for example – omitting – end examples

mu'acu'i [UI*3] omitting examples
discursive: for example – omitting – end examples

mu'anai [UI*3] concluding
examples
discursive: for example – omitting – end examples

mu'e [NU1,muf] point-event
abstract
abstractor: achievement (event)
abstractor; x1 is the event-as-a-point/achievement of [bridi]

***mu'ei** [ROI] alternate history
Converts PA into tense; in [number (usually nonspecific)] possible worlds/alternate histories where [sumti (du'u)] is true.
Includes what may have happened if the past were different from the actual past.

mu'i [BAI] because of motive
mukti modal, 1st place

mu'i ma [BAI*] with what motive?
sumti question asking for a motive; why?

mu'inai [BAI*] despite motive
mukti modal, 1st place

mu'o [COI] over
vocative: over (response OK) – more to come

mu'onai [COI*] more to come
vocative: over (response OK) –
more to come

mu'u [BAI] exemplified by
mupli modal, 1st place

mucti [mut] immaterial
x1 is immaterial/not
physical/without material form

mudri [mud] wood ('lumber')
x1 is a quantity of/is made
of/contains wood/lumber from
tree(s) of type/species x2

muki'o [PA*] 5,000
number/quantity: 5,000 expressed
with comma

mukti [muk,mu'i] motive
x1 (action/event/state)
motivates/is a motive/incentive for
action/event x2, per volition of x3
[also; x3 is motivated to bring
about result/goal/objective x2 by
x1 (= termu'i for reordered places);
(note that 'under conditions' BAI
may apply and be appropriately
added to the main predicate level
or within the x2 action level)];

mulno [mul,mu'o] complete
x1 (event) is complete/done/
finished; x1 (object) has become
whole in property x2 by standard
x3

[also perfected, entirety;
(adverb/adjective:) entire, total,
integral, fully, totally, wholly,
completely, entirely];

mumei [MOI*] is a quintet
quantifier selbri: convert 5 to
cardinal selbri; x1 is a set with the
quintet of members x2

munoi [MOI*] is fifth among
quantified selbri: convert 5 to
ordinal selbri; x1 is fifth among x2
ordered by rule x3

munje [muj,mu'e] universe
x1 is a universe/cosmos [complete
and ordered entirety] of
domain/sphere x2 defined by rules
x3

[also world; a universe is a kind of
system, one which
comprehensively encompasses its
domain; e.g. 'universe of
discourse', or 'world of birds'; x3
are the rules/defining principles
which distinguish the universe from
other universes, or from non-
universe];

muno [PA*] 50
number/quantity: 50 [fifty]

munono [PA*] 500
number/quantity: 500 [five
hundred]

mupli [mup] example

x1 is an example/sample/
specimen/instance/case/illustratio
n of common property(s) x2 of set
x3

murse [] glimmering

x1 is the [astronomical]
twilight/dawn/dusk/half-
light/glimmering of day x2 at
location x3

[morning twilight, dawn (=
cermurse); evening twilight, dusk (=
vacmurse)];

murta [mur,mu'a] curtain

x1 is a curtain/blinds/drapes for
covering/obscuring aperture x2,
and made of material x3

muslo [mus] Islamic

x1 pertains to the Islamic/
Moslem/Koranic [Quranic]
culture/religion/nation in aspect x2
[also Muslim];

mutce [tce] much

x1 is much/extreme in property x2
(ka), towards x3 extreme/direction;

x1 is, in x2, very x3

[also very, pretty, a lot,
immoderate/immoderately,
intense, quite, extremely];

muvdu [muv,mu'u] move

x1 (object) moves to
destination/receiver x2 [away]
from origin x3 over path/route x4

[also mobile (= comymu'u, for the
non-specific opposite of immobile);
after a muvdu, object is alienated
from/no longer at origin (unless
physically returned there, per litru
or silu); agentive move (= muvgau,
muvzu'e), non-agentive transitive
move (= muvri'a), self-propelled (=
sezmuvgau), motion of a part of
the object (= pagmu'u), having a
moving part (= muvypau,
muvyselpau); apparent motion (=
mlumu'u)]; , litru, cliva, fatri;
dunda, benji for agentive
movement that does not
necessarily imply alienation from
origin, preja for similar movement
with no agent implied, bevri,
vimcu)

muzga [muz] museum

x1 is a museum for preserving [and
possibly exhibiting] x2 at location
x3

my [BY2] m

letteral for m

na [NA,nar] bridi negator

bridi contradictory negator; scope
is an entire bridi; logically negates
in some cmavo compounds

na'a [BY1] cancel shifts

cancel all letteral shifts

na'e [NAhE,nal] scalar contrary

contrary scalar negator: other than ...; not ...; a scale or set is implied

na'efa'a [FAhA*] not towards point space direction: not towards specified point, contrary negation; direction modal

na'epu'i [CAhA*] has never modal aspect: has never, and perhaps cannot; other-than-demonstrated-ability

na'i [UI3a] metalinguistic not discursive: metalinguistic negator

na'o [TAhE] typically tense interval modifier: characteristically/typically; tense/modal; defaults as time tense

na'onai [TAhE*] atypically tense interval modifier: atypically; subjective tense/modal; defaults as time tense

na'u [NAhU] selbri to operator convert selbri to mex operator; used to create less-used operators using le'avla, lujvo, etc.

na.a [A*] sumti only if logical connective: sumti afterthought conditional/only if

nabmi [nam] problem

x1 (event/state) is a problem to/encountered by x2 in situation/task/inquiry x3 [also: x1 requires consideration by x2];

nagi'a [GIhA*] bridri only if logical connective: bridri-tail afterthought conditional/only if

nago'i [GOhA*] deny last bridri selbri: repeats preceding bridri while denying it as false; pro-assign values are unchanged

nai [NAI] negate last word attached to cmavo to negate them; various negation-related meanings

naja [JA*] tanru only if logical connective: tanru-internal afterthought conditional/only if

nakni [nak] male ('masculine') x1 is a male/buck of species x2 evidencing masculine trait(s) x3 (ka); x1 is masculine

nalci [na'i] wing x1 is a/the wing [body-part] of x2; [metaphor: lateral supporting surface]

namcu [nac,na'u] number x1 (li) is a number/quantifier/digit/value/figure (noun); refers to the value and not the symbol

nanba [nab] bread

x1 is a quantity of/contains bread
[leavened or unleavened] made
from grains x2

nanca [na'a] year

x1 is x2 years in duration (default is
1 year) by standard x3; (adjective:)
x1 is annual
[this year (= cabna'a); next year (= bavlamna'a); last year (= prulamna'a)];

nandu [nad] difficult ('hard')

x1 is difficult/hard/ challenging for
x2 under conditions x3; x1
challenges (non-agentive) x2

nanla [] boy ('lad')

x1 is a boy/lad [young male person]
of age x2 immature by standard x3
[word dispreferred in
metaphor/example as sexist; (use
verba)];

nanmu [nau] man

x1 is a man/men; x1 is a male
humanoid person [not necessarily
adult]
[word dispreferred in
metaphor/example as sexist; (use
remna or prenu)];

nanvi [nav] 1E-9 (metric 'nano')

x1 is a billionth/thousand-millionth
[$1 \times 10^{** -9}$] of x2 in

dimension/aspect x3 (default is
units)

narge [nag] nut

x1 is a nut [body-part: hard-shelled
fruit] from plant/species x2 with
shell x3 and kernel x4
[also x4 nucleus, center (= velnarge
for place reordering)];

narju [naj] orange

x1 is orange [color adjective]

natfe [naf,na'e] deny

x1 (du'u) contradicts/denies/
refutes/negates x2 (du'u) under
rules/logic x3
[also exception (= nafmupli);
agentive contradict/deny (= nafxu'a
or tolxu'a)];

natmi [nat,nai] nation

x1 is a nation/ethnic group of
peoples x2; [people sharing a
history/culture]

nau [CUhE] reference point

tense: refers to current space/time
reference absolutely

navni [] neon

x1 is a quantity of/contains/is
made of inert gas of type x2
[neon/argon/radon/xenon]
[default neon]

naxle [nax,xle] canal

x1 is a canal/channel to **x2** from **x3**
with route **x4**
[**x2/x3** may be unordered];

nazbi [naz,zbi] nose ('nasal')
x1 is the nose [body-part] of **x2**
with nostril(s)/nasal passage(s) **x3**;
[metaphor: protrusion]
[also (adjective:) nasal];

ne [GOI] incidental phrase
non-restrictive relative phrase
marker: which incidentally is
associated with ...

ne'a [FAhA3] next to
location tense relation/direction;
approximating/next to ...

ne'i [FAhA3] within
location tense relation/direction;
within/inside of/into ...

ne'o [VUhU3] factorial
unary mathematical operator:
factorial; a!

ne'u [FAhA1] south of
location tense relation/direction;
south of

nei [GOhA] current bridi
pro-bridi: repeats the current bridi

nejni [nen] energy
x1 is energy of type **x2** in form **x3**
[ray/beam (= nenli'i)];

nelci [nel,nei] fond ('likes')
x1 is fond of/likes/has a taste for **x2**
(object/state)

nenri [ner,ne'i] in ('inner')
x1 is in/inside/within **x2**; **x1** is on
the inside/interior of **x2** [totally
within the bounds of **x2**]
[indicates total containment]; ,
jbini, zvati, cpana, sruri, senta,
snuji, bartu, diklo, jibni, jinru, setca)

ni [NU,nil] amount abstract
abstractor: quantity/amount
abstractor; **x1** is quantity/ amount
of [bridi] measured on scale **x2**

ni'a [FAhA2] below
location tense relation/ direction;
downwards/down from ...

ni'e [NIhE] selbri to operand
convert selbri to mex operand;
used to create new non-numerical
quantifiers; e.g. herd of oxen

ni'i [BAI] because of logic
nibli modal, 1st place
logically; logically because ...

ni'i ma [BAI*] by what logic?
sumti question asking for a logical
proof; why?

ni'inai [BAI*] despite logic
nibli modal, 1st place
despite logic ...

ni'o [NIhO] new topic
discursive: paragraph break;
introduce new topic

ni'u [PA3] negative number
digit/number: minus sign; negative
number); default any negative

nibli [nib,ni'i] necessitate
x1 logically necessitates/
entails/implies action/event/state
x2 under rules/logic system x3

nicte [cte] night
x1 is a nighttime of day x2 at
location x3; (adjective:) x1 is at
night/nocturnal
[tonight (= cabycte); tomorrow
night (= bavlamcte, even when
tonight is still in the future); last
night (= prulamcte)];

nikle [nik] nickel
x1 is made of/contains/is a
quantity of nickel/other metal
resistant to oxidation

nilce [ni'e] furniture
x1 [furniture items] furnishes x2
[location] serving purpose/function
x3

nimre [] citrus ('lime')
x1 is a quantity of citrus [fruit/tree,
etc.] of species/strain x2

ninmu [nim,ni'u] woman ('women')

x1 is a woman/women; x1 is a
female humanoid person [not
necessarily adult]
[word dispreferred in
metaphor/example as sexist; (use
remna or prenu)];

nirna [nir] nerve
x1 is a nerve/neuron [body-part] of
x2; [metaphor: information/control
network connection]
[also (adjective:) x1 is neural];

nitcu [tcu] need
x1 needs/requires/is dependent
on/[wants] necessity x2 for
purpose/ action/stage of process
x3
[no implication of lack];

nivji [niv] knit
x1 (agent) knits x2 [cloth/ object]
from yarn/thread x3

nixli [nix,xli] girl
x1 is a girl [young female person] of
age x2 immature by standard x3
[word dispreferred in
metaphor/example as sexist; (use
verba)];

no [PA1,non]
digit/number: 0 (digit) [zero,
nothing (= nomei, but also nozu'i)]

no'a [GOhA] next outer bridi
pro-bridi: repeats the bridi in which
this one is embedded

no'e [NAhE,nor,no'e] scalar
midpoint not
midpoint scalar negator: neutral
point between je'a and to'e; not
really

no'i [NIhO] old topic
discursive: paragraph break;
resume previous topic

no'o [PA5] typical value
digit/number: typical/average
value

no'u [GOI] incidental identity
non-restrictive appositive phrase
marker: which incidentally is the
same thing as ...

nobli [nol,no'i] noble
x1 is noble/aristocratic/elite/ high-
born/titled in/under
culture/society/standard x2
[also upper-class; high/low,
upper/lower are poor Lojban
metaphors; note x2 standard
applies when the title/nobility is
not recognized culture/society
wide; this would include self-
assumed titles];

noda [KOhA*] nothing at all
logically quantified sumti: nothing
at all (unless restricted)

noi [NOI] incidental clause

non-restrictive relative clause;
attaches subordinate bridi with
incidental information

nomo'o [MAI*] section 0
discursive utterance ordinal: zeroth
section/chapter ordinal; foreword

***norgo** [] Norwegian
x1 reflects Norwegian
culture/nationality in aspect x2

noroi [ROI*] never
tense interval modifier: never;
objectively quantified tense;
defaults as time tense

notci [not,noi] message ('note')
x1 is a message/notice/
memorandum about subject x2
from author x3 to intended
audience x4
[emphasis on brevity, single or
identifiable subject (contrast with
xatra: the emphasis in notci is on
the single or cohesively focused
subject, while the audience is less
defined – indeed only an 'intended'
audience. xatra need not have a
single or focussed subject – its
corresponding place is for
'content'); reminder/memo/note (=mojnnoi)];

nu [NU,nun] event abstract
abstractor: generalized event
abstractor; x1 is state/

process/achievement/activity of
[bridi]

nu'a [NUhA] operator to selbri
convert mathematical expression
(mex) operator to a selbri/tanru
component

nu'e [COI] promise
vocative: promise – promise
release – un-promise

nu'ecu'i [COI*] release from
promise
vocative: promise – promise
release – un-promise

nu'enai [COI*] non-promise
vocative: promise – promise
release – un-promise

nu'i [NUhI] start fore termset
start forethought termset
construct; marks start of place
structure set with logical
connection

nu'o [CAhA,nu'o] can but has not
modal aspect: can but has not;
unrealized potential

nu'u [NUhU] end fore termset
elidable terminator: end
forethought termset; usually
elidable except with following
sumti

nukni [nuk] magenta ('fuchsin')

x1 is magenta/fuchsia/ purplish-red
[color adjective]

nupre [nup,nu'e] promise
x1 (agent) promises/commits/
assures/threatens x2 (event/ state)
to x3 [beneficiary/ victim]

nurma [num] rural
x1 is a rural/rustic/pastoral area of
x2; x1 is in the country

nutli [nul,nu'i] neutral
x1 is neutral/not taking
sides/medial/not towards any
extreme on scale/in dissension x2
[also x2 dispute/struggle (though
x2 is not limited to disagreements,
which is merely one manifestation
of scalar or distributed values in
which there is a medial position)];

nuzba [nuz] news
x1 (du'u) is news/tidings/new
information about subject x2 from
source x3, to observer x4

***nuzlo** [] New Zealander
x1 reflects New Zealand culture/
nationality/geography/dialect in
aspect x2.

ny [BY2] n
letteral for n

o [A] sumti iff

logical connective: sumti
afterthought biconditional/iff/if-
and-only-if

o'a [UI1] pride
attitudinal: pride –
modesty/humility – shame

o'acu'i [UI*1] modesty
attitudinal: pride –
modesty/humility – shame

o'anai [UI*1] shame
attitudinal: pride –
modesty/humility – shame

o'e [UI1] closeness
attitudinal: closeness – distance

o'enai [UI*1] distance
attitudinal: closeness – distance

o'i [UI1] caution
attitudinal: caution – rashness

o'inai [UI*1] rashness
attitudinal: caution – rashness

o'o [UI1] patience
attitudinal: patience – mere
tolerance – anger

o'ocu'i [UI*1] mere tolerance
attitudinal: patience – mere
tolerance – anger

o'onai [UI*1] anger

attitudinal: patience – mere
tolerance – anger

o'u [UI1] relaxation
attitudinal: relaxation – composure
– stress

o'ucu'i [UI*1] composure
attitudinal: relaxation – composure
– stress

o'unai [UI*1] stress
attitudinal: relaxation – composure
– stress

obu [BY*] o
letteral for o

oi [UI1] complaint
attitudinal: complaint – pleasure

oinai [UI*1] pleasure
attitudinal: complaint – pleasure

oire'e [UI*1] spiritual complaint
attitudinal: spiritual/religious
complaint

oiro'a [UI*1] embarrassment
attitudinal: social complaint

oiro'e [UI*1] puzzlement
attitudinal: mental complaint
(puzzlement, excess mental work)

oiro'i [UI*1] anxiety
attitudinal: emotional complaint

oiro'o [UI*1] physical pain
attitudinal: physical complaint

oiro'u [UI*1] sexual complaint
attitudinal: sexual complaint

onai [A*] sumti xor
logical connective: sumti
afterthought exclusive or; Latin
'aut'

pa [PA1,pav] 1
digit/number: 1 (digit) [one]

pa'a [BAI] in addition to
panra modal, 1st place (parallel;
shared property) similarly; in
addition to ...

pa'aku [BAI*] each respectively
sumti: explicitly marks respective
use as in THEY read THEIR
(respective) books

pa'e [UI3] justice
discursive: justice – prejudice

pa'enai [UI*3] prejudice
discursive: justice – prejudice

pa'i [VUhU2] ratio
binary mathematical operator:
ratio; [the ratio of a to b]

pa'o [FAhA3] transfixing
location tense relation/direction;
transfixing/passing through ...

pa'u [BAI] having component
pagbu modal, 1st place

pabi [PA*] 18
number/quantity: 18 [eighteen]

paci [PA*] 13
number/quantity: 13 [thirteen]

pacna [pa'a] hope
x1 hopes/wishes for/desires x2
(event), expected likelihood x3 (0-
1); x1 hopes that x2 happens
[also: x1 is hopeful of x2; x2 will
hopefully occur, as hoped for by x1;
the value of x3 is a subjective
estimate of likeliness according to
x1, and is the basic determinant of
whether pacna means 'hope' or
'wish' or 'expect': hoping for
objects/states with negligible
expectation is wishing; if the state
is plausibly likely, it is hoping; when
the probability is subjectively near
1, the attitude is described as
expecting; the value will usually be
expressed using inexact numbers (li
piso'u to li piro); wish (= sotpa'a),
hope (= sorpa'a), expect (=
sojypa'a)];

pagbu [pag,pau] part
x1 is a part/component/
piece/portion/segment of x2
[where x2 is a whole/mass]; x2 is
partly x1
[partly (= selpau)];

pagre [gre] pass through
x1 passes through/penetrates
barrier/medium/portal x2 to
destination side x3 from origin side
x4
[passing through in both directions
(= rolfargre, pagre ... i so'ivo'ivo'u
(and vice versa))];

pai [PA5] pi
digit/number: pi (approximately
3.1416...)

pajni [pai] judge
x1 judges/referees/ arbitrates/is a
judge determining/deciding matter
x2 (abstract)
[x2 includes jei = rule (jetpai), ni =
estimate (lairpai), ka = evaluate
(kairpai or vampai), or nu =
referee/arbitrate (faurpai); single
events of judging including specific
decisions/judgements (= paijdi,
jetpaijdi, lairpaijdi, kairpaijdi,
vampaijdi, faurpaijdi); jury (=
pairkamni), serve on a jury (=
kamnypai, as part of mass x1)];

paki'o [PA*] 1,000
number/quantity: 1,000 expressed
with comma

palci [pac] evil
x1 is evil/depraved/wicked [morally
bad] by standard x2

palku [pak] pants

x1 are pants/trousers/
slacks/leggings [legged garment] of
material x2

palne [] tray ('pan, platter')
x1 is a tray/platter/flat container
[pan/sheet/griddle] of contents x2,
and made of material x3
[also pallet, when used for carrying
rather than support on the ground;
a tray is flat-bottomed and shallow
or without a rim, and is generally
portable];

palta [] plate ('platter')
x1 is a plate/dish/platter/ saucer
[flat/mildly concave food service
bed] made of material x2

pamai [MAI*] firstly
discursive: first utterance ordinal

pambe [] pump
x1 is a pump/injector
[tool/apparatus] pumping/inserting
fluid x2 to x3 from x4 by means x5
[x2 fluid may be liquid or gas; x5
may be a force; a pump generally
causes a pressure gradient, such
that x3 is a place of lower pressure,
x4 a place of higher pressure];

pamei [MOI*] is singular
quantified selbri: convert 1 to
cardinal selbri; x1 is a set with
single/sole/only member x2

pamo'o [MAI*] section 1

discursive utterance ordinal: first
section/chapter ordinal

pamoi [MOI*] is first among
quantified selbri: convert 1 to
ordinal selbri; x1 is first among x2
ordered by rule x3

pamu [PA*] 15
number/quantity: 15 [fifteen]

panci [pan] odor ('fragrance')
x1 is an odor/fragrance/scent/smell
emitted by x2 and detected by
observer/sensor x3
[an undetected emitter is odorless
to the observer];

pandi [pad] punctuate
x1 (agent) punctuates x2
(expression) with symbol/word x3
with syntactic/semantic effect x4

panje [] sponge
x1 is a quantity of/contains/is
made of sponge/porous material
[also metaphorically used for coral,
Swiss cheese];

panka [] park
x1 is a park/land reserve managed
by community/ polity/company x2
for purpose x3

panlo [pa'o] slice
x1 is a slice [thin flat portion] of x2
(mass)

pano [PA*] 10
number/quantity: 10 [ten]

panomei [MOI*] is a decade
quantifier selbri: convert 10 to
cardinal selbri; x1 is a set with the
decade of members x2

panomoi [MOI*] is tenth among
quantified selbri: convert 10 to
ordinal selbri; x1 is tenth among x2
ordered by rule x3

panono [PA*] 100
number/quantity: 100 [one
hundred]

panomei [MOI*] is a century
quantifier selbri: convert 100 to
cardinal selbri; x1 is a set with the
century of members x2

panpi [pap] peace
x1 is at peace with x2

panra [] parallel
x1 parallels x2 differing only in
property x3 (ka; jo'u/fa'u term) by
standard/geometry x4
[also: x1 is parallel to x2, x3 is the
only difference between x1 and x2
(= terpanra for reordered places);
x1 and x2 are
alike/similar/[congruent]; a parallel
involves extreme close similarity/
correspondence across the entirety
of the things being compared,
generally involving multiple

properties, with focus placed on one or a small number of differences];

pante [pat] protest

x1 protests/objects to/ complains about x2 (event/state) to audience x3 with action x4
(x4 is an event or tu'a quotation)

panzi [paz] offspring

x1 is a [biological] offspring/ child/kid/hybrid of parent(s) x2;
(adjective:) x1 is filial

papa [PA*] 11

number/quantity: 11 [eleven]

papri [] page ('paper')

x1 is a [physical] page/leaf of book/document/bound mass of pages x2
[numbered pages (as in a book) are the sides of a page (= paprysfe, paprysfelai); a pageful of text (= papryselcidu, paprycidylai)];

parbi [pab] ratio ('rate')

x1 (me'o, fraction) is a ratio/ rate of x2 (quantity) with respect to x3 (quantity), [x2:x3]
[also x1 fraction/proportion/ quotient; x2 dividend/ numerator; x3 divisor/ denominator];

pare [PA*] 12

number/quantity: 12 [twelve]

paremei [MOI*] is a dozen quantified selbri: convert 12 to cardinal selbri; x1 is a set with a dozen members x2

***parji** [] parasite

x1 is a parasite of x2.

paroi [ROI*] once

tense interval modifier: once; objectively quantified tense; defaults as time tense

paso [PA*] 19

number/quantity: 19 [nineteen]

pastu [pas] robe ('tunic')

x1 is a robe/tunic/gown/ cloak/dress/[coveralls] [a long/full body garment] of material x2 [also coveralls (= paspalku)];

patfu [paf,pa'u] father ('pop, padre')

x1 is a father of x2; x1 begets/sires/acts paternal towards x2; [not necessarily biological]

patlu [] potato

x1 is a potato [an edible tuber] of variety/cultivar x2
(use samcu for starchy/ tuberous roots that do not reproduce from eyes of tuber);

patxu [pax] pot

x1 is a pot/kettle/urn/tub/ sink, a deep container for contents x2, of material/ properties x3

pau [UI3a] question follows
discursive: optional question
premarker

paunai [UI*3] rhetorical question
discursive: unreal/rhetorical
question follows

pavo [PA*] 14
number/quantity: 14 [fourteen]

paxa [PA*] 16
number/quantity: 16 [sixteen]

paze [PA*] 17
number/quantity: 17 [seventeen]

pe [GOI] restrictive phrase
restrictive relative phrase marker:
which is associated with ...; loosest
associative/possessive

pe'a [UI3c,pev] figurative
marks a construct as figurative
(non-literal/ metaphorical)
speech/text
[in figurative speech, metaphors
may arbitrarily ignore omitted
place structures]

pe'e [PEhE] termset conn mark
marks the following connective as
joining termsets

pe'i [UI2] I opine
evidential: I opine (subjective
claim)

pe'o [PEhO] fore mex operator
forethought flag for mathematical
expression (mex) Polish
(forethought) operator

pe'u [COI] please
vocative: please

pei [CAI] emotion ?
attitudinal: attitudinal question;
how do you feel about it? with
what intensity?

pelji [ple] paper ('page')
x1 is paper from source x2
[sheet of paper (= plekarda if shape
is important, plebo'o)];

pelxu [pel] yellow
x1 is yellow/golden [color
adjective]

pemci [pem] poem
x1 is a poem/verse about
plot/theme/subject/pattern x2 by
author x3 for intended audience x4
[x2 may be a convention rather
than a subject];

penbi [peb] pen
x1 is a pen using ink x2 applied by
process x3

pencu [pec,pe'u] touch

x1 (agent) touches **x2** with **x3** [a locus on **x1** or an instrument] at **x4** [a locus on **x2**]

pendo [ped,pe'o] friend

x1 is/acts as a friend of/to **x2** (experiencer); **x2** befriends **x1**

penmi [pen,pe'i] meet

x1 meets/encounters **x2** at/in location **x3**

pensi [pes,pei] think ('pensive')

x1 thinks/considers/cogitates/reasons/is pensive about/ reflects upon subject/concept **x2**
[also: **x1** is thoughtful (one sense); **x2** is mental (one sense)/intellectual (one sense) (= selpei)];

perli [per] pear

x1 is a pear [fruit] of species/strain **x2**

pesxu [pex] paste

x1 is paste/pulp/dough/mash/mud/slurry [soft, smooth-textured, moist solid] of composition **x2**
[**x2**: composition including **x2**, which need not be complete specification];

petso [pet] 1E15 (metric 'peta')

x1 is 1×10^{15} of **x2** in dimension/aspect **x3** (default is units)

pezli [pez] leaf

x1 is a leaf of plant **x2**; **x1** is foliage of **x2**

pi [PA3,piz] decimal point

digit/number: radix (number base) point; default decimal

pi'a [VUhU4] matrix of rows

n-ary mathematical operator: operands are vectors to be treated as matrix rows

pi'e [PA3] digit separator

digit/number:separates digits for base >16, not current standard, or variable (e.g. time, date)

pi'i [VUhU1] times

n-ary mathematical operator: times; multiplication operator; [(((a * b) * c) * ...)]

pi'o [BAI] used by

pilno modal, 1st place

pi'u [JOI,piv] cross product

non-logical connective: cross product; Cartesian product of sets

picti [pic] 1E-12 (metric 'pico')

x1 is a trillionth [1×10^{-12}] of **x2** in dimension/aspect **x3** (default is units)

pidu'e [PA*] too much of

number: too much of

pji'i [PA*] approximately all of
number: approximately all of

pijne [] pin

x1 is a pin/peg (needle-shaped
tool) for fastening to/piercing x2, of
material/properties x3

pikci [] beg ('supplicate')

x1 begs/pleads/supplicates/
entreats/implores/beseches/pray
s [asks with humility] x2 for x3
[also importune, petition, plea,
solicit; x2 benefactor, patron; x3
boon, favor, gift, alms]

pikta [] ticket

x1 is a ticket entitling x2 to
entitlement/privilege x3
(event/state) under conditions x4

pilji [pi'i] multiply ('multiply')

x1 is the product/total/result of
factors/multiplicands (x2 and x3) x2
multiplied by x3

pilka [pil,pi'a] crust ('peel')

x1 is a crust/rind/peel/skin/
hide/outer cover of x2
, gacri)

pilno [pli] use ('employ')

x1 uses/employs x2 [tool,
apparatus, machine, agent, acting
entity, material] for purpose x3
[also utilize; x2 is useful/used
productively by x1 to do x3 (= selpli

for reordered places); hire/employ
(= le'ipli, lejypliku'a)];

pimlu [pim,pi'u] feather ('plume')

x1 is a/the feather/plume(s)/
plumage [body-part] of
animal/species x2

pimo'a [PA*] too little of

number: too little of

pimucu'o [MOI*] has even odds

quantified selbri: convert .5 to
probability selbri; event x1 has a
50/50 chance under cond. x2

pinca [] urine ('piss')

x1 is a/the urine/piss/pee of x2

pindi [pid] poor ('indigent')

x1 is poor/indigent/
impoverished/lacking in
goods/possessions/property x2
[x2 is scanty/meager/lacking for
x1];

pinfu [pif] prisoner ('captive')

x1 is a prisoner/captive of x2,
restrained/held/confined by
means/force x3

pinji [] penis

x1 is a/the clitoris/penis [projecting
reproductive organ; body-part] of
x2

[normally context eliminates need
for specificity; otherwise: penis (=
nakpinji), clitoris (= fetpinji)];

pinka [pik] comment

x1 (text) is a comment/
remark/observation about subject
x2 expressed by x3 to audience x4
[also: x3 comments/remarks/ says
x1 about x2 (= terselpinka for
reordered places)];

pinsi [pis] pencil

x1 is a pencil/crayon/stylus
applying lead/markings material x2,
frame/support [of material] x3
[also writing brush; x1 stimulates
substrate medium x2 to display
marks; explicitly denoting a
standard lead pencil (= tabypinsi)]; ,
burcu, bakri)

pinta [pin] level ('horizontal')

x1 is flat/level/horizontal in
gravity/frame of reference x2

pinxe [pix] drink

x1 (agent) drinks/imbibes
beverage/drink/liquid refreshment
x2 from/out-of container/source x3

pipno [pi'o] piano

x1 is a piano/harpsichord/
synthesizer/organ; a keyboard
musical instrument

piresi'e [MOI*] is a fifth portion
quantified selbri: convert .2 = 1/5
to portion selbri; x1 is 1/5 of
mass/totality x2

piro [PA*] all of
number: all of

pirosi'e [MOI*] is the whole of
quantified selbri: converts all-of to
portion selbri; x1 is the whole
portion of mass x2

piro'a [PA*] almost all of
number: almost all of

piro'i [PA*] much of
number: much of

piro'iroi [ROI*] much of the time
tense interval modifier: often;
objectively quantified tense;
defaults as time tense

piro'u [PA*] a little of
number: a little of

piro'uroi [ROI*] rarely
tense interval modifier: rarely;
objectively quantified tense;
defaults as time tense

pisu'o [PA*] at least some of
number: at least some of

pixra [pir,xra] picture
x1 is a picture/illustration
representing/showing x2, made by
artist x3 in medium x4
[also (adjective): x1 is
pictorial/illustrative; drawing (=
xraselci'a), x1 draws x2 (=
xraci'a/xraci'a), image (= xratai),

photo (= kacmyxra), take a photo (= kacmyterxra, kacmyxragau, kacmyxrazu'e); sculpture, relief (= blixra)];

plana [] plump

x1 is plump/fat/obese [excessively thick/bulbous/ swollen] by standard x2

platu [pla] plan ('plot')

x1 (agent) plans/designs/plots plan/arrangement/plot/[schematic] x2 for state/process x3 [also invents/organizes; x2 design, scheme; the structure or layout of an object would be represented as a state in x3];

pleji [lej,le'i] pay

x1 pays/compensates/remunerates/[rewards] payment x2 to recipient/ payee x3 for goods/services x4 [also x4 commodities; x4 may be a specific object, a commodity (mass), an event, or a property; pedantically, for objects/commodities, this is sumti-raising from ownership of the object/commodity (= posle'i, posyvely'e'i for unambiguous semantics); rent (= jerle'i, lejyjbera)];

plibu [pib] pubic

x1 is a/the pubic area/ external genitalia [body-part] of x2

plini [] planet

x1 is a planet revolving around x2 with planetary characteristics x3, orbital parameters x4

plipe [pip,pi'e] leap

x1 (agent/object) leaps/ jumps/springs/bounds to x2 from x3 reaching height x4 propelled by x5 [place structure parallels klama; hence x4 may be a route-like expression];

plise [] apple

x1 is an apple [fruit] of species/strain x2

plita [pit] plane

x1 is a plane [2-dimensional shape/form] defined by points x2 (set); x1 is flat/[smooth] [also: x1 is even/planar/level]; (x2 is a set of points at least sufficient to define the plane);

plixa [lix] plow

x1 (agent) plows/furrows/tills [cuts into and turns up] x2 with tool x3 propelled by x4

pluja [luj] complicated ('complex')

x1 is complex/complicated/ involved in aspect/property x2 (ka) by standard x3 [also tangled, confused];

pluka [puk,pu'a] pleasant
x1 (event/state) seems pleasant
to/pleases x2 under conditions x3

pluta [lut,lu'a] route
x1 is a route/path/way/
course/track to x2 from x3
via/defined by points including x4
(set)
[a route merely connects
origin/destination, but need not be
improved in any way; (x4 is a set of
points at least sufficient to
constrain the route relevantly)];

po [GOI] is specific to
restrictive relative phrase marker:
which is specific to ...; normal
possessive physical/legal

po'e [GOI] which belongs to
restrictive relative phrase marker:
which belongs to ... ; inalienable
possession

po'i [BAI] in the sequence
porsi modal, 1st place (in order)
sequentially; in the sequence ...

po'o [UI3b] uniquely
discursive: uniquely, only, solely:
the only relevant case

po'u [GOI] restrictive identity
restrictive appositive phrase
marker: which is the same thing as

poi [NOI] restrictive clause

restrictive relative clause; attaches
subordinate bridi with identifying
information to a sumti

polje [plo] fold
x1 (force) folds/creases x2 at
locus/loci/forming crease(s)/
bend(s) x3
[for agentive folding (= plogau,
plozu'e); use cardinal-value sumti
in x3, or rapli, to indicate multiple
folds];

polno [pol] Polynesian
x1 reflects Polynesian/ Oceanian
(geographic region)
culture/nationality/languages in
aspect x2

ponjo [pon,po'o] Japanese
(‘Nippon’)
x1 reflects Japanese culture/
nationality/language in aspect x2

ponse [pos,po'e] possess
x1 possesses/owns/has x2 under
law/custom x3; x1 is
owner/proprietor of x2 under x3
(x3 is generally more important to
the concept than commonly
accepted for the English
equivalent, since the concept is
broader when unconstrained, and
the nature/interpretation of
possession/ownership is very
culturally dependent);

porpi [pop,po'i] break

x1 breaks/fractures/shatters/
[splits/splinters/cracks] into pieces
x2

por [por,poi] sequence
x1 [ordered set] is sequenced/
ordered/listed by comparison/rules
x2 on unordered set x3
[also (adjective:) x1 is serial]; (sets
are completely specified);

port [pot] Portuguese
x1 reflects Portuguese
culture/nationality/language in
aspect x2

prali [pal] profit
x1 is a profit/gain/benefit/
advantage to x2 accruing/
resulting from activity/
process x3
[also (fe) x2 profits from x3 (= *selterprali* for reordered places); x1
may be a specific object, a
commodity (mass), an event, or a
property; pedantically, for
objects/commodities, this is *sumti-*
raising from ownership of the
object/commodity (= selposprali
for unambiguous semantics)];

prami [pam,pa'i] love
x1 loves/feels strong affectionate
devotion towards x2 (object/state)
[also: x1 is loving towards x2, x1 is
a lover of x2 (one sense), x2 is
beloved by x1 (= *selpa'i* for
reordered places)];

prane [pa'e] perfect
x1 is perfect/ideal/
archetypical/faultless/flawless/un-
improvable in property/aspect x2
(ka)
[also without defect/error];

preja [pej,pe'a] spread
x1 spreads/expands over/into x2
from initial state x3

prenu [pre] person
x1 is a person/people (noun) [not
necessarily human]; x1 displays
personality/a persona

preti [ret,rei] question ('query')
x1 (quoted text) is a question/
query about subject x2 by
questioner x3 to audience x4

prije [pij] wise ('sage')
x1 is wise/sage about matter x2
(abstraction) to observer x3

prina [pri] print
x1 is a print/impression/
image on/in surface x2 of/made by/using
tool/press/ implement/object x3

pritu [] right
x1 is to the right/right-hand side of
x2 which faces/in-frame-of-
reference x3
[also: x3 is the standard of
orientation for x2];

prosa [ros,ro'a] prose

x1 is prose about
plot/theme/subject x2 by author x3
for intended audience x4
[non-poetic written text, without
intentional rhyme or meter; x2 may
be a convention rather than a
subject];

pruce [ruc,ru'e] process
x1 is a process with inputs x2,
outputs/results x3, passing through
steps/stages x4
[x2 resource (= selru'e, but also
ru'etci, (ru'er-/ruc- or selru'e-
/selruc- modifying:) selxaksu,
selsabji, livla)];

pruni [pun] elastic ('springy')
(adjective:) x1 is elastic/ springy

pruxi [rux,ru'i] spirit
x1 is spiritual/pertains to the soul
in nature [either energy or being];
x1 is ghostly/ethereal
[also soul (= ruxse'i)];

pu [PU] before
time tense relation/direction: did
[selbri]; before/prior to [sumti];
default past tense

pu'a [BAI] pleased by
pluka modal, 1st place

pu'e [BAI] by process
pruce modal, 1st place (in manner
1)

pu'i [CAhA,pus] can and has
modal aspect: can and has;
demonstrated potential

pu'o [ZAhO] anticipative
interval event contour: in
anticipation of ...; until ... ;
inchoative
----| |

pu'u [NU1,puv] process abstract
abstractor: process (event)
abstractor; x1 is process of [bridi]
proceeding in stages x2

puba [PU*] was going to
time tense: was going to;
(tense/modal)

puca'a [PU*] actually was
time tense: past actuality; modal
aspect

puca'o [ZAhO*] was then
time tense: was then;
(tense/modal)

pujeba [PU*] before and after
time tense: before and after;
(tense/modal)

pujeca [PU*] before and during
time tense: before and during;
(tense/modal)

pulce [puc,pu'e] dust ('pulverized')

x1 is dust/precipitate [suspensible solid] from x2 in medium/on surface x3

pulji [] police

x1 is a police officer/[enforcer/vigilante] enforcing law(s)/rule(s)/order x2 [police officer, as an agent of authority (= ca'irpulji, ka'irpulji), as part of a police force (= puljysoi, as part of puljyselsoi); military police (= jempulji, bilpulji)];

pulni [] pulley

x1 is a pulley [tool] for performing action/function x2 rotating on axle x3

punji [puj,pu'i] put

x1 (agent) puts/places/sets x2 on/at surface/locus x3

punli [pul] swelling

x1 is a swelling/protrusion/convexity [shape/form] at/in/on x2, of material x3 [(adjective:): x1 is swollen];

pupu [PU*] had earlier been time tense: had earlier been; (tense/modal)

purci [pur,pru] past ('earlier')

x1 is in the past of/earlier than/before x2 in time sequence; x1 is former; x2 is latter

[time ordering only (use lidne otherwise); aorist in that x1 may overlap in time with x2 as long as it starts before, x1 starts before x2 but is continuing during x2 (= cfaprucabna); non-aorist before, i.e. x1 is over/ended before x2 starts (= fampru), x1 is completed before x2 starts (= mulpru)];

purdi [pud] garden

x1 is a garden/tended/ cultivated field of family/ community/farmer x2 growing plants/crop x3 [orchard (= ricpurdi)];

purmo [pum,pu'o] powder

x1 is a powder of material x2 [flour (= grupu'o, xripu'o)];

puza [PU*] a medium time before time tense: a medium time before; (tense/modal)

puze'a [PU*] for a period in past time tense: for a medium length interval some time in the past; (tense/modal)

puze'i [PU*] for a moment in past time tense: for a short interval some time in the past; (tense/modal)

puze'u [PU*] for an era in past time tense: for a long interval some time in the past; (tense/modal)

puzi [PU*] a short time before
time tense: a short time before;
(tense/modal)

puzu [PU*] a long time before
time tense: a long time before;
(tense/modal)

py [BY2] p
letteral for p

ra [KOhA5] recent sumti
pro-sumti: a recent sumti before
the last one, as determined by
back-counting rules

ra'a [BAI] pertained to by
srana modal, 1st place
pertained to by ... (generally more
specific)

ra'e [PA3] repeating decimal
digit/number: repeating digits (of a
decimal) follow

ra'i [BAI] from source
krasi modal, 1st place
from source/origin/starting point
...

ra'o [RAhO] pro-assign update
flag GOhA to indicate pro-
assignment context updating for all
pro-assigns in referenced bridi

ra'u [UI3] chiefly
discursive: chiefly – equally –
incidentally

ra'ucu'i [UI*3] equally
discursive: chiefly – equally –
incidentally

ra'unai [UI*3] incidentally
discursive: chiefly – equally –
incidentally

racli [] sane ('rational')
x1 (action/activity/behavior) is
sane/rational by standard x2

ractu [] rabbit
x1 is a rabbit/hare/[doe] of
species/breed x2

radno [ra'o] radian
x1 is x2 radian(s) [metric unit] in
angular measure (default is 1) by
standard x3
[measured in degrees (julra'o);
right ascension [astronomical
measurement] (= cacryra'o)]

rafsi [raf] affix
x1 is an affix/suffix/prefix/
combining-form for word/ concept
x2, form/properties x3, language x4

ragve [rav] across
x1 is located across/on the other
side of gap/boundary x2 from x3;
x1 is opposite (fi) x3
[also: x1 is over there
(across/beyond zo'e); directly
across/beyond a boundary/gap,
generally at the shortest plausible

distance on the other side of the boundary];

rai [BAI] with superlative
traji modal, 1st place

rakso [] Iraqi
x1 reflects Iraqi culture/ nationality
in aspect x2

raktu [ra'u] trouble
x1 (object/person/event/ situation)
troubles/disturbs x2 (person)
causing problem(s) x3
[also afflicts, is disruptive to,
troublesome; x1/x3 are a care to
x2, x2 is troubled by/cares about
x1/x3 (= selra'u for reordered
places)];

ralci [rac] delicate ('fragile')
x1 is delicate/fragile/subtle/
refined in property x2 (ka)
[easily damaged or rendered less
pleasing/pure/effective];

ralju [ral] principal
x1 is principal/chief/leader/
main/[staple], most significant
among x2 (set) in property x3 (ka)
[staple (= ralselpra); general/
admiral/president/principal leader
(= ralja'a, ralterbe'e; use additional
terms to distinguish among these);
also primary, prime, (adverb:)
chiefly, principally, mainly; (x2 is
complete specification of set)];

ralte [ra'e] retain
x1 retains/keeps/holds x2 in its
possession

randa [rad] yield ('surrender')
x1 yields/gives way/ surrenders to
x2 (force/agent) under conditions
x3

rango [rag] organ
x1 is a/the body organ [body-part]
of body/species x2 performing
function x3
[also sweetmeat (= ragdja)]

ranji [ra'i] continue
x1 (event/state) continues/persists
over interval x2; x1 (property – ka)
is continuous over x2

ranmi [ram] myth
x1 is a myth/legend, a culturally
significant story about x2 in mythos
x3 of culture x4
[also: x1 is mythical/fairy tale; used
adjectivally for non-humanoid
creatures (= ramda'u) of
story/myth/legend/religion, e.g.
dragon; fairy tale (= veryranmi)];

ransu [] bronze
x1 is a quantity of/contains/is
made of bronze of composition
including x2

ranti [ran] soft

x1 is soft/malleable/
moldable/yielding to force x2 in
conditions x3

ranxi [rax] irony

x1 is ironic(al)/contrary to
expectation x2 in state/
property/aspect x3

rapli [rap] repeat

x1 [action] repeats/is repeated for
a total of x2 (quantity) occurrences
[practice (= rapyzu'e, rapxelcli,
rapyzukmo'i)];

rarna [rar] natural

x1 is natural/spontaneous/
instinctive, not [consciously]
caused by person(s)

ratcu [] rat

x1 is a rat of species/breed x2

ratni [rat] atom

x1 is an atom of element/ atomic
number x2 of isotope
number/atomic weight x3

rau [PA4] enough

digit/number: enough; subjective

raumei [MOI*] are enough

quantified selbri: converts enough
to cardinal; x1 is a set with
members x2, enough by std. x3

raumoi [MOI*] is enoughth among

quantified selbri: converts enough
to ordinal; x1 is enoughth among
x2, order rule x3

re [PA1,rel] 2

digit/number: 2 (digit) [two]

re'a [VUhU4] transpose

unary mathematical operator:
matrix transpose/dual; A*

re'e [UI4] spiritual

emotion category/modifier:
religious/spiritual/worship –
sacrilege

re'enai [UI*4] sacrilege

emotion category/modifier:
spiritual/worship – sacrilege

re'i [COI] ready to receive

vocative: ready to receive – not
ready to receive

re'inai [COI*] not ready to receive

vocative: ready to receive – not
ready to receive

re'o [FAhA3] adjacent to

location tense relation/direction;
adjacent to/touching/contacting ...

re'u [ROI] ordinal tense

converts number to an objectively
quantified ordinal tense interval
modifier; defaults to time

rebla [reb] tail

x1 is a/the tail/appendix [body-part] of x2; [metaphor: trailing, following portion/appendage]

rectu [rec, re'u] meat ('flesh')

x1 is a quantity of/contains meat/flesh from source/ animal x2

rei [PA2] hex digit E

digit/number: hex digit E (decimal 14) [fourteen]

reki'o [PA*] 2,000

number/quantity: 2,000 expressed with comma

remaï [MAI*] secondly

discursive: second utterance
ordinal

remei [MOI*] is a pair

quantified selbri: convert 2 to cardinal selbri; x1 is a set with the pair of members x2

remna [rem, re'a] human

x1 is a human/human being/man (non-specific gender-free sense); (adjective:) x1 is human

remoi [MOI*] is second among

quantified selbri: convert 2 to ordinal selbri; x1 is second among x2 ordered by rule x3

reno [PA*] 20

number/quantity: 20 [twenty]

renomei [MOI*] is a score

quantifier selbri: convert 20 to cardinal selbri; x1 is a set with the score of members x2

renono [PA*] 200

number/quantity: 200 [two hundred]

renro [rer, re'o] throw

x1 throws/launches/casts/ hurls x2 to/at/in direction x3 (propulsion derives internally to x1)

renvi [rev, re'i] survive

x1 survives/endures/undergoes/abides/lasts/persists through x2 for interval/ duration x3 [also lasts out, withstands; x1 persists/lasts for duration x3; (adjective:) x1 is tough/durable];

reroi [ROI*] twice

tense interval modifier; objectively quantified tense; defaults as time tense

respa [res] reptile

x1 is a reptile of species/breed x2

ri [KOhA5] last sumti

pro-sumti: the last sumti, as determined by back-counting rules

ri'a [BAI] because of cause

rinka modal, 1st place (phys./mental)
causal because ...

ri'a ma [BAI*] with what cause?
sumti question asking for a physical
cause; why?

ri'anai [BAI*] despite cause
rinka modal, 1st place
(phys./mental)

ri'e [UI5] release of emotion
attitudinal modifier: release of
emotion – emotion restraint

ri'enai [UI*5] restraint of emotion
attitudinal modifier: release of
emotion – emotion restraint

ri'i [BAI] experienced by
lifri modal, 1st place
patient/passive case tag; happens
to...,experienced by...,with
passive...

ri'o [VUhU4] integral
trinary mathematical operator:
[integral of a with respect to b over
range c]

ri'u [FAhA2] on the right of
location tense relation/direction;
rightwards/to the right of ...

ricfu [rif,cfu] rich
x1 is rich/wealthy in goods/
possessions/property/aspect x2

rigni [rig] disgusting ('repugnant')

x1 is repugnant to/causes disgust
to x2 under conditions x3

rijno [rij] silver ('argent')
x1 is made of/contains/is a
quantity of silver/argentum (Ag);
[metaphor: valuable, tarnishing]

rilti [ril] rhythm
x1 (sequence/non-text quote) is a
rhythm/beat of music/ expressive
form x2
[not necessarily oscillatory/regular
pattern];

rimni [rim] rhyme
x1 rhymes/alliterates with x2 in
language/phonetics x3, matching
sound correspondence x4 (ka)
[broad meaning of rhyme – any
matching sound correspondence];

rinci [] drain
x1 liquid/fluid drains/strains/
flushes from source x2 through
drain/strainer x3 by force x4
[x4 is usually gravity];

rinju [ri'u] restrain
x1 is restrained/held [back]/
constrained/kept by restraint x2
against x3 (event)
[also: x2 is a restraint/binding for
x1, x2 keeps/restrains/ holds
[back]/constrains x1 from x3 (= *selri'u* for reordered places);
agentive restraint (= *ri'urgau*,
ri'urzu'e)];

rinka [rik,ri'a] cause

x1 (event/state) effects/ physically
causes effect x2 (event/state)
under conditions x3
[x1 is a material condition for x2; x1
gives rise to x2];

rinša [] greet

x1 (agent)
greet/hails/[welcomes/says hello
to]/responds to arrival of x2 in
manner x3 (action)

rici [] rare

x1 [member] is rare/unusual/
uncommon/atypical in property x2
(ka) among members of x3 (set)
(x3 is complete specification of
set);

riři [riř] parent ('rear')

x1 is a parent of/raises/reats x2; x1
mentors/acts parental toward
child/protege x2

riře [ri'e] river

x1 is a river of land mass x2,
draining watershed x3 into
x4/terminating at x4

riři [riř] rice

x1 is a quantity of rice [a type of
grain] of strain/cultivar x2

riřna [] heart ('cardiac')

x1 is a/the heart [body-part] of x2;
[emotional/shape metaphors are
NOT culturally neutral]
[(adjective:) x1 is cardiac;
emotional 'heart' (= riřna)];

riřli [ri'i] rite

x1 is a rite/ceremony/ritual for
purpose/goal x2, by custom/in
community x3, with form/rules x4
[also: x1 is formal, [legal]; x1 is
'going through the motions']; x4
constraints/customs;

riřvi [riř] avoid ('evade')

x1 avoids/evades/shuns/
escapes/skirts [fate] x2 (event)
through action/state x3 (event)
[also detours around, stays away
from; (x1 is normally an object, but
may be an event)];

ro [PA4,rol] each

digit/number: each, all

ro'a [UI4] social

emotion category/modifier: social
– antisocial

ro'anai [UI*4] antisocial

emotion category/modifier: social
– antisocial

ro'e [UI4] mental

emotion category/modifier: mental
– mindless

ro'enai [UI*4] mindless

emotion category/modifier: mental
– mindless

ro'i [UI4] emotional

emotion category/modifier:
emotional – denying emotion

ro'inai [UI*4] denying emotion

emotion category/modifier:
emotional – denying emotion

ro'o [UI4] physical

emotion category/modifier:
physical – denying physical

ro'onai [UI*4] denying physical

emotion category/modifier:
physical – denying physical

ro'u [UI4] sexual

emotion category/modifier: sexual
– sexual abstinence

ro'unai [UI*4] sexual abstinence

emotion category/modifier: sexual
– sexual abstinence

roda [KOhA*] everything

logically quantified universal sumti:
everything (unless restricted)

roi [ROI,rom,roi] quantified tense
converts number to an objectively
quantified tense interval modifier;
defaults to time tense

rokci [rok,ro'i] rock

x1 is a quantity of/is made
of/contains rock/stone of
type/composition x2 from location
x3

[x2: composition including x2,
which need not be complete
specification];

romai [MAI*] lastly

discursive utterance ordinal: finally;
last utterance ordinal

romge [rog] chrome

x1 is a highly reflective/polished
non-tarnishing metallic surface, of
metal x2 [often chromium]

romoi [MOI*] is last among

quantified selbri: is final among;
convert all to ordinal selbri; x1 is
last among x2, rule x3

ropno [ron,ro'o] European

x1 reflects European culture/
nationality/geography/Indo-
European languages in aspect x2

rorci [ror] procreate

x1 engenders/procreates/ begets
x2 with coparent x3

roroi [ROI*] always

tense interval modifier: always;
objectively quantified tense;
defaults as time tense

rotsu [rot,tsu,ro'u] thick ('stout')

x1 is thick in dimension/ direction
x2 by standard x3; [relatively long
in smallest dimension]
[also stout];

rozgu [roz,zgu] rose
x1 is a rose [flower – characterized
by prickly stem/ fragrance] of
species/strain x2
[roses are not all pink; avoid using
for color rose, which might be
labyxu'e];

ru [KOhA5] earlier sumti
pro-sumti: a remote past sumti,
before all other in-use
backcounting sumti

ru'a [UI2] I postulate
evidential: I postulate

ru'e [CAI] weak emotion
attitudinal: weak intensity attitude
modifier

ru'i [TAhE] continuously
tense interval modifier:
continuously; subjective
tense/modal; defaults as time
tense

ru'inai [TAhE*] occasionally
tense interval modifier:
occasional/intermittent/discontin-
uous; defaults as time tense

ru'o [BY1] Cyrillic shift
shift letterals to Cyrillic alphabet

ru'u [FAhA2] surrounding
location tense relation/direction;
surrounding/annular ...

ruble [rub,ble] weak ('feeble')
x1 is weak/feeble/frail in
property/quality/aspect x2 (ka) by
standard x3

rufsu [ruf] rough
x1 is rough/coarse/uneven/
[grainy/scabrous/rugged] in
texture/regularity
[fine-textured (= tolrufsu)];

runme [rum] melt ('runny')
x1 melts [becomes liquid from solid
state] at temperature x2 and
pressure x3
[x1 runs (= rumfle)];

runta [] dissolve
x1 dissolves in solvent x2 forming
solution/[suspension] x3 under
conditions x4
[suspension (= pucyteryrunta,
pu'exre)];

rupnu [rup,ru'u] dollar ('ruble')
x1 is measured in major-money-
units (dollar/yuan/ ruble) as x2
(quantity), monetary system x3
[also pound, rupee, franc, mark,
yen; x1 is generally a
price/cost/value];

rusko [ruk,ru'o] Russian

x1 reflects Russian culture/
nationality/language in aspect x2

rutni [run] artifact

x1 is an artifact; x1 is artificial; x1 is
made/caused by people/ se kulnu
x2; x1 is man-made

ry [BY2] r

letteral for r

sa [SA] erase utterance

erase complete or partial
utterance; next word shows how
much erasing to do

sa'a [UI3a] editorial insertion

discursive: material inserted by
editor/narrator (bracketed text)

***sa'ai** [SAhAI] mistake replace

start quote of replacement for
recent mistakenly uttered text

sa'e [UI3] precisely speaking

discursive: precisely speaking –
loosely speaking

***sa'ei** [COI2] onomatopoeia

Converts following cmevla or zoi-
quote into onomatopoeia.
(bam! crash! kapow! etc.)

sa'enai [UI*3] loosely speaking

discursive: precisely speaking –
loosely speaking

sa'i [VUhU4] matrix of columns

n-ary mathematical operator:
operands are vectors to be treated
as matrix columns

sa'o [VUhU4] derivative

trinary mathematical operator:
[derivative of a with respect to b of
degree c]

sa'u [UI3] simply speaking

discursive: simply – elaborating

sa'unai [UI*3] elaborating

discursive: simply – elaborating

sabji [sab] provide ('supply')

x1 [source] provides/supplies/
furnishes x2 [supply/ commodity]
to x3 [recipient]

[agentive supply (= sabgau,
sabzu'e)];

sabnu [] cabin

x1 is a cabin of vehicle x2

sacki [] match

x1 is a match [incendiary device]
made of x2

saclu [] decimal

x1 (me'o) is the [decimal/ binary]
equivalent of fractional x2 (me'o) in
base x3 (quantity)

[conversion from fractions to
decimal-point based notation]

sadjo [djo] Saudi

x1 reflects Saudi Arabian culture/nationality in aspect x2

sai [CAI] strong emotion
attitudinal: moderate intensity
attitude modifier

sakci [sak] suck
x1 sucks/is suction/vacuum/
relatively low pressure of fluid/gas
x2 relative to high pressure x3
[also suck object/fluid (= sakcpu or sakmuvgau)];

sakli [sal] slide ('slip')
x1 slides/slips/glides on x2
[x2 is slick/slippery to/for x1 (= selsakli for reordered places)];

sakta [sat] sugar ('sucrose')
x1 is made of/contains/is a
quantity of sugar [sweet edible]
from source x2 of composition x3
[also sucrose, fructose, glucose,
galactose, lactose, etc.;
saccharine/aspartame/sugar
substitute (basysakta or sakybasti,
ticsakta); x3: composition
including x3, which need not be
complete specification];

salci [sla] celebrate
x1 celebrates/recognizes/ honors
x2 (event/abstract) with
activity/[party] x3
[x3 (and nunsla)
festival/fiesta/celebration/occasion
/fair/[holiday (some senses)]; not

limited to the ameliorative
interpretation of 'celebrate':
funeral (= mrobixsla)];

salpo [sa'o] slope
x1 is sloped/inclined/slanted/
aslant with angle x2 to
horizon/frame x3
[also steep (= tcesa'o); normally
implies non-rectilinear];

salta [] salad
x1 (mass) is a quantity of salad
[food] with
ingredients/components including
x2
[x2 is in x1, an
ingredient/part/component of x1];

samcu [] cassava ('yam')
x1 is a quantity of cassava/
taro/manioc/tapioca/yam [edible
starchy root] of species/strain x2

sampu [sap] simple
x1 is simple/unmixed/
uncomplicated in property x2 (ka)

sance [sna] sound
x1 is sound produced/emitted by
x2
[x2 sounds (intransitive verb)];

sanga [sag,sa'a] sing
x1 sings/chants x2 [song/
hymn/melody/melodic sounds] to
audience x3

[melody (= sagzgi, ralsagzgi),
harmony (= saxsagzgi),
harmonize/sing harmony (= saxsa'a), song (= selsa'a)];

sanji [saj] conscious

x1 is conscious/aware of x2

(object/abstract); x1

discerns/recognizes x2

(object/abstract)

[also: x1 knows [of] x2 (one sense);

awareness implies some amount of

mental processing above and

beyond mere sensory detection,

and may also be applied to mental

relationships that are not detected

by the senses];

sanli [sa'i] stand

x1 stands [is vertically oriented] on

surface x2 supported by

limbs/support/ pedestal x3

[x1 is standing; x1 stands up; x1 is

erect/vertical/upright; x1

bows/bends over (= krosa'i,

krosa'ibi'o, plosa'i); frame of

reference is (approximate)

perpendicularity to the surface,

and not to a gravity field];

sanmi [sai] meal

x1 (mass) is a meal composed of
dishes including x2

[x2 is a course/dish of meal x1 (=

selsai for reordered places)];

sanso [] sauce

x1 is a sauce/topping/gravy/
frosting for use with x2, containing
ingredient(s) including x3

[x3 is in x1, an ingredient/
part/component of sauce x1];

santa [] umbrella

x1 is an umbrella/parasol shielding

x2 from x3, made of material x4,

supported by x5

sarcu [sa'u] necessary

x1 (abstract) is necessary/ required
for continuing state/process x2

under conditions x3

[also factually necessary, necessity,
prerequisite, condition,

precondition];

sarji [sra] support

x1 supports/holds up/is

underpinning of/[helps] x2 against

force/opposition x3 with/by means
x4

[also aids; (adjective:) x1 is

dependable, reliable (such

reliability may be transient; this is

not the usual sense of 'reliable' or

'dependable'); (x2 is object/event)];

sarlu [] spiral

x1 is a spiral/helix/whorl/ [vortex]

[shape/form] with limits x2, of

dimensionality x3

***sarni** [] triangle

x1 is a three-angled shape/ form defined by set of corners/vertices
x2, sides/dimensions x3

sarxe [sax] harmonious

x1 is harmonious/concordant/ in agreement/concord with x2 in property x3 (ka)

saske [ske] science

x1 (mass of facts) is science of/about subject matter x2 based on methodology x3
[not limited to science as derived by the scientific method, but pertaining to any body of usually-coherent knowledge garnered/ gathered/assembled by a consistent methodology];

satci [] exact ('precise')

x1 [measurement/match] is exact/precise to precision x2 in property/quantity x3 (ka/ni)

satre [sa'e] stroke

x1 (agent) strokes/rubs/pets x2 with x3
[pet (= pamsa'e)];

sau [BAI] requiring
sarcu modal, 1st place

savru [sav,vru] noise ('clamor')

x1 is a noise/din/clamor [sensory input without useful information] to x2 via sensory channel x3

sazri [saz] operate

x1 operates/drives/runs x2 [apparatus/machine] with goal/objective/use/end/function x3

se [SE,sel] 2nd conversion

2nd conversion; switch 1st/2nd places

se'a [UI5] self-sufficiency

attitudinal modifier: self-sufficiency – dependency

se'anai [UI*5] dependency

attitudinal modifier: self-sufficiency – dependency

se'e [BY1] character code

following digits code a character (in ASCII, Unicode, etc.)

se'i [UI5] self-oriented

attitudinal modifier: self-oriented – other-oriented

se'inai [UI*5] other-oriented

attitudinal modifier: self-oriented – other-oriented

se'o [UI2] I know internally

evidential: I know by internal experience (dream, vision, or personal revelation)

se'u [SEhU] end discursive

elidable terminator: end discursive
bridi or mathematical
precedence;usually elidable

seba'i [BAI*] instead of
basti modal, 2nd place

sebai [BAI*] compelling
bapli modal, 2nd place (forcing
result)
compelling event ...

sebau [BAI*] in language of
bangu modal, 2nd place (speakers)
in language of speakers ...

sebe'i [BAI*] transmitting
benji modal, 2nd place
(message/cargo)

seca'i [BAI*] with authority over
catni modal, 2nd place
authoritatively; with authority
over ...

secau [BAI*] without
claxu modal, 2nd place (lacking)

seci'e [BAI*] with system function
ciste modal, 2nd place

seci'o [BAI*] emoting
cinmo modal, 2nd place (shows
attitude)
emotionally; emoting ...

seci'u [BAI*] on scale measuring
ckilu modal, 2nd place used in
scalar negation

secu'u [BAI*] expressing

cusku modal, 2nd place (saying)
expressively; expressing ...

sede'i [BAI*] on the same date as
detri modal, 2nd place (for letters)
on the same date as ... ; label with
event

sedi'o [BAI*] at specific locus
diklo modal, 2nd place
locally; at specific locus ...

sedu'i [BAI*] equal to
dunli modal, 2nd place (same as
1st);
equal to ... [same as 1st place
modal]

sedu'o [BAI*] knowing facts
djuno modal, 2nd place
knowingly; knowing facts ...

sedu'u [NU*] sentence abstract
compound abstractor:
sentence/equation abstract; x1 is
text expressing [bridj] which is x2

sefa'e [BAI*] in reversal of
fatne modal, 2nd place (same as
1st);
backwards; in reversal of ...

sefi'e [BAI*] creating work
finti modal, 2nd place
creatively; creating work ...

sefta [sfe] surface

x1 is surface/face [bounded shape/form] of [higher-dimension] object x2, on side x3, edges x4 [also x4 bounds];

sega'a [BAI*] observing
zgana modal, 2nd place

segau [BAI*] as agent in doing
gasnu modal, 2nd place
actor/agent case complement;
actively; as active agent in doing ...

sei [SEI] discursive bridi
start discursive (metalinguistic)
bridi

seja'e [BAI*] results because
jalge modal, 2nd place (event
causal)
results because of ...

seja'enai [BAI*] results despite
jalge modal, 2nd place (event
causal)

seja'i [BAI*] by rule prescribing
javni modal, 2nd place
orderly; by rule prescribing ...

seji'e [BAI*] as a limit of
jimte modal, 2nd place
limitedly; as a limit of ...

seji'o [BAI*] controlling aspects
jitro modal, 2nd place
controlledly; controlling/guiding
aspects ...

seji'u [BAI*] supporting
jicmu modal, 2nd place (from basis)
supporting ...; as a basis for ...

seka'a [BAI*] with destination
klama modal, 2nd place

seka'i [BAI*] on behalf of
krati modal, 2nd place
representingly; on behalf of ...

sekai [BAI*] with property
ckaji modal, 2nd place (quality)
characterized by ...; with property
...

sekai ma [BAI*] which kind?
sumti question asking for a
characteristic property/quality;
which?

seki'i [BAI*] related to
ckini modal, 2nd place (same as
1st)

seki'u [BAI*] reason therefore
krinu modal, 2nd place

seki'unai [BAI*] reason
nevertheless
krinu modal, 2nd place

seko [BAI*] as boundary of
korbi modal, 2nd place (bounding)

seku'u [BAI*] in culture of
kulnu modal, 2nd place (people)

sela'u [BAI*] in quantity

klani modal, 2nd place

in quantity ...; measured as ...

selci [sle] cell

x1 is a cell/atom/unit/ molecule of

x2; x1 is an indivisible, most basic

subunit of x2

(x2 generally has mass nature);

sele'a [BAI*] as a category of

klesi modal, 2nd place

as a category of/within ...

selfu [sef,se'u] serve

x1 (agent) serves x2 with service x3

(activity); x1 is a servant (noun) of

x2 performing x3

seli'e [BAI*] preceding

lidne modal, 2nd place

preceding ...;leading ... ; non-time

sequence

sema'e [BAI*] made of material

marji modal, 2nd place

made of material/composition ...

sema'i [BAI*] as a standard for

manri modal, 2nd place (of

reference)

as a reference standard for

observing ...

semau [BAI*] more than

zmadu modal, 2nd place (relative!)

more than ...; usually a sumti

modifier

semaunai [BAI*] not more than

zmadu modal, 2nd place (relative!)

not more than ...; usually a sumti

modifier

seme'a [BAI*] less than

mleca modal, 2nd place (relative!)

less than ...; usually a sumti

modifier

seme'anai [BAI*] not less than

mleca modal, 2nd place (relative!)

not less than ...; usually a sumti

modifier

seme'e [BAI*] as a name for

cmene modal, 2nd place (the

named one)

semto [sme] Semitic

x1 reflects Semitic [metaphor:

Middle-Eastern] language/

culture/nationality in aspect x2

[Semitic includes Arabic, Hebrew,

Aramaic, and Ethiopian, among

others];

semu'i [BAI*] motive therefore

mukti modal, 2nd place

motive therefore ...; motivating

action ...

semu'inai [BAI*] motive

nevertheless

mukti modal, 2nd place

semu'u [BAI*] example of property
mupli modal, 2nd place
as an example of property ...

senci [sec] sneeze
x1 sneezes (intransitive verb)

seni'i [BAI*] entails therefore
nibli modal, 2nd place

seni'inai [BAI*] entails nevertheless
nibli modal, 2nd place

senpi [sen] doubt ('skeptical')
x1 doubts/is dubious/
doubtful/skeptical/questions that
x2 (du'u) is true
[also: x2 is doubtful/
dubious/questionable (= selsenpi
for reordered places)];

sent [set] layer ('stratum')
x1 is a layer/stratum [shape/ form]
of x2 [material] within
structure/continuum/composite x3

senva [sev,sne] dream ('reverie')
x1 dreams about/that x2
(fact/idea/event/state); x2 is a
dream/reverie of x1
[dream/reverie (= selsne)];

sepa'a [BAI*] similar to
panra modal, 2nd place
similarly; similar to ...

sepa'u [BAI*] as a part of

pagbu modal, 2nd place (whole)
partially; as a part of ...

sepi'o [BAI*] using tool
pilno modal, 2nd place
(instrumental) tool/machine/
apparatus/acting entity; using
(tool) ...

sepli [sep,sei] apart ('separate')
x1 is apart/separate from x2,
separated by partition/wall/
gap/interval/separating medium x3
[also aloof (= jiksei); alone (= rolsmisei
meaning apart or unlike
all others of its kind; pavysei,
seirpavmei meaning only or one
alone – do not use when talking
about, for example, two people
who are alone); x3 space];

sepo'i [BAI*] sequenced by rules
porsi modal, 2nd place
sequentially; sequenced by rules ...

sepu'a [BAI*] in order to please
pluka modal, 2nd place (for)
pleasingly; pleasing ...; in order to
please ...

sepu'e [BAI*] processing from
pruce modal, 2nd place (inputs)
processing from inputs ...

sera'a [BAI*] concerning
srana modal, 2nd place (pertaining
to)

relevantly; concerning ... (less specific)

sera'i [BAI*] as an origin of
krasi modal, 2nd place
originally; as an origin/starting
point of ...

serai [BAI*] superlative in
traji modal, 2nd place (property)
-est; most extremely; superlative
in ...

seri'a [BAI*] causal therefore
rinka modal, 2nd place
(phys./mental)

seri'anai [BAI*] causal nevertheless
rinka modal, 2nd place
(phys./mental)

seri'i [BAI*] experiencing
lifri modal, 2nd place
experiencing ...; undergoing ...

serti [ser] stairs
x1 are stairs/stairway/steps for
climbing structure x2 with steps x3

sesau [BAI*] necessary for
sarcu modal, 2nd place (process)
necessarily; necessary for ...

sesi'u [BAI*] assisting
sidju modal, 2nd place
assisting ... (in doing/maintaining
something)

seta'i [BAI*] as a method for
tadji modal, 2nd place
methodically; as a method for
doing ...

setai [BAI*] as a form of
tamsmi modal, 2nd place
similarly; resembling ... (in ideal
form) (x1 resembles x2 sharing
ideal form/shape x3 in property x4)

setca [se'a] insert
x1 (agent) inserts/interposes/
puts/deposits x2 into interior
x3/into among/between members
of x3
[insertion need not imply a
significant degree of 'filling'; inject
(= je'erse'a); syringe/needle (= se'arterje'e, je'erse'atci, jestu'u or tu'urjesni); also pour, inflate, stuff, fill];

seti'i [BAI*] suggesting
stidi modal, 2nd place
suggestively; suggesting
(idea/action) ...

seti'u [BAI*] at the same time as
tcika modal, 2nd place (for letters)
at the same time as ... ; label with
event

setu'i [BAI*] as a location of
stuzi modal, 2nd place

seva'o [BAI*] as conditions for

vanbi modal, 2nd place
(environment)
as conditions/environment of/for
...

seva'u [BAI*] with beneficiary
xamgu modal, 2nd place
beneficiary case tag
for the benefit of...; with
beneficiary ...

sevzi [sez,se'i] self
x1 is a self/ego/id/identity-image of
x2

sezau [BAI*] approving
zanru modal, 2nd place
approvingly; approving ...

sezu'e [BAI*] goalfully acting at
zukte modal, 2nd place
purposefully; goalfully acting at ...

sfani [] fly
x1 is a fly [a small non-stinging
flying insect] of species/breed x2

sfasa [sfa] punish ('spank,
castigate')
x1 (agent) punishes x2 for
infraction x3 (event/state/ action)
with punishment x4 (event/state)
[also chastise, castigate, chasten,
discipline, correct (one sense); also
x4 penalty];

sfofa [sfo] sofa
x1 is a sofa/couch (noun)

sfubu [sub,su'u] dive ('swoop')
x1 dives/swoops [manner of
controlled falling] to x2 from x3

si [SI] erase word
erase the last Lojban word, treating
non-Lojban text as a single word

si'a [UI3b] similarly
discursive: similarly

si'e [MOI] portion selbri
convert number to portion selbri;
x1 is an (n)th portion of
mass/totality x2;

si'i [VUhU4] sigma summation
trinary mathematical operator:
[sigma summation of a using
variable b over range c]

si'o [NU,siz] concept abstract
abstractor: idea/concept
abstractor; x1 is x2's concept of
[bridj]

si'u [BAI] aided by
sidju modal, 1st place (aiding
agent)

siclu [sil] whistle
x1 [sound source] whistles/ makes
whistling sound/note/
tone/melody x2

sicni [si'i] coin ('specie')

x1 is a coin/token/is specie issued by x2 having value x3 of composition including x4

***sicpi** [] rain

x1 is rain of composition including x2.

sidbo [sib,si'o] idea

x1 (idea abstract) is an idea/concept/thought about x2 (object/abstract) by thinker x3 [also (adjective): x1 is ideal/ideational];

sidju [dju] help ('aid')

x1 helps/assists/aids object/person x2 do/achieve/ maintain event/activity x3

sigja [sig] cigar

x1 is a cigar/cigarette/cigarillo made from tobacco/smokable substance x2 by x3

silka [sik] silk

x1 is a quantity of/contains/is made of silk produced by x2

silna [] salt

x1 is a portion/quantity of salt from source x2, of composition including x3

simlu [mlu] seem

x1 seems/appears to have property(ies) x2 to observer x3 under conditions x4

[also: x1 seems like it has x2 to x3; suggest belief/observation (= mlugau, mluti'i); looks like/resembles (= smimlu, mitmlu)];

simsa [smi] similar

x1 is similar/parallel to x2 in property/quantity x3 (ka/ni); x1 looks/appears like x2 [also: x1 is a likeness/image of x2; x1 and x2 are alike; similarity and parallel differ primarily in emphasis];

simxu [sim,si'u] mutual

x1 (set) has members who mutually/reciprocally x2 (event [x1 should be reflexive in 1+ sumti]) [members of x1 do to each other/one another x2, and in return do x2; x1 (plural set) do the same thing x2 to each other];

since [] snake

x1 is a snake/serpent of species/breed x2

sinma [si'a] esteem

x1 esteems/respects/ venerates/highly regards x2 [object of respect] [also: x2 is respected/ esteemed/celebrated (= selsi'a for reordered places)];

sinso [] sine

x1 is the trigonometric sine of angle/arcsine x2

sinxa [sni] sign

x1 is a sign/symbol/signal representing/referring/signifying/meaning x2 to observer x3
 [also: x1 signifies x2; (adjective:) x1 is significant/ meaningful/of import; signal an action (= sniti'i), connotation (= se sibyti'isni, sibyti'ismu)];

sipna [sip] sleep

x1 is asleep (adjective); x1 sleeps/is sleeping

sirji [sir] straight

x1 is straight/direct/line segment/interval between x2 and x3; (adjective:) x1 is linear

sirxo [six] Syrian

x1 reflects Syrian culture/nationality in aspect x2

sisku [sis] seek

x1 seeks/searches/looks for property x2 among set x3 (complete specification of set) [if searching for an object or an event, use tu'a in x2];

sisti [sti] cease

x1 [agent] ceases/stops/halts/ ends activity/process/state x2 [not necessarily completing it]

sitna [sit] cite

x1 cites/quotes/refers to/ makes reference to source x2 for information/statement x3 (du'u)

sivni [siv] private

x1 is private/personal/privy/[secret/confidential/confined] to x2; x1 is not-public/hidden
 [also: x1 is secret (one sense); x2 is in the know/in touch with/privy to x1 (= selsivni for reordered places); exclusion can be expressed by na'e(bo) in x2: excluded/in the dark (= nalselsivni)];

skaci [] skirt

x1 is a skirt/kilt/dress of material x2; x1 is skirted [garment open at the bottom; not legged]
 [a skirted garment may be full length (pastu), but must hang below the waist from support above or at the waist];

skami [sam] computer

x1 is a computer for purpose x2

skapi [kap] pelt ('skin')

x1 is a pelt/skin/hide/leather from x2

skari [ska] color

x1 is/appears to be of color/ hue x2 as perceived/seen by x3 under conditions x4
 [conditions may include lighting, background, etc.];

skicu [ski] describe

x1 tells about/describes x2
(object/event/state) to audience x3
with description x4 (property)

skiji [sij] ski

x1 is a ski/skid/skate/runner for
surface (of material) x2 supporting
skier/skater/sled/ cargo x3

skina [kin] cinema

x1 is a cinema/movie/film about x2
[plot/theme/ subject/activity],
filmmaker x3, for audience x4
[also motion picture; x2 may be a
convention rather than a subject;
cartoon/animation (= selxraci'a
skina); television/tv show (=
tivyskina, regardless of length,
factual content, etc.)];

skori [sko] cord

x1 is cord/cable/rope/line/
twine/cordage/woven strands of
material x2

skoto [kot,ko'o] Scottish

x1 reflects Gaelic/Scottish
culture/nationality/language in
aspect x2
[Irish (= sicko'o), Scottish (=
sunko'o), Celtic (= dzeko'o), Welsh
(= nanko'o), Breton (= fasko'o);
since Scottish/Gaelic is only the
northern branch of the Celtic
tribes, many would prefer a le'avla
for Celtic; nationalism might also
demand a separate fu'ivla for Irish];

skuro [ku'o] groove ('furrow')

x1 is a groove/trench/furrow
[shape/form] in object/ surface x2

slabu [sau] familiar

x1 is old/familiar/well-known to
observer x2 in feature x3 (ka) by
standard x4
[This can cover both meanings of
old. Old in years, i.e. age, can be
conveyed through x2 = the world,
life, existence (= loi nu zasti); in
usage this has been a common
default for ellipsis. However slabu
is not the opposite of 'young' (=
nalcio, tolcio), but the opposite of
'new' (= tolnio); also ancient (=
tcesau), age (= nilsau); x2 is used to
x1 (= selsau for reordered places);
historic/historical (= cirsau,
cirseldedra; also vaipru)];

slaka [] syllable

x1 is a syllable in language x2

slaka bu [BY*,close-

comma,letteral: Lojban , character]

slami [] acid

x1 is a quantity of/contains/is
made of acid of composition x2;
(adjective:) x1 is acidic
[x2: composition including x2,
which need not be complete
specification];

slanu [] cylinder

x1 is a cylinder [shape/form] of material x2

slari [sar] sour

x1 is sour/tart to observer x2

slasi [las] plastic

x1 is a quantity of/is made of/ contains plastic/polymer of type/component unit(s) x2

sligu [lig] solid

x1 is solid, of composition/ material including x2, under conditions x3 [conditions include temperature and pressure];

slilu [sli] oscillate

x1 oscillates at rate/frequency x2 through set/sequence-of-states x3 (complete specification)
[also (expressible either with desku or slilu): side to side, to and fro, back and forth, reciprocal (motion), rotates, revolves];

sliri [] sulfur

x1 is a quantity of/contains/is made of sulfur/brimstone (S); [metaphor: foul odor, volcanic]

slovo [lov,lo'o] Slavic

x1 reflects Slavic language/ culture/ethos in aspect x2

sluji [slu] muscle

x1 is a/the muscle [body-part] controlling x2, of body x3;

[metaphor: tools of physical power]

[(adjective:) x1/x2/x3 is muscular (different senses)];

sluni [] onion

x1 is a quantity of/contains onions/scallions of type/cultivar x2

smacu [] mouse

x1 is a mouse of species/breed x2

smadi [] guess ('surmise')

x1 guesses/conjectures/ surmises x2 (du'u) is true about subject x3; [epistemology]
[also: x1 has a hunch that x2 is true; x1 imagines x2 is true; words usable for epistemology typically have a du'u place];

smaji [sma] quiet ('silent')

x1 (source) is quiet/silent/ [still] at observation point x2 by standard x3

smani [] monkey ('simian')

x1 is a monkey/ape/simian/ baboon/chimpanzee of species/breed x2

smoka [smo] sock

x1 is a sock/stocking [flexible foot and lower leg garment] of material x2

smuci [muc] spoon

x1 is a spoon/scoop (tool) for use
x2, made of material x3

smuni [mun,smu] meaning
x1 is a meaning/interpretation of
x2 recognized/seen/ accepted by
x3
[referential meaning (=selsni,
snismu)];

snada [sad] succeed ('accomplish')
x1 [agent] succeeds
in/achieves/completes/accomplish
es x2 as a result of
effort/attempt/try x3
[also: x1 reaches x2; (adjective:) x1
is successful; x2
(event/state/achievement)];

snanu [nan] south
x1 is to the south/southern side of
x2 according to frame of reference
x3

snidu [nid] second
x1 is x2 seconds in duration
(default is 1 second) by standard x3

snime [si'e] snow
x1 is made of/contains/is a
quantity/expanse of snow

snipa [nip] sticky
x1 adheres/sticks to x2; (adjective:)
x1 is sticky/gummy/adhesive
[note that x1 is the adhering
surface being claimed; x2 need not
be sticky];

snuji [nuj] sandwich
x1 is a sandwich/layering [not
restricted to food] of x2
sandwiched between x3

snura [nur,nu'a] secure
x1 is secure/safe from threat x2
(event)

snuti [nut] accidental
x1 (event/state) is an
accident/unintentional on the part
of x2; x1 is an accident

so [PA1,soz] 9
digit/number: 9 (digit) [nine]

so'a [PA4,soj] almost all
digit/number: almost all
(digit/number)

so'e [PA4,sop] most
digit/number: most

so'eroi [ROI*] usually
tense interval modifier: usually;
objectively quantified tense;
defaults as time tense

so'i [PA4,sor,so'i] many
digit/number: many

so'imei [MOI*] is a bunch
quantified selbri: convert many to
cardinal; x1 is a set with many
members x2 of total set x3

so'iroi [ROI*] many times
tense interval modifier: many
times; objective tense; defaults as
time tense

so'o [PA4,sos] several
digit/number: several

so'u [PA4,sot] few
digit/number: few

so'uroi [ROI*] a few times
tense interval modifier: a few
times; objective tense; defaults as
time tense

sobde [sob,so'e] soya
x1 is a quantity of soya [grain/
bean] of species/strain x2

sodna [] sodium
x1 is a quantity of/contains/is
made of alkali metal of type x2
[default sodium]
[also potassium, lithium, cesium];
[soda]

sodva [sod] soda
x1 is made of/contains/is a
quantity of a carbonated
beverage/soda of flavor/brand x2
[also: soft drink (though this
sometimes includes tea and coffee
as distinct from alcoholic beverages
which are hard drinks)];

softo [sof] Soviet

x1 reflects Russian empire/
USSR/ex-USSR (Soviet)/CIS
culture/nationality in aspect x2

soi [SOI] reciprocal sumti
discursive: reciprocal sumti marker;
indicates a reciprocal relationship
between sumti

soki'o [PA*] 9,000
number/quantity: 9,000 expressed
with comma

solji [slo] gold
x1 is a quantity of/contains/is
made of gold (Au); [metaphor:
valuable, heavy, non-reactive]

solri [sol] solar
x1 is the sun of home planet x2
(default Earth) of race x3;
(adjective:) x1 is solar
['home planet' refers to a planet
which is home to a race, but not
necessarily the original home of a
species if that species inhabits
many worlds];

sombo [som,so'o] sow
x1 sows/plants x2 [crop/ plants]
at/in x3

somoi [MOI*] is ninth among
quantified selbri: convert 9 to
ordinal selbri; x1 is ninth among x2
ordered by rule x3

sonci [son,soi] soldier

x1 is a soldier/warrior/fighter of army x2

sono [PA*] 90

number/quantity: 90 [ninety]

sonono [PA*] 900

number/quantity: 900 [nine hundred]

sorcu [soc,sro] store

x1 is a store/deposit/
supply/reserve of materials/energy
x2 in containment x3
[x3 need not be a container, but
could merely be a site/location
restriction; e.g. a heap. The sumti
indicates how the supply is
identified and distinguished from
other occurrences of the stored x2
that are not part of the store];

sorgu [sog] sorghum

x1 is a quantity of sorghum of
species/strain x2

sosoc'e'i [PA*] 99 percent

number/quantity: 99% (number)

sovda [sov,so'a] egg ('ovum')

x1 is an egg/ovum/sperm/
pollen/gamete of/from organism
[mother/father] x2
[(poorly metaphorical only due to
gender– and species– being
unspecified): ovoid, oblate (= *pevyso'aseltai*, but better: *claboi*);
egg, specifically female (= *fetso'a*),

of a bird (= *cpifetso'a*, *cpiso'a*), of a
chicken (= *jipcyfetso'a*, *jipcyso'a*)
(but note that Lojban does not
require specificity, just as English
doesn't for either milk or eggs;
sovda is fine for most contexts); [if
fertilized, then *tsiju* or *tarbi*];

sozepimu [PA*] 97.5

number/quantity: 97.5

spaji [paj] surprise

x1 (event/action abstract)
surprises/startles/is unexpected
[and generally sudden] to x2
[also expectation (= *nalspaji*), alarm
(= *tepspaji*)];

spali [] polish

x1 (agent) polishes object/ surface
x2 with polish x3, applied using tool
x4

spano [san] Spanish

x1 reflects Spanish-speaking
culture/nationality/language in
aspect x2
[metaphorical restriction to Spain
by contrast with *xispo* (comparable
to the distinction between *glico*
and *merko/sralo/brito/kadno*);
Spain (= *sangu'e*); Spanish dialects
spoken in Spain, especially
Castillian (= *sansanbau*)];

spati [spa] plant

x1 is a plant/herb/greenery of
species/strain/cultivar x2

[also (adjective:) x1 is vegetable/vegetal/vegetative]

speni [spe] married ('spouse')
x1 is married to x2; x1 is a spouse of x2 under law/custom/tradition/system/convention x3

spisa [spi] piece
x1 [object/substance] is a piece/portion/lump/chunk/particle of x2 [substance]

spita [] hospital
x1 is a hospital treating patient(s)
x2 for condition/injuries/disease/illness x3
[hospice (a place where x2 of spita is lenu mrobi'o = mrospita)];

spofu [pof,po'u] broken
x1 is broken/inoperable/ broken down/non-utile/not usable for function x2
[agentive break, cause to become inoperable (= pofygau, pofyze'e); accidentally break, as a result of an event, non-agentive (= pofyja'e, nutpo'uja'e)];

spoja [poj,po'a] explode
x1 bursts/explodes/violently breaks up/decomposes/ combusts into pieces/energy/ fragments x2

spuda [spu] reply ('respond')

x1 answers/plies to/responds to person/object/event/situation/stimulus x2 with response x3 [x3 also answer/reply]; [if x2 is a person/object, it will usually require tu'a indicating that the reply/response is to that person/object doing something. tu'a may not be needed if the person/object itself is the stimulus, rather than something it is doing];

sputu [put,pu'u] spit
x1 spits/expectorates x2 [predominantly liquid] from x3 to/onto x4 [saliva/spit/sputum/spittle (= molselpu'u)];

sraji [raj] vertical ('upright')
x1 is vertical/upright/erect/plumb/oriented straight up and down in reference frame/gravity x2

sraku [rak] scratch
x1 [abrasive/cutting/ scratching object/implement] scratches/[carves]/erodes/cuts [into] x2
, spali)

sralo [] Australian
x1 reflects Australian culture/nationality/geography/dialect in aspect x2

srana [ra'a] pertain ('concerns')

x1 pertains to/is germane/ relevant to/concerns/is related/associated with/is about x2

[also: x1 is a question of/treats of x2; can be symmetric, although x1 is conventionally more specific or constrained in scope than x2];

srasu [sas] grass

x1 is a blade/expanse of grass of species x2
[lawn/meadow (= sasfoi)];

srera [sre] err

x1 errs in doing/being/making mistake x2 (event), an error under conditions x3 by standard x4

srito [] Sanskrit

x1 reflects Sanskrit language/ Sanskritic/Vedic culture/ nationality in aspect x2

sruma [ru'a] assume

x1 assumes/supposes that x2 (du'u) is true about subject x3;
[epistemology]
[words usable for epistemology typically have a du'u place];

sruri [rur,sru] surround

x1 encircles/encloses/is surrounding x2 in direction(s)/ dimension(s)/plane x3
[(jinsru =) x1 is a ring/belt/band/girdle around/circling/ringing x2 near

total containment in some dimension(s)];

stace [sac] honest

x1 is honest/open/truthfully revealing to/candid/frank with x2 about matter/fact x3
[also straight, straight-forward];

stagi [] vegetable ('stalky')

x1 is the edible x2 portion of plant x3; x1 is a vegetable
[note that fruits and nuts are also vegetables; generally this word will be used for either the general category of edible plants, or for non-fruit vegetables (= nalrutstagi)];

staku [tak] ceramic

x1 is a quantity of/contains/is made of ceramic made by x2, of composition x3, in form/shape x4
[made of baked clay or other non-metallic solid; x3: composition including x3, which need not be complete specification];

stali [sta] remain ('stay')

x1 remains/stays at/abides/ lasts with x2

stani [] stalk

x1 is a/the stalk/stem/trunk [body-part] of plant/species x2;
[metaphor: main support]

stapa [tap] step

x1 steps/treads on/in surface x2
using limbs x3

stasu [] soup ('stew')

x1 is a quantity of soup/stew/
olla/olio [food] of ingredients
including x2

[x2 is in x1, an ingredient/
part/component of x1];

stati [] talent

x1 has a talent/aptitude/ innate
skill for doing/being x2

steba [seb] frustration

x1 feels frustration about x2
(abstraction)

steci [tec,te'i] specific ('special')

x1 (ka) is specific/particular/
specialized/[special]/a defining
property of x2 among x3 (set)
[x2 are members/individuals of a
subset of x3; object whose
association is specific/defining of a
subset or individuals (= tecra'a, also
cf. cmavo list po'e, [x2 is also
special to x1]); also:
especially/strongly/specifically
associated]; (x3 is completely
specified set)];

stedu [sed] head

x1 is a/the head [body-part] of x2;
[metaphor: uppermost portion]
[skull (= sedbo'u)];

stela [tel] lock

x1 is a lock/seal of/on/for sealing
x2 with/by locking mechanism x3

stero [te'o] steradian

x1 is x2 steradian(s) [metric unit] in
solid angle (default is 1) by
standard x3

stici [sic] west

x1 is to the west/western side of x2
according to frame of reference x3

stidi [sid,ti'i] suggest

x1 (agent) suggests/proposes
idea/action x2 to audience x3; x1
(event) inspires x2 in/among x3
[event which inspires/suggests/is
suggestive (= faurti'i, sidyfau)];

stika [tik] adjust

x1 (event) adjusts/regulates/
changes x2 (ka/ni) in
amount/degree x3
[non-resultative, agentive change];

stizu [tiz] chair ('stool')

x1 is a chair/stool/seat/bench, a
piece or portion of a piece of
furniture intended for sitting

stodi [sto] constant ('stable')

x1 is constant/invariant/
unchanging in property x2 (ka) in
response to stimulus/ conditions x3
[also stable/consistent/
steadfast/firm/steady];

stuna [sun] east

x1 is to the east/eastern side of x2
according to frame of reference x3

stura [tur,su'a] structure

x1 is a structure/
arrangement/organization of x2
[set/system/complexity]
(x2, if a set, is completely
specified);

stuzi [tuz,stu] site ('position')

x1 is an inherent/inalienable
site/place/position/situation/spot/l
ocation of x2 (object/ event)
[generally used for normally
stationary objects/events, to give
their 'permanent' location];

su [SU] erase discourse

erase to start of discourse or text;
drop subject or start over

su'a [UI2] I generalize

evidential: I generalize – I
particularize; discursive: abstractly
– concretely

su'anai [UI*2] I particularize

evidential: I generalize – I
particularize; discursive: abstractly
– concretely

su'e [PA4,sup,su'e] at most

digit/number: at most (all); no
more than

su'i [VUhU1] plus

n-ary mathematical operator: plus;
addition operator; [(((a + b) + c) +
...)]

su'o [PA4,suz,su'o] at least

digit/number: at least (some); no
less than

su'oremei [MOI*] is plural

quantified selbri: convert at least 2
to cardinal selbri; x1 is a set with
plural membership x2

su'oremoi [MOI*] is at least second

quantified selbri: convert at least 2
to ordinal selbri; x1 is at-least-2nd
among x2 by rule x3

su'u [NU,suv] unspecif abstract

abstractor: generalized abstractor
(how); x1 is [bridi] as a non-specific
abstraction of type x2

sucta [suc] abstract

x1 (si'o) is abstracted/
generalized/idealized from x2
[something concrete] by rules x3

sudga [sud] dry

x1 is dry of liquid x2; (adjective:) x1
is arid

sufti [sfu] hoof

x1 is a/the hoof [body-part] of x2

suksa [suk] sudden

x1 (event/state) is sudden/ sharply changes at stage/ point x2 in process/property/ function x3 [also abrupt, discontinuous];

sumji [suj] sum

x1 is a mathematical sum/ result/total of x2 plus/ increased by x3

sumne [] smell

x1 (experiencer) smells/scents (transitive verb) x2; x2 smells/has odor/scent to observer x1

sumti [sum,su'i] argument

x1 is a/the argument of predicate/function x2 filling place x3 (kind/number) (x1 and x2 are text);

sunga [sug] garlic

x1 is a quantity of garlic [bulb] of species/strain x2

sunla [sul] wool

x1 is a quantity of/made from/consists of wool [tight curly hair] from animal/species/source x2

surla [sur] relax

x1 relaxes/rests/is at ease in/by doing/being x2 (activity)

sutra [sut] fast ('swift')

x1 is fast/swift/quick/hastes/ rapid at doing/being/bringing about x2 (event/state)

sy [BY2] s

letteral for s

ta [KOhA6,taz] that there

pro-sumti: that there; nearby demonstrative it; indicated thing/place near listener

ta'a [COI] interruption

vocative: interruption

ta'e [TAhE] habitually

tense interval modifier: habitually; subjective tense/modal; defaults as time tense

ta'enai [TAhE*] non-habitually

tense interval modifier: non-habitually; subjective tense/modal; defaults as time tense

ta'i [BAI] by method

tadji modal, 1st place (in manner 3) methodically; by method ...

ta'i ma [BAI*] by what method?

sumti question asking for a method; how?

ta'o [UI3] by the way

discursive: by the way – returning to main point

ta'onai [UI*3] return to main point

discursive: by the way – returning to main point

ta'u [UI3a] making a tanru
discursive: making a tanru – expanding the tanru

ta'unai [UI*3a] expanding the tanru
discursive: making a tanru – expanding the tanru

tabno [tab] carbon
x1 is a quantity of/contains/is made of carbon/graphite/
[diamond]/charcoal; x1 is organic

tabra [] trumpet ('brass')
x1 is a horn/trumpet/
trombone/bugle [brass-wind/lip-
reed musical instrument]

tadji [] method
x1 [process] is a method/
technique/approach/means for
doing x2 (event) under conditions
x3
[also practice/way/mode;
style/manner/conduct (= tratadji);
pattern (= montadji, tadjymo'a, or
platadji, tadjypla)];

tadni [tad] study
x1 studies/is a student of x2; x1 is a
scholar; (adjective:) x1 is scholarly

tagji [tag] snug ('tight')

x1 is snug/tight on x2 in
dimension/direction x3 at locus x4

tai [BAI] in form
tamsmi modal, 1st place (like)/(in
manner 2)
resembling ...; sharing ideal form
... (x1 resembles x2 sharing ideal
form/shape x3 in property x4)

talsa [tal] challenge
x1 (person) challenges x2 at/in
property x3

tamca [] tomato
x1 is a tomato [fruit/
vegetable/plant] of species/strain
x2

tamji [taj] thumb
x1 is a/the thumb/big toe [body-
part] on limb x2 of x3; [metaphor
based on relative shape]
[thumb (specifically the hand =
xantamji), big toe (= jmatamji)];

tamne [] cousin
x1 is cousin to x2 by bond/tie x3;
[non-immediate family member,
default same generation]
[probably preferred for
metaphorical siblings (over bruna)]

tanbo [ta'o] board
x1 is a board/plank [3-dimensional
long flat rectangle] of material x2

tance [tac] tongue

x1 is a/the tongue [body-part] of x2; (metaphor: similar to nazbi, tamji, degji)
[(adjective:) x1 is lingual];

tanjo [] tangent

x1 is the trigonometric tangent of angle/arctangent x2

tanko [] tobacco

x1 is a quantity of tobacco [leaf] of species/strain x2

tanru [tau] phrase compound

x1 is a binary metaphor formed with x2 modifying x3, giving meaning x4 in usage/instance x5 (x2 and x3 are both text or both si'o concept)

tansi [tas] pan

x1 is a pan/basin/tub/sink, a shallow container for contents x2, of material/properties x3
[also bowl];

tanxe [tax,ta'e] box ('trunk')

x1 is a box/carton/trunk/crate for contents x2, and made of material x3

tapla [] tile

x1 is a tile/cake [shape/form] of material x2, shape x3, thickness x4
[a tile is a 3-dimensional object, relatively uniform and significant in the 3rd dimension, but thin enough that its shape in the the other two

dimensions is a significant feature; 'city block' is conceptually a tile; polygon (= taplytai or kardytai – shaped like an approximately-2-dimensional block, liyclupa – a loop composed of lines)];

tarbi [] embryo

x1 is an embryo/zygote/fetus/ fertilized egg with mother x2, and father x3

tarci [tar] star

x1 is a star/sun with stellar properties x2

tarla [] tar

x1 is a quantity of/contains/is made of tar/asphalt from source x2

tarmi [tam,tai] shape ('form')

x1 [ideal] is the conceptual shape/form of object/ abstraction/manifestation x2 (object/abstract)
[also pattern; x1 is the mathematical or theoretical ideal form, while x2 is an object/event manifesting that form; e.g. circular/circle-shaped (= cukselftai) vs. circle (=cuktai, while cukla alone is ambiguous); model (= ci'ersaptai, saptai, ci'ersmitai, smitai)];

tarti [tra] behave

x1 behaves/conducts oneself as/in-manner x2 (event/ property) under conditions x3
[also (adjective:): x1 is behavioral];

taske [] thirst

x1 thirsts for x2; x1 needs/ wants drink/fluid/lubrication x2

tatpi [ta'i] tired

x1 is tired/fatigued by effort/ situation x2 (event); x1 needs/ wants rest

tatru [tat] breast ('teat')

x1 is a/the breast/mammary/ teat [body-part] of x2; [metaphor: projection providing liquid] [nipple (= tatyji'o)];

tau [LAU] shift next lerfu

2-word letteral/shift: change case for next letteral only

tavla [tav,ta'a] talk ('palaver')

x1 talks/speaks to x2 about subject x3 in language x4
[not limited to vocal speech, but this is implied by the x4 without context of some other medium of conversation (use cusku, casnu, skicu, ciksi for weaker implication of vocal communication); converse/discuss/chat (= simta'a, simsku, vricysimta'a for a conversation not clearly delimited by subject)];

taxfu [taf,ta'u] garment

x1 is dress/a garment/clothing for wearing by x2 (gender/ species/body part) serving purpose x3
[also: x2 can wear/is wearing x1; refers to something intended for use as a garment, not merely something that happens to be worn at some time (which need not be true for dasni)];

tcaci [cac] custom ('habit')

x1 is a custom/habit/[ritual/ rut] of x2 under conditions x3
[also: x1 is customary/usual/ the practice];

tcadu [tca] city ('town')

x1 is a town/city of metropolitan area x2, in political unit x3, serving hinterland/region x4
[also (adjective:): x1 is urban];

tcana [] station

x1 is a station/node of/in/on transport/communication/distribution system/network x2
[x2 may be represented by massed vehicles of system];

tcati [] tea

x1 is made of/contains/is a quantity of tea brewed from leaves x2

tcena [ten] stretch

x1 stretches/extends to range x2
[interval/extent] in dimension x3
from relaxed range x4

tcica [tic] deceive ('cheat, trick')
x1 (event/experience)
misleads/deceives/dupes/fools/cheats/tricks x2 into x3 (event/state)
[agentive deception (= ticygau, ticyzu'e); x3 could be an action or a belief on the part of x2; harmful intent or result is not implied (= malticyzu'e for such harmful intent); self deception (= sezytcica); deceive/trick into misguided action (= ticyxlu); misguided belief (= tickri); fib/lie/tell an untruth/lie/fib (= ticysku, jifsku), white lie (= zanticysku)];

tcidu [tid] read
x1 [agent] reads x2 [text] from surface/document/reading material x3; x1 is a reader

tcika [] time of day
x1 [hours, {minutes}, {seconds}] is the time/hour of state/event x2 on day x3 at location x4
[also o'clock, time-of-day]; (time units in x1 are specified as numbers separated by pi'e or are unit values massified with joi);

tcila [til] detail
x1 is a detail/feature/ particular of x2

tcima [tim,ti'a] weather ('climate')
x1 is weather at place/region x2;
(adjective:) x1 is meteorological [climate (= citsyti'a, timymo'a)];

tcini [] situation ('state')
x1 [state/property] is a situation/condition/state/position/are conditions/ circumstances of x2 [characteristics or environment of an object/event/process stage or state that are typically/potentially only temporary];

tcita [] label ('tag')
x1 is a label/tag of x2 showing information x3

te [SE,ter] 3rd conversion
3rd conversion; switch 1st/3rd places

te'a [VUHU2] to the power
binary mathematical operator: to the power; exponential; [a to the b power]

te'e [FAhA3] bordering
location tense relation/ direction; edged by/edging up to ...

te'o [PA5] exponential e
digit/number: exponential e (approx 2.71828...)

te'u [TEhU] end mex converters

elidable terminator: end
conversion between non-mex and
mex; usually elidable

tebau [BAI*] expressing
bangu modal, 3rd place
(expression)
language expressing ...

tebe'i [BAI*] sent to
benji modal, 3rd place (source)
sent to receiver ...

teca'i [BAI*] basis for authority
catni modal, 3rd place
authoritatively; with basis of
authority ...

teci'e [BAI*] of system components
ciste modal, 3rd place
of system components ...

teci'o [BAI*] emoting about
cinmo modal, 3rd place (attitude
about)
emotionally; emoting about ...

tecu'u [BAI*] as told to
cusku modal, 3rd place (3rd party
hearsay)

tede'i [BAI*] on date at location
detri modal, 3rd place
on a date measured at location ...

tedi'o [BAI*] at locus within range
diklo modal, 3rd place

locally; at specific locus within
range ...

tedu'i [BAI*] equal in property
dunli modal, 3rd place
equally; equal in property ...

tedu'o [BAI*] knowing about
djuno modal, 3rd place
knowingly; knowing about ...

tefi'e [BAI*] created for purpose
finti modal, 3rd place
creatively; created for purpose ...

tega'a [BAI*] observed by means
zgana modal, 3rd place

tei [TEI] composite lerfu
composite letteral follows; used for
multi-character letterals

teja'i [BAI*] by rule within
javni modal, 3rd place
orderly; by rule within system ...

teji'e [BAI*] limited in property
jimte modal, 3rd place
limitedly; limited in
property/domain ...

teji'o [BAI*] controlling event
jitro modal, 3rd place
controlledly; controlling event ...

teka'a [BAI*] with origin
klama modal, 3rd place

teka'i [BAI*] representing in
krati modal, 2nd place
representingly; representing in
matter...

teki'i [BAI*] with relation
ckini modal, 3rd place

teko'i [BAI*] bordering
korbi modal, 3rd place (bounding)

tela'u [BAI*] measured on scale
klani modal, 3rd place
quantity measured on scale ...

tele'a [BAI*] defined by quality
klesi modal, 3rd place (category)

teli'e [BAI*] ordered in sequence
lidne modal, 3rd place
ordered within sequence ...; non-
time sequence

tema'e [BAI*] in material form
marji modal, 3rd place

tema'i [BAI*] rules of standard
manri modal, 3rd place (of
reference)
observed/measured with/by rules
...

temau [BAI*] more in property
zmadu modal, 3rd place (relative!)
more than/exceeding in property
...

temci [tem,tei] time

x1 is the time-duration/
interval/period/[elapsed time]
from time/event x2 to time/event
x3
[also age/elapsed time (= niltei)];

teme'a [BAI*] less in property
mleca modal, 3rd place (relative!)
less than in property ...

teme'e [BAI*] as a name used by
cmene modal, 3rd place

temu'i [BAI*] motive of person
mukti modal, 3rd place
motivated/motivating per the
volition of ...

temu'u [BAI*] example out of set
mupli modal, 3rd place
as an example out of the set of ...

tenfa [tef] exponential
x1 is the exponential result of base
x2 to power/exponent x3

tengu [teg,te'u] texture
x1 (property-ka) is a texture of x2

teni'i [BAI*] under logic system
nibli modal, 3rd place
entailment under logic system ...

tepa'a [BAI*] contrasting property
panra modal, 3rd place (property)
contrastingly; contrasting in
property ...

tepi'o [BAI*] usage for purpose
pilno modal, 3rd place
(instrumental)
a tool usage for purpose ...

tepo'i [BAI*] ordering items
porsi modal, 3rd place
sequentially; as an order on set of
items ...

tepu'a [BAI*] pleasing conditions
pluka modal, 3rd place
pleasingly; being pleasing under
conditions ...

tepu'e [BAI*] processing into
pruce modal, 3rd place (outputs)
processing into outputs ...

terai [BAI*] at extreme
traji modal, 3rd place (superlative)
-est; most extremely; at extreme
...

terdi [ted] earth ('terrestrial')
x1 is the Earth/the home planet of
race x2; (adjective:) x1 is
terrestrial/earthbound

teri'a [BAI*] causal conditions
rinka modal, 2nd place
(phys./mental)
causally under conditions ...

terki [] bad programmer ('turkey')
x1 is a bad programmer. A
proposed (jocular) fu'ivla from

Ancient Loglan days, when fu'ivla
could look like gismu.

terpa [tep,te'a] fear ('terror')
x1 fears x2; x1 is afraid/
scared/frightened by/fearful of x2
(event/tu'a object)
[also: x1 feels terror about x2; x2 is
fearsome/fearful/ frightening/scary
to x1 (= selte'a to reorder places)];

terto [tet] 1E12 (metric 'tera')
x1 is a trillion [1×10^{12}] of x2 in
dimension/aspect x3 (default is
units)

tesau [BAI*] necessarily under
sarcu modal, 3rd place (conditions
2)
necessarily; necessarily under ...

tesu'u [BAI*] assisting in
sidju modal, 3rd place
assisting in
doing/maintaining/achieving ...

teta'i [BAI*] method conditions
tadji modal, 3rd place
methodically doing (something)
under conditions ...

tetai [BAI*] sharing ideal form
tamsmi modal, 3rd place
similarly; sharing common ideal
form ... (x1 resembles x2 sharing
ideal form/shape x3 in property x4)

teti'i [BAI*] suggested to

stidi modal, 3rd place
suggestively; suggested to ...

teti'u [BAI*] time on day
tcika modal, 3rd place (for letters)
as a time on day ...

teva'u [BAI*] goodness standard
xamgu modal, 3rd place
good/beneficial by standard ...

tezu'e [BAI*] with goal
zukte modal, 3rd place
purposefully; (as an action) with
goal ...

ti [KOhA6,tif] this here
pro-sumti: this here; immediate
demonstrative it; indicated
thing/place near speaker

ti'a [FAhA2] behind
location tense relation/direction;
rearwards/to the rear of ...

ti'e [UI2] I hear
evidential: I hear (hearsay)

ti'i [BAI] suggested by
stidi modal, 1st place
suggested by ...; proposed by ...

ti'o [SEI] mex precedence
mathematical expression (mex)
operator precedence (discursive)

ti'u [BAI] associated with time
tcika modal, 1st place (for letters)

associated with time ... ; attach
time stamp

tigni [tig] perform
x1 performs x2 [performance]
for/before audience x3

tikpa [tip] kick
x1 kicks [hits with x1's foot/ feet
x4] x2 in/at locus x3, using x1's
foot/feet x4

tilju [tij] heavy ('weighty')
x1 is heavy/weighty in mass/
weight by standard x2

tinbe [tib] obey
x1 obeys/follows the
command/rule x2 made by x3;
(adjective:) x1 is obedient

tinci [] tin
x1 is a quantity of/contains/is
made of tin (Sn); [metaphor: cheap
or base metal]

tinsa [] stiff
x1 is stiff/rigid/inflexible/ resistant
in direction x2 against force x3
under conditions x4
[also sometimes: firm, hard; not
limited to physical forces; e.g.
mental rigidity];

tirna [tin] hear
x1 hears x2 against
background/noise x3; x2 is audible;
(adjective:) x1 is aural

tirse [tir] iron

x1 is a quantity of/contains/is made of iron (Fe); [metaphor: strong, durable, tarnishing]
[also (adjective): x1 is ferric/ferrous];

tirxu [] tiger

x1 is a tiger/leopard/jaguar/ [tigress] of species/breed x2 with coat markings x3
[a great cat noted/recognized by its markings, metaphorically: stripes, tiger markings];

tisna [tis] fill ('stuff')

x1 (object) fills/becomes stuffed [up]/inflates/blows up with material x2; x2 pours into x1 [implies some relative degree of fullness will result; agentive filling (= tisyse'a, tisygau, tisyzu'e); inflate/become inflated/blow up (= gacytisna, agentive gacyse'a); pour into (= liktisna, agentive likse'a)];

titla [tit] sweet

x1 is sweet/sugary/saccharine to observer x2

tivni [tiv] television

x1 broadcasts/televises programming x2 via medium/channel x3 to television receiver x4

[also x1 is a broadcaster; x2 programming (mass), program/show (ind.)];

tixnu [tix,ti'u] daughter

x1 is a daughter of mother/father/parents x2; [not necessarily biological]

to [TO] start parenthesis

left parenthesis; start of parenthetical note which must be grammatical Lojban text

to'a [BY1] lower-case shift

lower-case letteral shift

to'e [NAhE,tol,to'e] polar opposite scalar negator

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to'i [TO] editorial unquote

open editorial unquote (within a quote); contains grammatical text; mark with editorial insert

to'o [FAhA4] away from point

location tense relation/direction; departing from/directly away from ...

to'u [UI3] in brief

discursive: in brief – in detail

to'unai [UI*3] in detail

discursive: in brief – in detail

toi [TOI] end parenthesis

elidable terminator: right parenthesis/end unquote; seldom elidable except at end of text

toknu [tok] oven

x1 is an oven [enclosure that heats its contents] for baking/heating/drying x2

toldi [tod] butterfly

x1 is a butterfly/moth of species/breed x2

tonga [tog,to'a] tone

x1 is a tone/note of frequency/pitch x2 from source x3

tordu [tor,to'u] short

x1 is short in dimension/ direction x2 (default longest dimension) by measurement standard x3

tonri [ton,to'i] twist ('torsion')

x1 twists under load/force/ torsion x2

traji [rai] superlative ('extreme')

x1 is superlative in property x2 (ka), the x3 extreme (ka; default ka zmadu) among set/range x4 [also: x1 is x3-est/utmost in x2 among x4; x1 is the x3 end of x4; x1 is extreme; x1 is simply x3];

trano [] nitrogen

x1 is a quantity of/contains/is made of nitrogen/ammonia/nitrates

[(adjective:) x1 is nitric/ nitrous];

trati [] taut

x1 is taut/tense/strained tight in direction x2

trene [ren,re'e] train

x1 is a train [vehicle] of cars/ units x2 (mass) for rails/ system/railroad x3, propelled by x4 [a railed vehicle or train of vehicles; also subway (tu'unre'e), metro, trolley, tramway (= lajre'e), roller coaster; monorail (= dadre'e); cable car, sky car, ski lift (= cildadre'e)];

tricu [ric] tree

x1 is a tree of species/cultivar x2

trina [tri] attract

x1 attracts/appeals to/lures x2 (person/event) with property/quality x3 (ka) [also: x1 is alluring to x2];

trixe [rix,ti'e] behind

x1 is posterior/behind/back/in the rear of x2 which faces/in-frame-of-reference x3 [also: x3 is the standard of orientation for x2; spine (= rixybo'u, rixybo'ukamju)];

troci [toc,toi] try

x1 tries/attempts/makes an effort to do/attain x2 (event/ state/property) by actions/ method x3

[also experiments at];

tsali [tsa] strong

x1 is strong/powerful/[tough] in property/quality x2 (ka) by standard x3

tsani [tan] sky

x1 is an expanse of sky/the heavens at place x2; [celestial]

tsapi [] seasoning

x1 is a seasoning/condiment/ spice causing flavor/effect x2 (event/property)
[also: x1 flavors x2 (tu'a)];

tsiju [tsi] seed

x1(s) is/are (a) seed(s)/ spore(s) [body-part] of organism x2 for producing offspring x3
[also germ cell; implies actual potential for self-development; seeds generally contain embryo and food, and hence would include a fertilized egg]

tsina [sin] stage

x1 is a stage/platform/dais/ [scaffold] at/in x2 supporting x3, made of material x4 (x3 object/event);

tu [KOhA6,tuf] that yonder

pro-sumti: that yonder; distant demonstrative it; indicated thing far from speaker & listener

tu'a [LAhE] the bridhi implied by extracts a concrete sumti from an unspecified abstraction; equivalent to le nu/su'u [sumti] co'e

tu'e [TUhE] start text scope

start of multiple utterance scope; used for logical/non-logical/ordinal joining of sentences

tu'i [BAI] associated with site

stuzi modal, 1st place (used to situate letters) associated with site ... ; label with location

tu'o [PA5] null operand

digit/number: null operand (used in unary operations); a non-specific/elliptical number

tu'u [TUhU] end text scope

elidable terminator: end multiple utterance scope; seldom elidable

tubnu [tu'u] tube

x1 is a length of tubing/pipe/ hollow cylinder [shape/form] of material x2, hollow of material x3 [also tube, sleeve, leg, hose, (adjective:) tubular];

tugni [tug,tu'i] agree

x1 [person] agrees with person(s)/position/side x2 that x3 (du'u) is true about matter x4

tujli [tuj] tulip

x1 is a tulip (defined by flower shape) of species/strain x2

tumla [tum,tu'a] land

x1 is a parcel/expanse of land at location x2; x1 is terrain

tunba [tub] sibling

x1 is a sibling of x2 by bond/tie/standard/parent(s) x3

tunka [tuk] copper

x1 is made of/contains/is a quantity of copper (Cu);
[metaphor: reddish, electrical conductor]

tunlo [tul,tu'o] swallow

x1 gulps/swallows
[x1 swallows down [food/drink] x2 (= tulpinxe, tulcti, citu'o (the latter two are more general – for food or beverage); swallow/engulf (= galxycti, galxynerbi'o, galxygre);

tunta [tun] poke ('stab')

x1 (object, usually pointed) pokes/jabs/stabs/prods x2 (experiencer)
[agentive (= tungau, tunzu'e)];

tuple [tup,tu'e] leg

x1 is a/the leg [body-part] of x2; [metaphor: supporting branch]

turni [tru] govern

x1 governs/rules/is ruler/governor/sovereign/reigns over

people/territory/ domain/subjects x2

[x2 need not be complete specification of set of governed; reign/rule (= noltru); king/queen/sovereign (= nolraitru); pure democracy (= roltrusi'o), representative democracy (= rolka'itrusi'o), viceroy (= ka'itru), pure communism (= guntrusi'o), board of directors/trustees, steering committee (= trukamni); government (= trugunma, trugri (emphasizing the components), truci'e (emphasizing the organization))];

tutci [tci] tool

x1 is a tool/utensil/resource/instrument/implement used for doing x2; [form determines function]

tutra [tut] territory

x1 is territory/domain/space of/belonging to/controlled by x2

ty [BY2] t

letteral for t

u [A] sumti whether

logical connective: sumti
afterthought whether-or-not

u'a [U1] gain

attitudinal: gain – loss

u'anai [U1*1] loss

attitudinal: gain – loss

u'e [UI1] wonder
attitudinal: wonder –
commonplace

u'enai [UI*1] commonplace
attitudinal: wonder –
commonplace

u'i [UI1] amusement
attitudinal: amusement –
weariness

u'inai [UI*1] weariness
attitudinal: amusement –
weariness

u'o [UI1] courage
attitudinal: courage – timidity –
cowardice

u'ocu'i [UI*1] timidity
attitudinal: courage – timidity –
cowardice

u'onai [UI*1] cowardice
attitudinal: courage – timidity –
cowardice

u'u [UI1] repentance
attitudinal: repentance – lack of
regret – innocence

u'ucu'i [UI*1] lack of regret
attitudinal: repentance – lack of
regret – innocence

u'unai [UI*1] innocence
attitudinal: repentance – lack of
regret – innocence

ua [UI1] discovery
attitudinal: discovery –
confusion/searching

uanai [UI*1] confusion
attitudinal: discovery –
confusion/searching

ubu [BY*] u
letteral for u

ue [UI1] surprise
attitudinal: surprise – not really
surprised – expectation

uecu'i [UI*1] not very surprised
attitudinal: surprise – not really
surprised – expectation axis

uenai [UI*1] expectation
attitudinal: surprise – expectation

uepei [UI*1] surprised?
attitudinal: surprise question

ui [UI1] happiness
attitudinal: happiness –
unhappiness

uibu [BY*] happy face
letteral: happiness symbol (letteral)

uinai [UI*1] unhappiness

attitudinal: happiness – unhappiness

uo [UI1] completion
attitudinal: completion – incompleteness

uonai [UI*1] incompleteness
attitudinal: completion – incompleteness

uu [UI1] pity
attitudinal: pity – cruelty

uunai [UI*1] cruelty
attitudinal: pity – cruelty

va [VA,vaz] there at
location tense distance: near to ... ;
there at ...; a medium/small
distance from ...

va'a [VUhU3] additive inverse
unary mathematical operator:
additive inverse; [– a]

va'i [UI3] in other words
discursive: in other words – in the
same words

va'inai [UI*3] in the same words
discursive: in other words – in the
same words

va'o [BAI] under conditions
vanbi modal, 1st place (conditions
1)

under conditions ...; in
environment ...

va'u [BAI] benefiting from
xamgu modal, 1st place beneficiary
case tag complement benefiting
from ...

vacri [var] air
x1 is a quantity of air/ normally-
gaseous atmosphere of planet x2,
of composition including x3

vai [PA2] hex digit F
digit/number: hex digit F (decimal
15) [fifteen]

vajni [vaj,vai] important
(‘significant’)
x1 (object/event) is
important/significant to x2
(person/event) in aspect/for
reason x3 (nu/ka)
[also: x1 matters to x2 in
aspect/respect x3];

valsi [val,vla] word
x1 is a word meaning/causing x2 in
language x3; (adjective: x1 is
lexical/verbal)

vamji [vam,va'i] value
x1 (ni) is the equivalent value/
worth of x2 [item(s) of value] to x3
for use/appreciation x4
[also: x2 is worth x1 to x3; (for x2
person:) x2 merits (one sense),
(adjective:) x2 is worthy (= selva'i

for reordered places); merit reward (= nemselva'i); receive merited reward (= vamselne'u); x2 may be a specific object, a commodity (mass), an event, or a property; pedantically, for objects/commodities, this is sumti-raising from ownership of the object/commodity (= posyva'i, posyselva'i for unambiguous semantics));

vamtu [vat] vomit

x1 vomits/regurgitates x2; x1 throws x2 up; [violent] digestive expulsion (x2 is non-gaseous);

vanbi [vab] environment ('ambient')

x1 (ind./mass) is part of an environment/surroundings/context /ambience of x2 [(adjective:): x1 is ambient];

vanci [vac] evening

x1 is an evening [from end-of-work until sleep typical for locale] of day x2 at location x3 [this evening (= cabvanci); tomorrow evening (= bavlavanci); yesterday evening (= prulamvanci)];

vanju [van] wine

x1 is made of/contains/is a quantity of wine from fruit/ grapes x2

vasru [vas,vau] contain ('vessel')
x1 contains/holds/ encloses/ includes contents x2 within; x1 is a vessel containing x2 [also accommodates, container; containment need not be total; x2 is [contained] in x1 (= selvau for reordered places)];

vasxu [vax,va'u] breathe ('vascular')
x1 breathes/respires x2 [gas] (though used to make the Lojban word, clue word vascular is erroneous, actually pertaining to the circulatory system that carries the respired oxygen to the tissues);

vau [VAU] end simple bridi
elidable: end of sumti in simple bridi; in compound bridi, separates common trailing sumti

ve [SE,vel] 4th conversion
4th conversion; switch 1st/4th places

ve'a [VEhA] small space interval
location tense interval: a small/medium region of space

ve'e [VEhA,ve'e] whole space interval
location tense interval: the whole of space
(rafsi is used to represent any space interval)

ve'i [VEhA] tiny space interval
location tense interval: a tiny
region of space

ve'o [VEhO] right bracket
right mathematical bracket

ve'u [VEhA] big space interval
location tense interval: a large
region of space

vebe'i [BAI*] transmit origin
benji modal, 4th place

veci'e [BAI*] with synergy in
ciste modal, 4th place
as a system with synergy in ...

vecnu [ven,ve'u] sell ('vend')
x1 [seller] sells/vends x2
[goods/service/commodity] to
buyer x3 for amount/cost/ expense
x4
[x1 is a salesperson/
salesman/vendor; x3 buys x2 from
x1 (= terve'u for reordered terms);
x4 is the price of x2 to x3 (= velve'u
for reordered terms); for sale (=
fitselve'u, selvenfriti); x2 may be a
specific object, a commodity
(mass), an event, or a property;
pedantically, for
objects/commodities, this is sumti-
raising from ownership of the
object/commodity (= posyve'u,
posyselve'u for unambiguous
semantics)];

vecu'u [BAI*] expressed in medium
cusku modal, 4th place
in expression medium ...

vede'i [BAI*] on date by calendar
detri modal, 4th place
on a date according to calendar ...

vedu'o [BAI*] under epistemology
djuno modal, 4th place

vefi'e [BAI*] created from
finti modal, 4th place
creatively; created from
ideas/elements ...

vega'a [BAI*] observed under
zgana modal, 4th place (under
conditions)
observed under observing
conditions ...

vei [VEI] left bracket
left mathematical bracket

veka'a [BAI*] via route
klama modal, 4th place

vemau [BAI*] more by amount
zmadu modal, 4th place (relative!)
more than/exceeding by amount
...

veme'a [BAI*] less by amount
mleca modal, 4th place (relative!)
less than by amount ...

venfu [vef] revenge ('avenge')

x1 takes revenge on/retaliates against x2 (person) for wrong x3 (nu) with vengeance x4 (nu) [also avenge; (adjective:) x1 is vengeful];

vensa [ves] spring ('vernal')
x1 is spring/springtime [warming season] of year x2 at location x3; (adjective:) x1 is vernal

vepa'a [BAI*] similar by standard panra modal, 4th place (standard/geometry)
similarly; similar by standard ...

vepu'e [BAI*] passing thru stages pruce modal, 4th place (set of stages)
passing through processing stages
...

verai [BAI*] superlative among traji modal, 4th place (set)
-est; most extremely; superlative among ...

verba [ver,ve'a] child
x1 is a child/kid/juvenile [a young person] of age x2, immature by standard x3
[not necessarily human];

vetai [BAI*] similar in property tamsmi modal, 4th place
similarly; sharing ideal form in property ... (x1 resembles x2

sharing ideal form/shape x3 in property x4)

veti'u [BAI*] time at location tcika modal, 4th place (for letters)
as a time at location ...

vi [VA,viz] here at location tense distance: here at ... ; at or a very short/tiny distance from ...

vi ma [VA*,where?,sumti question asking for a location: at/near what?]

vi'a [VIhA] 2-space interval dimensionality of space interval tense: 2-space interval; throughout an area

vi'e [VIhA] 4-space interval dimensionality of space interval tense: 4-space interval; throughout a spacetime

vi'i [VIhA] 1-space interval dimensionality of space interval tense: 1-space interval; along a line

vi'o [COI] wilco
vocative: wilco (ack and will comply)

vi'u [VIhA] 3-space interval dimensionality of space interval tense: 3-space interval; throughout a space

vibna [vib] vagina

x1 is a/the vagina [body-part] of x2

vidni [] video

x1 is a video monitor/CRT/ screen
[machine] serving function x2

vidru [vir] virus

x1 is a virus of species/breed/
defining property x2 capable of
infecting [at] x3

vifne [vif] fresh

(adjective:) x1 is fresh/ unspoiled

vikmi [vim,vi'i] excrete

x1 [body] excretes waste x2 from
source x3 via means/route x4

viknu [vik] viscous ('thick')

x1 is thick/viscous under conditions
x2

vimcu [vic,vi'u] remove

x1 removes/subtracts/
deducts/takes away x2 from x3
with/leaving
result/remnant/remainder x4
[also appropriates, confiscates;
alienation is inherent];

vidnu [vid] poison ('venom')

x1 is poisonous/venomous/ toxic/a
toxin to x2

vinji [vij] airplane

x1 is an airplane/aircraft [flying
vehicle] for carrying
passengers/cargo x2, propelled by
x3

vipsi [vip] deputy ('vice')

x1 is a deputy/vice/ subordinate in
aspect [or organization principle]
x2 (ka) to principal x3
[also assistant, adjutant];

virnu [vri] brave ('valiant, virtue')

x1 is brave/valiant/ courageous in
activity x2 (event) by standard x3

viska [vis,vi'a] see ('vision')

x1 sees/views/perceives visually x2
under conditions x3
[also (adjective:) x1 is visual; x3 can
include ambient lighting,
background, etc. which may affect
what is perceived; note that
English see often means look or a
more generic observe, or even
understand, know];

vitci [vit] irregular ('intermittent')

x1 is irregular/occasional/
intermittent in property/
action/aspect x2

vitke [vi'e] guest ('visit')

x1 is a guest/visitor of x2 at
place/event x3; x1 visits x2/x3

vitno [vi'o] permanent ('eternal')

x1 is permanent/lasting/ [eternal]
in property x2 (ka) by standard x3
[time-span/expectant one]
[also everlasting];

vlagi [lag] vulva

x1 is a/the vulva [body-part] of x2

vli [vil] violent

x1 is an event/state/act of violence

vlina [] alternation

x1 is a logical alternation/
disjunction, stating that x2 (du'u)
and/or x3 (du'u) is/are true

vli [vli] powerful

x1 has the power to bring about x2
under conditions x3; x1 is powerful
in aspect x2 under x3
[also potent, has control/ mastery];

vo [PA1,von] 4

digit/number: 4 (digit) [four]

vo'a [KOhA4] x1 it

pro-sumti: repeats 1st place of
main bridi of this sentence

vo'e [KOhA4] x2 it

pro-sumti: repeats 2nd place of
main bridi of this sentence

vo'i [KOhA4] x3 it

pro-sumti: repeats 3rd place of
main bridi of this sentence

vo'o [KOhA4] x4 it

pro-sumti: repeats 4th place of
main bridi of this sentence

vo'u [KOhA4] x5 it

pro-sumti: repeats 5th place of
main bridi of this sentence

vofli [vol,voi] flight ('fly')

x1 flies [in air/atmosphere] using
lifting/propulsion means x2

voi [NOI] descriptive clause

non-veridical restrictive clause
used to form complicated le-like
descriptions using ke'a

voki'o [PA*] 4,000

number/quantity: 4,000 expressed
with comma

voksa [vok,vo'a] voice

x1 is a voice/speech sound of
individual x2

vomoi [MOI*] is fourth among

quantified selbri: convert 4 to
ordinal selbri; x1 is fourth among
x2 ordered by rule x3

vono [PA*] 40

number/quantity: 40 [forty]

vonono [PA*] 400

number/quantity: 400 [four
hundred]

vor [vor,vro] door

x1 is a doorway/gateway/ access way between x2 and x3 of structure x4

[note: emphasis on route nature; solid door (= vrogai/vrobi'u/vroz'u'itci)];

vraga [vra] lever

x1 is a lever [tool] [of apparatus] for doing x2 [function/action], with fulcrum x3 and arm x4

vreji [rej,vei] record

x1 is a record of x2 (data/facts/du'u) about x3 (object/ event) preserved in medium x4

vreta [vre] reclining ('rest')

x1 lies/rests/reclines/reposes on x2; x1 is reclining/ recumbent/lying on x2

vrici [] miscellaneous ('various')

x1 (set/mass/ind.) is miscellaneous/various/assorted in property x2 (ka)

vrude [vud,vu'e] virtue

x1 is virtuous/saintly/[fine/moral/nice/holy/morally good] by standard x2 [holy/saintly (= cesyvu'e)];

vrusi [vus,vu'i] taste ('flavor')

x1 (ka) is a taste/flavor of/emitted by x2; x2 tastes of/like x1 [also: x2 tastes of seasoning x1, x1 is a seasoned flavor of x2 (=

tsapyvu'i); vrusi may overlap the senses of taste and smell, since the latter is a significant component of taste];

vu [VA,vuz] yonder at

location tense distance: far from ... ; yonder at ... ; a long distance from ...

vu'a [FAhA1] west of

location tense relation/direction; west of

vu'e [UI5] virtue

attitudinal modifier: virtue – sin

vu'enai [UI*5] sin

attitudinal modifier: virtue – sin

vu'i [LAhE] the sequence of

sumti qualifier: the sequence made from set or composed of elements/components; order is vague

vu'o [VUhO] long scope relative

joins relative clause/phrase to complete complex or logically connected sumti in afterthought

vu'u [VUhU1] minus

n-ary mathematical operator: minus; subtraction operator; [(((a – b) – c) – ...)]

vukro [vur,vu'o] Ukrainian

x1 reflects Ukrainian language/culture/nationality in aspect x2

vy [BY2] v
letteral for v

xa [PA1,xav] 6
digit/number: 6 (digit) [six]

***xa'o** [ZAHO] subjective
opposite of za'o.Event contour:
refers to the portion of the event
which occurs before the natural
beginning; starting too early before
...; <----.

xabju [xa'u] dwell ('inhabit')
x1 dwells/lives/resides/abides
at/inhabits/is a resident of
location/habitat/nest/home/abode
x2

xadba [xab] half
x1 is exactly/approximately
half/semi-/demi-/hemi- of x2 by
standard x3

xadni [xad] body
x1 is a/the body/corpus/ corpse of
x2; (adjective:) x1 is
corporal/corporeal

xagji [] hunger
x1 hungers for x2; x1 needs/ wants
food/fuel x2

xagri [] reed

x1 is a oboe/clarinet/ saxophone
[reed musical instrument] with
reed x2

***xai** [KOhA] repeat multiple bridi
repeats two or more preceding
sumti, not one plural sumti

xajmi [xam] funny ('comic')
x1 is funny/comical to x2 in
property/aspect x3 (nu/ka); x3 is
what is funny about x1 to x2
[also: x1 is a comedian (= xampre,
xamseljibri for a professional
comedian)]; (x1 can be a
person/object or an abstraction; be
careful about possible sumti-
raising);

xaki'o [PA*] 6,000
number/quantity: 6,000 expressed
with comma

xaksu [xak] use up
x1 (event) uses up/depletes/
consumes/[wastes] x2 [resource]
[waste (= fesxaksu, dusxaksu)];

xalbo [] levity ('frivolous')
x1 uses levity/is non-serious/
frivolous about x2 (abstraction)

xalka [xal] alcohol
x1 is a quantity of/contains/is
made of alcohol of type x2 from
source/process x3

xalni [] panic

x1 (person) is panicked by crisis x2
(event/state)

xamgu [xag,xau] good

x1 (object/event) is good/
beneficial/nice/[acceptable] for x2
by standard x3
[acceptable (= mlixau, norxau,
xaurselcru)];

xamoi [MOI*] is sixth among
quantified selbri: convert 6 to
ordinal selbri; x1 is sixth among x2
ordered by rule x3

xampo [xap,xa'o] ampere

x1 is x2 ampere(s) [metric unit] in
current (default is 1) by standard x3

xamsi [xas] sea

x1 is a sea/ocean/gulf/
[atmosphere] of planet x2, of fluid
x3; (adjective:) x1 is marine
[also atmosphere (= varxamsi,
varsenta)];

xance [xan,xa'e] hand

x1 is a/the hand [body-part] of x2;
[metaphor: manipulating tool,
waldo]
[(adjective:) x1 is manual];

xanka [] nervous ('anxious')

x1 is nervous/anxious about x2
(abstraction) under conditions x3

xano [PA*] 60

number/quantity: 60 [sixty]

xanono [PA*] 600

number/quantity: 600 [six
hundred]

xanri [xar] imaginary ('unreal')

x1 [concept] exists in the
imagination of/is imagined by/is
imaginary to x2

[also (adjective:) x1 is mental (one
sense), x1 is unreal (one sense); in
spite of the synonym, note that x2
is imaginary does not imply that it
doesn't exist in the real world; the
definition is crafted so that one can
talk about imaginary things without
claiming that they thereby really
exist];

xanto [] elephant

x1 is an elephant of species/ breed
x2

xarci [xac,xa'i] weapon ('arms')

x1 is a weapon/arms for use
against x2 by x3
[gun/cannon (= celxa'i)];

xarju [xaj] pig ('hog')

x1 is a pig/hog/swine/[boar]
[pork/ham/bacon-producer] of
species/breed x2
[sow (= fetxarju), boar (=
nakyxarju), pork (= xajre'u), piglet
(= citxarju)];

xarnu [] stubborn

x1 is stubborn/willfully
opposing/resisting **x2** about **x3**
(event/state)
[**x2** may be a person, a state or
condition, or a force; the essence is
willful resistance];

xasli [] donkey ('ass')

x1 is a donkey/jackass of
species/breed **x2**

xasne [] sweat

x1 is a/the sweat/perspiration from
body **x2**, excreted by
gland(s)/organs **x3**

xatra [xa'a] letter

x1 is a letter/missive/[note] to
intended audience **x2** from
author/originator **x3** with content
x4

xatsi [xat] 1E-18 (metric 'atto')

x1 is $1 \times 10^{*-18}$ of **x2** in
dimension/aspect **x3** (default is
units)

xavoki'o [PA*] 64,000

number/quantity: 64,000
expressed with comma

xazdo [xaz,zdo] Asiatic

x1 reflects Asiatic culture/
nationality/geography in aspect **x2**

xe [SE,xel] 5th conversion

5th conversion; switch 1st/5th
places

xebe'i [BAI*] transmitted via
benji modal, 5th place (medium)

xebni [xen,xei] hate

x1 hates/despises **x2** (object/
abstraction); **x1** is full of hate for
x2; **x2** is odious to **x1**
[**x1** is hateful (one sense); **x2** is
hateful (different sense)];

xebro [xeb,bro] Hebrew

x1 reflects Hebrew/Jewish/ Israeli
culture/nationality/ language in
aspect **x2**

xecto [xet,cto] 100 (metric 'hecto')

x1 is a hundred [100; $1 \times 10^{*2}$] of
x2 in dimension/aspect **x3** (default
is units)

xedja [xej,x'e'a] jaw

x1 is a/the jaw [body-part] of **x2**

***xei** [PA2] digit/number: hex digit E
(decimal 14) [fourteen] Used as an
alternative to rei to avoid confusion
with re.

xeka'a [BAI*] by transport mode
klama modal, 5th place

xekri [xek,x'e'i] black

x1 is black/extremely dark-colored
[color adjective]

xelso [xes] Greek ('Hellas')

x1 reflects Greek/Hellenic culture/nationality/language in aspect **x2**

xendo [xed,xe'o] kind

x1 (person) is kind to **x2** in actions/behavior **x3**

xenru [xer,xe'u] regret ('rue')

x1 regrets/ruess (abstraction) **x2**; **x1** is regretful/rueful/sorry/[remorseful] about **x2**
[also: **x1** feels remorse about **x2** (= zugyxe'u)];

xexso [xex] 1E18 (metric 'exa')

x1 is 1×10^{18} of **x2** in dimension/aspect **x3** (default is units)

xi [XI] subscript

subscript; attaches a number of letteral string following as a subscript onto grammar structures

xindo [xin] Hindi

x1 reflects Hindi language/culture/religion in aspect **x2**
[defaults to not include Urdu; Indian (Bharat) nationality may be implied (when constrained by xingu'e)];

xinmo [xim] ink

x1 is a quantity of ink of color/pigment **x2** used by writing device **x3**

xirma [xir,xi'a] horse

x1 is a horse/equine/[colt/mare/stallion/pony] of species/breed **x2**
[(adjective:) **x1** is equine/equestrian];

xislu [xil,xi'u] wheel

x1 is a wheel [tool] of device/vehicle **x2**, made of materials/having properties **x3**

xispo [xip] Hispanic

x1 reflects Hispano-American culture/nationalities in aspect **x2**
[refers to Spanish-speaking Latin-American countries, not Brazil/Guyana];

xlali [xla] bad ('mal-')

x1 is bad for **x2** by standard **x3**; **x1** is poor/unacceptable to **x2**
[be careful to distinguish between a bad/unacceptable event, and a bad/unacceptable agent: **x1** does poorly (= lenu ko'a gasnu cu xlali and not normally ko'a xlali)];

xlura [xlu] influence ('lure')

x1 (agent) influences/lures/tempts **x2** into action/state **x3** by influence/threat/lure **x4**
[also impresses; **x4** is alluring (= trivelxlu for place reordering); **x3** may be an achieved action/state, or an attempt to perform an action/enter a state)]; (**x3** and **x4** are normally events or states);

xo [PA5] number ?

digit/number: number/digit/lerfu
question

***xo'e** [LE] Generic article
simply converts a selbri to a sumti.
Avoids obligatory marking for
veridicality and quantity.
Identical to lo under xorlo.

***xoi** [ROI/NA] fuzzy logic
emph{1.} to the degree of...When
prefixed by a number, turns the
number into a selbri that expresses
some truth value between zero and
one, inclusive. emph{2.} it may or
may not be the case that ...
This experimental cmavo form has
been assigned meanings several
times independently. The first
sense generalizes na and ja'a by
creating a scale between them.
This can be seen as an
implementation of fuzzy logic. This
sense has now been retired in favor
of subscripting ja'a with xi. The
other sense is not intended
seriously, but rather as a kind of
reductio-ad-absurdum. As it makes
any sentence true, regardless of
the content, it shows that a
language that is excessively free to
interpretation is impossible to
express anything in.

xotli [xol,xoi] hotel

x1 is a hotel/inn/hostel at location
x2 operated by x3

xrabo [rab] Arabic
x1 reflects Arabic-speaking
culture/nationality in aspect x2

xrani [xai] injure ('hurt')
x1 (event) injures/harms/ damages
victim x2 in property x3 (ka)
resulting in injury x4 (state)
[also hurts];

xriso [xis,xi'o] Christian
x1 pertains to the Christian
religion/culture/nationality in
aspect x2

xruba [xub] buckwheat ('rhubarb')
x1 is a quantity of buckwheat/
rhubarb/sorrel grass of
species/strain x2

xruki [xuk] turkey
x1 is a turkey [food/bird] of
species/breed x2

xrula [rul] flower
x1 is a/the flower/blossom/ bloom
[body-part] of plant/ species x2;
(adjective:) x1 is floral

xruti [xru] return
x1 (agent) returns x2 to
origin/earlier state x3 from x4; x1
moves/gives x2 back to x3 from x4
[x2 goes back/[retreats] to x3 (= se'ixru for agent self-returning to a

previous location/situation:
renumber places in the *lujvo*); (*x3*
may be a location or a person or an
event/situation; the latter may also
be expressed with *krefu* or *rapli*
and a causative like *rinka/rikygau*);

xu [UI6] true-false ?
discursive: true-false question

xukmi [xum,xu'i] chemical
x1 is an instance of
substance/chemical/drug *x2*
(individual or mass) with purity *x3*

xunre [xun,xu'e] red
x1 is red/crimson/ruddy [color
adjective]

xurdo [xur,xu'o] Urdu
x1 reflects Urdu language/
culture/nationality in aspect *x2*

xusra [xus,xu'a] assert
x1 (agent) asserts/claims/ declares
x2 (*du'u*) is true [can be used for
epistemology of authority]
[also: *x1* states/says that/
affirms/purports to know that *x2*];

xutla [xul] smooth
x1 is smooth/even/[soft/silky] in
texture/regularity

xy [BY2] x
letteral for x

y [Y] hesitation

hesitation noise; maintains the
floor while speaker decides what to
say next

y'y [BY2] '
letteral for '

ybu [BY*] y
letteral for y

za [Zl] medium time
time tense distance: medium
distance in time

za'a [UI2] I observe
evidential: I observe

***za'ai** [Zl] unspecified time
time tense distance: an unspecified
distance in time
Used to express a time distance
without specifying any subjective
notion about its size. May typically
be used in a question when the
subjective notion is not known.

za'e [BAhE] nonce-word next
forethought nonce-word indicator;
indicates next word is nonce-
creation and may be nonstandard

za'i [NU1,zaz] state abstract
abstractor: state (event)
abstractor; *x1* is continuous state
of [*bridi*] being true

za'o [ZAhO,za'o] superfective

interval event contour: continuing
too long after natural end of ...;
superfective | ---->

za'u [PA3] greater than
digit/number: greater than

zabna [zan,za'a] favorable
x1 is a favorable connotation/
sense/way-of-looking-at x2 used by
x3

zai [LAU] select alphabet
2-word letteral/shift: alternate
alphabet selector follows

zajba [zaj] gymnast
x1 is a gymnast at/performs
gymnastics feat x2

zalvi [zal] grind ('pulverize')
x1 [individual or mass of hard
surfaces] grinds/pulverizes/
crushes x2 into powder x3
[may need mosra tanru];

zanru [zar,zau] approve
x1 approves of/gives favor to
plan/action x2 (object/event)

zarci [zac,zai] market ('mart')
x1 is a market/store/
exchange/shop(s) selling/trading
(for) x2, operated by/with
participants x3
[also: mall, marketplace, shopping
center, cooperative, bazaar, trading
post, mart; the concept is the

function of selling/exchanging
coupled with a location, and is
more oriented to the larger
concept of marketplace than the
stalls/shops that comprise it,
though it does not exclude the
latter individual shops (= zaisle); x3
may include both
owners/proprietors and customers
in some markets, but in most
contexts refers only to the
operators];

zargu [zag,za'u] buttock ('arse')
x1 is a/the buttock(s)/arse/
rear/seat [body-part] of x2;
[metaphor: rounded surface,
support]
[also ass, behind, butt];

zasni [zas] temporary ('transient')
x1 is temporary/not
permanent/expected to change in
property x2 (ka) by
standard/expectant x3
[also transient];

zasti [zat,za'i] exist
x1 exists/is real/actual/reality for
x2 under metaphysics x3
[words usable for epistemology
typically have a du'u place]; [x1 is
physical (one sense)];

zau [BAI] approved by
zanru modal, 1st place

zbabu [bab] soap

x1 is a quantity of/contains/is made of soap from source x2 of composition including x3

zbani [] bay

x1 is a bay in/of coast/ shoreline x2

zbasu [zba] make

x1 makes/assembles/builds/manufactures/creates x2 out of materials/parts/ components x3 [should not be used to express causation];

zbepi [zbe] pedestal ('base')

x1 is a pedestal/base/stand/ pallet supporting x2 (object/ event), of materials/ properties x3 [pallet (= lafyzbe)];

zdani [zda] nest ('den')

x1 is a nest/house/lair/den/ [home] of/for x2 [home (= tercnizda), house (constructed building) (= zdadi'u)];

zdile [zdi] amusing ('amused')

x1 (abstract) is amusing/ entertaining to x2 in property/aspect x3; x3 is what amuses x2 about x1 [also: x1 occupies x2 pleasantly; x1 is fun for x2; x2 is amused by x1; x2 has fun (at) doing x1; x1 is an amusement/entertainment/[game] for x2];

ze [PA1,zel] 7

digit/number: 7 (digit) [seven]

ze'a [ZEhA] medium time interval
time tense interval: a medium length of time

ze'aba [ZEhA*] for a while after
time tense: a medium time interval offset towards the future;
(tense/modal)

ze'aca [ZEhA*] for a while during
time tense: a medium time interval spanning the present;
(tense/modal)

***ze'ai** [ZEhA] unspecific time interval
time tense interval: an unspecified amount of time
Used to express a duration without specifying any subjective notion about its length. May typically be used in a question when the subjective notion is not known.

ze'apu [ZEhA*] for a while before
time tense: a medium time interval offset towards the past;
(tense/modal)

ze'e [ZEhA,ze'e] whole time interval
time tense interval: the whole of time (rafsi is used to represent any time interval)

***ze'ei** [ZEhEI] nonce cmavo
nonce word with existing grammar.

binds two arbitrary words together to form a nonce word whose semantics are indicated by the left word and whose selma'o is the same as that of the right word. Useful for creating nonce cmavo without having to allocate experimental cmavo forms.

ze'i [ZEhA] short time interval
time tense interval: an instantaneous/tiny/short amount of time

ze'o [FAhA4,zev,ze'o] outward location tense relation/direction; beyond/outward/receding from ...

ze'u [ZEhA] long time interval
time tense interval: a long amount of time

zei [ZEI] lujvo glue
joins preceding and following words into a lujvo

zeki'o [PA*] 7,000
number/quantity: 7,000 expressed with comma

zekri [zer,zei] crime
x1 (event/state) is a crime/[taboo/offense/sin] to people/culture/judges/jury x2 [taboo (=kluzei, cacyzei); sin (=madzei, jdamadzei); heresy (=jdazei)];

zemoi [MOI*] is seventh among quantified selbri: convert 7 to ordinal selbri; x1 is seventh among x2 ordered by rule x3

zenba [zen,ze'a] increase ('augment')
x1 (experiencer) increases/is incremented/augmented in property/quantity x2 by amount x3

zeno [PA*] 70
number/quantity: 70 [seventy]

zenono [PA*] 700
number/quantity: 700 [seven hundred]

zepti [zep] 1E-21 ('zepto')
x1 is $1 \times 10^{** -21}$ of x2 in dimension/aspect x3 (default is units)

zetro [zet] 1E21 ('zetta')
x1 is $1 \times 10^{** 21}$ of x2 in dimension/aspect x3 (default is units)

zgana [zga] observe
x1 observes/[notices]/watches/beholds x2 using senses/means x3 under conditions x4 [behold/watch/gaze (=vi'azga); guard/watchman/ sentinel (=zgaku'i, jdeku'i)];

zgike [zgigi'e] music

x1 is music performed/ produced by **x2** (event)

[**x2** event may be person playing instrument, singing, musical source operating/ vibrating, etc.; instrument (= *zgica'a*); play an instrument (= *zgica'apli*, *zgiterca'a*, *selzigiau*, *selgizu'e*); song (= *sagzgi*, *selsa'a*); voice, as used musically (= *zgivo'a*); composed music (= *finzgi*)];

zi [ZI] short time

time tense distance: instantaneous-to-short distance in time

zi'e [ZlH] rel clause joiner

joins relative clauses which apply to the same sumti

zi'o [KOhA7,zil] nonexistent it

pro-sumti: fills a sumti place, deleting it from selbri place structure; changes selbri semantics

zifre [zif,zi'e] free

x1 is free/at liberty to do/be **x2** (event/state) under conditions **x3** [also unrestricted, unfettered, unconstrained; (adjective:) independent; (adverb:) willingly, voluntarily, freely, may, optionally; (potential:) **x1** voluntarily does **x2**];

zinki [zin,zi'i] zinc

x1 is a quantity of/contains/is made of zinc (Zn); [metaphor: hard metal]

zirpu [zir,zi'u] purple

x1 is purple/violet [color adjective]

zivle [ziv,vle] invest

x1 (agent) invests resources **x2** in investment **x3** expecting return/profit **x4** (object(s)/ event) [also ties up/[risks/gambles]; **x1** is an investor; **x2** are invested assets of **x1**; bond (= *jertervle*)];

zmadu [zma,mau] more

x1 exceeds/is more than **x2** in property/quantity **x3** (ka/ni) by amount/excess **x4** [also positive (= *nonmau*)];

zmiku [zmi] automatic

x1 is automatic in function **x2** under conditions **x3**

zo [ZO] 1-word quote

quote next word only; quotes a single Lojban word (not a cmavo compound or tanru)

zo'a [FAhA4,zon,zo'a] tangential to

location tense relation/direction; tangential to/passing by ...

zo'e [KOhA7] unspecif it

pro-sumti: an elliptical/ unspecified value; has some value which makes *bridi* true

zo'i [FAhA4,zor,zo'i] inward

location tense relation/direction;
nearer than .../inward/approaching
from ...

zo'o [UI5] humorously
attitudinal modifier: humorously –
dully – seriously

zo'obu [BY*] smiley face
letteral: humor symbol, :-) and its
related forms expressing humor
(letteral)

zo'ocu'i [UI*5] dully
attitudinal modifier: humorously –
dully – seriously

***zo'oi** [ZOhoI] one-word non-
Lojban quote
quote next non-Lojban word only;
quotes a single non-Lojban word
delimited by pauses (in speech) or
whitespace (in writing)

zo'onai [UI*5] seriously
attitudinal modifier: humorously –
dully – seriously

zo'u [ZOhU] end prenex
marks end of logical prenex
quantifiers/topic identification and
start of sentence *bridi*

zoi [ZOI] non-Lojban quote
delimited non-Lojban quotation;
the result treated as a block of text

zu [ZI] long time

time tense distance: long distance
in time

zu'a [FAhA2] on the left of
location tense relation/ direction;
leftwards/to the left of ...

zu'e [BAI] with actor
zukte modal, 1st place (purposed
agent)
with goal-seeking actor ...

zu'i [KOhA7] typical it
pro-sumti: the typical sumti value
for this place in this relationship;
affects truth value

zu'o [NU1,zum] activity abstract
abstractor: activity (event)
abstractor; x1 is abstract activity of
[bridi] composed of x2

zu'u [UI3] on the one hand
discursive: on the one hand – on
the other hand

zu'unai [UI*3] on the other hand
discursive: on the one hand – on
the other hand

zukte [zuk,zu'e] act
x1 is a volitional entity employing
means/taking action x2 for
purpose/goal x3/to end x3
[also acting at, undertaking, doing;
agentive cause with
volition/purpose; also x3 objective,
end];

zumri [zmu] maize

x1 is a quantity of maize/corn
[grain] of species/strain x2

zungi [zug] guilt

x1 feels guilt/remorse about x2
(abstraction)

zunle [zul] left

x1 is to the left/left-hand side of x2
which faces/in-frame-of-reference
x3
[also x3 is the standard of
orientation for x2];

zunti [zun,zu'i] interfere ('hinder')

x1 (evt./state) interferes
with/hinders/disrupts x2

(evt./state/process) due to quality
x3 (ka)

[also blocks, obstructs, baffles; not
necessarily forcing cessation]

zutse [zut,tse] sit

x1 sits [assumes sitting position] on
surface x2

zvati [zva] at

x1 (object/event) is at/
attending/present at x2
(event/location)
[refers to a nonce location for an
object/activity that is mobile];

zy [BY2] z

letteral for z

Rafsi List

The first word is the rafsi, the second is the gismu/cmavo it represents, and the third (in parentheses) is the rough English meaning of the gismu.

*rafsi-gismu (English)

ba'a– barna (mark)
ba'e– balre (blade)
ba'i– banli (great)
ba'o– banro (grow)
ba'u– bacru (utter)
bab– zbabu (soap)
bac– bancu (beyond)
bad– bandu (defend)
baf– bakfu (bundle)
bag– bargu (arch)
bai– bapli (force)
baj– bajra (run)
bak– bakni (bovine)
bal– banli (great)
bam– jbama (bomb)
ban– bangu (language)
bap– bapli (force)
bar– bartu (out)
bas– basti (replace)
bat– batci (bite)
bau– bangu (language)
bav– balvi (future)
bax– banxa (bank)
baz– banzu (suffice)
be'a– bersa (son)
be'e– bende (crew)
be'i– benji (transfer)
be'o– bemro (North American)
be'u– betfu (abdomen)
beb– bebna (foolish)
bed– bende (crew)

bef– betfu (abdomen)
beg– bengo (Bengali)
bei– bevri (carry)
bej– benji (transfer)
bem– bemro (North American)
ben– besna (brain)
ber– berti (north)
bes– bersa (son)
bet– betri (tragedy)
bev– bevri (carry)
bi'a– bilma (ill)
bi'e– brife (breeze)
bi'i– jbini (between)
bi'o– binxo (become)
bi'u– bitmu (wall)
bic– bifce (bee)
bid– bindo (Indonesian)
bif– brife (breeze)
big– bilga (obliged)
bij– briju (office)
bik– bikla (whip)
bil– bilni (military)
bim– bitmu (wall)
bin– jbini (between)
bir– birka (arm)
bis– bisli (ice)
bit– birti (certain)
biv– bi (8)
bix– binxo (become)
biz– bi'i (unordered interval)
bla– blanu (blue)
ble– ruble (weak)

bli– bliku (block)
blo– bloti (boat)
blu– ciblu (blood)
bo'a– boxna (wave)
bo'e– brode (predicate var 2)
bo'i– botpi (bottle)
bo'o– boxfo (sheet)
bo'u– bongu (bone)
bof– boxfo (sheet)
bog– bongu (bone)
boi– bolci (ball)
bol– bolci (ball)
bon– boxna (wave)
bor– bo (short scope link)
bot– botpi (bottle)
bra– barda (big)
bre– bredi (ready)
bri– bridi (predicate)
bro– xebro (Hebrew)
bru– burcu (brush)
bu'a– bruna (brother)
bu'e– bunre (brown)
bu'i– bu (word to lerfu)
bu'o– budjo (Buddhist)
bu'u– bukpu (cloth)
bud– bunda (pound)
buj– budjo (Buddhist)
buk– bukpu (cloth)
bul– bu'a (some selbri 1)
bum– bumru (fog)
bun– bruna (brother)
bur– bunre (brown)
bus– bu (word to lerfu)
ca'a– cabra (apparatus)
ca'e– catke (shove)
ca'i– catni (authority)
ca'o– canku (window)
ca'u– canlu (space)

cab– cabna (now)
cac– tcaci (custom)
cad– cando (idle)
caf– cafne (often)
cag– cange (farm)
cai– carmi (intense)
caj– canja (exchange)
cak– calku (shell)
cal– canlu (space)
cam– carmi (intense)
can– canre (sand)
cap– ckape (peril)
car– carna (turn)
cas– ckasu (ridicule)
cat– cartu (chart)
cau– claxu (without)
cav– carvi (rain)
cax– caxno (shallow)
caz– ca'a (actually is)
ce'a– cecla (launcher)
ce'i– cteki (tax)
ce'o– ce'o (in a sequence with)
ce'u– cecmu (community)
cec– ce (in a set with)
ced– cerda (heir)
cei– cevni (god)
cek– creka (shirt)
cel– cecla (launcher)
cem– cecmu (community)
cen– centi (.01)
cer– cerni (morning)
ces– censa (holy)
cev– cevni (god)
cez– ce'i (percent)
cfa– cfari (initiate)
cfi– cfila (flaw)
cfu– ricfu (rich)
ci'a– ciska (write)

ci'e– ciste (system)
ci'i– cinri (interesting)
ci'o– citno (young)
ci'u– ckilu (scale)
cib– ci (3)
cic– cilce (wild)
cid– cidni (knee)
cif– cifnu (infant)
cig– cigla (gland)
cij– cinje (wrinkle)
cik– cikna (awake)
cil– cilta (thread)
cim– cilmo (moist)
cin– cinse (sexual)
cip– cipra (test)
cir– citri (history)
cis– crisa (summer)
cit– citno (young)
civ– civla (louse)
ciz– cizra (strange)
cka– ckana (bed)
cke– ckeji (ashamed)
cki– ciksi (explain)
cko– cokcu (soak up)
cku– cukta (book)
cla– clani (long)
cli– cilre (learn)
clu– culno (full)
cma– cmalu (small)
cme– cmene (name)
cmi– cmima (member)
cmo– cmoni (moan)
cmu– jicmu (basis)
cna– canpa (shovel)
cne– cenba (vary)
cni– cinmo (emotion)
cno– condi (deep)
cnu– macnu (manual)

co'a– co'a (initiative)
co'e– co'e (unspecif bridi)
co'i– cmoni (moan)
co'u– co'u (cessative)
coi– condi (deep)
col– co (tanru inversion)
com– co'e (unspecif bridi)
con– condi (deep)
cor– cortu (pain)
cpa– cpacu (get)
cpe– cpedu (request)
cpu– cipni (bird)
cpu– lacpu (pull)
cra– crane (front)
cre– certu (expert)
cri– cirko (lose)
cro– cortu (pain)
cru– curmi (let)
cta– catlu (look)
cte– nicte (night)
cti– citka (eat)
cto– xecto (100)
ctu– ctuca (teach)
cu'a– cuxna (choose)
cu'e– ckule (school)
cu'i– cumki (possible)
cu'o– cunso (random)
cu'u– cuntu (affair)
cuc– cutci (shoe)
cuk– cukla (round)
cul– cumla (humble)
cum– cumki (possible)
cun– cunso (random)
cup– clupa (loop)
cur– curnu (worm)
cus– cusku (express)
cut– cutne (chest)
cuv– curve (pure)

cux– cuxna (choose)
da'a– damba (fight)
da'e– danre (pressure)
da'i– darxi (hit)
da'o– darno (far)
da'u– danlu (animal)
dab– damba (fight)
dac– dacru (drawer)
dad– dandu (hang)
daf– danfu (answer)
dag– dargu (road)
dai– dacti (object)
daj– dadjo (Taoist)
dak– dakfu (knife)
dal– danlu (animal)
dam– danmo (smoke)
dan– danti (projectile)
dap– dapma (curse)
dar– darno (far)
das– dasni (wear)
dat– drata (other)
dau– darlu (argue)
dav– da (something 1)
dax– darxi (hit)
daz– da'a (all except)
de'a– denpa (wait)
de'i– denci (tooth)
de'o– delno (candela)
de'u– dertu (dirt)
deb– dembi (bean)
dec– decti (.1)
deg– degji (finger)
dei– djedi (full day)
dej– dejni (owe)
dek– dekto (10)
del– delno (candela)
dem– denmi (dense)
den– denci (tooth)

dep– denpa (wait)
der– dertu (dirt)
des– desku (shake)
det– detri (date)
di'a– jdima (price)
di'e– dirce (radiate)
di'i– jdini (money)
di'o– dinko (nail)
di'u– dinju (building)
dib– dirba (dear)
dic– dikca (electric)
dig– dirgo (drop)
dij– dinju (building)
dik– dikni (regular)
dil– dilnu (cloud)
dim– dimna (fate)
din– jdini (money)
dir– dicra (interrupt)
diz– dizlo (low)
dja– cidja (food)
dje– djedi (full day)
dji– djica (desire)
djo– sadjo (Saudi)
dju– sidju (help)
do'i– donri (daytime)
do'o– dotco (German)
doi– do (you)
don– do (you)
dor– donri (daytime)
dot– dotco (German)
dra– drani (correct)
dre– derxi (heap)
dri– badri (sad)
dro– cidro (hydrogen)
dru– drudi (roof)
du'a– dunda (give)
du'e– dukse (excess)
du'i– dunli (equal)

du'o– du (same identity as)
du'u– dunku (anguish)
dub– du (same identity as)
dud– dunda (give)
dug– dugri (logarithm)
duj– dunja (freeze)
duk– dunku (anguish)
dul– jduli (jelly)
dum– du'u (bridi abstract)
dun– dunli (equal)
dur– dunra (winter)
dus– dukse (excess)
dut– dukti (opposite)
dza– da (something 1)
dze– dzena (elder)
dzi– dizlo (low)
dzu– cadzu (walk)
fa'a– farna (direction)
fa'e– fatne (reverse)
fa'i– facki (discover)
fa'o– fanmo (end)
fa'u– farlu (fall)
fac– fatci (fact)
fad– fadni (ordinary)
fag– fagri (fire)
fai– fatri (distribute)
fak– facki (discover)
fal– farlu (fall)
fam– fanmo (end)
fan– falnu (sail)
fap– fapro (oppose)
far– farna (direction)
fas– fraso (French)
fat– fatne (reverse)
fau– fasnu (event)
fav– farvi (develop)
fax– fraxu (forgive)
faz– fanza (annoy)

fe'a– fenra (crack)
fe'i– fetsi (female)
fe'o– fenso (sew)
fe'u– fengu (angry)
feb– febvi (boil)
fed– fendi (divide)
feg– fengu (angry)
fei– fepni (cent)
fek– fenki (crazy)
fem– femti (1E-15)
fen– fenso (sew)
fep– fepni (cent)
fer– fenra (crack)
fes– festi (waste)
fet– fetsi (female)
fi'a– cfika (fiction)
fi'e– finpe (fish)
fi'i– finti (invent)
fi'o– friko (African)
fi'u– cfipu (confusing)
fic– frica (differ)
fig– figre (fig)
fik– cfika (fiction)
fil– frili (easy)
fin– finti (invent)
fip– finpe (fish)
fir– flira (face)
fis– filso (Palestinian)
fit– friti (offer)
fla– flalu (law)
fle– flecu (flow)
fli– fliba (fail)
flo– foldi (field)
flu– fulta (float)
fo'a– fo'a (it-6)
fo'e– fo'e (it-7)
fo'i– fo'i (it-8)
fo'o– fonmo (foam)

foi– foldi (field)
fom– fonmo (foam)
fon– fonxa (telephone)
fra– frati (react)
fre– ferti (fertile)
fri– lifri (experience)
fro– forca (fork)
fru– frumu (frown)
fu'a– funca (luck)
fu'e– fuzme (responsible)
fu'i– fukpi (copy)
fuk– fukpi (copy)
ful– fulta (float)
fun– funca (luck)
fur– fusra (rotten)
fuz– fuzme (responsible)
ga'a– grana (rod)
ga'e– ganse (sense)
ga'i– galfi (modify)
ga'o– ganlo (closed)
ga'u– galtu (high)
gac– gapci (gas)
gad– gadri (article)
gaf– galfi (modify)
gai– gacri (cover)
gal– galtu (high)
gan– ganra (broad)
gap– gapru (above)
gar– garna (rail)
gas– ganse (sense)
gat– gasta (steel)
gau– gasnu (do)
gax– ganxo (anus)
gaz– ganzu (organize)
ge'a– gerna (grammar)
ge'o– gento (Argentinian)
ge'u– gerku (dog)
gei– gleki (happy)

gej– genja (root)
gek– gleki (happy)
gen– gerna (grammar)
ger– gerku (dog)
get– gento (Argentinian)
gex– genxu (hook)
gi'a– gidva (guide)
gi'e– zgike (music)
gi'o– gigdo (1E9)
gi'u– gismu (root word)
gic– glico (English)
gid– gidva (guide)
gig– gigdo (1E9)
gik– ginka (camp)
gim– gismu (root word)
gin– jgina (gene)
gir– girzu (group)
git– jgita (guitar)
gla– glare (hot)
gle– gletu (copulate)
gli– glico (English)
glu– gluta (glove)
goc– gocti (1E-24)
got– gotro (1E24)
gra– grake (gram)
gre– pagre (pass through)
gri– girzu (group)
gru– gurni (grain)
gu'a– gunka (work)
gu'e– gugde (country)
gu'i– gusni (illumine)
gu'o– gunro (roll)
gub– gubni (public)
guc– gutci (cubit)
gud– gundi (industry)
gug– gugde (country)
guk– guska (scrape)
gum– gunma (jointly)

gun– gunka (work)
gur– gunro (roll)
gus– gusni (illumine)
gut– gunta (attack)
guz– guzme (melon)
ja'a– jatna (captain)
ja'e– jalge (result)
ja'i– jadni (adorn)
ja'o– jarco (show)
ja'u– jgalu (claw)
jab– janbe (bell)
jac– djacu (water)
jad– jadni (adorn)
jaf– jamfu (foot)
jag– jalge (result)
jai– jgari (grasp)
jaj– jmaji (gather)
jak– jarki (narrow)
jal– janli (collide)
jam– jamna (war)
jan– janco (shoulder)
jap– jaspu (passport)
jar– jdari (firm)
jas– jansu (diplomat)
jat– janta (account)
jau– djacu (water)
jav– ja (tanru or)
jba– jbari (berry)
jbe– jbena (born)
jbi– jibni (near)
jbo– lojbo (Lojbanic)
jbu– jubme (table)
jda– lijda (religion)
jde– kajde (warn)
jd– jdice (decide)
jdu– jduli (jelly)
je'a– jecta (polity)
je'e– jetce (jet)

je'i– jersi (chase)
je'o– jegvo (Jehovist)
je'u– jetnu (true)
jec– jecta (polity)
jed– jendu (axle)
jef– jeftu (week)
jeg– jegvo (Jehovist)
jei– jenmi (army)
jel– jelca (burn)
jem– jenmi (army)
jen– jenca (shock)
jer– jbera (borrow)
jes– jesni (needle)
jet– jetnu (true)
jev– je (tanru and)
jex– jerxo (Algerian)
jez– jei (truth abstract)
jga– jganu (angle)
jge– jgena (knot)
jgi– jgira (pride)
ji'a– jinga (win)
ji'e– jmive (live)
ji'i– jinvi (opine)
ji'o– jipno (tip)
ji'u– jvinu (view)
jib– jibri (job)
jic– jimca (branch)
jif– jitfa (false)
jig– jinga (win)
jij– jijnu (intuit)
jik– jikca (socialize)
jil– jilka (alkali)
jim– jinme (metal)
jin– djine (ring)
jip– jipno (tip)
jir– jinru (immerse)
jis– jinsa (clean)
jit– jimte (limit)

jiv– jinvi (opine)
jiz– jinzi (innate)
jma– jamfu (foot)
jme– jemna (gem)
jmi– jimpe (understand)
jo'e– jorne (joined)
jo'o– jordo (Jordanian)
jo'u– jo'u (in common with)
joi– joi (in a mass with)
jol– joi (in a mass with)
jom– jo'e (union)
jon– jorne (joined)
jor– jordo (Jordanian)
jov– jo (tanru iff)
ju'a– jufra (sentence)
ju'e– julne (net)
ju'i– jundi (attentive)
ju'o– djuno (know)
jub– jubme (table)
jud– jundi (attentive)
juf– jufra (sentence)
jug– jungo (Chinese)
juk– jukni (spider)
jul– junla (clock)
jum– jurme (germ)
jun– djuno (know)
jup– jukpa (cook)
jur– junri (serious)
jus– jursa (severe)
jut– jutsi (species)
juv– ju (tanru whether)
jux– juxre (clumsy)
jva– javni (rule)
jve– je (tanru and)
jvi– jivna (compete)
jvo– lujvo (affix compound)
ka'a– katna (cut)
ka'e– kakne (able)

ka'i– krati (represent)
ka'o– kanro (healthy)
ka'u– kantu (quantum)
kab– karbi (compare)
kac– kancu (count)
kad– kandi (dim)
kaf– ckafi (coffee)
kag– kagni (company)
kai– ckaji (quality)
kaj– kanji (calculate)
kak– klaku (weep)
kal– kanla (eye)
kam– ka (property abstract)
kan– kansa (with)
kap– skapi (pelt)
kar– kalri (open)
kas– kalsa (chaotic)
kat– kalte (hunt)
kau– kampu (common)
kav– kavbu (capture)
kax– kanxe (conjunction)
ke'a– kevna (cavity)
ke'e– ke'e (end grouping)
ke'i– kecti (pity)
ke'o– kelvo (kelvin)
ke'u– krefu (recur)
kec– kecti (pity)
kei– kelci (play)
kej– ckeji (ashamed)
kel– kelci (play)
kem– ke (start grouping)
ken– kenra (cancer)
kep– ke'e (end grouping)
ker– kerlo (ear)
kes– kensa (outer space)
ket– ketco (South American)
kev– kevna (cavity)
kez– kei (end abstraction)

ki'a– krixu (cry out)
ki'e– kicne (cushion)
ki'i– ckini (related)
ki'o– kilto (1000)
ki'u– krinu (reason)
kic– kicne (cushion)
kij– kijno (oxygen)
kik– ckiku (key)
kil– kinli (sharp)
kin– skina (cinema)
kir– ckire (grateful)
kis– kisto (Pakistani)
kit– kliti (clay)
kix– krixu (cry out)
kla– klama (come)
kle– klesi (class)
kli– klina (clear)
klo– diklo (local)
klu– kulnu (culture)
ko'a– kojna (corner)
ko'e– kolme (coal)
ko'i– kobli (cabbage)
ko'o– skoto (Scottish)
ko'u– konju (cone)
kob– kobli (cabbage)
koi– korbi (edge)
koj– kojna (corner)
kok– korka (cork)
kol– kolme (coal)
kom– komcu (comb)
kon– konju (cone)
kor– korbi (edge)
kos– kosta (coat)
kot– skoto (Scottish)
kra– krasi (source)
kre– kerfa (hair)
kri– krici (believe)
kro– korcu (bent)

kru– kruvi (curve)
ku'a– kumfa (room)
ku'e– kuspe (range)
ku'i– kurji (take care of)
ku'o– skuro (groove)
ku'u– ckunu (conifer)
kub– kubli (cube)
kuc– kruca (intersect)
kuf– kufra (comfort)
kuj– kurji (take care of)
kuk– kukte (delicious)
kul– ckule (school)
kum– kumfa (room)
kun– kunra (mineral)
kup– kuspe (range)
kur– kurfa (square)
kus– kusru (cruel)
kut– kunti (empty)
kuz– ku'a (intersection)
la'a– lasna (fasten)
la'e– lakne (probable)
la'i– lamji (adjacent)
la'o– latmo (Latin)
la'u– lalxu (lake)
lab– blabi (white)
lac– lacri (rely)
lad– ladru (milk)
laf– lafti (lift)
lag– vlagi (vulva)
lai– klani (quantity)
laj– klaji (street)
lak– lakse (wax)
lal– lanli (analyze)
lam– lamji (adjacent)
lan– lanme (sheep)
lap– lacpu (pull)
lar– larcu (art)
las– slasi (plastic)

lat– mlatu (cat)
lau– cladu (loud)
lax– lanxe (balance)
laz– lanzu (family)
le'a– lebna (take)
le'i– pleji (pay)
le'o– lenjo (lens)
le'u– lerfu (letteral)
leb– lebna (take)
lec– lerci (late)
led– mledi (mold)
lei– klesi (class)
lej– pleji (pay)
lek– lenku (cold)
lem– le'e (the stereotypical)
len– lenjo (lens)
ler– lerfu (letteral)
let– gletu (copulate)
li'a– cliva (leave)
li'e– lidne (precede)
li'i– linji (line)
li'o– linto (lightweight)
li'u– litru (travel)
lib– libjo (Libyan)
lic– litce (liter)
lid– lindi (lightning)
lif– lifri (experience)
lig– sligu (solid)
lij– linji (line)
lik– litki (liquid)
lil– livla (fuel)
lim– limna (swim)
lin– linsi (chain)
lir– clira (early)
lis– lisri (story)
lit– clite (polite)
liv– cliva (leave)
lix– plixa (plow)

liz– li'i (experience abstract)
lo'i– bloti (boat)
lo'o– slovo (Slavic)
lo'u– lorxu (fox)
lob– lojbo (Lojbanic)
loi– loldi (floor)
loj– logji (logic)
lol– loldi (floor)
lom– lo'e (the typical)
lor– lorxu (fox)
lot– bloti (boat)
lov– slovo (Slavic)
lu'a– pluta (route)
lu'e– klupe (screw)
lu'i– lumci (wash)
lu'o– lubno (Lebanese)
lub– lunbe (bare)
luj– pluja (complicated)
lum– lumci (wash)
lun– mluni (satellite)
lup– klupe (screw)
lur– lunra (lunar)
lus– lunsu (condense)
lut– pluta (route)
luv– lujvo (affix compound)
luz– kluza (loose)
ma'a– cmana (mountain)
ma'e– marce (vehicle)
ma'i– masti (month)
ma'o– cmavo (structure word)
ma'u– makcu (mature)
mab– mabru (mammal)
mac– manci (wonder)
mad– marde (morals)
maf– makfa (magic)
mag– margu (mercury)
mai– marji (material)
maj– marji (material)

mak– maksı (magnet)
mal– mabla (derogative)
mam– mamta (mother)
man– manku (dark)
map– mapku (cap)
mar– manri (reference)
mas– malsı (temple)
mat– maptı (fit)
mau– zmadu (more)
mav– mavji (oats)
max– marxa (mash)
me'a– mleca (less)
me'e– cmene (name)
me'i– mensı (sister)
me'o– mekso (MEX)
me'u– mentu (minute)
meb– mebri (brow)
mec– mleca (less)
meg– megdo (1E6)
mei– mei (cardinal selbri)
mej– meljo (Malaysian)
mek– mekso (MEX)
mel– melbi (beautiful)
mem– mei (cardinal selbri)
men– menli (mind)
mer– merko (American)
mes– mensı (sister)
met– mentu (minute)
mex– mexno (Mexican)
mi'a– cmıla (laugh)
mi'e– minde (command)
mi'i– minji (machine)
mi'o– misno (famous)
mi'u– mintu (same)
mib– mi (me)
mic– mikce (doctor)
mid– minde (command)
mif– mifra (code)

mij– midju (middle)
mik– mikri (1E-6)
mil– miltı (.001)
mim– cmıma (member)
min– jmına (add)
mip– mipri (secret)
mir– minra (reflect)
mis– misno (famous)
mit– mintu (same)
miv– jmıve (live)
mix– mixre (mixture)
mla– mlana (side)
mle– melbi (beautiful)
mli– milxe (mild)
mlo– molki (mill)
mlu– simlu (seem)
mo'a– morna (pattern)
mo'i– morji (remember)
mo'o– molro (mole)
mo'u– moklu (mouth)
mob– mo'a (too few)
moc– mokca (point)
moi– moi (ordinal selbri)
moj– morji (remember)
mol– moklu (mouth)
mom– moi (ordinal selbri)
mon– morna (pattern)
mor– morko (Moroccan)
mos– mosra (friction)
mov– mo'i (space motion)
mra– marbi (shelter)
mre– merli (measure)
mri– mrılu (mail)
mro– morsı (dead)
mru– mruli (hammer)
mu'a– murta (curtain)
mu'e– munje (universe)
mu'i– mukti (motive)

mu'o– mulno (complete)
mu'u– muvdu (move)
muc– smuci (spoon)
mud– mudri (wood)
muf– mu'e (point-event abstract)
muj– munje (universe)
muk– mukti (motive)
mul– mulno (complete)
mum– mu (5)
mun– smuni (meaning)
mup– mupli (example)
mur– murta (curtain)
mus– muslo (Islamic)
mut– mucti (immaterial)
muv– muvdu (move)
muz– muzga (museum)
na'a– nanca (year)
na'e– natfe (deny)
na'i– nalci (wing)
na'o– cnano (norm)
na'u– namcu (number)
nab– nanba (bread)
nac– namcu (number)
nad– nandu (difficult)
naf– natfe (deny)
nag– narge (nut)
nai– natmi (nation)
naj– narju (orange)
nak– nakni (male)
nal– na'e (scalar contrary)
nam– nabmi (problem)
nan– snanu (south)
nar– na (bridi negator)
nat– natmi (nation)
nau– nanmu (man)
nav– nanvi (1E-9)
nax– naxle (canal)
naz– nazbi (nose)

ne'i– nenri (in)
ne'o– cnebo (neck)
ne'u– cnemu (reward)
neb– cnebo (neck)
nei– nelci (fond)
nel– nelci (fond)
nem– cnemu (reward)
nen– nejni (energy)
ner– nenri (in)
ni'a– cnita (beneath)
ni'e– nilce (furniture)
ni'i– nibli (necessitate)
ni'o– cnino (new)
ni'u– ninmu (woman)
nib– nibli (necessitate)
nic– cnici (orderly)
nid– snidu (second)
nik– nikle (nickel)
nil– ni (amount abstract)
nim– ninmu (woman)
nin– cnino (new)
nip– snipa (sticky)
nir– nirna (nerve)
nis– cnisa (lead)
nit– cnita (beneath)
niv– nivji (knit)
nix– nixli (girl)
no'e– no'e (scalar midpoint not)
no'i– nobli (noble)
noi– notci (message)
no'l– nobli (noble)
non– no (0)
nor– no'e (scalar midpoint not)
not– notci (message)
nu'a– snura (secure)
nu'e– nupre (promise)
nu'i– nutli (neutral)
nu'o– nu'o (can but has not)

nuj– snuji (sandwich)
nuk– nukni (magenta)
nul– nutli (neutral)
num– nurma (rural)
nun– nu (event abstract)
nup– nupre (promise)
nur– snura (secure)
nut– snuti (accidental)
nuz– nuzba (news)
pa'a– pacna (hope)
pa'e– prane (perfect)
pa'i– prami (love)
pa'o– panlo (slice)
pa'u– patfu (father)
pab– parbi (ratio)
pac– palci (evil)
pad– pandi (punctuate)
paf– patfu (father)
pag– pagbu (part)
pai– pajni (judge)
paj– spaji (surprise)
pak– palku (pants)
pal– prali (profit)
pam– prami (love)
pan– panci (odor)
pap– panpi (peace)
par– cpare (climb)
pas– pastu (robe)
pat– pante (protest)
pau– pagbu (part)
pav– pa (1)
pax– patxu (pot)
paz– panzi (offspring)
pe'a– preja (spread)
pe'i– penmi (meet)
pe'o– pendo (friend)
pe'u– pencu (touch)
peb– penbi (pen)

pec– pencu (touch)
ped– pendo (friend)
pei– pensi (think)
pej– preja (spread)
pel– pelxu (yellow)
pem– pemci (poem)
pen– penmi (meet)
per– perli (pear)
pes– pensi (think)
pet– petso (1E15)
pev– pe'a (figurative)
pex– pesxu (paste)
pez– pezli (leaf)
pi'a– pilka (crust)
pi'e– plipe (leap)
pi'i– pilji (multiply)
pi'o– pipno (piano)
pi'u– pimlu (feather)
pib– plibu (pubic)
pic– picti (1E-12)
pid– pindi (poor)
pif– pinfu (prisoner)
pij– prije (wise)
pik– pinka (comment)
pil– pilka (crust)
pim– pimlu (feather)
pin– pinta (level)
pip– plipe (leap)
pir– pixra (picture)
pis– pinsi (pencil)
pit– plita (plane)
piv– pi'u (cross product)
pix– pinxe (drink)
piz– pi (decimal point)
pla– platu (plan)
ple– pelji (paper)
pli– pilno (use)
plo– polje (fold)

plu– daplu (island)
po'a– spoja (explode)
po'e– ponse (possess)
po'i– porpi (break)
po'o– ponjo (Japanese)
po'u– spofu (broken)
pof– spofu (broken)
poi– porsi (sequence)
poj– spoja (explode)
pol– polno (Polynesian)
pon– ponjo (Japanese)
pop– porpi (break)
por– porsi (sequence)
pos– ponse (possess)
pot– porto (Portuguese)
pra– cupra (produce)
pre– prenu (person)
pri– prina (print)
pro– fapro (oppose)
pru– purci (past)
pu'a– pluka (pleasant)
pu'e– pulce (dust)
pu'i– punji (put)
pu'o– purmo (powder)
pu'u– sputu (spit)
puc– pulce (dust)
pud– purdi (garden)
puj– punji (put)
puk– pluka (pleasant)
pul– punli (swelling)
pum– purmo (powder)
pun– pruni (elastic)
pur– purci (past)
pus– pu'i (can and has)
put– sputu (spit)
puv– pu'u (process abstract)
ra'a– srana (pertain)
ra'e– ralte (retain)

ra'i– ranji (continue)
ra'o– radno (radian)
ra'u– raktu (trouble)
rab– xrabo (Arabic)
rac– ralci (delicate)
rad– randa (yield)
raf– rafsi (affix)
rag– rango (organ)
rai– traji (superlative)
raj– sraji (vertical)
rak– sraku (scratch)
ral– ralju (principal)
ram– ranmi (myth)
ran– ranti (soft)
rap– rapli (repeat)
rar– rarna (natural)
ras– grasu (grease)
rat– ratni (atom)
rau– gradu (unit)
rav– ragve (across)
rax– ranxi (irony)
raz– brazo (Brazilian)
re'a– remna (human)
re'e– trene (train)
re'i– renvi (survive)
re'o– renro (throw)
re'u– rectu (meat)
reb– rebla (tail)
rec– rectu (meat)
red– bredi (ready)
ref– krefu (recur)
rei– preti (question)
rej– vreji (record)
rek– greku (frame)
rel– re (2)
rem– remna (human)
ren– trene (train)
rep– crepu (harvest)

rer– renro (throw)
res– respa (reptile)
ret– preti (question)
rev– renvi (survive)
ri'a– rinka (cause)
ri'e– rirxe (river)
ri'i– ritli (rite)
ri'o– crino (green)
ri'u– rinju (restrain)
rib– cribe (bear)
ric– tricu (tree)
rid– crida (fairy)
rif– ricfu (rich)
rig– rigni (disgusting)
rij– rijno (silver)
rik– rinka (cause)
ril– rilti (rhythm)
rim– rimni (rhyme)
rin– krinu (reason)
rip– cripu (bridge)
rir– rirni (parent)
ris– rismi (rice)
rit– brito (British)
riv– rivbi (avoid)
rix– trixe (behind)
ro'a– prosa (prose)
ro'i– rokci (rock)
ro'o– ropno (European)
ro'u– rotsu (thick)
rod– broda (predicate var 1)
rog– romge (chrome)
roi– roi (quantified tense)
rok– rokci (rock)
rol– ro (each)
rom– roi (quantified tense)
ron– ropno (European)
ror– rorci (procreate)
ros– prosa (prose)

rot– rotsu (thick)
roz– rozgu (rose)
ru'a– sruma (assume)
ru'e– pruce (process)
ru'i– pruxi (spirit)
ru'o– rusko (Russian)
ru'u– rupnu (dollar)
rub– ruble (weak)
ruc– pruce (process)
rud– drudi (roof)
ruf– rufsu (rough)
ruj– kruji (cream)
ruk– rusko (Russian)
rul– xrula (flower)
rum– runme (melt)
run– rutni (artifact)
rup– rupnu (dollar)
rur– sruri (surround)
rus– grusi (gray)
rut– grute (fruit)
ruv– kruvi (curve)
rux– pruxi (spirit)
sa'a– sanga (sing)
sa'e– satire (stroke)
sa'i– sanli (stand)
sa'o– salpo (slope)
sa'u– sarcu (necessary)
sab– sabji (provide)
sac– stace (honest)
sad– snada (succeed)
sag– sanga (sing)
sai– sanmi (meal)
saj– sanji (conscious)
sak– sakci (suck)
sal– sakli (slide)
sam– skami (computer)
san– spano (Spanish)
sap– sampu (simple)

sar– slari (sour)
sas– srasu (grass)
sat– sakta (sugar)
sau– slabu (familiar)
sav– savru (noise)
sax– sarxe (harmonious)
saz– sazri (operate)
se'a– setca (insert)
se'i– sevzi (self)
se'u– selfu (serve)
seb– steba (frustration)
sec– senci (sneeze)
sed– stedu (head)
sef– selfu (serve)
sei– sepli (apart)
sel– se (2nd conversion)
sen– senpi (doubt)
sep– sepli (apart)
ser– serti (stairs)
set– senta (layer)
sev– senva (dream)
sez– sevzi (self)
sfa– sfaša (punish)
sfe– sefta (surface)
sfo– sfofa (sofa)
sfu– sufti (hoof)
si'a– sinma (esteem)
si'e– snime (snow)
si'i– sicni (coin)
si'o– sidbo (idea)
si'u– simxu (mutual)
sib– sidbo (idea)
sic– stici (west)
sid– stidi (suggest)
sig– sigja (cigar)
sij– skiji (ski)
sik– silka (silk)
sil– siclu (whistle)

sim– simxu (mutual)
sin– tsina (stage)
sip– sipna (sleep)
sir– sirji (straight)
sis– sisku (seek)
sit– sitna (cite)
siv– sivni (private)
six– sirxo (Syrian)
siz– si'o (concept abstract)
ska– skari (color)
ske– sasje (science)
ski– skicu (describe)
sko– skori (cord)
sku– cusku (express)
sla– salci (celebrate)
sle– selci (cell)
sli– slilu (oscillate)
slo– solji (gold)
slu– sluji (muscle)
sma– smaji (quiet)
sme– semto (Semitic)
smi– simsa (similar)
smo– smoka (sock)
smu– smuni (meaning)
sna– sance (sound)
sne– senva (dream)
sni– sinxa (sign)
sno– masno (slow)
snu– casnu (discuss)
so'a– sovda (egg)
so'e– sobde (soya)
so'i– so'i (many)
so'o– sombo (sow)
sob– sobde (soya)
soc– sorcu (store)
sod– sodva (soda)
sof– softo (Soviet)
sog– sorgu (sorghum)

soi– sonci (soldier)
soj– so'a (almost all)
sol– solri (solar)
som– sombo (sow)
son– sonci (soldier)
sop– so'e (most)
sor– so'i (many)
sos– so'o (several)
sot– so'u (few)
sov– sovda (egg)
soz– so (9)
spa– spati (plant)
spe– speni (married)
spi– spisa (piece)
spo– daspo (destroy)
spu– spuda (reply)
sra– sarji (support)
sre– srera (err)
sri– dasri (ribbon)
sro– sorcu (store)
sru– sruri (surround)
sta– stali (remain)
ste– liste (list)
sti– sisti (cease)
sto– stodi (constant)
stu– stuzi (site)
su'a– stura (structure)
su'e– su'e (at most)
su'i– sumti (argument)
su'o– su'o (at least)
su'u– sfubu (dive)
sub– sfubu (dive)
suc– sucta (abstract)
sud– sudga (dry)
sug– sunga (garlic)
subj– sumji (sum)
suk– sukxa (sudden)
sul– sunla (wool)

sum– sumti (argument)
sun– stuna (east)
sup– su'e (at most)
sur– surla (relax)
sut– sutra (fast)
suv– su'u (unspecif abstract)
suz– su'o (at least)
ta'a– tavla (talk)
ta'e– tanxe (box)
ta'i– tatpi (tired)
ta'o– tanbo (board)
ta'u– taxfu (garment)
tab– tabno (carbon)
tac– tance (tongue)
tad– tadni (study)
taf– taxfu (garment)
tag– tagji (snug)
tai– tarmi (shape)
taj– tamji (thumb)
tak– staku (ceramic)
tal– talsa (challenge)
tam– tarmi (shape)
tan– tsani (sky)
tap– stapa (step)
tar– tarci (star)
tas– tansi (pan)
tat– tattru (breast)
tau– tanru (phrase compound)
tav– tavla (talk)
tax– tanxe (box)
taz– ta (that there)
tca– tcadu (city)
tce– mutce (much)
tci– tutci (tool)
tco– ketco (South American)
tcu– nitcu (need)
te'a– terpa (fear)
te'i– steci (specific)

te'o– stero (steradian)
te'u– tengu (texture)
teb– ctebi (lip)
tec– steci (specific)
ted– terdi (earth)
tef– tenfa (exponential)
teg– tengu (texture)
tei– temci (time)
tek– cteki (tax)
tel– stela (lock)
tem– temci (time)
ten– tcena (stretch)
tep– terpa (fear)
ter– te (3rd conversion)
tet– tertu (1E12)
ti'a– tcima (weather)
ti'e– trixe (behind)
ti'i– stidi (suggest)
ti'o– ctino (shadow)
ti'u– tixnu (daughter)
tib– tinbe (obey)
tic– tcica (deceive)
tid– tcidu (read)
tif– ti (this here)
tig– tigni (perform)
tij– tilju (heavy)
tik– stika (adjust)
til– tcila (detail)
tim– tcima (weather)
tin– tirna (hear)
tip– tikpa (kick)
tir– tirse (iron)
tis– tisna (fill)
tit– titla (sweet)
tiv– tivni (television)
tix– tixnu (daughter)
tiz– stizu (chair)
to'a– tonga (tone)

to'e– to'e (polar opposite)
to'i– torni (twist)
to'u– tordu (short)
toc– troci (try)
tod– toldi (butterfly)
tog– tonga (tone)
toi– troci (try)
tok– toknu (oven)
tol– to'e (polar opposite)
ton– torni (twist)
tor– tordu (short)
tra– tarti (behave)
tre– mitre (meter)
tri– trina (attract)
tro– jitro (control)
tru– turni (govern)
tsa– tsali (strong)
tse– zutse (sit)
tsi– tsiju (seed)
tsu– rotsu (thick)
tu'a– tumla (land)
tu'e– tuple (leg)
tu'i– tugni (agree)
tu'o– tunlo (swallow)
tu'u– tubnu (tube)
tub– tunba (sibling)
tuf– tu (that yonder)
tug– tugni (agree)
tuj– tujli (tulip)
tuk– tunka (copper)
tul– tunlo (swallow)
tum– tumla (land)
tun– tunta (poke)
tup– tuple (leg)
tur– stura (structure)
tut– tutra (territory)
tuz– stuzi (site)
va'i– vamji (value)

va'u– vasxu (breathe)
vab– vanbi (environment)
vac– vanci (evening)
vai– vajni (important)
vaj– vajni (important)
val– valsi (word)
vam– vamji (value)
van– vanju (wine)
var– vacri (air)
vas– vasru (contain)
vat– vamtu (vomit)
vau– vasru (contain)
vax– vasxu (breathe)
vaz– va (there at)
ve'a– verba (child)
ve'e– ve'e (whole space interval)
ve'u– vecnu (sell)
vef– venfu (revenge)
vei– vreji (record)
vel– ve (4th conversion)
ven– vecnu (sell)
ver– verba (child)
ves– vensa (spring)
vi'a– viska (see)
vi'e– vitke (guest)
vi'i– vikmi (excrete)
vi'o– vitno (permanent)
vi'u– vimcu (remove)
vib– vibna (vagina)
vic– vimcu (remove)
vid– vindu (poison)
vif– vifne (fresh)
vij– vinji (airplane)
vik– viknu (viscous)
vil– vlile (violent)
vim– vikmi (excrete)
vin– jvinu (view)
vip– vipsi (deputy)

vir– vidru (virus)
vis– viska (see)
vit– vitci (irregular)
viz– vi (here at)
vla– valsi (word)
vle– zivle (invest)
vli– vlipa (powerful)
vo'a– voksa (voice)
voi– vofli (flight)
vok– voksa (voice)
vol– vofli (flight)
von– vo (4)
vor– vorme (door)
vra– vraga (lever)
vre– vreta (reclining)
vri– virnu (brave)
vro– vorme (door)
vru– savru (noise)
vu'e– vrude (virtue)
vu'i– vrusi (taste)
vu'o– vukro (Ukrainian)
vud– vrude (virtue)
vur– vukro (Ukrainian)
vus– vrusi (taste)
vuz– vu (yonder at)
xa'a– xatra (letter)
xa'e– xance (hand)
xa'i– xarci (weapon)
xa'o– xampo (ampere)
xa'u– xabju (dwell)
xab– xadba (half)
xac– xarci (weapon)
xad– xadni (body)
xag– xamgu (good)
xai– xrani (injure)
xaj– xarju (pig)
xak– xaksu (use up)
xal– xalka (alcohol)

xam– xajmi (funny)
xan– xance (hand)
xap– xampo (ampere)
xar– xanri (imaginary)
xas– xamsi (sea)
xat– xatsi (1E-18)
xau– xamgu (good)
xav– xa (6)
xaz– xazdo (Asiatic)
xe'a– xedja (jaw)
xe'i– xekri (black)
xe'o– xendo (kind)
xe'u– xenru (regret)
xeb– xebro (Hebrew)
xed– xendo (kind)
xei– xebni (hate)
xej– xedja (jaw)
xek– xekri (black)
xel– xe (5th conversion)
xen– xebni (hate)
xer– xenru (regret)
xes– xelso (Greek)
xet– xecto (100)
xex– xexso (1E18)
xi'a– xirma (horse)
xi'o– xriso (Christian)
xi'u– xislu (wheel)
xil– xislu (wheel)
xim– xinmo (ink)
xin– xindo (Hindi)
xip– xispo (Hispanic)
xir– xirma (horse)
xis– xriso (Christian)
xla– xlali (bad)
xle– naxle (canal)
xli– nixli (girl)
xlu– xlura (influence)
xoi– xotli (hotel)

xol– xotli (hotel)
xra– pixra (picture)
xre– mixre (mixture)
xri– maxri (wheat)
xru– xruti (return)
xu'a– xusra (assert)
xu'e– xunre (red)
xu'i– xukmi (chemical)
xu'o– xurdo (Urdu)
xub– xruba (buckwheat)
xuk– xruki (turkey)
xul– xutla (smooth)
xum– xukmi (chemical)
xun– xunre (red)
xur– xurdo (Urdu)
xus– xusra (assert)
za'a– zabna (favorable)
za'i– zasti (exist)
za'o– za'o (superfective)
za'u– zargu (buttock)
zac– zarci (market)
zag– zargu (buttock)
zai– zarci (market)
zaj– zajba (gymnast)
zal– zalvi (grind)
zan– zabna (favorable)
zar– zanru (approve)
zas– zasni (temporary)
zat– zasti (exist)
zau– zanru (approve)
zaz– za'i (state abstract)
zba– zbasu (make)
zbe– zbepi (pedestal)
zbi– nazbi (nose)
zda– zdani (nest)
zdi– zdile (amusing)
zdo– xazdo (Asiatic)
ze'a– zenba (increase)

ze'e– ze'e (whole time interval)
ze'o– ze'o (outward)
zei– zekri (crime)
zel– ze (7)
zen– zenba (increase)
zep– zepti (1E-21)
zer– zekri (crime)
zet– zetro (1E21)
zev– ze'o (outward)
zga– zgana (observe)
zgi– zgike (music)
zgu– rozgu (rose)
zi'e– zifre (free)
zi'i– zinki (zinc)
zi'o– dzipo (Antarctican)
zi'u– zirpu (purple)
zif– zifre (free)
zin– zinki (zinc)
zip– dzipo (Antarctican)

zir– zirpu (purple)
ziv– zivle (invest)
zma– zmadu (more)
zme– guzme (melon)
zmi– zmiku (automatic)
zmu– zumri (maize)
zo'a– zo'a (tangential to)
zo'i– zo'i (inward)
zon– zo'a (tangential to)
zor– zo'i (inward)
zu'e– zukte (act)
zu'i– zunti (interfere)
zug– zungi (guilt)
zuk– zukte (act)
zul– zunle (left)
zum– zu'o (activity abstract)
zun– zunti (interfere)
zut– zutse (sit)
zva– zvati (at)

Cmavo Selma'o List

*selma'o

cmavo– meaning
use

A

a– sumti or

logical connective: sumti
afterthought or

e– sumti and

logical connective: sumti
afterthought and

ji– sumti conn ?

logical connective: sumti
afterthought connective question

o– sumti iff

logical connective: sumti
afterthought biconditional/iff/if-
and-only-if

u– sumti whether

logical connective: sumti
afterthought whether-or-not

A*

enai– sumti but not

logical connective: sumti
afterthought x but not y

na.a– sumti only if

logical connective: sumti
afterthought conditional/only if

onai– sumti xor

logical connective: sumti
afterthought exclusive or; Latin
'aut'

BAI

ba'i– replaced by
basti modal, 1st place

bai– compelled by
bapli modal, 1st place (forced by)

bau– in language
bangu modal, 1st place

be'i– sent by
benji modal, 1st place (sender)

ca'i– by authority of
catni modal, 1st place

cau– lacked by
claxu modal, 1st places

ci'e– in system
ciste modal, 1st place used in scalar
negation

ci'o– emotionally felt by
cinmo modal, 1st place

ci'u– on the scale
ckilu modal, 1st place

cu'u– as said by
cusku modal, 1st place
(attribution/quotation)

de'i– dated
detri modal, 1st place (for letters)

di'o– at the locus of
diklo modal, 1st place

do'e– unspecif modal
elliptical/unspecified modal

du'i– as much as
dunli modal, 1st place (equalled by)

du'o– according to
djuno modal, 1st place (info
source)

fa'e– reverse of
fatne modal, 1st place

fau– in the event of
fasnu modal, 1st place (non-causal)

fi'e– created by
finti modal, 1st place (creator)

ga'a– to observer
zgana modal, 1st place

gau– with active agent
gasnu modal, 1st place agent/actor
case tag

ja'e– therefore result

jalge modal, 1st place

ja'i– by rule
javni modal, 1st place (by standard
1)

ji'e– up to limit
jimte modal, 1st place

ji'o– under direction of
jitro modal, 1st place (control)

ji'u– based on
jicmu modal, 1st place
(assumptions);

ka'a– gone to by
klama modal, 1st place

ka'i– represented by
krati modal, 1st place

kai– characterizing
ckaji modal, 1st place

ki'i– as a relation of
ckini modal, 1st place (related to)

ki'u– because of reason
krinu modal, 1st place (justified by)

koi– bounded by
korbi modal, 1st place (bordered
by)

ku'u– in culture
kulnu modal, 1st place

la'u– quantifying
klani modal, 1st place (amount)

le'a– in category
klesi modal, 1st place (scalar set)

li'e– preceded by
lidne modal, 1st place

ma'e– material object
marji modal, 1st place

ma'i– in reference frame
manri modal, 1st place (by
standard 2)

mau– exceeded by
zmadu modal, 1st place (a greater)

me'a– undercut by
mleca modal, 1st place (a lesser)

me'e– with name
cmene modal, 1st place (requires
quote)

mu'i– because of motive
mukti modal, 1st place

mu'u– exemplified by
mupli modal, 1st place

ni'i– because of logic
nibli modal, 1st place

pa'a– in addition to

panra modal, 1st place (parallel;
shared property) similarly; in
addition to ...

pa'u– having component
pagbu modal, 1st place

pi'o– used by
pilno modal, 1st place

po'i– in the sequence
porsi modal, 1st place (in order)

pu'a– pleased by
pluka modal, 1st place

pu'e– by process
pruce modal, 1st place (in manner
1)

ra'a– pertained to by
srana modal, 1st place

ra'i– from source
krasi modal, 1st place

rai– with superlative
traji modal, 1st place

ri'a– because of cause
rinka modal, 1st place
(phys./mental)

ri'i– experienced by
lifri modal, 1st place
patient/passive case tag; happens
to...,experienced by...,with
passive...

sau– requiring
sarcu modal, 1st place

si'u– aided by
sidju modal, 1st place (aiding agent)

ta'i– by method
tadji modal, 1st place (in manner 3)

tai– in form
tamsmi modal, 1st place (like)/(in manner 2)

ti'i– suggested by
stidi modal, 1st place

ti'u– associated with time
tcika modal, 1st place (for letters)

tu'i– associated with site
stuzi modal, 1st place (used to situate letters) associated with site ... ; label with location

va'o– under conditions
vanbi modal, 1st place (conditions 1)

va'u– benefiting from
xamgu modal, 1st place beneficiary case tag complement benefiting from ...

zau– approved by
zanru modal, 1st place

zu'e– with actor
zukte modal, 1st place (purposed agent)

BAI*

ja'enai– nevertheless result
jalge modal, 1st place (event causal)

ki'unai– despite reason
krinu modal, 1st place

mu'inai– despite motive
mukti modal, 1st place

ni'inai– despite logic
nibli modal, 1st place

pa'aku– each respectively
sumti: explicitly marks respective use as in THEY read THEIR (respective) books

ri'anai– despite cause
rinka modal, 1st place (phys./mental)

seba'i– instead of
basti modal, 2nd place

sebai– compelling
bapli modal, 2nd place (forcing result)

sebau– in language of
bangu modal, 2nd place (speakers)

sebe'i– transmitting

benji modal, 2nd place
(message/cargo)

seca'i- with authority over
catni modal, 2nd place

secau- without
claxu modal, 2nd place (lacking)

seci'e- with system function
ciste modal, 2nd place

seci'o- emoting
cinmo modal, 2nd place (shows
attitude)

seci'u- on scale measuring
ckilu modal, 2nd place used in
scalar negation

secu'u- expressing
cusku modal, 2nd place (saying)

sede'i- on the same date as
detri modal, 2nd place (for letters)

sedi'o- at specific locus
diklo modal, 2nd place

sedu'i- equal to
dunli modal, 2nd place (same as
1st);

sedu'o- knowing facts
djuno modal, 2nd place

sefa'e- in reversal of

fatne modal, 2nd place (same as
1st);

sefi'e- creating work
finti modal, 2nd place

sega'a- observing
zgana modal, 2nd place

segau- as agent in doing
gasnu modal, 2nd place
actor/agent case complement;
actively; as active agent in doing ...

seja'e- results because
jalge modal, 2nd place (event
causal)

seja'enai- results despite
jalge modal, 2nd place (event
causal)

seja'i- by rule prescribing
javni modal, 2nd place

seji'e- as a limit of
jimte modal, 2nd place

seji'o- controlling aspects
jitro modal, 2nd place

seji'u- supporting
jicmu modal, 2nd place (from basis)

seka'a- with destination
klama modal, 2nd place

seka'i- on behalf of

krati modal, 2nd place

sekai– with property
ckaji modal, 2nd place (quality)

sekai ma– which kind?
sumti question asking for a
characteristic property/quality;
which?

seki'i– related to
ckini modal, 2nd place (same as
1st)

seki'u– reason therefore
krinu modal, 2nd place

seki'unai– reason nevertheless
krinu modal, 2nd place

sekoi– as boundary of
korbi modal, 2nd place (bounding)

seku'u– in culture of
kulnu modal, 2nd place (people)

sela'u– in quantity
klani modal, 2nd place

sele'a– as a category of
klesi modal, 2nd place

seli'e– preceding
lidne modal, 2nd place

sema'e– made of material
marji modal, 2nd place

sema'i– as a standard for
manri modal, 2nd place (of
reference)

semau– more than
zmadu modal, 2nd place (relative!)

semaunai– not more than
zmadu modal, 2nd place (relative!)

seme'a– less than
mleca modal, 2nd place (relative!)

seme'anai– not less than
mleca modal, 2nd place (relative!)

seme'e– as a name for
cmene modal, 2nd place (the
named one)

semu'i– motive therefore
mukti modal, 2nd place

semu'inai– motive nevertheless
mukti modal, 2nd place

semu'u– example of property
mupli modal, 2nd place

seni'i– entails therefore
nibli modal, 2nd place

seni'inai– entails nevertheless
nibli modal, 2nd place

sepa'a– similar to
panra modal, 2nd place

sepa'u– as a part of
pagbu modal, 2nd place (whole)

sepi'o– using tool
pilno modal, 2nd place
(instrumental)
tool/machine/apparatus/acting
entity; using (tool) ...

sepo'i– sequenced by rules
porsi modal, 2nd place

sepu'a– in order to please
pluka modal, 2nd place (for)

sepu'e– processing from
pruce modal, 2nd place (inputs)

sera'a– concerning
srana modal, 2nd place (pertaining
to)

sera'i– as an origin of
krasi modal, 2nd place

serai– superlative in
traji modal, 2nd place (property)

seri'a– causal therefore
rinka modal, 2nd place
(phys./mental)

seri'anai– causal nevertheless
rinka modal, 2nd place
(phys./mental)

seri'i– experiencing
lifri modal, 2nd place

sesau– necessary for
sarcu modal, 2nd place (process)

sesi'u– assisting
sidju modal, 2nd place

seta'i– as a method for
tadji modal, 2nd place

setai– as a form of
tamsmi modal, 2nd place

seti'i– suggesting
stidi modal, 2nd place

seti'u– at the same time as
tcika modal, 2nd place (for letters)

setu'i– as a location of
stuzi modal, 2nd place

seva'o– as conditions for
vanbi modal, 2nd place
(environment)

seva'u– with beneficiary
xamgu modal, 2nd place
beneficiary case tag

sezau– approving
zanru modal, 2nd place

sezu'e– goalfully acting at
zukte modal, 2nd place

tebau– expressing

bangu modal, 3rd place
(expression)

tebe'i– sent to
benji modal, 3rd place (source)

teca'i– basis for authority
catni modal, 3rd place

teci'e– of system components
ciste modal, 3rd place

teci'o– emoting about
cinmo modal, 3rd place (attitude
about)

tecu'u– as told to
cusku modal, 3rd place (3rd party
hearsay)

tede'i– on date at location
detri modal, 3rd place

tedi'o– at locus within range
diklo modal, 3rd place

tedu'i– equal in property
dunli modal, 3rd place

tedu'o– knowing about
djuno modal, 3rd place

tefi'e– created for purpose
finti modal, 3rd place

tega'a– observed by means
zgana modal, 3rd place

teja'i– by rule within
javni modal, 3rd place

teji'e– limited in property
jimte modal, 3rd place

teji'o– controlling event
jitro modal, 3rd place

teka'a– with origin
klama modal, 3rd place

teka'i– representing in
krati modal, 2nd place

teki'i– with relation
ckini modal, 3rd place

tekoi– bordering
korbi modal, 3rd place (bounding)

tela'u– measured on scale
klani modal, 3rd place

tele'a– defined by quality
klesi modal, 3rd place (category)

teli'e– ordered in sequence
lidne modal, 3rd place

tema'e– in material form
marji modal, 3rd place

tema'i– rules of standard
manri modal, 3rd place (of
reference)

temau– more in property

zmadu modal, 3rd place (relative!)

teme'a– less in property
mleca modal, 3rd place (relative!)

teme'e– as a name used by
cmene modal, 3rd place

temu'i– motive of person
mukti modal, 3rd place

temu'u– example out of set
mupli modal, 3rd place

teni'i– under logic system
nibli modal, 3rd place

tepa'a– contrasting property
panra modal, 3rd place (property)

tepi'o– usage for purpose
pilno modal, 3rd place
(instrumental)

tepo'i– ordering items
porsi modal, 3rd place

tepu'a– pleasing conditions
pluka modal, 3rd place

tepu'e– processing into
pruce modal, 3rd place (outputs)

terai– at extreme
traji modal, 3rd place (superlative)

teri'a– causal conditions

rinka modal, 2nd place
(phys./mental)

tesau– necessarily under
sarcu modal, 3rd place (conditions
2)

tesi'u– assisting in
sidju modal, 3rd place

teta'i– method conditions
tadji modal, 3rd place

tetai– sharing ideal form
tamsmi modal, 3rd place

teti'i– suggested to
stidi modal, 3rd place

teti'u– time on day
tcika modal, 3rd place (for letters)

teva'u– goodness standard
xamgu modal, 3rd place

tezu'e– with goal
zukte modal, 3rd place

vebe'i– transmit origin
benji modal, 4th place

veci'e– with synergy in
ciste modal, 4th place

vecu'u– expressed in medium
cusku modal, 4th place

vede'i– on date by calendar

detri modal, 4th place

vedu'o– under epistemology
djuno modal, 4th place

vefi'e– created from
finti modal, 4th place

vega'a– observed under
zgana modal, 4th place (under
conditions)

veka'a– via route
klama modal, 4th place

vemau– more by amount
zmadu modal, 4th place (relative!)

veme'a– less by amount
mleca modal, 4th place (relative!)

vepa'a– similar by standard
panra modal, 4th place
(standard/geometry)

vepu'e– passing thru stages
pruce modal, 4th place (set of
stages)

verai– superlative among
traji modal, 4th place (set)

vetai– similar in property
tamsmi modal, 4th place

veti'u– time at location
tcika modal, 4th place (for letters)

xebe'i– transmitted via
benji modal, 5th place (medium)

xeka'a– by transport mode
klama modal, 5th place

BAhE

ba'e– emphasize next
forethought emphasis indicator;
indicates next word is especially
emphasized

za'e– nonce-word next
forethought nonce-word indicator;
indicates next word is nonce-
creation and may be nonstandard

BE

be– link sumti
sumti link to attach sumti (default
x2) to a selbri; used in descriptions

BEI

bei– link more sumti
separates multiple linked sumti
within a selbri; used in descriptions

BEhO

be'o– end linked sumti
elidable terminator: end linked
sumti in specified description

BIhE

bi'e– high priority operator
prefixed to a mex operator to
indicate high priority

BIhI

bi'i– unordered interval
non-logical interval connective:
unordered between ... and ... (rafsi
represents any interval)

bi'o– ordered interval
non-logical interval connective:
ordered from ... to ...

mi'i– center-range
non-logical interval connective:
ordered components: ... center, ...
range surrounding center

BO

bo– short scope link
short scope joiner; joins various
constructs with shortest scope and
right grouping

BOI

boi– end number or lerfu
elidable terminator: terminate
numeral or literal string

BU

bu– word to lerfu
convert any single word to BY

BY*

abu– a
letteral for a

ebu– e
letteral for e

ibu– i
letteral for i

joibu– &
letteral: ampersand character;
especially used in standing for a
mixed connective

obu– o
letteral for o

ubu– u
letteral for u

uibu– happy face
letteral: happiness symbol (letteral)

ybu– y
letteral for y

zo'obu– smiley face
letteral: humor symbol, :-) and its
related forms expressing humor
(letteral)

BY1

ga'e– upper-case shift
upper-case letteral shift

ge'o– Greek shift
shift letterals to Greek alphabet

je'o– Hebrew shift
shift letterals to Hebrew alphabet

jo'o– Arabic shift
shift letterals to Arabic alphabet

lo'a– Lojban shift

shift letterals to Lojban (Roman)
alphabet

na'a– cancel shifts
cancel all letteral shifts

ru'o– Cyrillic shift
shift letterals to Cyrillic alphabet

se'e– character code
following digits code a character (in
ASCII, Unicode, etc.)

to'a– lower-case shift
lower-case letteral shift

BY2

by– b
letteral for b

cy– c
letteral for c

dy– d
letteral for d

fy– f
letteral for f

gy– g
letteral for g

jy– j
letteral for j

ky– k
letteral for k

ly– l
letteral for l

my– m
letteral for m

ny– n
letteral for n

py– p
letteral for p

ry– r
letteral for r

sy– s
letteral for s

ty– t
letteral for t

vy– v
letteral for v

xy– x
letteral for x

y'y– '
letteral for '

zy– z
letteral for z

CAI

cai– intense emotion
attitudinal: strong intensity
attitude modifier

cu'i– neutral emotion
attitudinal: neutral scalar attitude
modifier

pei– emotion ?
attitudinal: attitudinal question;
how do you feel about it? with
what intensity?

ru'e– weak emotion
attitudinal: weak intensity attitude
modifier

sai– strong emotion
attitudinal: moderate intensity
attitude modifier

CAhA

ca'a– actually is
modal aspect: actuality/ongoing
event

ka'e– innately capable of
modal aspect: innate capability;
possibly unrealized

nu'o– can but has not
modal aspect: can but has not;
unrealized potential

pu'i– can and has
modal aspect: can and has;
demonstrated potential

CAhA*

na'epu'i– has never

modal aspect: has never, and
perhaps cannot; other-than-
demonstrated-ability

CEI

cei– pro-bridi assign
selbri variable assignment; assigns
broda series pro-bridi to a selbri

CEhE

ce'e– afterthought termset
links terms into an afterthought
termset

CO

co– tanru inversion
tanru inversion operator; ... of type
...; allows modifier trailing sumti
without sumti links

COI

be'e– request to send
vocative: request to send/speak

co'o– partings
vocative: partings/good-bye

coi– greetings
vocative: greetings/hello

***di'ai**– blessing
vocative: bless – curse

fe'o– over and out
vocative: over and out (end
discussion)

fi'i– hospitality

vocative: hospitality – inhospitality;
you are welcome/ make yourself at
home

je'e– roger

vocative: roger (ack) – negative
acknowledge; used to acknowledge
offers and thanks

ju'i– attention

vocative: attention – at ease –
ignore me

ke'o– please repeat

vocative: please repeat

ki'e– thanks

vocative: thanks – no thanks to you

mi'e– self-introduction

self vocative: self-introduction –
denial of identity; identifies
speaker

mu'o– over

vocative: over (response OK) –
more to come

nu'e– promise

vocative: promise – promise
release – un-promise

pe'u– please

vocative: please

re'i– ready to receive

vocative: ready to receive – not
ready to receive

ta'a– interruption

vocative: interruption

vi'o– wilco

vocative: wilco (ack and will
comply)

COI*

coico'o– greetings in passing

vocative: greetings in passing

fi'inai– inhospitality

vocative: hospitality – inhospitality

je'enai– negative acknowledge

vocative: roger (ack) – negative
acknowledge; I didn't hear you

ju'icu'i– at ease

vocative: attention – at ease –
ignore me

ju'inai– ignore me

vocative: attention – at ease –
ignore me

ki'enai– no thanks to you

vocative: thanks – no thanks to you

mi'enai– no, I am not

self vocative: self-introduction –
denial of identity; denies identity of
speaker

mu'onai– more to come

vocative: over (response OK) –
more to come

nu'ecu'i– release from promise
vocative: promise – promise
release – un-promise

nu'enai– non-promise
vocative: promise – promise
release – un-promise

re'inai– not ready to receive
vocative: ready to receive – not
ready to receive

COI2

***sa'ei**– onomatopoeia
Converts following cmevla or zoi-
quote into onomatopoeia.

***ki'ai**– nonce interjection
Converts following cmevla or zoi-
quote into a nonce interjection/
attitudinal.

CU

cu– selbri separator
elidable marker: separates selbri
from preceding sumti, allows
preceding terminator elision

CUhE

cu'e– modal ?
tense/modal question

nau– reference point
tense: refers to current space/time
reference absolutely

DAhO

da'o– cancel pro-assigns
discursive: cancel pro-sumti/pro-
bridi assignments

DOI

***da'oi**– empathy
attitudinal attribution

doi– vocative marker
generic vocative marker; identifies
intended listener; elidable after COI

DOI*

doido'u– O You!
generic vocative address to
intended listener;

DOhU

do'u– end vocative
elidable terminator: end vocative
(often elidable)

FA

fa– 1st sumti place
sumti place tag: tag 1st sumti place

fai– extra sumti place
sumti place tag: tag a sumti moved
out of numbered place structure;
used in modal conversions

fe– 2nd sumti place
sumti place tag: tag 2nd sumti
place

fi– 3rd sumti place
sumti place tag: tag 3rd sumti place

fi'a– sumti place ?

sumti place tag: place structure
number/tag question

fo– 4th sumti place

sumti place tag: tag 4th sumti place

fu– 5th sumti place

sumti place tag: tag 5th sumti place

FAhA*

mo'ibe'a– northwardly

space motion tense: northwardly;
to the north directional space
motion

mo'ibu'u– moving to coincide

space motion tense: moving to
coincide directional space motion

mo'ica'u– forward

space motion tense: forward
directional space motion

mo'idu'a– eastwardly

space motion tense: eastwardly; to
the east directional space motion

mo'ifa'a– arriving at

space motion tense: arriving at;
arriving at a point directional space
motion

mo'iga'u– upwardly

space motion tense: upwardly;
upwards directional space motion

mo'ine'a– approximating

space motion tense:

approximating; moving around the
neighborhood of ... space motion

mo'ine'i– into

space motion tense: moving into
directional space motion

mo'ine'u– southwardly

space motion tense: southwardly;
to the south directional space
motion

mo'ini'a– downwardly

space motion tense: downwardly;
downwards directional space
motion

mo'ipa'o– passing through

space motion tense: passing
through directional space motion

mo'ire'o– along

space motion tense: along; along a
path directional space motion

mo'iri'u– rightwardly

space motion tense: rightwardly; to
the right directional space motion

mo'iru'u– orbiting

space motion tense: orbiting;
surrounding/annular directional
space motion

mo'ite'e– moving the border

space motion tense: moving along
the border directional space
motion

mo'iti'a– rearwardsly
space motion tense: rearwardsly;
rearwards directional space motion

mo'ito'o– moving away from
space motion tense: moving away
from a point directional space
motion

mo'ivu'a– westwardly
space motion tense: westwardly; to
the west directional space motion

mo'ize'o– outwardsly
space motion tense: outwardsly;
outward directional space motion

mo'izo'a– passing by
space motion tense: passing by a
site directional space motion

mo'izo'i– approaching
space motion tense: approaching
directional space motion

mo'izu'a– leftwardsly
space motion tense: leftwardsly; to
the left directional space motion

na'efa'a– not towards point
space direction: not towards
specified point, contrary negation;
direction modal

FAhA1

be'a– north of
location tense relation/direction;
north of

du'a– east of
location tense relation/direction;
east of

ne'u– south of
location tense relation/direction;
south of

vu'a– west of
location tense relation/direction;
west of

FAhA2

ca'u– in front of
location tense relation/direction;
forwards/to the front of ...

ga'u– above
location tense relation/direction;
upwards/up from ...

ni'a– below
location tense relation/direction;
downwards/down from ...

ri'u– on the right of
location tense relation/direction;
rightwards/to the right of ...

ru'u– surrounding
location tense relation/direction;
surrounding/annular ...

ti'a- behind

location tense relation/direction;
rearwards/to the rear of ...

zu'a- on the left of

location tense relation/direction;
leftwards/to the left of ...

FAhA3

bu'u- coincident with

location tense relation/direction;
coincident with/at the same place
as; space equivalent of ca

ne'a- next to

location tense relation/direction;
approximating/next to ...

ne'i- within

location tense relation/direction;
within/inside of/into ...

pa'o- transfixing

location tense relation/direction;
transfixing/passing through ...

re'o- adjacent to

location tense relation/direction;
adjacent to/touching/contacting ...

te'e- bordering

location tense relation/direction;
edged by/edging up to ...

FAhA4

fa'a- towards point

location tense relation/direction;
arriving at/directly towards ...

to'o- away from point

location tense relation/direction;
departing from/directly away from
...

ze'o- outward

location tense relation/direction;
beyond/outward/receding from ...

zo'a- tangential to

location tense relation/direction;
tangential to/passing by ...

zo'i- inward

location tense relation/direction;
nearer than .../inward/approaching
from ...

FAhO

fa'o- end of text

unconditional end of text; outside
regular grammar; used for
computer input

FEHe

fe'e- space aspects

mark space interval distributive
aspects; labels interval tense
modifiers as location-oriented

FEhU

fe'u- end modal selbri

elidable terminator: end nonce
conversion of selbri to modal;
usually elidable

FIhO

fi'o– selbri to modal
convert selbri to nonce
modal/sumti tag

FOI

foi– end composite lerfu
terminator: end composite lerfu;
never elidable

FUhA

fu'a– reverse Polish
reverse Polish mathematical
expression (mex) operator flag

FUhE

fu'e– indicator scope
begin indicator long scope

***fu'ei**– quote scope
begin within-context quote that
need not be grammatical

FUhO

fu'o– end indicator scope
end indicator long scope;
terminates scope of all active
indicators

***fu'oi**– end quote scope
terminates scope started with fu'ei

GA

ga– fore or
logical connective: forethought all
but tanru-internal or (with gi)

ge– fore and

logical connective: forethought all
but tanru-internal and (with gi)

ge'i– fore conn ?

logical connective: forethought all
but tanru-internal connective
question (with gi)

go– fore iff

logical connective: forethought all
but tanru internal
biconditional/iff/if-and-only-if(with
gi)

gu– fore whether

logical connective: forethought all
but tanru-internal whether-or-not
(with gi)

GA*

ganai– fore only if

logical connective: forethought all
but tanru-internal conditional/only
if (with gi)

gonai– fore xor

logical connective: forethought all
but tanru-internal exclusive or
(with gi); Latin 'aut'

GAhO

ga'o– inclusive interval
closed interval bracket marker;
mod. intervals in non-logical
connectives; include boundaries

ke'i– exclusive interval

open interval bracket marker;
modifies intervals in non-logical
connectives; exclude boundaries

GEhU

ge'u– end relative phrase
elidable terminator: end
relative/modal phrases; usually
elidable in non-complex phrases

GI

gi– connective medial
logical connective: all but tanru-
internal forethought connective
medial marker

GihA

gi'a– bridi or
logical connective: bridi-tail
afterthought or

gi'e– bridi and
logical connective: bridi-tail
afterthought and

gi'i– bridi conn ?
logical connective: bridi-tail
afterthought conn question

gi'o– bridi iff
logical connective: bridi-tail
afterthought biconditional/iff/if-
and-only-if

gi'u– bridi whether
logical connective: bridi-tail
afterthought whether-or-not

GihA*

gi'enai– bridi but not
logical connective: bridi-tail
afterthought x but not y

gi'onai– bridi xor
logical connective: bridi-tail
afterthought exclusive or; Latin
'aut'

nagi'a– bridi only if
logical connective: bridi-tail
afterthought conditional/only if

GOI

goi– pro-sumti assign
sumti assignment; used to
define/assign ko'a/fo'a series pro-
sumti; Latin 'sive'

ne– incidental phrase
non-restrictive relative phrase
marker: which incidentally is
associated with ...

no'u– incidental identity
non-restrictive appositive phrase
marker: which incidentally is the
same thing as ...

pe– restrictive phrase
restrictive relative phrase marker:
which is associated with ...; loosest
associative/possessive

po– is specific to

restrictive relative phrase marker:
which is specific to ...; normal
possessive physical/legal

po'e– which belongs to
restrictive relative phrase marker:
which belongs to ... ; inalienable
possession

po'u– restrictive identity
restrictive appositive phrase
marker: which is the same thing as

GOhA

bu'a– some selbri 1
logically quantified predicate
variable: some selbri 1

bu'e– some selbri 2
logically quantified predicate
variable: some selbri 2

bu'i– some selbri 3
logically quantified predicate
variable: some selbri 3

co'e– unspecif brid
elliptical/unspecified brid
relationship

du– same identity as
identity selbri; = sign; x1 identically
equals x2, x3, etc.; attached sumti
refer to same thing

go'a– recent brid
pro-brid: repeats a recent brid
(usually not the last 2)

go'e– penultimate brid
pro-brid: repeats the next to last
brid

go'i– last brid
pro-brid: preceding brid; in
answer to a yes/no question,
repeats the claim, meaning yes

go'o– future brid
pro-brid: repeats a future brid,
normally the next one

go'u– earlier brid
pro-brid: repeats a remote past
brid

mo– brid ?
pro-brid: brid/selbri/brivla
question

nei– current brid
pro-brid: repeats the current brid

no'a– next outer brid
pro-brid: repeats the brid in which
this one is embedded

GOhA*

go'ira'o– true for me too
pro-brid: preceding brid; repeats
claim as true, updating for
speaker/listener change

nago'i– deny last brid

selbri: repeats preceding brid
while denying it as false; pro-assign
values are unchanged

GUhA

gu'a- fore tanru or
logical connective: tanru-internal
forethought or (with gi)

gu'e- fore tanru and
logical connective: tanru-internal
forethought and (with gi)

gu'i- fore tanru conn ?
logical connective: tanru-internal
forethought question (with gi)

gu'o- fore tanru iff
logical connective: tanru-internal
forethought biconditional/iff/if-
and-only-if (with gi)

gu'u- fore tanru whether
logical connective: tanru-internal
forethought whether-or-not (with
gi)

GUhA*

gu'anai- fore tanru only if
logical connective: tanru-internal
forethought conditional/only if
(with gi)

gu'onai- fore tanru xor
logical connective: tanru-internal
forethought exclusive or (with gi);
Latin 'aut'

I

i- sentence link
sentence link/continuation;
continuing sentences on same
topic; normally elided for new
speakers

JA

ja- tanru or
logical connective: tanru-internal
afterthought or

je- tanru and
logical connective: tanru-internal
afterthought and

je'i- tanru conn ?
logical connective: tanru-internal
afterthought conn question

jo- tanru iff
logical connective: tanru-internal
afterthought biconditional/iff/if-
and-only-if

ju- tanru whether
logical connective: tanru-internal
afterthought whether-or-not

JA*

ija- sentence or
logical connective: sentence
afterthought or

ijanai- sentence if
logical connective: sentence
afterthought: (preceding sentence)
if this sentence

ije– sentence and
logical connective: sentence
afterthought and

ije'i– sentence conn ?
logical connective: sentence
afterthought conn question

ijenai– sentence but not
logical connective: sentence
afterthought x but not y

ijo– sentence iff
logical connective: sentence
afterthought biconditional/iff/if-
and-only-if

ijonai– sentence xor
logical connective: sentence
afterthought exclusive or; Latin
'aut'

iju– sentence whether
logical connective: sentence
afterthought whether-or-not

inaja– sentence only if
logical connective: sentence
afterthought conditional/only if

jenai– tanru but not
logical connective: tanru-internal
afterthought x but not y

jonai– tanru xor

logical connective: tanru-internal
afterthought exclusive or; Latin
'aut'

naja– tanru only if
logical connective: tanru-internal
afterthought conditional/only if

JAI

jai– modal conversion
convert tense/modal (tagged) place
to 1st place; 1st place moves to
extra FA place (fai)

JOI

ce– in a set with
non-logical connective: set link,
unordered; and also, but forming a
set

ce'o– in a sequence with
non-logical connective: ordered
sequence link; and then, forming a
sequence

fa'u– and respectively
non-logical connective:
respectively; unmixed ordered
distributed association

jo'e– union
non-logical connective: union of
sets

jo'u– in common with
non-logical connective: in common
with; along with (unmixed)

joi– in a mass with
non-logical connective: mixed
conjunction; and meaning mixed
together, forming a mass

ju'e– vague connective
vague non-logical connective:
analogous to plain .i

ku'a– intersection
non-logical connective: intersection
of sets

pi'u– cross product
non-logical connective: cross
product; Cartesian product of sets

JOhi

jo'i– array
join mathematical expression (mex)
operands into an array

KE

ke– start grouping
start grouping of tanru, etc; ... type
of ... ; overrides normal tanru left
grouping

KEI

kei– end abstraction
elidable terminator: end
abstraction bridhi (often elidable)

KEhE

ke'e– end grouping
elidable terminator: end of tanru
left grouping override (usually
elidable)

KI

ki– tense default
tense/modal: set/use tense
default; establishes new open
scope space/time/modal reference
base

KOhA

***xai**– repeat multiple bridhi
repeats two or more preceding
sumti, not one plural sumti

KOhA*

la'edi'u– last utterance it
pro-sumti: the referent of the last
utterance; the state described: IT
was fun

noda– nothing at all
logically quantified sumti: nothing
at all (unless restricted)

roda– everything
logically quantified universal sumti:
everything (unless restricted)

KOhA1

da– something 1
logically quantified existential pro-
sumti: there exists something 1
(usually restricted)

de– something 2
logically quantified existential pro-
sumti: there exists something 2
(usually restricted)

di– something 3
logically quantified existential pro-
sumti: there exists something 3
(usually restricted)

KOhA2

da'e– eventual utterance
pro-sumti: remote future
utterance; He'll tell you tomorrow.
IT will be a doozy.

da'u– earlier utterance
pro-sumti: a remote past
utterance; She couldn't have
known that IT would be true.

de'e– soon utterance
pro-sumti: a near future utterance

de'u– recent utterance
pro-sumti: a recent utterance

dei– this utterance
pro-sumti: this utterance

di'e– next utterance
pro-sumti: the next utterance

di'u– last utterance
pro-sumti: the last utterance

do'i– unspecif utterance
pro-sumti: elliptical/unspecified
utterance variable

KOhA3

do– you

pro-sumti: you listener(s);
identified by vocative

do'o– you and others
pro-sumti: you the listener &
others unspecified

ko– imperative
pro-sumti: you (imperative); make
it true for you, the listener

ma'a– we with you
pro-sumti: me/we the
speaker(s)/author(s) & you the
listener(s) & others unspecified

mi– me
pro-sumti: me/we the
speaker(s)/author(s); identified by
self-vocative

mi'a– we, not you
pro-sumti: me/we the
speaker(s)/author(s) & others
unspecified, but not you, the
listener

mi'o– me and you
pro-sumti: me/we the
speaker(s)/author(s) & you the
listener(s)

KOhA4

fo'a– it-6
pro-sumti: he/she/it/they #6
(specified by goi)

fo'e– it-7

pro-sumti: he/she/it/they #7
(specified by goi)

fo'i- it-8

pro-sumti: he/she/it/they #8
(specified by goi)

fo'o- it-9

pro-sumti: he/she/it/they #9
(specified by goi)

fo'u- it-10

pro-sumti: he/she/it/they #10
(specified by goi)

ko'a- it-1

pro-sumti: he/she/it/they #1
(specified by goi)

ko'e- it-2

pro-sumti: he/she/it/they #2
(specified by goi)

ko'i- it-3

pro-sumti: he/she/it/they #3
(specified by goi)

ko'o- it-4

pro-sumti: he/she/it/they #4
(specified by goi)

ko'u- it-5

pro-sumti: he/she/it/they #5
(specified by goi)

vo'a- x1 it

pro-sumti: repeats 1st place of
main bridi of this sentence

vo'e- x2 it

pro-sumti: repeats 2nd place of
main bridi of this sentence

vo'i- x3 it

pro-sumti: repeats 3rd place of
main bridi of this sentence

vo'o- x4 it

pro-sumti: repeats 4th place of
main bridi of this sentence

vo'u- x5 it

pro-sumti: repeats 5th place of
main bridi of this sentence

KOhA5

ra- recent sumti

pro-sumti: a recent sumti before
the last one, as determined by
back-counting rules

ri- last sumti

pro-sumti: the last sumti, as
determined by back-counting rules

ru- earlier sumti

pro-sumti: a remote past sumti,
before all other in-use
backcounting sumti

KOhA6

ta- that there

pro-sumti: that there; nearby
demonstrative it; indicated
thing/place near listener

ti- this here
pro-sumti: this here; immediate demonstrative it; indicated thing/place near speaker

tu- that yonder
pro-sumti: that yonder; distant demonstrative it; indicated thing far from speaker & listener

KOhA7

ke'a- relativized it
pro-sumti: relativized sumti (object of relative clause)

ma- sumti ?
pro-sumti: sumti question (what/who/how/why/etc.); appropriately fill in sumti blank

zi'o- nonexistent it
pro-sumti: fills a sumti place, deleting it from selbri place structure; changes selbri semantics

zo'e- unspecif it
pro-sumti: an elliptical/unspecified value; has some value which makes bridri true

zu'i- typical it
pro-sumti: the typical sumti value for this place in this relationship; affects truth value

KOhA8

ce'u- lambda

pseudo-quantifier binding a variable within an abstraction that represents an open place

KU

ku- end sumti
elidable terminator: end description, modal, or negator sumti; often elidable

KUHe

ku'e- end mex forethought
elidable terminator: end mathematical (mex) forethought (Polish) expression; often elidable

KUHo

ku'o- end relative clause
elidable terminator: end NOI relative clause; always elidable, but preferred in complex clauses

LA

la- that named
name descriptor: the one(s) called ... ; takes name or selbri description

la'i- the set of named
name descriptor: the set of those named ... ; takes name or selbri description

lai- the mass of named
name descriptor: the mass of individual(s) named ... ; takes name or selbri description

LAU

ce'a– font shift

2-word letteral/shift: the word following indicates a new font (e.g. italics, manuscript)

lau– punctuation mark

2-word letteral/shift: punctuation mark or special symbol follows

tau– shift next lerfu

2-word letteral/shift: change case for next letteral only

zai– select alphabet

2-word letteral/shift: alternate alphabet selector follows

LAhE

la'e– the referent of

the referent of (indirect pointer); uses the referent of a sumti as the desired sumti

lu'a– the individuals of

the members of the set/components of the mass; converts another description type to individuals

lu'e– the symbol for

the symbol for (indirect discourse); uses the symbol/word(s) for a sumti as the desired sumti

lu'i– the set composed of

the set with members; converts another description type to a set of the members

lu'o– the mass composed of the mass composed of; converts another description type to a mass composed of the members

tu'a– the bridi implied by extracts a concrete sumti from an unspecified abstraction; equivalent to le nu/su'u [sumti] co'e

vu'i– the sequence of sumti qualifier: the sequence made from set or composed of elements/components; order is vague

LE

le– the described

non-veridical descriptor: the one(s) described as ...

le'e– the stereotypical

non-veridical descriptor: the stereotype of those described as ...

le'i– the set described

non-veridical descriptor: the set of those described as ..., treated as a set

lei– the mass described

non-veridical descriptor: the mass of individual(s) described as ...

lo– the really is

veridical descriptor: the one(s) that really is(are) ...

lo'e– the typical
veridical descriptor: the typical
one(s) who really is(are) ...

lo'i– the set really is
veridical descriptor: the set of
those that really are ..., treated as a
set

loi– the mass really is
veridical descriptor: the mass of
individual(s) that is(are) ...

***xo'e**– Generic article
simply converts a selbri to a sumti.
Avoids obligatory marking for
veridicality and quantity.

LE*

le jaica– the time of
description: marks description
extracting the time tense place of
the description brid

le jaigau– the agent in
description: marks description
extracting the agentive place of the
description selbri

le jaivi– the location of
description: marks description
extracting the location place of the
description brid

ledo– your described as
possessive/associative descriptor:
the one(s) described as, of yours

leko'a– it-1's described as
possessive/associative descriptor:
the one(s) described as, of it-1's

lemi– my described as
possessive/associative descriptor:
the one(s) described as, of mine

leta– that one's
possessive/associative descriptor:
nearby demonstrative possessive;
cannot use for 'THAT ...'

leti– this one's
possessive/associative descriptor:
immediate demonstrative
possessive; cannot use for 'THIS ...'

letu– the yonder one's
possessive/associative descriptor:
distant demonstrative possessive

leva– that there
located descriptor: descriptive
that-there (non-demonstrative)

levi– this here
located descriptor: descriptive this-
here (non-demonstrative)

levu– that yonder
located descriptor: descriptive
that-yonder (non-demonstrative)

LEhAl

***le'ai**– mistake indicator

replace recent mistakenly uttered text

LEhU

le'u— end error quote

end quote of questionable or out-of-context text; not elidable

LI

li— the number

the number/evaluated expression; convert

number/operand/evaluated math expression to sumti

me'o— the mex

the mathematical expression (unevaluated); convert unevaluated mathematical expression to sumti

LihU

li'u— end quote

elidable terminator: end grammatical quotation; seldom elidable except at end of text

LOhAI

***lo'ai**— mistake quote

start quote of recent mistakenly uttered text to be replaced

LOhO

lo'o— end mex sumti

elidable terminator: end math express.(mex) sumti; end mex-to-sumti conversion; usually elidable

LOhU

lo'u— error quote

start questionable/out-of-context quote; text should be Lojban words, but needn't be grammatical

LU

lu— quote

start grammatical quotation; quoted text should be grammatical on its own

LUhU

lu'u— end sumti qualifiers

elidable terminator: end of sumti qualifiers; usually elidable except before a sumti

MAI

mai— sentence ordinal

utterance ordinal suffix; converts a number to an ordinal, such as an item or paragraph number

mo'o— section ordinal

higher-order utterance ordinal suffix; converts a number to ordinal, usually a section/chapter

MAI*

nomo'o— section 0

discursive utterance ordinal: zeroth section/chapter ordinal; foreword

pamai— firstly

discursive: first utterance ordinal

pamo'o— section 1

discursive utterance ordinal: first
section/chapter ordinal

remaï– secondly

discursive: second utterance
ordinal

romai– lastly

discursive utterance ordinal: finally;
last utterance ordinal

MAhO

ma'o– operand to operator

convert letteral string or other
mathematical expression (mex)
operand to mex operator

ME

me– sumti to selbri

convert sumti to selbri/tanru
element; x1 is specific to [sumti] in
aspect x2

***me'ei**– selbri converter

a generic operator for converting a
sumti referring to a selbri into a
selbri

MEhU

me'u– end sumti to selbri

elidable terminator: end sumti that
was converted to selbri; usually
elidable

MOI

cu'o– probability selbri

convert number to probability
selbri; event x1 has probability (n)
of occurring under cond. x2

mei– cardinal selbri

convert number to cardinality
selbri; x1 is the mass formed from
set x2 with member(s) x3

moi– ordinal selbri

convert number to ordinal selbri;
x1 is (n)th member of set x2
ordered by rule x3

si'e– portion selbri

convert number to portion selbri;
x1 is an (n)th portion of
mass/totality x2;

MOI*

bimei– is a octet

quantifier selbri: convert 8 to
cardinal selbri; x1 is a set with the
octet of members x2

bimoi– is eighth among

quantified selbri: convert 8 to
ordinal selbri; x1 is eighth among
x2 ordered by rule x3

cimei– is a trio

quantifier selbri: convert 3 to
cardinal selbri; x1 is a set with the
trio of members x2

cimoi– is third among

quantified selbri: convert 3 to ordinal selbri; x1 is third among x2 ordered by rule x3

da'amoi– is penultimate among quantified selbri: converts all-but-(1) to ordinal selbri; x1 is penultimate among x2 by rule x3

da'aremoi– is antepenultimate among quantified selbri: converts all-but-2 to ordinal selbri; x1 is antepenult. among x2 by rule x3

du'emei– is too many quantifier selbri: convert too many to cardinal selbri; x1 is a set with too many members x2

mumei– is a quintet quantifier selbri: convert 5 to cardinal selbri; x1 is a set with the quintet of members x2

mumoi– is fifth among quantified selbri: convert 5 to ordinal selbri; x1 is fifth among x2 ordered by rule x3

pamei– is singular quantified selbri: convert 1 to cardinal selbri; x1 is a set with single/sole/only member x2

pamoi– is first among quantified selbri: convert 1 to ordinal selbri; x1 is first among x2 ordered by rule x3

panomei– is a decade quantifier selbri: convert 10 to cardinal selbri; x1 is a set with the decade of members x2

panomoi– is tenth among quantified selbri: convert 10 to ordinal selbri; x1 is tenth among x2 ordered by rule x3

panonomei– is a century quantifier selbri: convert 100 to cardinal selbri; x1 is a set with the century of members x2

paremei– is a dozen quantified selbri: convert 12 to cardinal selbri; x1 is a set with a dozen members x2

pimucu'o– has even odds quantified selbri: convert .5 to probability selbri; event x1 has a 50/50 chance under cond. x2

piresi'e– is a fifth portion quantified selbri: convert $.2 = 1/5$ to portion selbri; x1 is 1/5 of mass/totality x2

pirosi'e– is the whole of quantified selbri: converts all-of to portion selbri; x1 is the whole portion of mass x2

raumei– are enough

quantified selbri: converts enough to cardinal; x1 is a set with members x2, enough by std. x3

raumoi– is enoughth among
quantified selbri: converts enough to ordinal; x1 is enoughth among x2, order rule x3

remei– is a pair
quantified selbri: convert 2 to cardinal selbri; x1 is a set with the pair of members x2

remoi– is second among
quantified selbri: convert 2 to ordinal selbri; x1 is second among x2 ordered by rule x3

renomei– is a score
quantifier selbri: convert 20 to cardinal selbri; x1 is a set with the score of members x2

romoi– is last among
quantified selbri: is final among; convert all to ordinal selbri; x1 is last among x2, rule x3

so'imei– is a bunch
quantified selbri: convert many to cardinal; x1 is a set with many members x2 of total set x3

somoi– is ninth among
quantified selbri: convert 9 to ordinal selbri; x1 is ninth among x2 ordered by rule x3

su'oremei– is plural
quantified selbri: convert at least 2 to cardinal selbri; x1 is a set with plural membership x2

su'oremoi– is at least second
quantified selbri: convert at least 2 to ordinal selbri; x1 is at-least-2nd among x2 by rule x3

vomoi– is fourth among
quantified selbri: convert 4 to ordinal selbri; x1 is fourth among x2 ordered by rule x3

xamoi– is sixth among
quantified selbri: convert 6 to ordinal selbri; x1 is sixth among x2 ordered by rule x3

zemoi– is seventh among
quantified selbri: convert 7 to ordinal selbri; x1 is seventh among x2 ordered by rule x3

MOhE

mo'e– sumti to operand
convert sumti to mex operand;
sample use in story arithmetic: [3 apples] + [3 apples] = what

MOhI

mo'i– space motion
mark motions in space-time

NA

ja'a– bridi affirmer

bridi logical affirmer; scope is an entire bridi

na- bridi negator

bridi contradictory negator; scope is an entire bridi; logically negates in some cmavo compounds

NAI

nai- negate last word

attached to cmavo to negate them; various negation-related meanings

***ja'ai-** affirm last word

affirm last word: attached to cmavo to affirm them; denies negation by nai whenever it is applicable.

NAhE

je'a- scalar affirmer

scalar affirmer; denies scalar negation: Indeed!

na'e- scalar contrary

contrary scalar negator: other than ...; not ...; a scale or set is implied

no'e- scalar midpoint not

midpoint scalar negator: neutral point between je'a and to'e; not really

to'e- polar opposite scalar negator

7

NAhU

na'u- selbri to operator

convert selbri to mex operator; used to create less-used operators using le'avla, lujvo, etc.

NiHE

ni'e- selbri to operand

convert selbri to mex operand; used to create new non-numerical quantifiers; e.g. herd of oxen

NiHO

ni'o- new topic

discursive: paragraph break; introduce new topic

no'i- old topic

discursive: paragraph break; resume previous topic

NOI

noi- incidental clause

non-restrictive relative clause; attaches subordinate bridi with incidental information

poi- restrictive clause

restrictive relative clause; attaches subordinate bridi with identifying information to a sumti

voi- descriptive clause

non-veridical restrictive clause used to form complicated le-like descriptions using ke'a

NU

du'u- bridi abstract

abstractor: predication/bridi
abstractor; x1 is predication [bridi]
expressed in sentence x2

jei- truth abstract

abstractor: truth-value abstractor;
x1 is truth value of [bridi] under
epistemology/metaphysics x2

ka- property abstract

abstractor: property/quality
abstractor (-ness); x1 is
quality/property exhibited by
[bridi]

li'i- experience abstract

abstractor: experience abstractor;
x1 is x2's experience of [bridi]
(participant or observer)

ni- amount abstract

abstractor: quantity/amount
abstractor; x1 is quantity/amount
of [bridi] measured on scale x2

nu- event abstract

abstractor: generalized event
abstractor; x1 is
state/process/achievement/activity
of [bridi]

si'o- concept abstract

abstractor: idea/concept
abstractor; x1 is x2's concept of
[bridi]

su'u- unspecif abstract

abstractor: generalized abstractor
(how); x1 is [bridi] as a non-specific
abstraction of type x2

NU*

sedu'u- sentence abstract

compound abstractor:
sentence/equation abstract; x1 is
text expressing [bridi] which is x2

NU1

mu'e- point-event abstract

abstractor: achievement (event)
abstractor; x1 is the event-as-a-
point/achievement of [bridi]

pu'u- process abstract

abstractor: process (event)
abstractor; x1 is process of [bridi]
proceeding in stages x2

za'i- state abstract

abstractor: state (event)
abstractor; x1 is continuous state
of [bridi] being true

zu'o- activity abstract

abstractor: activity (event)
abstractor; x1 is abstract activity of
[bridi] composed of x2

NUhA

nu'a- operator to selbri
convert mathematical expression
(mex) operator to a selbri/tanru
component

NUhi

nu'i– start fore termset
start forethought termset
construct; marks start of place
structure set with logical
connection

NUhU

nu'u– end fore termset
elidable terminator: end
forethought termset; usually
elidable except with following
sumti

PA*

biki'o– 8,000
number/quantity: 8,000 expressed
with comma

binu– 80
number/quantity: 80 [eighty]

binono– 800
number/quantity: 800 [eight
hundred]

binonovo– 8004
number/quantity: 8004, without
comma

ciki'o– 3,000
number/quantity: 3,000 expressed
with comma

cino– 30
number/quantity: 30 [thirty]

cinono– 300

number/quantity: 300 [three
hundred]

ji'ima'u– rounded up
rounded up (appended after string
of digits indicating a rounded
value)

ji'ini'u– rounded down
rounded down (appended after
string of digits indicating a rounded
value)

muki'o– 5,000
number/quantity: 5,000 expressed
with comma

muno– 50
number/quantity: 50 [fifty]

munono– 500
number/quantity: 500 [five
hundred]

pabi– 18
number/quantity: 18 [eighteen]

paci– 13
number/quantity: 13 [thirteen]

paki'o– 1,000
number/quantity: 1,000 expressed
with comma

pamu– 15
number/quantity: 15 [fifteen]

pano– 10

number/quantity: 10 [ten]

panono– 100

number/quantity: 100 [one hundred]

papa– 11

number/quantity: 11 [eleven]

pare– 12

number/quantity: 12 [twelve]

paso– 19

number/quantity: 19 [nineteen]

pavo– 14

number/quantity: 14 [fourteen]

paxa– 16

number/quantity: 16 [sixteen]

paze– 17

number/quantity: 17 [seventeen]

pidu'e– too much of

number: too much of

piji'i– approximately all of

number: approximately all of

pimo'a– too little of

number: too little of

piro– all of

number: all of

piso'a– almost all of

number: almost all of

piso'i– much of

number: much of

piso'u– a little of

number: a little of

pisu'o– at least some of

number: at least some of

reki'o– 2,000

number/quantity: 2,000 expressed with comma

reno– 20

number/quantity: 20 [twenty]

renono– 200

number/quantity: 200 [two hundred]

soki'o– 9,000

number/quantity: 9,000 expressed with comma

sono– 90

number/quantity: 90 [ninety]

sonono– 900

number/quantity: 900 [nine hundred]

sosoc'e'i– 99 percent

number/quantity: 99% (number)

sozepimu– 97.5

number/quantity: 97.5

voki'o– 4,000
number/quantity: 4,000 expressed
with comma

vono– 40
number/quantity: 40 [forty]

vonono– 400
number/quantity: 400 [four
hundred]

xaki'o– 6,000
number/quantity: 6,000 expressed
with comma

xano– 60
number/quantity: 60 [sixty]

xanono– 600
number/quantity: 600 [six
hundred]

xavoki'o– 64,000
number/quantity: 64,000
expressed with comma

zeki'o– 7,000
number/quantity: 7,000 expressed
with comma

zeno– 70
number/quantity: 70 [seventy]

zenono– 700
number/quantity: 700 [seven
hundred]

PA1

bi– 8
digit/number: 8 (digit) [eight]

ci– 3
digit/number: 3 (digit) [three]

mu– 5
digit/number: 5 (digit) [five]

no– 0
digit/number: 0 (digit) [zero,
nothing (= nomei, but also nozu'i)]

pa– 1
digit/number: 1 (digit) [one]

re– 2
digit/number: 2 (digit) [two]

so– 9
digit/number: 9 (digit) [nine]

vo– 4
digit/number: 4 (digit) [four]

xa– 6
digit/number: 6 (digit) [six]

ze– 7
digit/number: 7 (digit) [seven]

PA2
dau– hex digit A
digit/number: hex digit A (decimal
10) [ten]

fei– hex digit B

digit/number: hex digit B (decimal 11) [eleven]

gai- hex digit C

digit/number: hex digit C (decimal 12) [twelve]

jau- hex digit D

digit/number: hex digit D (decimal 13) [thirteen]

rei- hex digit E

digit/number: hex digit E (decimal 14) [fourteen]

vai- hex digit F

digit/number: hex digit F (decimal 15) [fifteen]

***xei-** digit/number: hex digit E (decimal 14) [fourteen] Used as an alternative to rei to avoid confusion with re.

PA3

ce'i- percent

digit/number: % percentage symbol, hundredths

fi'u- fraction slash

digit/number: fraction slash;
default /n => 1/n, n/ => n/1, or /
alone => golden ratio

ki'o- number comma

digit/number: number comma;
thousands

ma'u- positive number

digit/number: plus sign; positive number; default any positive

me'i- less than

digit/number: less than

ni'u- negative number

digit/number: minus sign; negative number); default any negative

pi- decimal point

digit/number: radix (number base) point; default decimal

pi'e- digit separator

digit/number: separates digits for base >16, not current standard, or variable (e.g. time, date)

ra'e- repeating decimal

digit/number: repeating digits (of a decimal) follow

za'u- greater than

digit/number: greater than

PA4

da'a- all except

digit/number: all except n; all but n; default 1

du'e- too many

digit/number: too many; subjective

ji'i- approximately

digit/number: approximately
(default the typical value in this
context) (number)

mo'a– too few

digit/number: too few; subjective

rau– enough

digit/number: enough; subjective

ro– each

digit/number: each, all

so'a– almost all

digit/number: almost all
(digit/number)

so'e– most

digit/number: most

so'i– many

digit/number: many

so'o– several

digit/number: several

so'u– few

digit/number: few

su'e– at most

digit/number: at most (all); no
more than

su'o– at least

digit/number: at least (some); no
less than

PAS

ci'i– infinity

digit/number: infinity; followed by
digits => aleph cardinality

ka'o– imaginary i

digit/number: imaginary i; square
root of -1

no'o– typical value

digit/number: typical/average
value

pai– pi

digit/number: pi (approximately
3.1416...)

te'o– exponential e

digit/number: exponential e
(approx 2.71828...)

tu'o– null operand

digit/number: null operand (used in
unary operations); a non-
specific/elliptical number

xo– number ?

digit/number: number/digit/lerfu
question

PEH

pe'e– termset conn mark
marks the following connective as
joining termsets

PEhO

pe'o– fore mex operator

forethought flag for mathematical expression (mex) Polish (forethought) operator

PU

ba- after

time tense relation/direction: will [selbri]; after [sumti]; default future tense

ca- during

time tense relation/direction: is [selbri]; during/simultaneous with [sumti]; present tense

pu- before

time tense relation/direction: did [selbri]; before/prior to [sumti]; default past tense

PU*

baba- will be going to

time tense: will be going to; (tense/modal)

baca'a- will actually

time tense: future actuality; modal aspect

bapu- will have been

time tense: will have been; (tense/modal)

caca'a- currently is

time tense: present actuality; modal aspect

cajeba- during and after

time tense: during and after; (tense/modal)

puba- was going to

time tense: was going to; (tense/modal)

puca'a- actually was

time tense: past actuality; modal aspect

pujeba- before and after

time tense: before and after; (tense/modal)

pujeca- before and during

time tense: before and during; (tense/modal)

pupu- had earlier been

time tense: had earlier been; (tense/modal)

puza- a medium time before

time tense: a medium time before; (tense/modal)

puze'a- for a period in past

time tense: for a medium length interval some time in the past; (tense/modal)

puze'i- for a moment in past

time tense: for a short interval some time in the past; (tense/modal)

puze'u- for an era in past

time tense: for a long interval some time in the past; (tense/modal)

puzi– a short time before
time tense: a short time before;
(tense/modal)

puzu– a long time before
time tense: a long time before;
(tense/modal)

RAhO

ra'o– pro-assign update
flag GOhA to indicate pro-assignment context updating for all pro-assigns in referenced bridi

ROI

***ba'oi**– possible future
Converts PA into tense; in [number (usually nonspecific)] possible futures where [sumti (du'u)] is true

***mu'ei**– alternate history
Converts PA into tense; in [number (usually nonspecific)] possible worlds/alternate histories where [sumti (du'u)] is true.

re'u– ordinal tense
converts number to an objectively quantified ordinal tense interval modifier; defaults to time

roi– quantified tense
converts number to an objectively quantified tense interval modifier; defaults to time tense

ROI*

ci'iroi– infinite times
tense interval modifier: occurs infinite times, eternally; objective tense; defaults as time

ciroi– thrice
tense interval modifier: thrice; objectively quantified tense; defaults as time tense

du'eroi– too many times
tense interval modifier: too many times objective tense, defaults as time tense

fe'enoroi– nowhere
location tense interval modifier: never in space; objectively quantified tense

fe'eroroi– everywhere
location tense interval modifier: always in space; objectively quantified tense

mo'aroi– too few times
tense interval modifier: too few times; objective tense; defaults as time tense

noroi– never
tense interval modifier: never; objectively quantified tense; defaults as time tense

paroi– once

tense interval modifier: once;
objectively quantified tense;
defaults as time tense

pi*so'*iroi– much of the time
tense interval modifier: often;
objectively quantified tense;
defaults as time tense

pi*so'*uroi– rarely
tense interval modifier: rarely;
objectively quantified tense;
defaults as time tense

re*ro*i– twice
tense interval modifier; objectively
quantified tense; defaults as time
tense

ro*ro*i– always
tense interval modifier: always;
objectively quantified tense;
defaults as time tense

so'*ero*i– usually
tense interval modifier: usually;
objectively quantified tense;
defaults as time tense

so'*iro*i– many times
tense interval modifier: many
times; objective tense; defaults as
time tense

so'*uro*i– a few times
tense interval modifier: a few
times; objective tense; defaults as
time tense

ROI/NA

***xoi**– fuzzy logic
emph{1.} to the degree of...When
prefixed by a number, turns the
number into a selbri that expresses
some truth value between zero and
one, inclusive. emph{2.} it may or
may not be the case that ...

SA

sa– erase utterance
erase complete or partial
utterance; next word shows how
much erasing to do

SAhAI

***sa'ai**– mistake replace
start quote of replacement for
recent mistakenly uttered text

SE

se– 2nd conversion
2nd conversion; switch 1st/2nd
places

te– 3rd conversion

3rd conversion; switch 1st/3rd
places

ve– 4th conversion

4th conversion; switch 1st/4th
places

xe– 5th conversion

5th conversion; switch 1st/5th
places

SE*

jaica– time conversion

convert time tense (tagged) place to 1st place; 1st place moves to extra place (fai)

jaigau– agent conversion

makes x1 the agent of a bridi; old 1st place moves to extra place (fai)

jaivi– location conversion

convert location tense (tagged) place to 1st place; 1st place moves to extra place (fai)

SEI

sei– discursive bridi

start discursive (metalinguistic) bridi

ti'o– mex precedence

mathematical expression (mex) operator precedence (discursive)

SEHU

se'u– end discursive

elidable terminator: end discursive bridi or mathematical precedence; usually elidable

SI

si– erase word

erase the last Lojban word, treating non-Lojban text as a single word

SOI

soi– reciprocal sumti

discursive: reciprocal sumti marker; indicates a reciprocal relationship between sumti

SU

su– erase discourse

erase to start of discourse or text; drop subject or start over

TAhE

di'i– regularly

tense interval modifier: regularly; subjective tense/modal; defaults as time tense

na'o– typically

tense interval modifier: characteristically/typically; tense/modal; defaults as time tense

ru'i– continuously

tense interval modifier: continuously; subjective tense/modal; defaults as time tense

ta'e– habitually

tense interval modifier: habitually; subjective tense/modal; defaults as time tense

TAhE*

di'inai– irregularly

tense interval modifier: irregularly/aperiodically; tense/modal; defaults as time tense

na'onai– atypically
tense interval modifier: atypically;
subjective tense/modal; defaults as
time tense

ru'inai– occasionally
tense interval modifier:
occasional/intermittent/discontin-
uous; defaults as time tense

ta'enai– non-habitually
tense interval modifier: non-
habitually; subjective tense/modal;
defaults as time tense

TEI
tei– composite lerfu
composite letteral follows; used for
multi-character letterals

TEHu
te'u– end mex converters
elidable terminator: end
conversion between non-mex and
mex; usually elidable

TO
to– start parenthesis
left parenthesis; start of
parenthetical note which must be
grammatical Lojban text

to'i– editorial unquote
open editorial unquote (within a
quote); contains grammatical text;
mark with editorial insert

TOI
toi– end parenthesis
elidable terminator: right
parenthesis/end unquote; seldom
elidable except at end of text

TUHe
tu'e– start text scope
start of multiple utterance scope;
used for logical/non-logical/ordinal
joining of sentences

TUHu
tu'u– end text scope
elidable terminator: end multiple
utterance scope; seldom elidable

UI*1
a'acu'i– inattentive
attitudinal: attentive – inattentive –
avoiding

a'anai– avoiding
attitudinal: attentive – inattentive –
avoiding

a'enai– exhaustion
attitudinal: alertness – exhaustion

a'icu'i– no special effort
attitudinal: effort – no special
effort – repose

a'inai– repose
attitudinal: effort – no special
effort – repose

a'onai– despair

attitudinal: hope – despair

a'ucu'i– disinterest

attitudinal: interest – disinterest –
repulsion

a'unai– repulsion

attitudinal: interest – disinterest –
repulsion

aicu'i– indecision

attitudinal: intent – indecision –
rejection/refusal

ainai– refusal

attitudinal: intent – indecision –
rejection/refusal

aucu'i– indifference

attitudinal: desire – indifference –
reluctance

aunai– reluctance

attitudinal: desire – indifference –
reluctance

e'anai– prohibition

attitudinal: permission –
prohibition

e'enai– incompetence

attitudinal: competence –
incompetence/inability

e'icu'i– independence

attitudinal: feeling constraint –
independence –

challenge/resistance against
constraint

e'inai– challenge

attitudinal: feeling constraint –
independence –
challenge/resistance against
constraint

e'onai– negative request

attitudinal: request – negative
request

e'ucu'i– abandon suggestion

attitudinal: suggestion – abandon
suggest – warning

e'unai– warning

attitudinal: suggestion – abandon
suggest – warning

einai– freedom

attitudinal: obligation – freedom

i'anai– blame

attitudinal: acceptance – blame

i'ecu'i– non-approval

attitudinal: approval – non-
approval – disapproval

i'enai– disapproval

attitudinal: approval – non-
approval – disapproval

i'inai– privacy

attitudinal: togetherness – privacy

i'onai– envy

attitudinal: appreciation – envy

i'unai– mystery

attitudinal: familiarity – mystery

iacu'i– skepticism

attitudinal: belief – skepticism –
disbelief

ianai– disbelief

attitudinal: belief – skepticism –
disbelief

ienai– disagreement

attitudinal: agreement –
disagreement

iinai– security

attitudinal: fear – security

ionai– disrespect

attitudinal: respect – disrespect

iucu'i– no love lost

attitudinal: love – no love lost –
hatred

iunai– hatred

attitudinal: love – no love lost –
hatred

o'acu'i– modesty

attitudinal: pride –
modesty/humility – shame

o'anai– shame

attitudinal: pride –

modesty/humility – shame

o'enai– distance

attitudinal: closeness – distance

o'inai– rashness

attitudinal: caution – rashness

o'ocu'i– mere tolerance

attitudinal: patience – mere
tolerance – anger

o'onai– anger

attitudinal: patience – mere
tolerance – anger

o'ucu'i– composure

attitudinal: relaxation – composure
– stress

o'unai– stress

attitudinal: relaxation – composure
– stress

oinai– pleasure

attitudinal: complaint – pleasure

oire'e– spiritual complaint

attitudinal: spiritual/religious
complaint

oiro'a– embarrassment

attitudinal: social complaint

oiro'e– puzzlement

attitudinal: mental complaint
(puzzlement, excess mental work)

oiro'i– anxiety
attitudinal: emotional complaint

oiro'o– physical pain
attitudinal: physical complaint

oiro'u– sexual complaint
attitudinal: sexual complaint

u'anai– loss
attitudinal: gain – loss

u'enai– commonplace
attitudinal: wonder –
commonplace

u'inai– weariness
attitudinal: amusement –
weariness

u'ocu'i– timidity
attitudinal: courage – timidity –
cowardice

u'onai– cowardice
attitudinal: courage – timidity –
cowardice

u'ucu'i– lack of regret
attitudinal: repentance – lack of
regret – innocence

u'unai– innocence
attitudinal: repentance – lack of
regret – innocence

uanai– confusion

attitudinal: discovery –
confusion/searching

uecu'i– not very surprised
attitudinal: surprise – not really
surprised – expectation axis

uenai– expectation
attitudinal: surprise – expectation

uepei– surprised?
attitudinal: surprise question

uinai– unhappiness
attitudinal: happiness –
unhappiness

uonai– incompleteness
attitudinal: completion –
incompleteness

uunai– cruelty
attitudinal: pity – cruelty

UI*2

ba'acu'i– I experience
evidential: I expect – I experience –
I remember

ba'anai– I remember
evidential: I expect – I experience –
I remember

su'anai– I particularize
evidential: I generalize – I
particularize; discursive: abstractly
– concretely

UI*3

ba'ucu'i– accuracy

discursive: exaggeration – accuracy
– understatement

ba'unai– understatement

discursive: exaggeration – accuracy
– understatement

bi'unai– old information

discursive: newly introduced
information – previously
introduced information

da'inai– in fact

discursive: supposing – in fact

do'anai– parsimoniously

discursive: generously –
parsimoniously

***fu'au**– luckily

discursive: luckily – not pertaining
to luck – unluckily.

je'unai– falsity

discursive: truth – falsity

ke'unai– continuing

discursive: repeating – continuing

la'anai– improbability

discursive: probability –
improbability

li'anai– obscurely

discursive: clearly – obscurely

mu'acu'i– omitting examples

discursive: for example – omitting –
end examples

mu'anai– concluding examples

discursive: for example – omitting –
end examples

pa'enai– prejudice

discursive: justice – prejudice

paunai– rhetorical question

discursive: unreal/rhetorical
question follows

ra'ucu'i– equally

discursive: chiefly – equally –
incidentally

ra'unai– incidentally

discursive: chiefly – equally –
incidentally

sa'enai– loosely speaking

discursive: precisely speaking –
loosely speaking

sa'unai– elaborating

discursive: simply – elaborating

ta'onai– return to main point

discursive: by the way – returning
to main point

to'unai– in detail

discursive: in brief – in detail

va'inai– in the same words

discursive: in other words – in the same words

zu'unai– on the other hand
discursive: on the one hand – on the other hand

UI*3a

ta'unai– expanding the tanru
discursive: making a tanru – expanding the tanru

UI*4

re'enai– sacrilege
emotion category/modifier: spiritual/worship – sacrilege

ro'anai– antisocial
emotion category/modifier: social – antisocial

ro'enai– mindless
emotion category/modifier: mental – mindless

ro'inai– denying emotion
emotion category/modifier: emotional – denying emotion

ro'onai– denying physical
emotion category/modifier: physical – denying physical

ro'unai– sexual abstinence
emotion category/modifier: sexual – sexual abstinence

UI*5

be'ucu'i– presence
attitudinal modifier: lack/need – presence/satisfaction – satiation

be'unai– satiation
attitudinal modifier: lack/need – presence/satisfaction – satiation

fu'inai– difficult
attitudinal modifier: easy – difficult

ga'icu'i– equal rank
attitudinal modifier/honorific: hauteur – equal rank – meekness; used with one of equal rank

ga'inai– meekness
attitudinal modifier/honorific: hauteur – equal rank – meekness; used with one of higher rank

ju'ocai– quite certain
attitudinal modifier: intense certainty

ju'ocu'i– uncertainty
attitudinal modifier: certainty – uncertainty – impossibility

ju'onai– impossibility
attitudinal modifier: certainty – uncertainty – impossibility

le'ocu'i– passive
attitudinal modifier: aggressive – passive – defensive

le'onai– defensive

attitudinal modifier: aggressive –
passive – defensive

ri'enai– restraint of emotion
attitudinal modifier: release of
emotion – emotion restraint

se'anai– dependency
attitudinal modifier: self-sufficiency
– dependency

se'inai– other-oriented
attitudinal modifier: self-oriented –
other-oriented

vu'enai– sin
attitudinal modifier: virtue – sin

zo'ocu'i– dully
attitudinal modifier: humorously –
dully – seriously

zo'onai– seriously
attitudinal modifier: humorously –
dully – seriously

UI*6

ju'opei– how certain?
attitudinal: certainty question

ki'anai– understanding
non-question: understanding of
something said

UI*7

bu'ocu'i– continue emotion
attitudinal contour: start emotion –
continue emotion – end emotion

bu'onai– end emotion
attitudinal contour: start emotion –
continue emotion – end emotion

UI1

a'a– attentive
attitudinal: attentive – inattentive –
avoiding

a'e– alertness
attitudinal: alertness – exhaustion

a'i– effort
attitudinal: effort – no special
effort – repose

a'o– hope
attitudinal: hope – despair

a'u– interest
attitudinal: interest – disinterest –
repulsion

ai– intent
attitudinal: intent – indecision –
rejection/refusal

au– desire
attitudinal: desire – indifference –
reluctance

e'a– permission
attitudinal: granting permission –
prohibiting

e'e– competence

attitudinal: competence –
incompetence/inability

e'i– constraint

attitudinal: feeling constraint –
independence –
challenge/resistance against
constraint

e'o– request

attitudinal: request – negative
request

e'u– suggestion

attitudinal: suggestion – abandon
suggest – warning

ei– obligation

attitudinal: obligation – freedom

i'a– acceptance

attitudinal: acceptance – blame

i'e– approval

attitudinal: approval – non-
approval – disapproval

i'i– togetherness

attitudinal: togetherness – privacy

i'o– appreciation

attitudinal: appreciation – envy

i'u– familiarity

attitudinal: familiarity – mystery

ia– belief

attitudinal: belief – skepticism –
disbelief

ie– agreement

attitudinal: agreement –
disagreement

ii– fear

attitudinal: fear – security

io– respect

attitudinal: respect – disrespect

iu– love

attitudinal: love – no love lost –
hatred

o'a– pride

attitudinal: pride –
modesty/humility – shame

o'e– closeness

attitudinal: closeness – distance

o'i– caution

attitudinal: caution – rashness

o'o– patience

attitudinal: patience – mere
tolerance – anger

o'u– relaxation

attitudinal: relaxation – composure
– stress

oi– complaint

attitudinal: complaint – pleasure

u'a– gain

attitudinal: gain – loss

u'e– wonder

attitudinal: wonder –

commonplace

u'i– amusement

attitudinal: amusement –

weariness

u'o– courage

attitudinal: courage – timidity –

cowardice

u'u– repentance

attitudinal: repentance – lack of

regret – innocence

ua– discovery

attitudinal: discovery –

confusion/searching

ue– surprise

attitudinal: surprise – not really

surprised – expectation

ui– happiness

attitudinal: happiness –

unhappiness

uo– completion

attitudinal: completion –

incompleteness

uu– pity

attitudinal: pity – cruelty

UI2

ba'a– I anticipate

evidential: I expect – I experience –

I remember

ca'e– I define

evidential: I define

ja'o– I conclude

evidential: I conclude

ju'a– I state

evidential: I state – (default)

elliptical/non-specific basis

ka'u– I know culturally

evidential: I know by cultural

means (myth or custom)

pe'i– I opine

evidential: I opine (subjective

claim)

ru'a– I postulate

evidential: I postulate

se'o– I know internally

evidential: I know by internal

experience (dream, vision, or

personal revelation)

su'a– I generalize

evidential: I generalize – I

particularize; discursive: abstractly

– concretely

ti'e– I hear

evidential: I hear (hearsay)

za'a– I observe
evidential: I observe

UI3

ba'u– exaggeration
discursive: exaggeration – accuracy
– understatement

da'i– supposing
discursive: supposing – in fact

do'a– generously
discursive: generously –
parsimoniously

je'u– truth
discursive: truth – falsity

ke'u– repeating
discursive: repeating – continuing

la'a– probability
discursive: probability –
improbability

li'a– clearly
discursive: clearly – obscurely

mu'a– for example
discursive: for example – omitting –
end examples

pa'e– justice
discursive: justice – prejudice

ra'u– chiefly

discursive: chiefly – equally –
incidentally

sa'e– precisely speaking
discursive: precisely speaking –
loosely speaking

sa'u– simply speaking
discursive: simply – elaborating

ta'o– by the way
discursive: by the way – returning
to main point

to'u– in brief
discursive: in brief – in detail

va'i– in other words
discursive: in other words – in the
same words

zu'u– on the one hand
discursive: on the one hand – on
the other hand

UI3a

bi'u– new information
discursive: newly introduced
information – previously
introduced information

jo'a– metalinguistic yes
discursive: metalinguistic affirmer

kau– indirect question
discursive: marks word serving as
focus of indirect question: I know
WHO went to the store

li'o– omitted text
discursive: omitted text (quoted material)

na'i– metalinguistic not
discursive: metalinguistic negator

pau– question follows
discursive: optional question premarker

sa'a– editorial insertion
discursive: material inserted by editor/narrator (bracketed text)

ta'u– making a tanru
discursive: making a tanru – expanding the tanru

UI3b
ji'a– in addition
discursive: additionally

ku'i– however
discursive: however/but/in contrast

mi'u– ditto
discursive: ditto

po'o– uniquely
discursive: uniquely, only, solely: the only relevant case

si'a– similarly
discursive: similarly

UI3c
pe'a– figurative
marks a construct as figurative (non-literal/metaphorical) speech/text

UI4
re'e– spiritual
emotion category/modifier: religious/spiritual/worship – sacrilege

ro'a– social
emotion category/modifier: social – antisocial

ro'e– mental
emotion category/modifier: mental – mindless

ro'i– emotional
emotion category/modifier: emotional – denying emotion

ro'o– physical
emotion category/modifier: physical – denying physical

ro'u– sexual
emotion category/modifier: sexual – sexual abstinence

UI5
be'u– lack
attitudinal modifier: lack/need – presence/satisfaction – satiation

dai– empathy

attitudinal modifier: marks
empathetic use of preceding
attitudinal; shows another's
feelings

fu'i– easy

attitudinal modifier: easy – difficult

ga'i– hauteur

attitudinal modifier/honorific:

hauteur – equal rank – meekness;

used with one of lower rank

ju'o– certainty

attitudinal modifier: certainty –

uncertainty – impossibility

le'o– aggressive

attitudinal modifier: aggressive –

passive – defensive

ri'e– release of emotion

attitudinal modifier: release of

emotion – emotion restraint

se'a– self-sufficiency

attitudinal modifier: self-sufficiency

– dependency

se'i– self-oriented

attitudinal modifier: self-oriented –

other-oriented

vu'e– virtue

attitudinal modifier: virtue – sin

zo'o– humorously

attitudinal modifier: humorously –
dully – seriously

UI6

ge'e– unspecif emotion

attitudinal:

elliptical/unspecified/non-specific

emotion; no particular feeling

ki'a– textual confusion

attitudinal question: confusion

about something said

xu– true-false ?

discursive: true-false question

UI7

bu'o– start emotion

attitudinal contour: start emotion –

continue emotion – end emotion

VA

va– there at

location tense distance: near to ... ;

there at ...; a medium/small

distance from ...

vi– here at

location tense distance: here at ... ;

at or a very short/tiny distance

from ...

vu– yonder at

location tense distance: far from ...

; yonder at ... ; a long distance from

...

VAU

vau– end simple bridi
elidable: end of sumti in simple
bridi; in compound bridi, separates
common trailing sumti

VEI

vei– left bracket
left mathematical bracket

VEhA

ve'a– small space interval
location tense interval: a
small/medium region of space

ve'e– whole space interval
location tense interval: the whole
of space

ve'i– tiny space interval
location tense interval: a tiny
region of space

ve'u– big space interval
location tense interval: a large
region of space

VEhO

ve'o– right bracket
right mathematical bracket

VIhA

vi'a– 2-space interval
dimensionality of space interval
tense: 2-space interval; throughout
an area

vi'e– 4-space interval

dimensionality of space interval
tense: 4-space interval; throughout
a spacetime

vi'i– 1-space interval

dimensionality of space interval
tense: 1-space interval; along a line

vi'u– 3-space interval

dimensionality of space interval
tense: 3-space interval; throughout
a space

VUhO

vu'o– long scope relative
joins relative clause/phrase to
complete complex or logically
connected sumti in afterthought

VUhUO

fu'u– unspecif operator
n-ary mathematical operator:
elliptical/unspecified mathematical
expression (mex) operator

ge'a– null operator

mathematical operator: null
mathematical expression (mex)
operator (used in >2-ary ops)

VUhU1

fe'i– divided by
n-ary mathematical operator:
divided by; division operator; [((a /
b) / c) / ...]]

pi'i– times

n-ary mathematical operator:
times; multiplication operator; [(((a * b) * c) * ...)]

su'i- plus

n-ary mathematical operator: plus;
addition operator; [(((a + b) + c) + ...)]

vu'u- minus

n-ary mathematical operator:
minus; subtraction operator; [(((a - b) - c) - ...)]

VUHu2

fa'i- reciprocal of

unary mathematical operator:
reciprocal; multiplicative inverse;
[1/a]

gei- exponential notation

trinary mathematical operator:
order of magnitude/value/base; [b * (c to the a power)]

ju'u- number base

binary mathematical operator:
number base; [a interpreted in the base b]

pa'i- ratio

binary mathematical operator:
ratio; [the ratio of a to b]

te'a- to the power

binary mathematical operator: to the power; exponential; [a to the b power]

VUHu3

cu'a- absolute value

unary mathematical operator:
absolute value/norm |a|

de'o- logarithm

binary mathematical operator:
logarithm; [log/ln a to base b];
default base 10 or e

fe'a- nth root of

binary mathematical operator: nth root of; inverse power [a to the 1/b power]

ne'o- factorial

unary mathematical operator:
factorial; a!

va'a- additive inverse

unary mathematical operator:
additive inverse; [- a]

VUHu4

pi'a- matrix of rows

n-ary mathematical operator:
operands are vectors to be treated as matrix rows

re'a- transpose

unary mathematical operator:
matrix transpose/dual; A*

ri'o- integral

trinary mathematical operator:
[integral of a with respect to b over range c]

sa'i- matrix of columns
n-ary mathematical operator:
operands are vectors to be treated
as matrix columns

sa'o- derivative
trinary mathematical operator:
[derivative of a with respect to b of
degree c]

si'i- sigma summation
trinary mathematical operator:
[sigma summation of a using
variable b over range c]

XI

xi- subscript
subscript; attaches a number of
letteral string following as a
subscript onto grammar structures

Y

y- hesitation
hesitation noise; maintains the
floor while speaker decides what to
say next

ZAhO

ba'o- perfective
interval event contour: in the
aftermath of ...; since ...; perfective

ca'o- continuative
interval event contour: during ...;
continuative

co'a- initiative

interval event contour: at the
starting point of ...; initiative

co'i- achievative
interval event contour: at the
instantaneous point of ...;
achievative; point event

co'u- cessative
interval event contour: at the
ending point of ... even if not done;
cessative

de'a- pausative
event contour for a temporary halt
and ensuing pause in a process

di'a- resumptive
event contour for resumption of a
paused process

mo'u- completive
interval event contour: at the
natural ending point of ...;
completive

pu'o- anticipative
interval event contour: in
anticipation of ...; until ... ;
inchoative

***xa'o-** subfective
opposite of za'o . Event contour:
refers to the portion of the event
which occurs before the natural
beginning; starting too early before
...; <----.

za'o– superfective

interval event contour: continuing
too long after natural end of ...;
superfective |

ZAhO*

ba'ca'o– will be then

time tense: will be then;
(tense/modal)

ca'ba'o– has been

time tense: has been, is now in the
aftermath of; (tense/modal)

ca'ca'o– is now

time tense: is now/simultaneously,
is now in the middle of;
(tense/modal)

ca'pu'o– is going to

time tense: is going to, is now just
about to, is now anticipating;
(tense/modal)

fe'eba'o– beyond

location event contour tense:
perfective in space; beyond the
place of ...

fe'eca'o– throughout

location event contour tense:
continuative in space; throughout
the place of ...

fe'eco'a– on this edge of

location event contour tense:
initiative in space; on this edge of
...

fe'eco'i– at the point of

location event contour tense:
achievable in space; at the point of
...

fe'emo'u– at the far end of

location event contour tense:
completive in space; at the far end
of ...

fe'epu'o– up to the edge of

location event contour tense:
anticipative in space; up to the
edge of ...

fe'eza'o– continuing too far

location event contour tense:
superfective in space; continuing
too far beyond ...

pu'ca'o– was then

time tense: was then;
(tense/modal)

ZEI

zei– lujvo glue

joins preceding and following
words into a lujvo

ZEhA

ze'a– medium time interval

time tense interval: a medium
length of time

***ze'ai**– unspecific time interval

time tense interval: an unspecified
amount of time

ze'e– whole time interval
time tense interval: the whole of
time (rafsi is used to represent any
time interval)

ze'i– short time interval
time tense interval: an
instantaneous/tiny/short amount
of time

ze'u– long time interval
time tense interval: a long amount
of time

ZEHa*

ze'aba– for a while after
time tense: a medium time interval
offset towards the future;
(tense/modal)

ze'aca– for a while during
time tense: a medium time interval
spanning the present;
(tense/modal)

ze'apu– for a while before
time tense: a medium time interval
offset towards the past;
(tense/modal)

ZEHeI

***ze'ei**– nonce cmavo
nonce word with existing grammar.

ZI

za– medium time

time tense distance: medium
distance in time

***za'ai**– unspecific time
time tense distance: an unspecified
distance in time

zi– short time
time tense distance: instantaneous-
to-short distance in time

zu– long time
time tense distance: long distance
in time

ZIhE

zi'e– rel clause joiner
joins relative clauses which apply
to the same sumti

ZO

zo– 1-word quote
quote next word only; quotes a
single Lojban word (not a cmavo
compound or tanru)

ZOI

la'o– the non-Lojban named
delimited non-Lojban name; the
resulting quote sumti is treated as
a name

zoi– non-Lojban quote
delimited non-Lojban quotation;
the result treated as a block of text

ZOhOI

***la'oi**– one-word non-Lojban name

quotes a single non-Lojban word

***me'oi-** non-Lojban brivla

Used as a convenient way to
borrow foreign brivla into Lojban.

***zo'oi-** one-word non-Lojban

quote

quote next non-Lojban word only;

zOhU

zo'u- end prenex

marks end of logical prenex

quantifiers/topic identification and

start of sentence bridj

English to Lojban Dictionary

Cmavo/Gismu English Order List

***English term**– Lojban term

&– joibu

'– y'y

.001– milti

.01– centi

.1– decti

0– no

1– pa

1,000– paki'o

1-space interval– vi'i

1-word quote– zo

10– dekto

10– pano

100– panono

100– xecto

1000– kilto

11– papa

12– pare

13– paci

14– pavo

15– pamu

16– paxa

17– paze

18– pabi

19– paso

1E-12– picti

1E-15– femti

1E-18– xatsi

1E-21– zepti

1E-24– gocti

1E-6– mikri

1E-9– nanvi

1E12– tertio

1E15– petso

1E18– xexso

1E21– zetro

1E24– gotro

1E6– megdo

1E9– gigdo

1st sumti place– fa

2– re

2,000– reki'o

2-space interval– vi'a

20– reno

200– renono

2nd conversion– se

2nd sumti place– fe

3– ci

3,000– ciki'o

3-space interval– vi'u

30– cino

300– cinono

3rd conversion– te

3rd sumti place– fi

4– vo

4,000– voki'o

4-space interval– vi'e

40– vono

400– vonono

4th conversion– ve

4th sumti place– fo

5– mu

5,000– muki'o

50– muno

500– munono

5th conversion– xe

5th sumti place– fu
6– xa
6,000– xaki'o
60– xano
600– xanono
64,000– xavoki'o
7– ze
7,000– zeki'o
70– zeno
700– zenono
8– bi
8,000– biki'o
80– bino
800– binono
8004– binonovo
9– so
9,000– soki'o
90– sono
900– sonono
97.5– sozepimu
99 percent– sosoce'i
African– friko
Algerian– jerxo
American– merko
Antarctican– dzipo
Arabic– xrabo
Arabic shift– jo'o
Argentinian– gento
Asiatic– xazdo
Australian– sralo
Bengali– bengo
Brazilian– brazo
British– brito
Buddhist– budjo
Canadian– kadno
Chinese– jungo
Christian– xriso
Cyrillic shift– ru'o

Egyptian– misro
English– glico
European– ropno
French– fraso
Generic article– *xo'e
German– dotco
Greek– xelso
Greek shift– ge'o
Hebrew– xebro
Hebrew shift– je'o
Hindi– xindo
Hispanic– xispo
I anticipate– ba'a
I conclude– ja'o
I define– ca'e
I experience– ba'acu'i
I generalize– su'a
I hear– ti'e
I know culturally– ka'u
I know internally– se'o
I observe– za'a
I opine– pe'i
I particularize– su'anai
I postulate– ru'a
I remember– ba'anai
I state– ju'a
Indonesian– bindo
Iraqi– rakso
Islamic– muslo
Japanese– ponjo
Jehovist– jegvo
Jordanian– jordo
Latin– latmo
Lebanese– lubno
Libyan– libjo
Lojban shift– lo'a
Lojbanic– lojbo
MEX– meksa

Malay-Indonesian– baxso
Malaysian– meljo
Mexican– mexno
Moroccan– morko
New Zealander– *nuzlo
North American– bemro
Norwegian– *norgo
O You!– doido'u
Pakistani– kisto
Palestinian– filso
Polynesian– polno
Portuguese– porto
Russian– rusko
Sanskrit– srito
Saudi– sadjo
Scottish– skoto
Semitic– semto
Slavic– slovo
South American– ketco
Soviet– softo
Spanish– spano
Syrian– sirxo
Taoist– dadjo
Ukrainian– vukro
Urdu– xurdo
Welsh– *kamro
a– abu
a few times– so'uroi
a little of– piso'u
a long time before– puzu
a medium time before– puza
a short time before– puzi
abandon suggestion– e'ucu'i
abdomen– betfu
able– kakne
above– gapru
above– ga'u
absolute value– cu'a

abstract– sucta
acceptance– i'a
accidental– snuti
according to– du'o
account– janta
accuracy– ba'ucu'i
achievative– co'i
acid– slami
acre– kramu
across– ragve
act– zukte
activity abstract– zu'o
actually is– ca'a
actually was– puca'a
add– jmina
additive inverse– va'a
address– judri
adjacent– lamji
adjacent to– re'o
adjust– stika
adorn– jadni
affair– cuntu
affirm last word– *ja'ai
affix– rafsi
affix compound– lujvo
after– ba
afterthought termset– ce'e
agent conversion– jaigau
aggressive– le'o
agree– tugni
agreement– ie
aided by– si'u
air– vacri
airplane– vinji
alcohol– xalka
alertness– a'e
alien– fange
alkali– jilka

all except– da'a
all of– piro
almost all– so'a
almost all of– piso'a
along– mo'ire'o
alternate history– *mu'ei
alternation– vlna
always– roroi
amount abstract– ni
ampere– xampo
amphibian– banfi
amusement– u'i
amusing– zdile
analyze– lanli
and respectively– fa'u
anger– o'onai
angle– jganu
angry– fengu
anguish– dunku
animal– danlu
annoy– fanza
answer– danfu
ant– manti
anticipative– pu'o
antisocial– ro'anai
anus– ganxo
anxiety– oiro'i
apart– sepli
apparatus– cabra
apple– plise
appreciation– i'o
approaching– mo'izo'i
approval– i'e
approve– zanru
approved by– zau
approving– sezau
approximately– ji'i
approximately all of– piji'i

approximating– mo'ine'a
arch– bargu
are enough– raumei
argue– darlu
argument– sumti
arm– birka
army– jenmi
aromatic chemical– benzo
array– jo'i
arriving at– mo'ifa'a
art– larcu
article– gadri
artifact– rutni
as a category of– sele'a
as a form of– setai
as a limit of– seji'e
as a location of– setu'i
as a method for– seta'i
as a name for– seme'e
as a name used by– teme'e
as a part of– sepa'u
as a relation of– ki'i
as a standard for– sema'i
as agent in doing– segau
as an origin of– sera'i
as boundary of– seko'i
as conditions for– seva'o
as much as– du'i
as said by– cu'u
as said by it-1– cu'u ko'a
as told to– tecu'u
ashamed– ckeji
assert– xusra
assisting– sesi'u
assisting in– tesi'u
associated with site– tu'i
associated with time– ti'u
assume– sruma

at- zvati
at ease- ju'icu'i
at extreme- terai
at least- su'o
at least some of- pisu'o
at locus within range- tedi'o
at most- su'e
at specific locus- sedi'o
at the far end of- fe'emo'u
at the locus of- di'o
at the point of- fe'eco'i
at the same time as- seti'u
atom- ratni
attack- gunta
attention- ju'i
attentive- jundi
attentive- a'a
attract- trina
atypically- na'onai
audacity- darsi
aunt or uncle- famti
authority- catni
automatic- zniku
autumn- critu
avoid- rivbi
avoiding- a'anai
awake- cikna
away from point- to'o
axle- jendu
b- by
bad- xlali
bad programmer- terki
balance- lanxe
balcony- balni
ball- bolci
bamboo- *bambu
banana- badna
bank- banxa

bar- barja
bare- lunbe
barley- bavmi
based on- ji'u
basis- jicmu
basis for authority- teca'i
basket- lanka
bay- zbani
bead- bidju
bean- dembi
bear- cribe
beautiful- melbi
because of cause- ri'a
because of logic- ni'i
because of motive- mu'i
because of reason- ki'u
become- binxo
bed- ckana
bee- bifce
beer- birje
before- pu
before and after- pujeba
before and during- pujeca
beg- pikci
behave- tarti
behind- trixe
behind- ti'a
belief- ia
believe- krici
bell- janbe
below- ni'a
beneath- cnita
benefiting from- va'u
bent- korcu
berry- jbari
between- jbini
beyond- bancu
beyond- fe'eba'o

big– barda
big space interval– ve'u
bird– cipni
bite– batci
bitter– kurki
black– xekri
blade– balre
blame– i'anai
blessing– *di'ai
block– bliku
blood– ciblu
blue– blanu
board– tanbo
boat– bloti
body– xadni
boil– febvi
bomb– jbama
bone– bongu
book– cukta
bordering– tekoi
bordering– te'e
born– jbena
borrow– jbera
bottle– botpi
bounded by– koi
bovine– bakni
box– tanxe
boy– nanla
brain– besna
brake– jabre
branch– jimca
brass– lastu
brave– virnu
bread– nanba
break– porpi
breast– ttru
breathe– vasxu
breeze– brife

bridge– cripu
bridi ?– mo
bridi abstract– du'u
bridi affirmer– ja'a
bridi and– gi'e
bridi but not– gi'enai
bridi conn ?– gi'i
bridi iff– gi'o
bridi negator– na
bridi only if– nagi'a
bridi or– gi'a
bridi whether– gi'u
bridi xor– gi'onai
broad– ganra
broken– spofu
bronze– ransu
brother– bruna
brow– mebri
brown– bunre
brush– burcu
bucket– baktu
buckwheat– xruba
building– dinju
bulb– balji
bundle– bakfu
burn– jelca
bus– *basfa
butter– matne
butterfly– toldi
buttock– zargu
button– batke
by authority of– ca'i
by method– ta'i
by process– pu'e
by rule– ja'i
by rule prescribing– seja'i
by rule within– teja'i
by the way– ta'o

by transport mode– xeka'a
by what logic?– ni'i ma
by what method?– ta'i ma
c– cy
cabbage– kobli
cabin– sabnu
calculate– kanji
camel– kumte
camera– kacma
camp– ginka
can– lante
can and has– pu'i
can but has not– nu'o
canal– naxle
cancel pro-assigns– da'o
cancel shifts– na'a
cancer– kenra
candela– delno
cap– mapku
captain– jatna
capture– kavbu
car– karce
carbon– tabno
card– karda
cardinal selbri– mei
carry– bevri
cart– carce
cassava– samcu
cat– mlatu
causal conditions– teri'a
causal nevertheless– seri'anai
causal therefore– seri'a
cause– rinka
caution– o'i
cavity– kevna
cease– sisti
celebrate– salci
cell– selci

cent– fepni
center-range– mi'i
ceramic– staku
certain– birti
certainty– ju'o
cessative– co'u
chain– linsi
chair– stizu
chalk– bakri
challenge– talsa
challenge– e'inai
chaotic– kalsa
character code– se'e
characterizing– kai
chart– cartu
chase– jersi
cheese– cirla
chemical– xukmi
chest– cutne
chicken– jipci
chiefly– ra'u
child– verba
chlorine– kliru
chocolate– cakla
choose– cuxna
chrome– romge
cigar– sigja
cinema– skina
cite– sitna
citrus– nimre
city– tcadu
class– klesi
claw– jgalu
clay– kliti
clean– jinsa
clear– klina
clearly– li'a
climb– cpare

clock– junla
close-comma– slaka bu
closed– ganlo
closeness– o'e
cloth– bukpu
cloud– dilnu
clumsy– juxre
coal– kolme
coat– kosta
cockroach– jalra
code– mifra
coffee– ckafi
coin– sichi
coincident with– bu'u
cold– lenku
collar– karli
collide– janli
color– skari
column– kamju
comb– komcu
come– klama
comfort– kufra
command– minde
comment– pinka
committee– kamni
common– kampu
commonplace– u'enai
community– cecmu
company– kagni
compare– karbi
compelled by– bai
compelling– sebai
compete– jivna
competence– e'e
complaint– oi
complete– mulno
completion– uo
completive– mo'u

complicated– pluja
composite lerfu– tei
composure– o'ucu'i
computer– skami
concept abstract– si'o
concerning– sera'a
concluding examples– mu'anai
condense– lunsu
cone– konju
confusing– cfipu
confusion– uanai
conifer– ckunu
conjunction– kanxe
connective medial– gi
conscious– sanji
constant– stodi
constraint– e'i
contain– vasru
continuative– ca'o
continue– ranji
continue emotion– bu'ocu'i
continuing– ke'unai
continuing too far– fe'eza'o
continuously– ru'i
contrasting property– tepa'a
control– jitro
controlling aspects– seji'o
controlling event– teji'o
cook– jukpa
copper– tunka
copulate– gletu
copy– fukpi
cord– skori
cork– korka
corner– kojna
correct– drani
costly– kargu
cotton– mapni

cough– kafke
count– kancu
country– gugde
courage– u'o
cousin– tamne
cover– gacri
cowardice– u'onai
crack– fenra
crazy– fenki
cream– kruji
created by– fi'e
created for purpose– tefi'e
created from– vefi'e
creating work– sefi'e
crew– bende
crime– zekri
cross product– pi'u
cruel– kusru
cruelty– uunai
crust– pilka
cry out– krixu
crystal– krili
cube– kubli
cubit– gutci
culture– kulnu
cup– kabri
curious– kucli
current bridi– nei
currently is– caca'a
curse– dapma
curtain– murta
curve– kruvi
cushion– kicne
custom– tcaci
cut– katna
cyan– cicna
cylinder– slanu
d– dy

dance– dansu
dark– manku
data– datni
date– detri
dated– de'i
daughter– tixnu
daytime– donri
dead– morsi
dear– dirba
deceive– tcica
decide– jdice
decimal– saclu
decimal point– pi
decrease– jdika
deep– condi
deer– mirli
defend– bandu
defensive– le'onai
defined by quality– tele'a
delicate– ralci
delicious– kukte
dense– denmi
deny– natfe
deny last bridi– nago'i
denying emotion– ro'inai
denying physical– ro'onai
dependency– se'anai
deputy– vipsi
derivative– sa'o
derogative– mabla
describe– skicu
descriptive clause– voi
desire– au
desire– djica
despair– a'onai
despite cause– ri'anai
despite logic– ni'inai
despite motive– mu'inai

despite reason– ki'unai
destroy– daspo
detail– tcila
develop– farvi
differ– frica
difficult– nandu
difficult– fu'inai
dig– kakpa
digit separator– pi'e
digit/number: hex digit E– *xei
dim– kandi
dimension– cimde
diplomat– jansu
direction– farna
dirt– dertu
disagreement– ienai
disapproval– i'enai
disbelief– ianai
discover– facki
discovery– ua
discursive bridi– sei
discuss– casnu
disgusting– rigni
disinterest– a'ucul'i
disrespect– ionai
dissolve– runta
distance– o'enai
distribute– patri
ditto– mi'u
dive– sfubu
divide– fendi
divided by– fe'i
do– gasnu
doctor– mikce
dog– gerku
dollar– rupnu
donkey– xasli
door– vorme

doubt– senpi
downwardly– mo'ini'a
drain– rinci
drama– draci
drawer– dacru
dream– senva
drink– pinxe
drop– dirgo
drum– damri
dry– sudga
duck– datka
dully– zo'ocu'i
during– ca
during and after– cajeba
dust– pulce
dwell– xabju
e– ebu
each– ro
each respectively– pa'aku
ear– kerlo
earlier bridi– go'u
earlier sumti– ru
earlier utterance– da'u
early– clira
earn– jerna
earth– terdi
east– stuna
east of– du'a
eastwardly– mo'idu'a
easy– frili
easy– fu'i
eat– citka
economic system– *jikni
edge– korbi
editorial insertion– sa'a
editorial unquote– to'i
effort– a'i
egg– sovda

elaborating– sa'unai
elastic– pruni
elder– dzena
electric– dikka
elephant– xanto
embarrassed– burna
embarrassment– oiro'a
embryo– tarbi
emoting– seci'o
emoting about– teci'o
emotion– cinmo
emotion ?– pei
emotional– ro'i
emotionally felt by– ci'o
empathy– dai
empathy– *da'oi
emphasize– basna
emphasize next– ba'e
empty– kunti
end– fanmo
end abstraction– kei
end composite lerfu– foi
end discursive– se'u
end emotion– bu'onai
end error quote– le'u
end fore termset– nu'u
end grouping– ke'e
end indicator scope– fu'o
end linked sumti– be'o
end mex converters– te'u
end mex forethought– ku'e
end mex sumti– lo'o
end modal selbri– fe'u
end number or lerfu– boi
end of text– fa'o
end parenthesis– toi
end prenex– zo'u
end quote– li'u

end quote scope– *fu'oi
end relative clause– ku'o
end relative phrase– ge'u
end simple bridi– vau
end sumti– ku
end sumti qualifiers– lu'u
end sumti to selbri– me'u
end text scope– tu'u
end vocative– do'u
enemy– bradi
energy– nejni
enough– rau
entails nevertheless– seni'inai
entails therefore– seni'i
entitlement– *krali
environment– vanbi
envy– i'onai
equal– dunli
equal in property– tedu'i
equal rank– ga'icu'i
equal to– sedu'i
equally– ra'ucu'i
era– cedra
erase discourse– su
erase utterance– sa
erase word– si
err– srera
error quote– lo'u
esteem– sinma
evening– vanci
event– fasnu
event abstract– nu
eventual utterance– da'e
everything– roda
everywhere– fe'ereroi
evil– palci
exact– satci
exaggeration– ba'u

example– mupli
example of property– semu'u
example out of set– temu'u
exceeded by– mau
excess– dukse
exchange– canja
exclusive interval– ke'i
excrete– vikmi
exemplified by– mu'u
exhaustion– a'enai
exist– zasti
expanding the tanru– ta'unai
expect– *kanpe
expectation– uenai
experience– lifri
experience abstract– li'i
experienced by– ri'i
experiencing– seri'i
expert– certu
explain– ciksi
explode– spoja
exponential– tenfa
exponential e– te'o
exponential notation– gei
express– cusku
expressed in medium– vecu'u
expressing– tebau
expressing– secu'u
extra sumti place– fai
eye– kanla
f– fy
face– flira
fact– fatci
factorial– ne'o
factory– fanri
fail– fliba
fairy– crida
fall– farlu

false– jitfa
falsity– je'unai
familiar– slabu
familiarity– i'u
family– lanzu
famous– misno
far– darno
farm– cange
fast– sutra
fasten– lasna
fate– dimna
father– patfu
favorable– zabna
fear– terpa
fear– ii
feather– pimlu
feces– kalci
female– fetsi
fertile– ferti
few– so'u
fiction– cfika
field– foldi
fig– figre
fight– damba
figurative– pe'a
fill– tisna
finger– degji
fire– fagri
firm– jdari
firstly– pamai
fish– finpe
fit– mapti
flag– lanci
flaw– cfila
flight– vofli
float– fulta
floor– loldi
flow– flecu

flower– xrula
flute– flani
fly– sfani
foam– fonmo
fog– bumru
fold– polje
fond– nelci
font shift– ce'a
food– cidja
foolish– bebna
foot– jamfu
for a moment in past– puze'i
for a period in past– puze'a
for a while after– ze'aba
for a while before– ze'apu
for a while during– ze'aca
for an era in past– puze'u
for example– mu'a
force– bapli
fore and– ge
fore conn ?– ge'i
fore iff– go
fore mex operator– pe'o
fore only if– ganai
fore or– ga
fore tanru and– gu'e
fore tanru conn ?– gu'i
fore tanru iff– gu'o
fore tanru only if– gu'anai
fore tanru or– gu'a
fore tanru whether– gu'u
fore tanru xor– gu'onai
fore whether– gu
fore xor– gonai
forgive– fraxu
fork– forca
forward– mo'ica'u
fox– lorxu

fraction– frinu
fraction slash– fi'u
frame– greku
free– zifre
freedom– einai
freeze– dunja
fresh– vifne
friction– mosra
friend– pendo
from source– ra'i
front– crane
frown– frumu
fruit– grute
frustration– steba
fuel– livla
full– culno
full day– djedi
function– fancu
funny– xajmi
furniture– nilce
future– balvi
future bridi– go'o
fuzzy logic– *xoi
g– gy
gain– u'a
gallon– dekpu
garden– purdi
garlic– sunga
garment– taxfu
gas– gapci
gather– jmaji
gem– jemna
gene– jgina
generously– do'a
germ– jurme
get– cpacu
girl– nixli
give– dunda

gland– cigla
glass– blaci
glasses– *lacni
glimmering– murse
glove– gluta
goalfully acting at– sezu'e
goat– kanba
god– cevni
gold– solji
gonad– ganti
gone to by– ka'a
good– xamgu
goodness standard– teva'u
goose– gunse
govern– turni
grain– gurni
gram– grake
grammar– gerna
grasp– jgari
grass– srasu
grateful– ckire
gray– grusi
grease– grasu
great– banli
greater than– za'u
green– crino
greet– rinsa
greetings– coi
greetings in passing– coico'o
grind– zalvi
groove– skuro
group– girzu
grow– banro
guess– smadi
guest– vitke
guide– gidva
guilt– zungi
guitar– jgita

gut– canti
gymnast– zajba
habitually– ta'e
had earlier been– pupu
hail– bratu
hair– kerfa
half– xadba
hammer– mruli
hand– xance
hang– dandu
happiness– ui
happy– gleki
happy face– uibu
harmonious– sarxe
harvest– crepu
has been– caba'o
has even odds– pimucu'o
has never– na'epu'i
hate– xebni
hatred– iunai
hauteur– ga'i
having component– pa'u
head– stedu
healthy– kanro
heap– derxi
hear– tirna
heart– risna
heavy– tilju
heir– cerda
help– sidju
hemp– marna
here at– vi
hesitation– y
hex digit A– dau
hex digit B– fei
hex digit C– gai
hex digit D– jau
hex digit E– rei

hex digit F– vai
hi priority operator– bi'e
high– galtu
history– citri
hit– darxi
holy– censa
honest– stace
hoof– sufti
hook– genxu
hope– pacna
hope– a'o
horn– jirna
horse– xirma
hospital– spita
hospitality– fi'i
hot– glare
hotel– xotli
hour– cacra
how certain?– ju'opei
however– ku'i
human– remna
humble– cumla
humorously– zo'o
hunger– xagji
hunt– kalte
hydrogen– cidro
i– ibu
ice– bisli
idea– sidbo
idle– cando
ignore me– ju'inai
ill– bilma
illumine– gusni
imaginary– xanri
imaginary i– ka'o
immaterial– mucti
immerse– jinru
imperative– ko

important– vajni
impossibility– ju'onai
improbability– la'anai
in– nenri
in a mass with– joi
in a sequence with– ce'o
in a set with– ce
in addition– ji'a
in addition to– pa'a
in brief– to'u
in category– le'a
in common with– jo'u
in culture– ku'u
in culture of– seku'u
in detail– to'unai
in fact– da'inai
in form– tai
in front of– ca'u
in language– bau
in language of– sebau
in material form– tema'e
in order to please– sepu'a
in other words– va'i
in quantity– sela'u
in reference frame– ma'i
in reversal of– sefa'e
in system– ci'e
in the event of– fau
in the same words– va'inai
in the sequence– po'i
in what quantity?– la'u ma
inattentive– a'acu'i
incidental clause– noi
incidental identity– no'u
incidental phrase– ne
incidentally– ra'unai
inclusive interval– ga'o
incompetence– e'enai

incompleteness– uonai
increase– zenba
indecision– aicu'i
independence– e'icu'i
indicator scope– fu'e
indifference– aucu'i
indirect question– kau
industry– gundi
infant– cifnu
infinite– cimni
infinite times– ci'iroi
infinity– ci'i
influence– xlura
inhospitality– fi'inai
initiate– cfari
initiative– co'a
injure– xrani
ink– xinmo
innate– jinzi
innately capable of– ka'e
innocence– u'unai
insect– cinki
insert– setca
instead of– seba'i
insure– binra
integral– ri'o
intense– carmi
intense emotion– cai
intent– ai
interest– a'u
interesting– cinri
interfere– zunti
internet– *kibro
interrupt– dicra
interruption– ta'a
intersect– kruca
intersection– ku'a
interval– *ditcu

into– mo'ine'i
intuit– jijnu
invent– finti
invest– zivle
inward– zo'i
iron– tirse
irony– ranxi
irregular– vitci
irregularly– di'inai
is a bunch– so'ime'i
is a century– panonomei
is a decade– panomei
is a dozen– paremei
is a fifth portion– piresi'e
is a octet– bime'i
is a pair– remei
is a quintet– mumei
is a score– renomei
is a trio– cime'i
is antepenultimate– da'aremoi
is at least second– su'oremoi
is eighth among– bimo'i
is enough among– raumo'i
is fifth among– mumo'i
is first among– pamoi
is fourth among– vomoi
is going to– capu'o
is last among– romoi
is ninth among– somoi
is now– caca'o
is penultimate among– da'amoi
is plural– su'oremei
is second among– remoi
is seventh among– zemoi
is singular– pamei
is sixth among– xamoi
is specific to– po
is tenth among– panomoi

is the whole of– pirosi'e
is third among– cimoi
is too many– du'emei
island– daplu
it-1– ko'a
it-1's described as– leko'a
it-10– fo'u
it-2– ko'e
it-3– ko'i
it-4– ko'o
it-5– ko'u
it-6– fo'a
it-7– fo'e
it-8– fo'i
it-9– fo'o
j– jy
jaw– xedja
jealous– jilra
jelly– jduli
jet– jetce
job– jibri
joined– jorne
jointly– gunma
journal– karni
judge– pajni
juice– jisra
justice– pa'e
k– ky
kelvin– kelvo
key– ckiku
kick– tikpa
kill– catra
kind– xendo
kiss– cinba
knee– cidni
knife– dakfu
knit– nivji
knot– jgena

know– djuno
knowing about– tedu'o
knowing facts– sedu'o
l– ly
label– tcita
lack– be'u
lack of regret– u'ucu'i
lacked by– cau
lake– lalxu
lambda– ce'u
land– tumla
language– bangu
last bridi– go'i
last sumti– ri
last utterance– di'u
last utterance it– la'edi'u
lastly– romai
late– lerci
laugh– cmila
launcher– cecla
law– flalu
layer– senta
lazy– lazni
lead– cnisa
leaf– pezli
leap– plipe
learn– cilre
leave– cliva
left– zunle
left bracket– vei
leftwardsly– mo'izu'a
leg– tuple
lens– lenjo
less– mleca
less by amount– veme'a
less in property– teme'a
less than– seme'a
less than– me'i

let– curmi
letter– xatra
letteral– lerfu
level– pinta
lever– vraga
levity– xalbo
lift– lafti
lightning– lindi
lightweight– linto
limit– jimte
limited in property– teji'e
line– linji
linen– matli
link more sumti– bei
link sumti– be
lion– cinfo
lip– ctebi
liquid– litki
liquor– jikru
list– liste
liter– litce
live– jmive
liver– livga
local– diklo
location conversion– jaivi
lock– stela
logarithm– dugri
logarithm– de'o
logic– logji
long– clani
long scope relative– vu'o
long time– zu
long time interval– ze'u
look– catlu
loop– clupa
loose– kluza
loosely speaking– sa'enai
lose– cirko

loss– u'anai
lotus– latna
loud– cladu
louse– civla
love– prami
love– iu
low– dizlo
lower-case shift– to'a
luck– funca
luckily– *fu'au
lujvo glue– ze
lunar– lunra
lung– fepri
m– my
machine– minji
made of material– sema'e
magenta– nukni
magic– makfa
magnet– maksu
mail– mrilu
maize– zumri
make– zbasu
making a tanru– ta'u
male– nakni
mammal– mabru
man– nanmu
mango– *mango
manual– macnu
many– so'i
many times– so'iroi
mark– barna
market– zarci
married– speni
mask– marxa
mat– matci
match– sacki
material– marji
material object– ma'e

mathematics– cmaci
matrix of columns– sa'i
matrix of rows– pi'a
mature– makcu
me– mi
me and you– mi'o
meal– sanmi
meaning– gismu
meaning– cma
meaning– smuni
measure– merli
measured on scale– tela'u
meat– rectu
medium time– za
medium time interval– ze'a
meekness– ga'inai
meet– penmi
melon– guzme
melt– runme
member– cmima
mental– ro'e
mercury– margu
mere tolerance– o'ocu'i
message– notci
metal– jinme
metalinguistic not– na'i
metalinguistic yes– jo'a
meter– mitre
method– tadji
method conditions– teta'i
mex precedence– ti'o
middle– midju
mild– milxe
mile– minli
military– bilni
milk– ladru
mill– molki
millet– cunmi

mind– menli
mindless– ro'enai
mineral– kunra
minus– vu'u
minute– mentu
miscellaneous– vrici
mistake indicator– *le'ai
mistake quote– *lo'ai
mistake replace– *sa'ai
mixture– mixre
moan– cmoni
modal ?– cu'e
modal conversion– jai
modesty– o'acu'i
modify– galfi
moist– cilmo
mold– mledi
mole– molro
money– jdini
monkey– smani
month– masti
morals– marde
more– zmadu
more by amount– vemau
more in property– temau
more than– semau
more to come– mu'onai
morning– cerni
mossy– klika
most– so'e
mother– mamta
motive– mukti
motive nevertheless– semu'inai
motive of person– temu'i
motive therefore– semu'i
motor– matra
mountain– cmana
mouse– smacu

mouth– moku
move– movdu
moving away from– mo'ito'o
moving the border– mo'ite'e
moving to coincide– mo'ibu'u
much– mutce
much of– piso'i
much of the time– piso'iroi
multiply– pilji
muscle– sluji
museum– muzga
mushroom– *gumri
music– zgike
mutual– simxu
my described as– lemi
mystery– i'unai
myth– ranmi
n– ny
nail– dinko
name– cmene
narrow– jarki
nation– natmi
natural– rarna
near– jibni
necessarily under– tesau
necessary– sarcu
necessary for– sesau
necessitate– nibli
neck– cnebo
need– nitcu
needle– jesni
negate last word– nai
negative acknowledge– je'enai
negative number– ni'u
negative request– e'onai
neon– navni
nerve– nirna
nervous– xanka

nest– zdani
net– julne
neutral– nutli
neutral emotion– cu'i
never– noroi
nevertheless result– ja'enai
new– cnino
new information– bi'u
new topic– ni'o
news– nuzba
next outer bridi– no'a
next to– ne'a
next utterance– di'e
nickel– nikle
night– nictē
nitrogen– trano
no love lost– iucu'i
no special effort– a'icu'i
no thanks to you– ki'enai
no, I am not– mi'enai
noble– nobli
noise– savru
non-Lojban brivla– *me'oi
non-Lojban quote– zoi
non-approval– i'ecu'i
non-habitually– ta'enai
non-promise– nu'enai
nonce cmavo– *ze'ei
nonce interjection– *ki'ai
nonce-word next– za'e
nonexistent it– zi'o
norm– cnano
north– berti
north of– be'a
northwardly– mo'ibe'a
nose– nazbi
not less than– seme'anai
not more than– semaunai

not ready to receive– re'inai
not towards point– na'efa'a
not very surprised– uecu'i
nothing at all– noda
now– cabna
nowhere– fe'enoroi
nth root of– fe'a
null operand– tu'o
null operator– ge'a
number– namcu
number ?– xo
number base– ju'u
number comma– ki'o
nut– narge
o– obu
oak– cindu
oats– mavji
obey– tinbe
object– dacti
obligation– ei
obliged– bilga
obscurely– li'anai
observe– zgana
observed by means– tega'a
observed under– vega'a
observing– sega'a
occasionally– ru'inai
odor– panci
of system components– teci'e
offer– friti
office– briju
offspring– panzi
often– cafne
old information– bi'unai
old– *laldo
old topic– no'i
omitted text– li'o
omitting examples– mu'acu'i

on behalf of– seka'i
on date at location– tede'i
on date by calendar– vede'i
on scale measuring– seci'u
on the left of– zu'a
on the one hand– zu'u
on the other hand– zu'unai
on the right of– ri'u
on the same date as– sede'i
on the scale– ci'u
on this edge of– fe'eco'a
once– paroi
one-word non-Lojban name– *la'oi
one-word non-Lojban quote–
*zo'oi
onion– sluni
onomatopoeia– *sa'ei
open– kalri
operand to operator– ma'o
operate– sazri
operator to selbri– nu'a
opine– jinvi
oppose– fapro
opposite– dukti
orange– narju
orbiting– mo'iru'u
ordered in sequence– teli'e
ordered interval– bi'o
ordering items– tepo'i
orderly– cnici
ordinal selbri– moi
ordinal tense– re'u
ordinary– fadni
organ– rango
organize– ganzu
oscillate– slilu
other– drata
other-oriented– se'inai

out– bartu
outer space– kensa
outward– ze'o
outwardsly– mo'ize'o
oven– toknu
over and out– fe'o
over– mu'o
owe– dejni
oxygen– kijno
p– py
page– papri
pain– cortu
paint– cinta
pan– tansi
panic– xalni
pants– palku
paper– pelji
parallel– panra
parasite– *parji
parent– rirni
park– panka
parsimoniously– do'anai
part– pagbu
partings– co'o
pass through– pagre
passing by– mo'izo'a
passing through– mo'ipa'o
passing thru stages– vepu'e
passive– le'ocul'i
passport– jaspu
past– purci
paste– pesxu
patience– o'o
pattern– morna
pause symbol– denpa bu
pausative– de'a
pay– pleji
peace– panpi

pear– perli
pedestal– zbepi
pelt– skapi
pen– penbi
pencil– pinsi
penis– pinji
penultimate bridi– go'e
percent– ce'i
perfect– prane
perfective– ba'o
perform– tigni
peril– ckape
permanent– vitno
permission– e'a
person– prenu
pertain– srana
pertained to by– ra'a
petroleum– ctile
phrase compound– tanru
physical– ro'o
physical pain– oiro'o
pi– pai
piano– pipno
picture– pixra
piece– spisa
pig– xarju
pin– pijne
pity– kecti
pity– uu
plan– platu
plane– plita
planet– plini
plant– spati
plastic– slasi
plate– palta
play– kelci
pleasant– pluka
please– pe'u

please repeat– ke'o
pleased by– pu'a
pleasing conditions– tepu'a
pleasure– oinai
plow– plixa
plump– plana
plus– su'i
pocket– daski
poem– pemci
point– mokca
point-event abstract– mu'e
poison– vindu
poke– tunta
polar opposite scalar negator– to'e
police– pulji
polish– spali
polite– clite
polity– jecta
poor– pindi
portion selbri– si'e
positive number– ma'u
possess– ponse
possible– cumki
possible future– *ba'oi
spot– patxu
potato– patlu
pound– bunda
powder– purmo
powerful– vlipa
precede– lidne
preceded by– li'e
preceding– seli'e
precisely speaking– sa'e
predicate– bridi
predicate var 1– broda
predicate var 2– brode
predicate var 3– brodi
predicate var 4– brodo

predicate var 5– brodu
prejudice– pa'enai
presence– be'ucu'i
pressure– danre
prevent– fanta
price– jdima
pride– o'a
pride– jgira
principal– ralju
print– prina
prisoner– pinfu
privacy– i'inai
private– sivni
pro-assign update– ra'o
pro-bridj assign– cei
pro-sumti assign– goi
probability– la'a
probability selbri– cu'o
probable– lakne
problem– nabmi
process– pruce
process abstract– pu'u
processing from– sepu'e
processing into– tepu'e
procreate– rorci
produce– cupra
profit– prali
prohibition– e'anai
projectile– danti
promise– nupre
promise– nu'e
property abstract– ka
prose– prosa
protein– lanbi
protest– pante
provide– sabji
public– plibu
public– gubni

pull– lacpu
pulley– pulni
pump– pambe
punctuate– pandi
punctuation mark– lau
pungent– cpina
punish– sfasa
pure– curve
purple– zirpu
put– punji
puzzlement– oiro'e
quality– ckaji
quantified tense– roi
quantifying– la'u
quantity– klani
quantum– kantu
question– preti
question follows– pau
quiet– smaji
quite certain– ju'ocai
quote– lu
quote scope– *fu'ei
quotient– dilcu
r– ry
rabbit– ractu
radian– radno
radiate– dirce
radio– cradi
rail– garna
rain– *sicpi
rain– carvi
random– cunso
range– kuspe
rare– rirci
rarely– piso'uroi
rashness– o'inai
rat– ratcu
ratio– parbi

ratio– pa'i
raven– *korvo
react– frati
read– tcidu
ready– bredi
ready to receive– re'i
rearwardsly– mo'iti'a
reason– krinu
reason nevertheless– seki'unai
reason therefore– seki'u
recent bride– go'a
recent sumti– ra
recent utterance– de'u
reciprocal of– fa'i
reciprocal sumti– soi
reclining– vreta
record– vreji
recur– krefu
red– xunre
reed– xagri
reference– manri
reference point– nau
reflect– minra
refusal– ainai
regret– xenru
regular– dikni
regularly– di'i
rel clause joiner– zi'e
related– ckini
related to– seki'i
relativized it– ke'a
relax– surla
relaxation– o'u
release from promise– nu'ecu'i
release of emotion– ri'e
religion– lijda
reluctance– aunai
rely– lacri

remain– stali
remember– morji
remove– vimcu
repair– cikre
repeat– rapli
repeat multiple bridi– *xai
repeating– ke'u
repeating decimal– ra'e
repentance– u'u
replace– basti
replaced by– ba'i
reply– spuda
repose– a'inai
represent– krati
represented by– ka'i
representing in– teka'i
reptile– respa
repulsion– a'unai
request– e'o
request– cpedu
request to send– be'e
requiring– sau
respect– io
responsible– fuzme
restaurant– gusta
restrain– rinju
restraint of emotion– ri'enai
restrictive clause– poi
restrictive identity– po'u
restrictive phrase– pe
result– jalge
results because– seja'e
results despite– seja'enai
resumptive– di'a
retain– ralte
return– xruti
return to main point– ta'onai
revenge– venfu

reverse– fatne
reverse Polish– fu'a
reverse of– fa'e
reward– cnemu
rhetorical question– paunai
rhyme– rimni
rhythm– rilti
ribbon– dasri
rice– rismi
rich– ricfu
ridicule– ckasu
right– pritu
right bracket– ve'o
rightwardly– mo'iri'u
ring– djine
rite– ritli
river– rirxe
road– dargu
robe– pastu
rock– rokci
rocket– jakne
rod– grana
roger– je'e
roll– gunro
roof– drudi
room– kumfa
root– genja
root word– gismu
rose– rozgu
rotten– fusra
rough– rufsu
round– cukla
rounded down– ji'ini'u
rounded up– ji'ima'u
route– pluta
rubber– ckabu
rule– javni
rules of standard– tema'i

run– bajra
rural– nurma
rye– mraji
s– sy
sack– dakli
sacrilege– re'enai
sad– badri
sail– falnu
salad– salta
salt– silna
same– mintu
same identity as– du
sand– canre
sandwich– snuji
sane– racli
satellite– mluni
satiating– be'unai
satisfy– mansa
sauce– sanso
scalar affirmer– je'a
scalar contrary– na'e
scalar midpoint not– no'e
scale– ckilu
school– ckule
science– saske
scrape– guska
scratch– sraku
screw– klupe
sea– xamsi
season– citsi
seasoning– tsapi
second– snidu
secondly– remai
secret– mipri
section 0– nomo'o
section 1– pamo'o
section ordinal– mo'o
secure– snura

security– iinai
see– viska
seed– tsiju
seek– sisku
seem– simlu
selbri converter– *me'ei
selbri separator– cu
selbri to modal– fi'o
selbri to operand– ni'e
selbri to operator– na'u
select alphabet– zai
self– sevzi
self-introduction– mi'e
self-oriented– se'i
self-sufficiency– se'a
sell– vecnu
sense– ganse
sent by– be'i
sent to– tebe'i
sentence– jufra
sentence abstract– sedu'u
sentence and– ije
sentence but not– ijenai
sentence conn ?– ije'i
sentence if– ijanai
sentence iff– ijo
sentence link– i
sentence only if– inaja
sentence or– ija
sentence ordinal– mai
sentence whether– iju
sentence xor– ijonai
sequence– porsu
sequenced by rules– sepo'i
serious– junri
seriously– zo'onai
serve– selfu
several– so'o

severe– jursa
sew– fenso
sexual– cinse
sexual– ro'u
sexual abstinence– ro'unai
sexual complaint– oiro'u
shadow– ctino
shake– desku
shallow– caxno
shame– o'anai
shape– tarmi
sharing ideal form– tetai
sharp– kinli
shears– jinci
sheep– lanme
sheet– boxfo
shelf– kajna
shell– calku
shelter– marbi
shift next lerfu– tau
shirt– creka
shoal– jmifa
shock– jenca
shoe– cutci
short– tordu
short scope link– bo
short time– zi
short time interval– ze'i
shoulder– janco
shove– catke
shovel– canpa
show– jarco
sibling– tunba
side– mlana
sigma summation– si'i
sign– sinxa
silk– silka
silver– rijno

similar– simsa
similar by standard– vepa'a
similar in property– vetai
similar to– sepa'a
similarly– si'a
simple– sampu
simply speaking– sa'u
sin– vu'enai
sine– sinso
sing– sanga
sister– mensi
sit– zutse
site– stuzi
situation– tcini
size– *cisni
skepticism– iacu'i
ski– skiji
skirt– skaci
sky– tsani
sleep– sipna
slice– panlo
slide– sakli
slope– salpo
slow– masno
small– cmalu
small space interval– ve'a
smell– sumne
smile– cisma
smiley face– zo'obu
smoke– danmo
smooth– xutla
snake– since
sneeze– senci
snow– snime
snug– tagji
soak up– cokcu
soap– zbabu
social– ro'a

socialize– jikca
sock– smoka
soda– sodva
sodium– sodna
sofa– sfofa
soft– ranti
solar– solri
soldier– sonci
solid– sligu
some selbri 1– bu'a
some selbri 2– bu'e
some selbri 3– bu'i
something 1– da
something 2– de
something 3– di
son– bersa
soon utterance– de'e
sorghum– sorgu
sound– sance
soup– stasu
sour– slari
source– krasi
south– snanu
south of– ne'u
southwardly– mo'ine'u
sow– sombo
soya– sobde
space– canlu
space aspects– fe'e
space motion– mo'i
species– jutsi
specific– steci
spider– jukni
spiral– sarlu
spirit– pruxi
spiritual– re'e
spiritual complaint– oire'e
spit– sputu

sponge– panje
spoon– smuci
spread– preja
spring– vensa
square– kurfa
stage– tsina
stairs– serti
stalk– stani
stand– sanli
star– tarci
starch– jalna
start emotion– bu'o
start fore termset– nu'i
start grouping– ke
start parenthesis– to
start text scope– tu'e
state abstract– za'i
station– tcana
steel– gasta
step– stapa
steradian– stero
sticky– snipa
stiff– tinsa
stir– jicla
store– sorcu
story– lisri
straight– sirji
strange– cizra
street– klaji
stress– o'unai
stretch– tcena
stroke– satre
strong– tsali
strong emotion– sai
structure– stura
structure word– cmavo
stubborn– xarnu
study– tadni

subjunctive– *xa'o
subscript– xi
suburb– jarbu
succeed– snada
suck– sakci
sudden– suksa
suffice– banzu
sugar– sakta
suggest– stidi
suggested by– ti'i
suggested to– teti'i
suggesting– seti'i
suggestion– e'u
sulfur– sliri
sum– sumji
summer– crisa
sumti ?– ma
sumti and– e
sumti but not– enai
sumti conn ?– ji
sumti iff– o
sumti only if– na.a
sumti or– a
sumti place ?– fi'a
sumti to operand– mo'e
sumti to selbri– me
sumti whether– u
sumti xor– onai
superfective– za'o
superlative– traji
superlative among– verai
superlative in– serai
support– sarji
supporting– seji'u
supposing– da'i
surface– sefta
surprise– spaji
surprise– ue

surprised?– uepei
surround– sruri
surrounding– ru'u
survive– renvi
swallow– tunlo
sweat– xasne
sweet– titla
swelling– punli
swim– limna
syllable– slaka
system– ciste
t– ty
table– jubme
tail– rebra
take– lebna
take care of– kurji
talent– stati
talk– tavla
tangent– tanjo
tangential to– zo'a
tanru and– je
tanru but not– jenai
tanru conn ?– je'i
tanru iff– jo
tanru inversion– co
tanru only if– naja
tanru or– ja
tanru whether– ju
tanru xor– jonai
tar– tarla
taste– vrusi
taut– trati
tax– cteki
tea– tcati
teach– ctuca
telephone– fonxa
television– tivni
temple– malsi

temporary– zasni
tense default– ki
termset conn mark– pe'e
territory– tutra
test– cipra
textual confusion– ki'a
texture– tengu
thanks– ki'e
that named– la
that one's– leta
that there– ta
that there– leva
that yonder– tu
that yonder– levu
the agent in– le jaigau
the bridi implied by– tu'a
the described– le
the individuals of– lu'a
the location of– le jaivi
the mass composed of– lu'o
the mass described– lei
the mass of named– lai
the mass really is– loi
the mex– me'o
the non-Lojban named– la'o
the number– li
the really is– lo
the referent of– la'e
the sequence of– vu'i
the set composed of– lu'i
the set described– le'i
the set of named– la'i
the set really is– lo'i
the stereotypical– le'e
the symbol for– lu'e
the time of– le jaica
the typical– lo'e
the x1 of last bridi– le go'i

the x2 of last bridi– le sego'i
the x3 of last bridi– le tego'i
the x4 of last bridi– le vego'i
the x5 of last bridi– le xego'i
the yonder one's– letu
there at– va
therefore result– ja'e
thick– rotsu
thin– cinla
think– pensi
thirst– taske
this here– ti
this here– levi
this one's– leti
this utterance– dei
thread– cilta
thrice– ciroi
throat– galxe
throughout– fe'eca'o
throw– renro
thumb– tamji
ticket– pikta
tide– ctaru
tiger– tixu
tile– tapla
time– temci
time at location– veti'u
time conversion– jaica
time of day– tcika
time on day– teti'u
times– pi'i
timidity– u'ocu'i
tin– tinci
tiny space interval– ve'i
tip– jipno
tired– tatpi
to observer– ga'a
to the power– te'a

tobacco– tanko
togetherness– i'i
tomato– tamca
tone– tonga
tongs– cinza
tongue– tance
too few– mo'a
too few times– mo'aroi
too little of– pimo'a
too many– du'e
too many times– du'eroi
too much of– pidu'e
tool– tutci
tooth– denci
touch– pencu
towards point– fa'a
tragedy– betri
train– trene
transfer– benji
transfixing– pa'o
translate– fanva
transmit origin– vebe'i
transmitted via– xebe'i
transmitting– sebe'i
transpose– re'a
travel– litru
tray– palne
tree– tricu
triangle– *sarni
trouble– raktu
true– jetnu
true for me too– go'ira'o
true-false ?– xu
trumpet– tabra
truth– je'u
truth abstract– jei
try– troci
tube– tubnu

tulip– tujli
turkey– xruki
turn– carna
twice– reroi
twist– torni
typical it– zu'i
typical value– no'o
typically– na'o
u– ubu
umbrella– santa
uncertainty– ju'ocu'i
under conditions– va'o
under direction of– ji'o
under epistemology– vedu'o
under logic system– teni'i
undercut by– me'a
understand– jimpe
understanding– ki'anai
understatement– ba'unai
unhappiness– uinai
uniform– manfo
union– jo'e
uniquely– po'o
unit– gradu
universe– munje
unordered interval– bi'i
unspecif abstract– su'u
unspecif bridi– co'e
unspecif emotion– ge'e
unspecif it– zo'e
unspecif modal– do'e
unspecif operator– fu'u
unspecific time– *za'ai
unspecific time interval– *ze'ai
unspecif utterance– do'i
up to limit– ji'e
up to the edge of– fe'epu'o
upon– cpana

upper-case shift– ga'e
upwardly– mo'liga'u
urine– pinca
usage for purpose– tepi'o
use– pilno
use up– xaksu
used by– pi'o
using tool– sepi'o
usually– so'eroi
utter– bacru
v– vy
vaccine– jinku
vagina– vibna
vague connective– ju'e
value– vamji
vanish– canci
vary– cenba
vegetable– stagi
vehicle– marce
vertical– sraji
via route– veka'a
video– vidni
view– jvinu
violent– vlile
virtue– vrude
virtue– vu'e
virus– vidru
viscous– viknu
vocative marker– doi
voice– voksa
vomit– vamtu
vulva– vlagi
wait– denpa
walk– cadzu
wall– bitmu
war– jamna
warn– kajde
warning– e'unai

was going to– puba
was then– puca'o
wash– lumci
waste– festi
water– djacu
wave– boxna
wax– lakse
we with you– ma'a
we, not you– mi'a
weak– ruble
weak emotion– ru'e
weapon– xarci
wear– dasni
weariness– u'inai
weather– tcima
weave– jivbu
wedge– cfine
week– jeftu
weep– klaku
weight– junta
well– jinto
west– stici
west of– vu'a
westwardly– mo'ivu'a
wheat– maxri
wheel– xislu
when?– ca ma
where?– vi ma
which belongs to– po'e
which kind?– sekai ma
whip– bikla
whistle– siclu
white– blabi
whole space interval– ve'e
whole time interval– ze'e
wilco– vi'o
wild– cilce
will actually– baca'a

will be going to– baba
will be then– baca'o
will have been– bapu
win– jinga
window– canko
wine– vanju
wing– nalci
winter– dunra
wise– prijé
with active agent– gau
with actor– zu'e
with authority over– seca'i
with beneficiary– seva'u
with destination– seka'a
with goal– tezu'e
with– kansa
with name– me'e
with origin– teka'a
with property– sekai
with relation– teki'i
with superlative– rai
with synergy in– veci'e
with system function– seci'e
with what cause?– ri'a ma
with what motive?– mu'i ma
with what name?– me'e ma
with what reason?– ki'u ma
within– ne'i
without– claxu
without– secáu
wolf– labno

woman– ninmu
womb– gutra
wonder– manci
wonder– u'e
wood– mudri
wool– sunla
word– valsi
word to lerfu– bu
work– gunka
worm– curnu
wound– *cagna
wrinkle– cinje
write– ciska
x– xy
x1 it– vo'a
x2 it– vo'e
x3 it– vo'i
x4 it– vo'o
x5 it– vo'u
y– ybu
year– nanca
yellow– pelxu
yield– randa
yonder at– vu
you– do
you and others– do'o
young– citno
your described as– ledó
z– zy
zinc– zinki

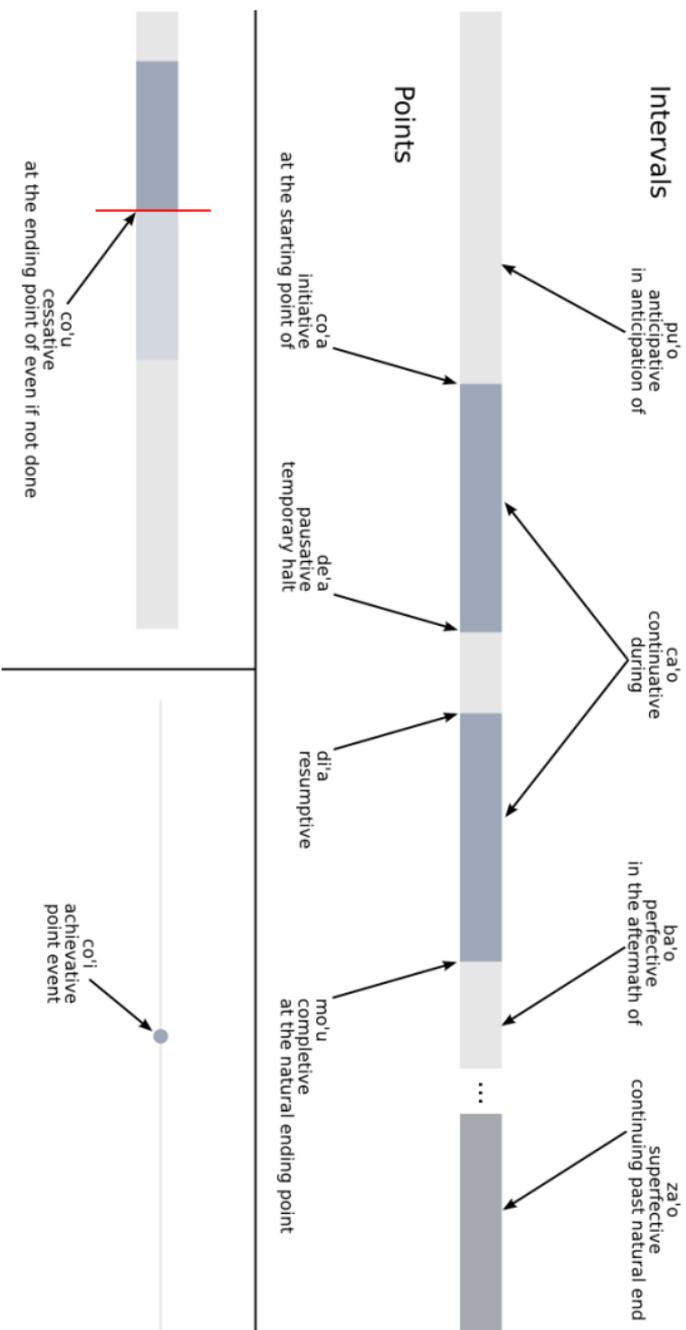
The Appendices

Appendix A: Pronoun and Tense Charts

Pronouns	+me	+you	+others
Mi	X		
Mi'a	X		X
Mi'o	X	X	
Ma'a	X	X	X
Do		X	
Do'o		X	X
?			X

Here is a chart I came up with while in Phonology and Morphology class. I think it is a reasonably accurate description of the logic behind personal pronouns. I am not sure what exactly fits best in the last slot.

Za'ho



Appendix B: Notes on the Cover

The Flag

This graphic element is in the shape of the Fibonacci ratio, phi, or golden rectangle, symbolizing consistency in rules, and modular expansion. It's asymmetrical in every direction, symbolizing unique decomposition and parsing. The dots symbolize the five default fill-in-the-blanks in a simple Lojban sentence. The arms embrace them into a relationship. Inside the mind is the thought of that relationship, so the head is between the first and second blanks, just like the relationship word or phrase in a Lojban sentence. The whole top section represents precise syntax. It is extended downward to become a human form. This anthropomorphic figure personalizes the ideogram and symbolizes: Cultural neutrality, algorithmically derived from six of the largest languages of our species. Root word choices derived from anthropomorphic concerns. Attitudinals, which can be combined modularly into one of the most thorough catalogs of the human heart offered by any language.

The Logo

The two blue circles represent hemispheres of the earth and the arrows indicate the universality of lojban. It can also be seen as a Cartesian coordinate plane superimposed on a Venn diagram.¹

¹ Diagram and information taken from Lojban.org.