

.a

A sumti or logical connective: sumti afterthought or

.a'a

UI1 attentive attitudinal: attentive - inattentive - avoiding (cf. jundi, rivbi)

.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 (cf. sanji, cikna, tatpi)

.a'enai

UI*1 exhaustion attitudinal: alertness - exhaustion

.a'i

UI1 effort attitudinal: effort - no special effort - repose (cf. gunka, slunandu, guksurla, troci, selprogunka)

.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 (cf. pacna)

.a'onai

UI*1 despair attitudinal: hope - despair

.a'u

UI1 interest attitudinal: interest - disinterest - repulsion (cf. cinri, selcni)

.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 (cf. termu'i, terzu'e, seljdi, selcu'a)

.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 (cf. djica)

.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
(cf. bavykri, lifri, morji)

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 replaced by ...

ba'o

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

ba'u

UI3 exaggeration discursive: exaggeration - accuracy -
understatement (cf. satci, dukse)

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)

bacca'a

PU* will actually time tense: future actuality; modal aspect

baça'o

ZAhO* will be then time tense: will be then; (tense/modal)

bai

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

bapu

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

bau

BAI in language bangu modal, 1st place in language ...

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) sent by ...

be'o

BEhO end linked sumti elidable terminator: end linked sumti in
specified description

be'u

UI5 lack attitudinal modifier: lack/need - presence/satisfaction -
satiating (cf. claxu, nitcu, mansa)

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

bei

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

bi

PA1 8 digit/number: 8 (digit) [eight]

bi'e

BlhE hi priority operator prefixed to a mex operator to indicate high priority

bi'i

BIHI unordered interval non-logical interval connective:
unordered between ... and ...

bi'o

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

bi'u

UI3a new information discursive: newly introduced information
- previously introduced information (cf. nindatni, saurdadni)

bi'unai

UI*3 old information discursive: newly introduced information -
previously introduced information

biki'o

PA* 8,000 number/quantity: 8,000 expressed with comma

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

bino

PA* 80 number/quantity: 80 [eighty]

binono

PA* 800 number/quantity: 800 [eight hundred]

binonovo

PA* 8004 number/quantity: 8004, without comma

bo

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

boi

BOI end number or lrfu elidable terminator: terminate
numeral or letteral string

bu

BU word to lerfu convert any single word to BY

bu'a

GOhA 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

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 actually is modal aspect: actuality/ongoing event

ca'e

UI2 I define evidential: I define (cf. mitcu'a, mitsmu)

ca'i

BAI by authority of catni modal, 1st place by authority of ...

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)

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)

cai

CAI intense emotion attitudinal: strong intensity attitude
modifier

cajeba

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

capu'o

ZAhO* is going to time tense: is going to, is now just about to,
is now anticipating; (tense/modal)

cau

BAI lacked by claxu modal, 1st place lacked by ...

ce

JOI 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 percent digit/number: % percentage symbol, hundredths

ce'o

JOI 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

cei

CEI pro-brididi assign selbri variable assignment; assigns broda series pro-brididi to a selbri

ci

PA1 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 emotionally felt
by ...

ci'u

BAI on the scale ckilu modal, 1st place on the scale ...

ciki'o

PA* 3,000 number/quantity: 3,000 expressed with comma

cimei

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

cimoi

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

cino

PA* 30 number/quantity: 30 [thirty]

cinono

PA* 300 number/quantity: 300 [three hundred]

ciroi

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

CO

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

co'a

ZAhO initiative interval event contour: at the starting point of
...; initiative >|< |

co'e

GOhA unspesif 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 cessative interval event contour: at the ending point of
... even if not done; cessative | >< |

coi

COI greetings vocative: greetings/hello

coico'o

COI* greetings in passing vocative: greetings in passing

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

cy

BY2 c letteral for c

da

KOhA1 something 1 logically quantified existential pro-sumti:
there exists something 1 (usually restricted)

da'a

PA4 all except digit/number: all except n; all but n; default 1

da'anoi

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 (cf. sruma)

da'inai

UI*3 in fact discursive: supposing - in fact

da'o

DAhO cancel pro-assigns discursive: cancel
pro-sumti/pro-bridi assignments

da'u

KOhA2 earlier utterance pro-sumti: a remote past utterance;
"She couldn't have known that IT would be true."

dai

UI5 empathy attitudinal modifier: marks empathetic use of preceding attitudinal; shows another's feelings (cf. cnijmi)

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

dei

KOhA2 this utterance pro-sumti: this utterance

denpa bu

BY* pause symbol letteral: Lojban "." character

di

KOhA1 something 3 logically quantified existential pro-sumti:
there exists something 3 (usually restricted)

di'a

ZAhO resumptitive event contour for resumption of a paused
process

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 at the locus of ...

di'u

KOhA2 last utterance pro-sumti: the last utterance

do

KOhA3 you pro-sumti: you listener(s); identified by vocative

do'a

UI3 generously discursive: generously - parsimoniously (cf. dunda)

do'anai

UI*3 parsimoniously discursive: generously - parsimoniously

do'e

BAI unspecif modal elliptical/unspecified modal

do'i

KOhA2 unspecif utterance pro-sumti: elliptical/unspecified
utterance variable

do'o

KOhA3 you and others pro-sumti: you the listener & others
unspecified

do'u

D0hU 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;

du

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

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

dy

BY2 d letteral for d

.e

A sumti and logical connective: sumti afterthought and

.e'a

UI1 permission attitudinal: granting permission - prohibiting (cf. curmi)

.e'anai

UI*1 prohibition attitudinal: permission - prohibition

.e'e

UI1 competence attitudinal: competence -
incompetence/inability (cf. kakne, certu)

.e'enai

UI*1 incompetence attitudinal: competence -
incompetence/inability

.e'i

UI1 constraint attitudinal: feeling constraint - independence - challenge/resistance against constraint (cf. selri'u, seljimte)

.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

UI1 request attitudinal: request - negative request (cf. cpedu,
pikci)

.e'onai

UI*1 negative request attitudinal: request - negative request

.e'u

UI1 suggestion attitudinal: suggestion - abandon suggest -
warning (cf. stidi, kajde)

.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 (cf. bilga, zifre)

.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

fai

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

fau

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

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'erroroi

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

fei

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

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) created by ...

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

fo

FA 4th sumti place sumti place tag: tag 4th sumti place

fo'a

KOhA4 it-6 pro-sumti: he/she/it/they #6 (specified by goi)

fo'e

KOhA4 it-7 pro-sumti: he/she/it/they #7 (specified by goi)

fo'i

KOhA4 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 lrfu terminator: end composite lrfu; never
elidable

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'e

FUhE indicator scope begin indicator long scope

fu'i

UI5 easy attitudinal modifier: easy - difficult (cf. frili)

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'u

VUhU0 unspecif operator n-ary mathematical operator:
elliptical/unspecified mathematical expression (mex) operator

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 to observer ... ;
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 (cf. gapru, cnita)

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 ...

gai

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

ganai

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

gau

BAI with active agent gasnu modal, 1st place agent/actor case
tag with active agent ...

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; [$b * (c \text{ to the } a \text{ power})$]

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

GlhA 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

GlhA bridi conn ? logical connective: bridi-tail afterthought
conn question

gi'o

GlhA bridi iff logical connective: bridi-tail afterthought
biconditional/iff/if-and-only-if

gi'onai

GIhA* bridj xor logical connective: bridj-tail afterthought
exclusive or; Latin 'aut'

gi'u

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

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-brid: preceding brid; 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

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'

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)

gy

BY2 g letteral for g

.i

I sentence link sentence link/continuation; continuing sentences on same topic; normally elided for new speakers

.i'a

UI1 acceptance attitudinal: acceptance - blame (cf. nalna'e,
nalpro, no'epro, nalzugjdi)

.i'anai

UI*1 blame attitudinal: acceptance - blame

.i'e

UI1 approval attitudinal: approval - non-approval - disapproval
(cf. zanru)

.i'ecu'i

UI*1 non-approval attitudinal: approval - non-approval -
disapproval

.i'enai

UI*1 disapproval attitudinal: approval - non-approval -
disapproval

UI1 togetherness attitudinal: togetherness - privacy (cf. kansa, gumna, sivni, sepli)

.i'inai

UI*1 privacy attitudinal: togetherness - privacy

.i'o

UI1 appreciation attitudinal: appreciation - envy (cf. ckire, jilra)

.i'onai

UI*1 envy attitudinal: appreciation - envy

.i'u

UI1 familiarity attitudinal: familiarity - mystery (cf. slabu,
nalni'o, kufra)

.i'unai

UI*1 mystery attitudinal: familiarity - mystery

.ia

UI1 belief attitudinal: belief - skepticism - disbelief (cf. krici,
jinvi)

.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 (cf. tugini)

.ienai

UI*1 disagreement attitudinal: agreement - disagreement

UI1 fear attitudinal: fear - security (cf. terpa, snura)

.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 (cf. sinma)

.ionai

UI*1 disrespect attitudinal: respect - disrespect

.iu

UI1 love attitudinal: love - no love lost - hatred (cf. prami)

.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 tanru or logical connective: tanru-internal afterthought or

ja'a

NA bridi affirmer bridi logical affirmer; scope is an entire bridi

ja'e

BAI therefore result jalge modal, 1st place resultingly;
therefore result ...

ja'enai

BAI* nevertheless result jalge modal, 1st place (event causal)
nevertheless result ...

ja'i

BAI by rule javni modal, 1st place (by standard 1) orderly; by
rule ...

ja'o

UI2 I conclude evidential: I conclude (cf. selni'i, ni'ikri)

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 bridi; 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)

jau

PA2 hex digit D digit/number: hex digit D (decimal 13)
[thirteen]

je

JA 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 (cf. jetnu)

je'unai

UI*3 falsity discursive: truth - falsity

jei

NU truth abstract abstractor: truth-value abstractor; x1 is truth value of [bridi] under epistemology x2

jenai

JA* tanru but not logical connective: tanru-internal afterthought
x but not y

ji

A sumti conn ? logical connective: sumti afterthought
connective question

ji'a

UI3b in addition discursive: additionally (cf. jmina)

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 ...

jo

JA tanru iff logical connective: tanru-internal afterthought
biconditional/iff/if-and-only-if

jo'a

UI3a metalinguistic yes discursive: metalinguistic affirmer (cf. drani)

jo'e

JOI 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 in common with non-logical connective: in common with;
along with (unmixed)

joi

JOI 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'

ju

JA tanru whether logical connective: tanru-internal afterthought
whether-or-not

ju'a

UI2 I state evidential: I state - (default) elliptical/non-specific
basis (cf. xusra)

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 (cf. birti, cumki)

ju'o cai

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

$\text{number base binary mathematical operator: number base; [a interpreted in the base b]}$

jy

BY2 j letteral for j

ka

NU 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) (cf. kluju'o)

kai

BAI characterizing ckaji modal, 1st place characterizing ...

kau

UI3a indirect question discursive: marks word serving as focus of indirect question: "I know WHO went to the store"

ke

KE 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 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 (cf. refbasna,
krefu, rapli, velde'a)

ke'unai

UI*3 continuing discursive: repeating - continuing

kei

KEI end abstraction elidable terminator: end abstraction bridi
(often elidable)

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 (cf. cfipu, kucli)

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 despite reason ...

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)

koi

BAI bounded by korbi modal, 1st place (bordered by) bounded
by ...

ku

KU end sumti elidable terminator: end description, modal, or negator sumti; often elidable

ku'a

JOI 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 (cf. karbi, dukti, nalpanra)

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 in culture ...

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 (cf. lakne)

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'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?

lai

LA the mass of named name descriptor: the mass of individual(s) named ... ; takes name or selbri description

lau

LAU punctuation mark 2-word letteral/shift: punctuation mark
or special symbol follows

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'e

LE 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 (cf. gunta, bandu)

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

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

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 the number the number/evaluated expression; convert
number/operand/evaluated math expression to sumti

li'a

UI3 clearly discursive: clearly - obscurely (cf. klina)

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 experience abstract abstractor: experience abstractor; x1
is x2's experience of [bridi] (participant or observer)

li'o

UI3a omitted text discursive: omitted text (quoted material)

li'u

LhU end quote elidable terminator: end grammatical quotation; seldom elidable except at end of text

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'e

LE 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

L0h0 end mex sumti elidable terminator: end math
express.(mex) sumti; end mex-to-sumti conversion; usually
elidable

lo'u

L0hU error quote start questionable/out-of-context quote; text should be Lojban words, but needn't be grammatical

loi

LE the mass really is veridical descriptor: the mass of individual(s) that is(are) ...

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

ly

BY2 | letteral for I

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)
in reference frame ...

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

mai

MAI sentence ordinal utterance ordinal suffix; converts a number to an ordinal, such as an item or paragraph number

mau

BAI exceeded by zmadu modal, 1st place (a greater)
exceeded by ... ; usually a sumti modifier

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'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'u

MEhU end sumti to selbri elidable terminator: end sumti that was converted to selbri; usually elidable

mei

MOI cardinal selbri convert number to cardinality selbri; x1 is the mass formed from set x2 whose n member(s) are x3

mi

KOhA3 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

Blhl 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 (cf. mintu)

mo

GOhA bridi ? pro-bridi: bridi/selbri/brivla question

mo'a

PA4 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

MOhl 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 ordinal selbri convert number to ordinal selbri; x1 is (n)th member of set x2 ordered by rule x3

mu

PA1 5 digit/number: 5 (digit) [five]

mu'a

UI3 for example discursive: for example - omitting - end
examples (cf. mupli)

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 point-event abstract abstractor: achievement (event) abstractor; x1 is the event-as-a-point/achievement of [bridi]

mu'i

BAI because of motive mukti modal, 1st place because of motive ...

mu'i ma

BAI* with what motive? sumti question asking for a motive;
why?

mu'inai

BAI* despite motive mukti modal, 1st place despite motive ...

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 multi modal, 1st place exemplified by ...

muki'o

PA* 5,000 number/quantity: 5,000 expressed with comma

mumei

MOI* is a quintet quantifier selbri: convert 5 to cardinal selbri;
x1 is a set with the quintet of members x2

mumoi

MOI* is fifth among quantified selbri: convert 5 to ordinal selbri;
x1 is fifth among x2 ordered by rule x3

muuo

PA* 50 number/quantity: 50 [fifty]

munono

PA* 500 number/quantity: 500 [five hundred]

my

BY2 m letteral for m

na

NA brid negator brid contradictory negator; scope is an entire brid; logically negates in some cmavo compounds

na'a

BY1 cancel shifts cancel all letteral shifts

na'e

NAhE 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 (cf. naldra, nalmapti)

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

nagi'a

GIhA* bridi only if logical connective: bridi-tail afterthought
conditional/only if

nago'i

GOhA* deny last bridi selbri: repeats preceding bridi 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

nau

CUhE reference point tense: refers to current space/time
reference absolutely

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

ni

NU 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

no

PA1 0 digit/number: 0 (digit) [zero]

no'a

GOhA next outer bridi pro-bridi: repeats the bridi in which this one is embedded

no'e

NAhE 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 ...

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

noroi

ROI* never tense interval modifier: never; objectively
quantified tense; defaults as time tense

nu

NU 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

NUhl start fore termset start forethought termset construct;
marks start of place structure set with logical connection

nu'o

CAhA 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

ny

BY2 n letteral for n

.0

A sumti iff logical connective: sumti afterthought
biconditional/iff/if-and-only-if

.o'a

UI1 pride attitudinal: pride - modesty/humility - shame (cf. jgira, cumla, ckeji)

.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 (cf. cnijbi,
cnikansa)

.o'enai

UI*1 distance attitudinal: closeness - distance

.o'i

UI1 caution attitudinal: caution - rashness (cf. capyrivbi, capfanta, srrerivbi, srefanta, naldarsi, seljde)

.o'inai

UI*1 rashness attitudinal: caution - rashness

.o'o

UI1 patience attitudinal: patience - mere tolerance - anger (cf.
fengu, to'ersteba, de'acni

.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 (cf. surla, cnilanxe, dunku)

.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 (cf. pante,
pluka, kufra)

.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 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 (cf. tcinydracu'a,
tcinydrapai, vudypai)

pa'enai

UI*3 prejudice discursive: justice - prejudice

pa'i

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 having component ...

pabi

PA* 18 number/quantity: 18 [eighteen]

paci

PA* 13 number/quantity: 13 [thirteen]

pai

PA5 pi digit/number: pi (approximately 3.1416...)

paki'o

PA* 1,000 number/quantity: 1,000 expressed with comma

pamai

MAI* firstly discursive: first utterance ordinal

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]

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]

panonomei

MOI* is a century quantifier selbri: convert 100 to cardinal
selbri; x1 is a set with the century of members x2

papa

PA* 11 number/quantity: 11 [eleven]

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

paroi

ROI* once tense interval modifier: once; objectively quantified
tense; defaults as time tense

paso

PA* 19 number/quantity: 19 [nineteen]

pau

UI3a question follows discursive: optional question premarker
(cf. preti)

paunai

UI*3 rhetorical question discursive: unreal/rhetorical question
follows

pavo

PA* 14 number/quantity: 14 [fourteen]

рaхa

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 figurative marks a construct as figurative
(non-literal/metaphorical) speech/text

pe'e

PEhE termset conn mark marks the following connective as
joining termsets

pe'i

UI2 I opine evidential: I opine (subjective claim) (cf. jinvi)

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?

pi

PA3 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 used by ...

pi'u

JOI cross product non-logical connective: cross product;
Cartesian product of sets

pidu'e

PA* too much of number: too much of

piji'i

PA* approximately all of number: approximately all of

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

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

piŝo'a

PA* almost all of number: almost all of

piŝo'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

pi'so'u

PA* a little of number: a little of

pi'so'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

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 porsì modal, 1st place (in order)
sequentially; in the sequence ...

po'o

UI3b uniquely discursive: uniquely, only, solely: the only relevant case (cf. pamei, mulno, frica)

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

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 pleased by ...

pu'e

BAI by process pruce modal, 1st place (in manner 1) by
process ...

pu'i

CAhA 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 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)

pupu

PU* had earlier been time tense: had earlier been;
(tense/modal)

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 (cf. ralju, vajni)

ra'ucu'i

UI*3 equally discursive: chiefly - equally - incidentally

ra'unai

UI*3 incidentally discursive: chiefly - equally - incidentally

rai

BAI with superlative traji modal, 1st place with superlative ...

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 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 (cf. lijda)

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

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

remai

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

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]

reoi

ROI* twice tense interval modifier; objectively quantified tense;
defaults as time tense

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)
despite cause ...

ri'e

UI5 release of emotion attitudinal modifier: release of emotion
- emotion restraint (cf. cniri'u, cnicru)

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 ...

ro

PA4 each digit/number: each, all

ro'a

UI4 social emotion category/modifier: social - antisocial (cf. jikca)

ro'anai

UI*4 antisocial emotion category/modifier: social - antisocial

ro'e

UI4 mental emotion category/modifier: mental - mindless (cf. menli)

ro'enai

UI*4 mindless emotion category/modifier: mental - mindless

ro'i

UI4 emotional emotion category/modifier: emotional - denying
emotion (cf. cinmo)

ro'inai

UI*4 denying emotion emotion category/modifier: emotional -
denying emotion

ro'o

UI4 physical emotion category/modifier: physical - denying
physical (cf. xadni)

ro'onai

UI*4 denying physical emotion category/modifier: physical -
denying physical

ro'u

UI4 sexual emotion category/modifier: sexual - sexual
abstinence (cf. cinse)

ro'unai

UI*4 sexual abstinence emotion category/modifier: sexual -
sexual abstinence

roda

KOhA* everything logically quantified universal sumti:
everything (unless restricted)

roi

ROI quantified tense converts number to an objectively quantified tense interval modifier; defaults to time tense

romai

MAI* lastly discursive utterance ordinal: finally; last utterance
ordinal

romoi

MOI* is last among quantified selbri: is final among; convert all to ordinal selbri; x1 is last among x2, rule x3

roroi

ROI* always tense interval modifier: always; objectively
quantified tense; defaults as time tense

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 (cf. sruma)

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/discontinuous; defaults as time tense

ru'o

BY1 Cyrillic shift shift letterals to Cyrillic alphabet

ru'u

FAhA2 surrounding location tense relation/direction;
surrounding/annular ...

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) (cf. setca)

sa'e

UI3 precisely speaking discursive: precisely speaking - loosely speaking (cf. satci, jibni)

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 (cf. sampu, pluja)

sa'unai

UI*3 elaborating discursive: simply - elaborating

sai

CAI strong emotion attitudinal: moderate intensity attitude
modifier

sau

BAI requiring sarcu modal, 1st place requiring ...

se

SE 2nd conversion 2nd conversion; switch 1st/2nd places

se'a

UI5 self-sufficiency attitudinal modifier: self-sufficiency -
dependency (cf. sezysei, kantcu)

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 (cf. sevzi, drata)

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) (cf. senva)

se'u

SEhU end discursive elidable terminator: end discursive bridg
or mathematical precedence; usually elidable

seba'i

BAI* instead of basti modal, 2nd place instead of ...

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)
transmitting ...

seca'i

BAI* with authority over catni modal, 2nd place authoritatively;
with authority over ...

secau

BAI* without claxu modal, 2nd place (lacking) without ...

seci'e

BAI* with system function ciste modal, 2nd place with system
function ...

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 on scale measuring ...

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 [bridi] 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 ...

sega'a

BAI* observing zgana modal, 2nd place observing ...

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)
results despite ...

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 with destination

...

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) related to

...

seki'u

BAI* reason therefore krinu modal, 2nd place reason therefore

...

seki'unai

BAI* reason nevertheless krinu modal, 2nd place reason
nevertheless ...

sekoi

BAI* as boundary of korbi modal, 2nd place (bounding) as
boundary of ...

seku'u

BAI* in culture of kulnu modal, 2nd place (people) in culture of

...

sela'u

BAI* in quantity klani modal, 2nd place in quantity ...;
measured as ...

sele'a

BAI* as a category of klesi modal, 2nd place as a category
of/within ...

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)
as a name for ...

semu'i

BAI* motive therefore multi modal, 2nd place motive therefore ...; motivating action ...

semu'inai

BAI* motive nevertheless mukti modal, 2nd place motive
nevertheless ...

semu'u

BAI* example of property modal, 2nd place as an
example of property ...

seni'i

BAI* entails therefore nibli modal, 2nd place entails therefore

...

seni'inai

BAI* entails nevertheless nibli modal, 2nd place entails
nevertheless ...

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) ...

sepo'i

BAI* sequenced by rules porsì 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 krası 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)
causal therefore ...

seri'anai

BAI* causal nevertheless rinka modal, 2nd place
(phys./mental) causal nevertheless ...

seri'i

BAI* experiencing lifri modal, 2nd place experiencing ...;
undergoing ...

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)

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 as a location of ...

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 ...

sezau

BAI* approving zanru modal, 2nd place approvingly; approving

...

sezu'e

BAI* goalfully acting at zunkte modal, 2nd place purposefully;
goalfully acting at ...

si

SI erase word erase the last Lojban word, treating non-Lojban text as a single word

si'a

UI3b similarly discursive: similarly (cf. simsa, panra)

si'e

MOI portion selbri convert number to portion selbri; x1 is an
(n)th portion of mass/totality x2; (cf. gunma)

si'i

VUhU4 sigma summation trinary mathematical operator:
[sigma summation of a using variable b over range c]

si'o

NU concept abstract abstractor: idea/concept abstractor; x1 is
x2's concept of [bridi]

si'u

BAI aided by sidju modal, 1st place (aiding agent) aided by ...

slaka bu

BY* close-comma letteral: Lojban ",," character

SO

PA1 9 digit/number: 9 (digit) [nine]

so'a

PA4 almost all digit/number: almost all (digit/number)

so'e

PA4 most digit/number: most

so'eroi

ROI* usually tense interval modifier: usually; objectively
quantified tense; defaults as time tense

so'i

PA4 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 several digit/number: several

so'u

PA4 few digit/number: few

so'uroi

ROI* a few times tense interval modifier: a few times; objective
tense; defaults as time tense

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

somoi

MOI* is ninth among quantified selbri: convert 9 to ordinal
selbri; x1 is ninth among x2 ordered by rule x3

sono

PA* 90 number/quantity: 90 [ninety]

sonono

PA* 900 number/quantity: 900 [nine hundred]

sosocce'i

PA* 99 percent number/quantity: 99% (number)

sozepimu

PA* 97.5 number/quantity: 97.5

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 (cf. *sucta*, *sucni'i*)

su'anai

UI*2 I particularize evidential: I generalize - I particularize;
discursive: abstractly - concretely

su'e

PA4 at most digit/number: at most (all); no more than

su'i

VU1 plus n-ary mathematical operator: plus; addition operator; [(((a + b) + c) + ...)]

su'o

PA4 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 unspecif abstract abstractor: generalized abstractor (how);
x1 is [bridi] as a non-specific abstraction of type x2

sy

BY2 s letteral for s

ta

KOhA6 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
(cf. denpa, cneterta'a)

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 (cf. tanru)

ta'unai

UI*3a expanding the tanru discursive: making a tanru -
expanding the tanru

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)

tau

LAU shift next letter 2-word letteral/shift: change case for next letter only

te

SE 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) as
told to ...

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 finiti modal, 3rd place creatively;
created for purpose ...

tēga'a

BAI* observed by means zgana modal, 3rd place observed by
means ...

tei

TEI composite lrfu 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 with origin ...

teka'i

BAI* representing in krati modal, 2nd place representingly;
representing in matter...

teki'i

BAI* with relation ckini modal, 3rd place with relation ...

tekoi

BAI* bordering korbi modal, 3rd place (bounding) bordering ...

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)
defined by quality ...

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 in material form ...

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 ...

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 as a name used by ...

temu'i

BAI* motive of person mukti modal, 3rd place
motivated/motivating per the volition of ...

temu'u

BAI* example out of set multi modal, 3rd place as an example out of the set of ...

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 porsì 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 ...

teri'a

BAI* causal conditions rinka modal, 2nd place (phys./mental)
causally under conditions ...

tesau

BAI* necessarily under sarco modal, 3rd place (conditions 2)
necessarily; necessarily under ...

tesi'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 zakte modal, 3rd place purposefully; (as an action) with goal ...

ti

KOhA6 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) (cf. tirna, sitna, tcidu)

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

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 polar opposite polar opposite scalar negator

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 (cf. tordu, clani, tcidu)

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

tu

KOhA6 that yonder pro-sumti: that yonder; distant demonstrative it; indicated thing far from speaker&listener

tu'a

LAhE the bridi 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

ty

BY2 t letteral for t

.u

A sumti whether logical connective: sumti afterthought
whether-or-not

.u'a

UI1 gain attitudinal: gain - loss (cf. jinga, selne'u, prali, cirko)

.u'anai

UI*1 loss attitudinal: gain - loss

.u'e

UI1 wonder attitudinal: wonder - commonplace (cf. manci,
fadni)

.u'enai

UI*1 commonplace attitudinal: wonder - commonplace

.u'i

UI1 amusement attitudinal: amusement - weariness (cf. selzdi, selxajmi, xalbo)

.u'inai

UI*1 weariness attitudinal: amusement - weariness

.u'o

UI1 courage attitudinal: courage - timidity - cowardice (cf. virnu)

.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 (cf. xenru, zugycni)

.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 (cf. facki, cfipu, sisku)

.uanai

UI*1 confusion attitudinal: discovery - confusion/searching

.ubu

BY* u letteral for u

.ue

UI1 surprise attitudinal: surprise - not really surprised -
expectation (cf. spaji)

.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 (cf. gleki)

.uiu

BY* happy face letteral: happiness symbol (letteral)

.uinai

UI*1 unhappiness attitudinal: happiness - unhappiness

.uo

UI1 completion attitudinal: completion - incompleteness (cf. mulno, mansa, fanmo, snada)

.uonai

UI*1 incompleteness attitudinal: completion - incompleteness

.uu

UI1 pity attitudinal: pity - cruelty (cf. kecti)

.uunai

UI*1 cruelty attitudinal: pity - cruelty

va

VA 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'e

MOI scalar selbri convert number to scalar selbri; x1 is at (n)th position on scale x2

va'i

UI3 in other words discursive: in other words - in the same words (cf. cneselsku)

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 ...

vai

PA2 hex digit F digit/number: hex digit F (decimal 15) [fifteen]

vau

VAU end simple bridi elidable: end of sumti in simple bridi; in compound bridi, separates common trailing sumti

ve

SE 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 whole space interval location tense interval: the whole of
space

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 transmit origin ...

veci'e

BAI* with synergy in ciste modal, 4th place as a system with
synergy in ...

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 under
epistemology ...

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 via route ...

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 ...

vepa'a

BAI* similar by standard panra modal, 4nd 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 ...

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 ...

VA 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

VO

PA1 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

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

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]

VU

VA 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 (cf. vrude, zungi)

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) - ...)]

vy

BY2 v letteral for v

xa

PA1 6 digit/number: 6 (digit) [six]

xaki'o

PA* 6,000 number/quantity: 6,000 expressed with comma

xamoi

MOI* is sixth among quantified selbri: convert 6 to ordinal
selbri; x1 is sixth among x2 ordered by rule x3

xano

PA* 60 number/quantity: 60 [sixty]

xanono

PA* 600 number/quantity: 600 [six hundred]

xavoki'o

PA* 64,000 number/quantity: 64,000 expressed with comma

xe

SE 5th conversion 5th conversion; switch 1st/5th places

xebe'i

BAI* transmitted via benji modal, 5th place (medium)
transmitted via ...

xeka'a

BAI* by transport mode klama modal, 5th place by transport mode ...

xi

XI subscript subscript; attaches a number of letteral string following as a subscript onto grammar structures

XO

PA5 number ? digit/number: number/digit/lerfu question

XU

UI6 true-false ? discursive: true-false question

xy

BY2 x letteral for x

$\cdot y$

Y hesitation noise; maintains the floor while speaker decides what to say next

.y'y

BY2 ' letteral for '

.ybu

BY* y letteral for y

za

ZI medium time time tense distance: medium distance in time

za'a

UI2 I observe evidential: I observe (cf. zgana, lanli)

za'e

BAhE nonce-word next forethought nonce-word indicator;
indicates next word is nonce-creation and may be nonstandard

za'i

NU1 state abstract abstractor: state (event) abstractor; x1 is continuous state of [bridi] being true

za'o

ZAhO superfective interval event contour: continuing too long
after natural end of ...; superfective | ---->

za'u

PA3 greater than digit/number: greater than

zai

LAU select alphabet 2-word letteral/shift: alternate alphabet selector follows

zau

BAI approved by zanru modal, 1st place approved by ...

ze

PA1 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'apu

ZEhA* for a while before time tense: a medium time interval
offset towards the past; (tense/modal)

ze'e

ZEhA whole time interval time tense interval: the whole of time

ze'i

ZEhA short time interval time tense interval: an
instantaneous/tiny/short amount of time

ze'o

FAhA4 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

zemoi

MOI* is seventh among quantified selbri: convert 7 to ordinal
selbri; x1 is seventh among x2 ordered by rule x3

zeno

PA* 70 number/quantity: 70 [seventy]

zenono

PA* 700 number/quantity: 700 [seven hundred]

zi

ZI short time time tense distance: instantaneous-to-short
distance in time

zi'e

ZlhE rel clause joiner joins relative clauses which apply to the same sumti

zi'o

KOhA7 nonexistent it pro-sumti: fills a sumti place, deleting it from selbri place structure; changes selbri semantics

ZO

ZO 1-word quote quote next word only; quotes a single Lojban word (not a cmavo compound or tanru)

zo'a

FAhA4 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 inward location tense relation/direction; nearer than
.../inward/approaching from ...

zo'o

UI5 humorously attitudinal modifier: humorously - dully -
seriously (cf. xajmi, junri)

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'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 zunkte 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 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 (cf. karbi, frica. dukti)

zu'unai

UI*3 on the other hand discursive: on the one hand - on the other hand

zy

BY2 z letteral for z