# A morpheme identifier for Udi (W. Schulze 2012)

**Note: Derivational morphemes and phonetically conditioned allomorphs have been neglected. Allomorphs are marked by italics**

| | Morpheme | Referential Center | | | Clitics | Relational Center |
|---|---|---|---|---|---|---|
| | | **Basic referentiality (nouns)** | **Qualifying referentiality (nominalized forms)** | **Speech Act Particpants (personal pronouns)** | | **Verbs** |
| *-a₁* | -V | dative1 | | dative1 | | optative |
| *-a₂* | -(V)y | | genitive | | | |
| *-a₃* | -a₃ | | | | 3sg:s=a:quest | |
| *-ač'* | -Vč' | allative | | allative | | |
| *-al₁* | -Vl | superessive | | superessive | | |
| **-al₂** | -al₂ | | | | | future1; pres:fut:part |
| **-al₃** | -al₃ | | | | focus | |
| **-alal** | -alal | | | | | future1-future1; future1-foc |
| **-am** | -am | | | | | converb:post |
| **-ama** | -ama | | | | | converb:post |
| **-amin** | -amin | | | | | converb:post |
| *-ast'a* | -Vst'a | adessive | | adessive | | |
| **-at'an** | -at'an | | | | | converb:ante/par |
| *-ax* | -Vx | dative2 | | dative2 | | converb:final |
| *-axo* | -Vxo (V.) | ablative | | ablative | | |
| *-axol* | -Vxol | comitative | | comitative | | |
| *-axun* | -Vxun (N.) | ablative-comitative | | | | converb:par |
| *-ay₁* | -(V)y | genitive | genitive | | | |
| *-ay₂ (-a-y)* | -ay₂ (-a-y) | | | | | optative-past |
| *-ay₃* | -ay₃ | | | | | conjunctive |
| *-aynak'* | -Vynak' (N.) | benefactive | benefactive | benefactive | | |
| **-beš-** | -beš- | | | 1pl:gen | 1pl:poss | |
| **-bez-** | -bez- | | | 1sg:gen | 1sg:poss | |
| *-e₁ < -ey* | -(V)y | genitive | | | | |
| *-e₂* | -V | datve 1 | | | | |
| **-e₃** | -e₃ | | | | | perfect |

| | | | | | | |
|---|---|---|---|---|---|---|
| **e₄-** | e₄- | | | | | pv 'hither' |
| **-e₅-** | -e₅- | | | | | lv:intr:pres / mediopass |
| ***-e₆-*** | -ne | | | | 3sg:s=a | |
| **-eᶜf-** | -eᶜf- | | | 2pl:gen | 2pl:poss | |
| **-ec-** | -ec- | | | | | lv:intr:past / mediopass |
| ***-eč'*** | -Vč' | allative | | | | |
| **-eğ-** | -eğ- | | | | | lv:fut (esun) |
| ***-el*** | -Vl | superessive | | | | |
| **-en₁** | -en₁ | ergative-instrum. | | | | |
| **-en₂** | -en₂ | | | | | 1pl:adhort |
| **-enk'(ena)** | -enk'(ena) | benefactive | benefactive | benefactive | | |
| **-es** | -es | | | | | infinitive |
| ***-est'a*** | -Vst'a | adessive | | | | |
| **-esun** | -esun | | | | | masdar |
| ***-ev-*** | -ev- | | | | | causative |
| ***-ex*** | -Vx | dative2 | | | | |
| ***-ex-*** | -ex- | | | | | lv:pres (pesun) |
| ***-exo*** | -Vxo (V.) | ablative | | | | |
| ***-exol*** | -Vxol (V.) | comitative | | | | |
| ***-exun*** | -Vxun (N.) | ablative-comitative | | | | |
| ***-ey*** | -(V)y | genitive (-Vy) | | | | perfect-past |
| ***-eynak'*** | -(V)ynak' (N.) | benefactive | | | | |
| ***-ğ-*** | -ğ- | plural:obl | plural:obl | | | |
| **gi-** | gi- | | | | conditional | |
| ***-i₁*** | -V | dative1 | | | | |
| ***-i₂*** | -i₂ | | | | past | |
| ***-i₃*** | -i₃ | | | | | past (participle) |
| ***-i₄*** | -i₄ | | | genitive | | |
| ***-ič'*** | -Vč' | allative | | | | |
| ***-il*** | -Vl | superessive | | | | |
| ***-in₁*** | -en | ergative | ergative | | | |
| ***-in₂*** | -in₂ | genitive | | | | |
| ***-ist'a*** | -Vst'a | adessive | | | | |
| ***-ix*** | -Vx | dative2 | | | | |
| ***-ixo*** | -Vxo (V.) | ablative | | | | |
| ***-ixol*** | -Vxol (V.) | comitative | | | | |
| ***-ixun*** | -Vxun (N.) | ablative-comitative | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| **-l-** | -l- | stem augment obl. | | | | |
| **ma-** | ma- | | | | neg:prohibitive | |
| **-mu-** | -mu- | plural:old | | | | |
| **-n$_1$** | -n$_1$ | | | abs (nSAP(1)) | | |
| **-n$_2$-** | -n$_2$- | | stem augment:abs | | | |
| **-n$_3$-** | -n$_3$- | stem augment obl. | | | | |
| ***-n$_4$-*** | -nu- | | | | 2sg:s=a (-nu-) | |
| **nä-** | nä- | | | | neg:conditional | |
| **-nan-** | -nan- | | | | 2pl:s=a | |
| **-ne** | -ne | | | | 3sg:s=a | |
| **-nen** | -nen | | | | | 2pl:imp (esun) |
| **-nu-** | -nu- | | | | 2sg:s=a | |
| ***-o$_1$*** | -V | dative1:pl | dative:pl; | | | future2 |
| ***-o$_2$*** | -(V)y | genitive:pl | genitive:pl | | | |
| **-o$_3$** | -o$_3$ | | | | | future2 |
| **-o$_4$** | -o$_4$ | | abs:sg | | | |
| **-oal** | -oal | | | | | future2-future1 |
| ***-oč'*** | -Vč' | allative:pl | allative:pl | | | |
| ***-ol*** | -Vl | superessive:pl | superessive:pl | | | |
| | -or | | plural:abs | | | |
| ***-ost'a*** | -Vst'a | adessive:pl | adessive:pl | | | |
| ***-ox*** | -Vx | dative2:pl | dative2:pl | | | |
| ***-oxo*** | -Vxo (V.) | ablative:pl | ablative:pl | | | |
| ***-oxol*** | -Vxol (V.) | comitative:pl | comitative:pl | - | | |
| ***-oxun*** | -Vxun (N.) | ablative-compitative:pl | ablative-compitative:pl | | | |
| ***-oy*** | -(V)y | genitive:pl | genitive:pl | | | future2-past |
| **q'a-** | q'a- | | | | adhortative | |
| **-q'o- (V.)** | -q'o- (V.) | plural:old | | | | |
| **-q'o- (V.)** | -q'o- (V.) | | | | 3pl:io | |
| **-q'oy- (V.)** | -q'oy- (V.) | | | | 3pl:poss | |
| **-q'un- (V.)** | -q'un- (V.) | | | | 3pl:s=a | |
| **-sa$_1$** | -sa$_1$ | | | | | present |
| **-sa$_2$** | -sa$_2$ | | | | | modal (N.) |
| **-sa-y** | -sa-y | | | | | present-past |
| **ta-** | ta- | | | | | pv ‚thither' |
| **-t'-** | -t'- | | stem augment obl. | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| **-t'a-** | -t'a- | | [sa:obl + gen] | | 3sg:poss | |
| **-t'u-** | -t'u- | | [sa:obl + dat1] | | 3sg:io (V.) | |
| **-t'ux** | -t'ux | | | | 3Sg:io (N.) | |
| **-t'un- (N.)** | -t'un- (N.) | | | | 3pl:s=a | |
| **te-** | te- | | | | neg:assertive | |
| ***-u*** | -V | dative1 | dative1 | | | |
| ***-uč'*** | -Vč' | allative | allative | | | |
| ***-uk'-*** | -uk'- | | | | | lv:fut (pesun) |
| ***-ul*** | -Vl | superessive | superessive | | | |
| **-un** | -un | genitive | | | | |
| **-ur-** | -ur- | plural:old | | | | |
| ***-ust'a*** | -Vst'a | adessive (-Vst'a) | adessive | | | |
| ***-ux₁*** | -Vx | dative2 (-Vx) | dative2 | | | |
| ***-ux₂*** | -ux₂ | plural:abs | plural:abs (N.) | | | |
| ***-uxo*** | -Vxo (V.) | ablative | ablative | | | |
| ***-uxol*** | -Vxol (V.) | comitative | comitative | | | |
| ***-uxun*** | -Vxun (N.) | ablative-comitative | ablative-comitative | | | |
| **-va-** | -va- | | | | 2sg:io | |
| **-vaʕ-** | -vaʕ- | | | | 2pl:io | |
| **-vi-** | -vi- | | | 2sg:gen | 2sg:poss | |
| **-xo₁ (N.)** | -xo₁ (N.) | pl:abs | | | | |
| ***-xo₂*** | -ğo (N.) | pl:dat | | | | |
| **-ya-** | -ya- | | | | 1pl:io | |
| **-yan-** | -yan- | | | | 1pl:s=a | |
| ***-yi*** | -gi | | | | conditional | |
| ***-z-*** | -zu- | | | | 1sg:s=a (-zu-) | |
| ***-za-*** | -za- | | | | 1sg:io | |
| **-zu-** | -zu- | | | | 1sg:s=a | |