Occurrences of middle verbs in Hittite original texts

This appendix features the exhaustive list of middle forms attested in original texts on which the analysis carried out in this work is based (for the reasons discussed in fn. 106, here also forms from KBo 3.34 OH/NS are given). Forms are given in narrow transliteration. I also indicate whether individual forms co-occur with sentence particles, local adverbs, and/or the particle =*za*. For consistency's sake, lemmas are quoted as they appear in Part Two, and they are arranged alphabetically. For verbs that have both active and middle forms, only the latter are counted and listed.

āk-/akk-ⁱ, akkiške/a-ᵗᵗᵃ⁽ʳⁱ⁾/ᶻⁱ 'die'

Token frequency: 1 (MS), 19 (NS)

<u>MS</u>
PRS.3PL
[*ak-ka-*]*an-da-ri* (HKM 80 l. ed. 3-4, dubious reading)

<u>NS</u>
PRS.3SG
ak-ki-iš-ke-et-ta-ri (KUB 14.12 obv.5), *ak-ki-iš-ke-et-ta-ri* (6); =*kan a*[*k-k*]*i-iš-ke-et-ta-ri* (KUB 14.8 obv. 30), [*a*]*k-ki-iš-ke-et-ta-r*[*i*] (46), *ak-ki-iš-ke-et-ta-ri* (rev. 38), *ak-ki-iš-ke-et-t*[*a*]-*r*[*i*] (41); [*ak-ki-i*]*š-ke-et-ta-ri* (KUB 14.11 i 23); *ak-ki-iš-ke-et-ta-ri* (KUB 14.10+ i 12), *ak-ki-iš-ke-et-ta-ri* (13), *ak-ki-iš-ke-et-ta-ri* (iv 17); [*ak-k*]*i-iš-ke-et-ta-ri* (KUB 26.86 iii 1); *a*[*k*]-*kiš-ke-et-ta-ri* (KUB 14.13+ i 50), *ak-kiš-ke-et-ta-ri* (iv 19), *ak-ki-iš-ke-et-ta-a-ri* (50)

PST.3SG
ak-ke-eš-ke-et-ta-at (KBo 16.15 8); [*ak-ki-iš-ke-et-ta-at*] (KUB 14.12 obv. 3); *a*[*k-ki-iš-ke-et-ta-at*] (KUB 14.8 obv. 11-12); *ak-ki-iš-ke-ta-at* (KUB 14.14 i 9)

PST.3PL

ak-ki-i[*š-ka-an-ta-at*] (KUB 14.12 obv. 4); *ak-ki-i*[*š-ka-ant-ta-at*] (KUB 14.8 obv. 6-7)

ar-*ta(ri)* 'stand, be standing, stand up'

Token frequency: 12 (OS), 38 (MS), 72 (NS)

<u>OS</u>

PRS.1SG
ar-ḫa-ri (KBo 17.1+ i 7)

PRS.3SG
ar-ta-ri (KBo 17.3+ iii 35); [(*ar-ta*)] (KBo 17.15 rev. 13), *ar-ta* (14), *ar-ta* (15), *ar-ta* (24); *ar-ta* (KBo 25.69 rev. 4); *ar-ta* (KBo 3.34 ii 36, OH/NS; on the dating of this text see fn. 106)

PRS.3PL
 [*a*]-*ra-an-da-ri* (KBo 17.6 ii 15); *a-ra-an-da* (KBo 17.11+ i 6); *a-ra-an-da* (KBo 20.23 rev. 4); [*a-r*]*a-an-*[*ta-r*]*i* (KBo 3.34 ii 21, OH/NS)

<u>MS</u>

PRS.3SG
ar-ta (IBoT 1.36 i 18), *ar-ta* (19), *ar-ta-ri* (35), *kat-ta-an ar-ta* (76), [*ar-ta*] (ii 10), *ar-ta* (iii 12), *ar-ta* (31), *ar-ta* (iv 19), *ar-ta* (21), *ša-ra-a ar-ta-ri* (KBo 16.97 + KBo 40.48 rev. 3); *ar-ta-ri* (KUB 31.100 i 7)

PRS.1PL
EGIR-*an ar-wa-aš-ta* (KUB 17.21 iv 5); [*a*]*r-wa-aš-ta* (KBo 16.27 ii 3)

PRS.3PL
a-ra-an-ta-ri (HKM 36 obv. 4); *a-ra-an-ta-ri* (IBoT 1.36 i 12), *an-da a-ra-an-ta* (16), *a-ra-an-ta* (75), *a-ra-an-*[*ta*] (ii 2), *a-ra-an-ta* (3), *a-ra-*[*an-ta*] (9), *a-ra-an-ta* (iii 8), *a-ra-an-ta* (13), *a-ra-an-ta* (15), *a-ra-an-ta-ri* (32); *a-ra-*

an-ta (KBo 15.10 ii 75); [*a-r*]*a-an-ta-ri* (KUB 29.49 iv 2), *a-ra-an-da-ri* (44), *a-ra-an-ta-ri* (48); [*a-ra-an-da-ri*] (KUB 29.50 i 39), *a-r*[*a-an-da-ri*] (iv 37); *a-ra-an-da-*[*ri*] (KUB 29.51 iv 6)

IMP.2SG
ar-ḫu-ut (KUB 31.105 8)

IMP.2PL
[*a*]*r-du-ma-at* (KBo 17.21 ii 3); [*a*]*r-du-ma-at* (KBo 8.35 i 27); *ar-du-ma-at* (KUB 17.21 ii 9); *ar-du-ma-at* (KUB 29.44+ i 11)

PST.3SG
kat-ta-an ar-ta-at (IBoT 1.36 ii 20)

PST.3PL
a-ra-an-ta-at (KBo 50.4 obv. 7)

<u>NS</u>
PRS.1SG
[(E)]GIR-*an ar-ḫa-ḫa-ri* (KBo 4.8 iii 7); [*an*]-*da ar-ḫa-ḫa-r*[*i*] (KUB 31.68 rev. 50); *ar-ḫa-ḫa-ri* (KBo 16.98 ii 16)

PRS.2SG
[*ar-t*]*a-ti* (KUB 6.44+ iv 27); *ar-ta-ti* (KUB 57.8 rev. 18); *ar-ta-ti* (KUB 15.19 obv. 6); *ar-ta-ti* (KBo 19.43+ ii 10-11); *ar-ta-ti* (KBo 5.13 ii 7)

PRS.3SG
[*ar-t*]*a-ri* (KUB 15.17 i 16); *a-ra-aḫ-za ar-ta* (KUB 25.23 iv 47); *ar-ta-ri* (KUB 31.73+ iii 7), *ar-ta-r*[(*i*)] (14), *ar-ta-r*[(*i*)] (20); *ar-ta-r*[*i*] (KBo 11.1 obv. 8), *ar-ta-ri* (KUB 15.6 i 18); *ar-ta-ri* (KUB 31.77 iii 5); *ar-ta-ri* (KUB 14.4 ii 13), *ar-ta-ri* (18), *ar-ta-ri* (iii 18); *ar-ta-ri* (KUB 21.29 ii 10); *ar-ta-ri* (KUB 25.23 i 13); *ar-ta-ri* (KUB 60.97 i 11); *ar-ta-ri* (KBo 4.4 ii 45); *ar-ta-ri* (KUB 60.97 i 9); *ar-ta-ri* (KUB 21.42 iii 26); *ar-ta-ri* (KUB 25.23 l.ed. 1); *ar-ta-ri* (KUB 42.100 i 9), GUB-*ri* (iv 21); GUB-*ri* (KUB 48.118 14); *ar-ta-ri* (KUB 7.24+ i 3); *pe-ra-an ar-ta-ri* (KUB 26.45 rev. 27); *ša-ra-a ar-ta-ri* (KBo 4.8 ii 13); *še-er*

ar-ta-ri (KBo 11.1 obv. 6); *ar-ta-ri* (KUB 26.43 obv. 27); *ar-ta-ri* (Bo 86/299 iii 12), *ar-ta-ri* (22), *ar-ta-ri* (23), *ar-ta-ri* (30)

PRS.3PL
a-ra-an-ta-ri (KUB 26.89 12); *a-ra-an-ta-ri* (KUB 5.6 iii 21)

PST.1SG
ar-ḫa-ḫa-at (KUB 26.1 iii 30), [(*a-ar-ḫa-ḫ*)]*a-at* (KBo 4.2 iv 38-39)

PST.3SG
an-da ar-ta-at (KUB 1.1 iii 7); *ar-ta-a*[*t*] (KUB 19.11 i 13); *ar-ta-at* (KUB 15.5 + ii 39); *ar-ta-at* (KUB 21.1 iii 25); *ar-ta-at* (KUB 42.100 iv 14); *kat-ta-an ar-ta-at* (KUB 21.17+ i 12); *še-er ar-ta-at* (KBo 11.1 obv. 7); *še-ir ar-*[*ta-at*] (KUB 14.16 i 15)

PST.3PL
a-ra-an-[*ta-at*] (KBo 5.8 i 43), *a-ra-an-ta-at* (iii 14); *a-ra-an-a-at* (KUB 21.38 rev. 8); *a-ra-an-ta-at* (KBo 47.239 iv 13)

IMP.1SG
ar-ḫa ar-ḫa-ḫa-ru (KBo 4.14 iii 6)

IMP.2SG
[(*ar-ḫu-ut*)] (FHL 57+ iii 25); [*a*]*r-ḫu-u*[*t*] (KBo 5.4 i 11), [*ar-ḫu-ut*] (i 19), *ar-ḫu-ut* (i 20); *a-ar-ḫ*[*u-ut*] (KUB 6.44+ iv 27); *a-ar-ḫu-ut* (KBo 5.9 ii 18); *a-ar-ḫu-ut* (KBo 5.13 ii 8); *ar-ḫu-ut* (KUB 21.29 iii 10); *ar-ḫu-ut* (KUB 54.1 ii 1); *ar-ḫu-ut* (KBo 19.43+ i 32); *ar-ḫu-ut* (KUB 21.1 ii 67); *ar-ḫu-ut* (KBo 5.13 iii 10, to be emended as *arnut* cf. Friedrich 1926: 126)

IMP.3SG
ar-ta-ru (KUB 14.3 iii 14)

IMP.3PL
[*a-ra-a*]*n-da-ru* (KBo 22.39 iii 6); *a-ar-an-ta-ru* (KBo 4.12 rev. 2); *a-ra-an-da-ru* (KUB 26.43+ rev. 21)

ariyeške/a-*zi* 'determine by oracle', ariyeške/a-*tta(ri)* 'be determined by oracle'

Token frequency: 3 (NS)

NS

PRS.3SG
a-ri-eš-kat-ta-ri (KUB 5.6 ii 37), *a-re-eš-kat-ta-ri* (67)

PRS.3PL
a-re-eš-kan-ta-ri (KUB 5.6 ii 44)

ark-*a(ri)/i* 'mount'

Token frequency: 2 (OS)

OS

PRS.3SG
ar-kat-ta (KBo 22.2 obv. 9), [*ar-k*]*at-ta* (10)

aruwae-*zi* 'bow down'

Token frequency: 1 (MS)

MS

PST.1SG
=*aš-ta a-ar-wa-aḫ-ḫa-at* (HKM 73 rev. 29; on the dubious reliability of this example see discussion under *aruwae-*zi*)

ašāš-/ašeš-^i, ašeške/a-^zi 'settle (tr.)', ašeške/a-^tta(ri) 'be settled'

Token frequency: 1 (NS)

NS

PST.3SG
=*za a-še-eš-kat-ta-at* (KBo 14.19 ii 25)

asiwantēšške/a-^tta(ri) 'become poor'

Token frequency: 1 (NS)

NS

PLUR.PRS.3PL
a-ši-wa-an-te-eš-kan-ta-ri (KBo 4.14 ii 52)

āšš-^zi 'remain'

Token frequency: 2 (NS)

NS

PRS.3SG
a-ša-at-ta (KUB 15.6 ii 8; fragmentary context, the interpretation is not certain, see Neu 1968a: 19)

PST.3SG
=*kan a-aš-ta-at* (KUB 22.70 obv. 18)

aš(ša)nu-^zi 'take care of, finish, deliver', aš(ša)nu-^tta(ri) 'be taken care of'

Token frequency: 8 (MS), 1 (NS)

<u>MS</u>

PRS.3SG
=*kan* [*aš-nu-ut-t*]*a-ri* (KUB 29.44+ iii 25) , [=*kan aš-nu-ta-ri*] (34)

PRS.3PL
=*kan* [*aš-nu-wa-an-ta-ri*] (KUB 29.44+ ii 1), =*kan aš-nu-*[*wa*]*-an-ta-*[*ri*] (19), [=*kan aš-nu-wa-an-ta-ri*] (31), [=*kan aš-nu-wa-an-ta-ri*] (45),=*kan aš-nu-wa-an-ta-ri* (iii 15); =*kan aš-nu-wa-an-ta-ri* (KUB 29.40 ii 7)

<u>NS</u>

PRS.3SG
aš-ša-nu-ut-ta-ri (KBo 9.96 ii 3)

au-ⁱ/u-, uške/a-^{zi} 'see', u-^{a(ri)} 'be seen', uške/a-^{tta(ri)} 'be seen, watch out (with =za)'

Token frequency: 9 (NS)

<u>NS</u>

PRS.1SG
a[*-uš-ḫa-ḫa-at*] (KUB 31.121a ii 20)

PRS.3SG
u-wa-it-ta-ri (KUB 31.68 rev. 45, or belonging to *uwai-^{tta(ri)}* 'make feel sorry for' (see Neu 1968a: 185)

PST.3SG
=*kan u-wa-it-ta-at* (KUB 23.103 i 24, or belonging to *uwai-^{tta(ri)}* 'make feel sorry for' (see Neu 1968a: 185)

IMP.3PL
=*kan u-wa-an-da-ru* (KUB 21.19 iv 28)

PLUR.IMP.2SG
=*za uš-ga-aḫ-ḫu-ut* (KBo 19.43+ iii 49), =*za uš-ga-aḫ-ḫu-ut* (49), =*za uš-*
[*ga*]-*aḫ-ḫu-ut* (52), =*za uš-ga-aḫ-ḫ*[*u-u*]*t* (58)

PLUR.PST.3PL
uš-kan-[*t*]*a-at* (KBo 47.239 iii 11)

epp-/app-*zi* 'take', epp-/app-*ta(ri)* 'be taken, take each other'

Token frequency: 2 (NS)

<u>NS</u>

PST.3SG
ar-ḫa ap-pa-at-ta-at (KBo 2.2 ii 42)

PST.3PL
ar-ḫa ap-pa-an-ta-at (KBo 2.2 i 22)

irmaliye/a- *tta(ri)*, armaniye/a-, ermaniye/a- 'be(come) ill'

Token frequency: 1 (OS), 7 (NS)

<u>OS</u>

PRS.3SG
ar-ma-ni-ya-at-ta KUB 4.72 rev. 3 (but MS for *HPM*)

<u>NS</u>

PST.2SG

ir-ma-al-li-ya-at-ta-at (KBo 5.9 i 15)

PST.3SG
GIG-*at* (KBo 4.12 obv. 6), [G]IG-*at* (KUB 15.9 iii 6); *ir-ma-li-ya-at-ta-at* (KBo 3.4+ i 6), *ir-ma-li-at-ta-at* (13), *ir-ma-li-ya-at-ta-at* (ii 20), *ir-ma-li-ya-at-ta-at* (21)

eš-^{a(ri)} 'sit down, sit, settle (with =*za*)'

Token frequency: 20 (OS), 13 (MS), 49 (NS)

<u>OS</u>
PRS.3SG
e-ša (KBo 17.11+ iv 26); *e-ša* (KBo 17.15 rev. 20); *e-ša* (KBo 25.31ii 18); *e-ša* (KBo 20.14+ i 5); *e-ša* (KBo 25.35 iii 6); *e-ša* (Bo 6594 i 3); *e-ša* (KBo 20.10+ i 3); *e-ša* (KBo 20.10+ i 7); *e-ša* (KBo 20.10+ i 7); *e-ša* (KBo 20.10+ ii 3); *e-ša* (KBo 20.10+ ii 4); =*ša-an e-*[*ša?*] (KBo 20.18+ rev. 7); *e-*[*ša*] (KBo 20.39 rev. 9); *e-ša-ri* (KBo 3.22 rev. 79)

PRS.1PL
e-šu-wa-aš-ta (KUB 31.143 ii 36)

PRS.3PL
e-ša-an-ta (KBo 17.36+ iii 10); *e-ša-an-*[*ta*] (KBo 17.33+ i 9); *e-ša-an-ta* (KBo 25.58 ii 5); *e-ša-an-da* (KBo 20.10+ i 12), *e-ša-an-da* (ii 9)

PLUR.PRS.3PL
e-eš-kan-ta (KBo 3.34 iii 15, OH/NS)

<u>MS</u>

PRS.3SG
=*ša-an e-ša* (IBoT 1.36 ii 17); *e-ša-ri* (KBo 16.42 obv. 19); =*za e-ša-r*[*i*] (KUB 13.27 rev. 86), =*za=kan* [*e-ša-ri*] (rev. 87); =*za e-ša-r*[*i*] (KUB 26.19 ii 13),

=*za e-ša-ri* (14); =[*za*] [*e-eš*]-*ta-ri* (KUB 14.1 + KBo 19.38 obv. 20), =*za e-eš-ta*-[*ri*] (44), =*za e*-[*eš-ta-ri*] (rev. 19)

PRS.1PL
=*aš-ta e-šu-aš-ta* (KBo 16.25 i 82)

PST.3SG
=*za* [*e-eš*]-*ta-at* (KUB 14.1 + KBo 19.38 rev. 34)

IMP.2G
=*za e-eš-ḫu-ut* (KUB 14.1 + KBo 19.38 obv. 17)

PLUR.PRS.3SG
=*za e-eš-ki-i*[*t-t*]*a-ri* (HKM 10 obv. 5)

<u>NS</u>

PRS.1SG
=*za=kan e*-[*e*]*š-ḫa-ḫa-ri* (KBo 16.98 ii 12)

PRS.3SG
[=*z*]*a=kan e-ša-ri* (KUB 6.9+ i 15); [=*za=kan*] [*e-ša-ri*] (KUB 16.20 i 2); [*e-š*]*a-ri* (KUB 18.36+ ii 3); =*za e-ša-ri* (KUB 26.5+ iii 14); =*z*[*a=kan*] *e-ša-ri* (KUB 50.77+ obv. 7); =*za=kan e-ša-ri* (KUB 18.6 i 11); =*za=kan e-ša-r*[*i*] (KUB 18.36 11), =*za=kan e-ša-ri* (14); =*za e-ša-ri* (KBo 5.13 i 36); =*za e-ša-ri* (KUB 19.37 ii 19); =*za=kan e-ša-ri* (KBo 2.2 i 32)

PST.1SG
[=*za=kan*] *e-eš-ḫa-ḫa-at* (KUB 21.1 i 44); =*za=kan* [*e-eš-ḫa-ḫa-at*] (KBo 19.70 i 20); =*za=kan* [*e-eš-ḫa-ḫa-at*] (KUB 21.49 obv. 9); =*za=kan e-eš-ḫa-at* (KBo 3.4+ i 3), =*za=kan e-eš-ḫa-at* (19), =*za=kan e-eš-ḫa-at* (28); [=*za=kan*] [*e-eš-ḫ*]*a-at* (KUB 14.16 i 9), [=*za=kan*] *e-eš-ḫa-at* (12); =*za=kan e-eš-ḫa-ḫa-at* (KBo 4.7 i 11); [=*za=kan*] *e-eš-ḫa-at* (KBo 4.4 iv 66); =*za=kan* [*e-eš-ḫ*]*a-at* (KBo 5.8 ii 35), =*za=kan e-eš-ḫa-at* (40); =*za iš-ḫa-ḫa-at* (KUB 31.71 ii 2)

PST.3SG
=za=kan e-ša-at (KBo 3.4+ i 5), *=za=kan e-ša-at* (12), *=za=kan e-ša-at* (14), *=za e-ša-at* (iii 61); *=za=kan* [*e-ša-at*] (KUB 14.16 ii 13); *=za=kan e-ša-at* (KUB 1.1 i 23); *e-ša-at* (KBo 4.12 obv. 14); [*=za*] *e-ša-*[*at*] (KUB 14.13+ i 36); *=za=kan e-ša-at* (KUB 23.103 rev. 12); *e-ša-at* (KUB 26.43 obv. 13); *e-ša-at* (KBo 6.29 i 23); *=za e-ša-at* (KBo 2.5 i 1); *=za=kan e-ša-at* (KBo 5.8 iii 5); *e-eš-ta-at* (KBo 5.8 ii 15); *=za e-ša-*[*at*] (KUB 19.37 iii 13), *=za e-ša-at* (28); *e-ša-at* (KUB 19.15+ ii 2)

PST.3PL
e-ša-an-da-at (KUB 19.37 iii 5); *=za e-ša-an-ta-at* (KBo 5.8 ii 13), *=za e-ša-an-ta-at* (18), *e-ša-an-ta-at* (ii 25); *e-ša-an-ta-at* (KUB 26.50 rev. 2)

IMP.3SG
e-ša-ru (KUB 14.3 ii 72), *e-ša-ru* (76)

ḫaliye/a-*zi* 'kneel down'

Token frequency: 6 (NS)

<u>NS</u>

PST.2SG
[*ḫ*]*a-li-at-ta-at* (KUB 19.49 i 39)

PST.3SG
kat-ta-an ḫa-li-ya-at-[*ta-at*] (KBo 5.8 ii 1)

PST.3PL
ḫa-a-li-ya-an-da-at (KBo 4.4 iii 47); *kat-ta-an ḫa-li-ya-an-da-at* (KUB 14.16 iii 47), *kat-ta-an ḫa-a-li-ya-*[(*an-da-at*)] (iii 49);

PLUR.PST.3SG
ḫa-a-li-iš-ka-at-ta-ri (KUB 5.6 ii 51)

ḫalzai-^{i} 'shout, call', ḫalzi-$^{a(ri)}$ 'be called'

Token frequency: 7 (OS), 1 (MS), 3 (NS)

<u>OS</u>

PRS.3SG
[ḫal-(*zi-ya*)] (KBo 17.11+ iv 17), [(ḫal-zi-ya)] (26), [(ḫal-z)]*i-ya* (29); ḫal-zi-ya (KBo 17.19+ ii 13); ḫ[*al*]-*zi-ya* (Kbo 20.10+ i 6), ḫ[*al*]-*zi-ya* (ii 2); ḫal-zi-ya (KBo 25.92 rev. 7)

<u>MS</u>

PRS.3SG
ḫal-zi-ya-ri (KUB 45.47 + iv 8)

<u>NS</u>

PRS.2SG
=*za* ḫal-zi-ya-at-ta-ri (KUB 26.12 iii 18)

PRS.3SG
ḫa-zi-ya-ri (KUB 59.34 iii 3); ḫal-zi-ya-ri (KUB 25.22 iii 12)

ḫanna-^{i} 'sue, contest; judge'

Token frequency: 1 (MS), 2 (NS)

<u>MS</u>

PRS.3SG
ḫa-an-na-ri (KBo 16.25 ii 23)

<u>NS</u>

PRS.3SG
ḫa-an-na-ri (Bo 86/299 iv 25); *ḫa-an-na-ri* (KBo 4.10 ii 23)

ḫantae-ᶻⁱ 'align (tr.), determine, fix', *ḫandai-ᵗᵗᵃ⁽ʳⁱ⁾* 'align (intr.), be determined'

Token frequency: 10 (OS), 12 (MS), 189 (NS)

<u>OS</u>

PRS.3SG
[*ḫa-an-d*]*a-a-it-ta* (KBo 17.9+ obv. 8); =*aš-ta ḫa-an-d*[*a*]*-a-e-et-ta* (KBo 25.31 ii 11); [*ḫa*]*-an-da-a-it-ta* (KBo 20.9 obv. 9); =*aš-ta* [*ḫa-a*]*n-da-a-it-ta* (KBo 20.14+ i 9), =*aš-ta ḫa-an-d*[*a-a-it*]*-ta* (13); =*aš-ta ḫa-an-*[*da-a-it-ta*] (KBo 20.26+ i 18), [=*aš-ta*] *ḫa-an-da-a-it-ta* (22); [*ḫ*]*a-an-da-a-it-ta* (KBo 25.35 iii 1); [*ḫa-a*]*n-da-a-i*[*t-ta*] (KBo 25.37 iv 4); [*ḫa-an-da*]*-a-it-ta* (KBo 25.147 obv. 14)

<u>MS</u>

PRS.3SG
ḫa-an-da-it-ta-ri (IBoT 1.36 i 40), =*kan ḫa-an-da-a-*[*it*]*-t*[*a-r*]*i* (iii 44), [*ḫa-an-da-it-t*]*a-ri* (47), *ḫa-an-da-a-it-ta* (iv 20), *ḫa-a*[*n*]*-da-it-ta-ri* (22); [*ḫa-an-d*]*a-a-it-ta-ri* (HKM 85 rev. 7); *ḫa-an-da-a-it-ta-ri* (KBo 16.97 + KBo 40.48 rev. 39), *ḫa-an-da-a-it-ta-ri* (42)

PST.3SG
ḫa-an-da-it-ta-at (KUB 14.1 + KBo 19.38 obv. 56), =*za ḫa-an-da-it-ta-at* (rev. 90); *ḫa-an-da-i-it-ta-at* (HKM 47 16)

IMP.3SG
[*ḫa-an*]*-da-it-ta-ru* (KBo 22.26 3)

<u>NS</u>

PRS.3SG

SIxSÁ-[*ta*]-*ri* (KBo 2.2 ii 32-34); ḫ*a-an-da-it-ta-a-ri* (KBo 4.4 ii 29), ha-an-da-it-ta-a-ri (32); SIxSÁ-*ri* (KUB 15.19 obv. 8); ḫ*a-an-ta-it-ta-ri* (KUB 15.28 ii 3); SIxSÁ-*ri* (KUB 16.31+ i 45); SIxSÁ-ri (KUB 16.32 obv. 13); SIxSÁ-*ri* (KUB 16.58 iii 2); SIxSÁ-*ri* (KUB 18.6 i 8), SIxSÁ-*ri* (8); SIxSÁ-*ta-ri* (KUB 22.70 obv. 50), SIxSÁ-*ri* (rev. 46); SIxSÁ-*ri* (KUB 40.77 obv. 20); SIxSÁ-*ri* (KUB 48.119 obv. 7); SIxSÁ-*ri* (KUB 5.1 i 61), SIxSÁ-*ri* (81) SIxSÁ-*ri* (iii 20); SIxSÁ-*ri* (KUB 5.6 iv 8); SIxSÁ-*ri* (KUB 50.6 iii 54); SIxSÁ-*ri* (55)

PST.3SG

SIxSÁ-*at* (KBo 14.21 i 7), SIxSÁ-*at* (28), SIxSÁ-*at* (55), SIxSÁ-*at* (66), SIxSÁ-*at* (79), [SIxSÁ-*at*] (ii 3), SIxSÁ-*at* (12), SIxSÁ-*at* (26), SIxSÁ-*at* (44), SIxSÁ-*at* (63), SIxSÁ-*at* (iii 55); SIxSÁ-*at* (KBo 16.98 i 10), SIxSÁ-*at* (18); SIxSÁ-*at* (KBo 2.2 i 5), SIxSÁ-*at* (30), SIxSÁ-*at* (ii 20), SIxSÁ-*at* (22), SIxSÁ-*at* (23), SIxSÁ-*at* (30), SIxSÁ-*at* (52), SIxSÁ-*at* (iii 11), SIxSÁ-*at* (31), SIxSÁ-*at* (iv 24); SIxSÁ-*at* (KBo 2.6 i 31), SIxSÁ-*at* (iii 42), SIxSÁ-*at* (iv 23); SIxSÁ-*at* (KBo 33.126 rev. 5); SIxSÁ-*at* (KBo 4.2 iii 44), SIxSÁ-*at* (50), SIxSÁ-*at* (53), SIxSÁ-*at* (iv 34); ḫ*a-an-da-it-ta-at* (KBo 4.4 ii 51), ḫ*a-an-da-it-ta-at* (55); SIxSÁ-*at* (KBo 4.8 ii 11), SIxSÁ-*at* (7), SIxSÁ-*at* (8); [SIxS]Á-*at* (KBo 9.151 3), SIxSÁ-*at* (4); ḫ*a-an-da-a-et-ta-at* (KUB 14.8 obv. 40); SIxSÁ-*at* (KUB 15.1 i 14), SIxSÁ-*at* (ii 14); SIxSÁ-*at* (KUB 15.28 iii 9); SIxSÁ-*at* (KUB 15.3 i 4); SIxSÁ-*at* (KUB 16.31+ i 43), SIxSÁ-*at* (44), SIxSÁ-*at* (71), SIxSÁ-*at* (79), SIxSÁ-*at* (ii 31), SIxSÁ-*at* (51), SIxSÁ-*at* (iii 6), SIxSÁ-*a*[*t*] (6); SIxSÁ-*at* (KUB 16.32 obv. 18), SIxSÁ-*at* (19), [SIx(SÁ-*at*)] (23), [SI]xSÁ-*at* (27); SIxSÁ-*at* (KUB 16.46 i 9), SIxSÁ-*at* (10), SIxSÁ-*at* (18), SIxSÁ-*at* (iii 1), SIxSÁ-*at* (iv 12), SIxSÁ-*at* (13); SIxSÁ-*at* (KUB 16.58 ii 9); SIxSÁ-*at* (KUB 19.23 rev. 7); SIxSÁ-*at* (KUB 19.5+KBo 19.79 obv. 13); SIxSÁ-*at* (KUB 22.13 2), SIx[SÁ-*at*] (8), SIxS[Á-*at*] (9); SIxSÁ-*at* (KUB 22.35 ii 8), [SIxSÁ]-*at* (12), SIxSÁ-*at* (12), SIxSÁ-*at* (iii 19); [SI]xSÁ-*at* (KUB 22.70 obv. 4), SIxSÁ-*at* (7), [SIxSÁ-*at*] (45), SIxSÁ-*at* (76), SIxSÁ-*at* (77), SIxSÁ-*at* (rev. 19), SIxSÁ-*at* (21), SIxSÁ-*at* (29), SIxSÁ-*at* (30), SIxSÁ-*at* (33), [SIxSÁ-*at*] (33), SIxSÁ-*at* (34), SIx[SÁ-*at*] (43), SIxSÁ-*at* (43), SIxSÁ-*at* (43), SIxSÁ-*at* (45), SIxSÁ-*at* (45), SIxSÁ-*at* (63); ḫ[*a-an-da-et-ta-at*] (KUB 26.86 iii 9), ḫ*a-an-da-a-e*[*t-ta-at*] (12), [ḫ*a-an-da-e*]*t-ta-at* (19); SIxSÁ-*at* (KUB 31.66 i 11), SIxSÁ-*at* (23); SIxSÁ-*at* (KUB 48.119 obv. 14); SIxSÁ-*at* (KUB 48.123 i 22); ḫ*a-an-da-it-ta-at* (KUB 5.11 i 25), [SIxSÁ]-*at*

(26), [SIxSÁ]-*at* (iv 49); SIxSÁ-*at* (KUB 5.6 i 6), SIxSÁ-*at* (6), SIxSÁ-*at* (7), SIxSÁ-*at* (26), SIxSÁ-*at* (31), SIxSÁ-*at* (31), SIxSÁ-*at* (38), SIxSÁ-*at* (ii 6), SIxSÁ-*at* (12), SIxSÁ-*at* (13), SIxSÁ-*at* (15), SIxSÁ-*at* (16), SIxSÁ-*at* (16), SIxSÁ-*at* (36), SIxSÁ-*at* (42), SIxSÁ-*at* (43), SIxSÁ-*at* (45), SIxSÁ-*at* (49), SIxSÁ-*at* (71), [SIxSÁ-*at*] (71), [S]IxSÁ-*at* (iii 4), SIxSÁ-*at* (60), SIxSÁ-*at* (60), SIxSÁ-*at* (60), SIxSÁ-*at* (61), SIxSÁ-*at* (67), SIxSÁ-*at* (74), [SIxSÁ-*at*] (iv 1), SIxSÁ-*at* (iv 1), SIxSÁ-*at* (3), SIxSÁ-*at* (8), SIxSÁ-*at* (13), SIxSÁ-*at* (17), SIxSÁ-*at* (19), [SIxSÁ-*at*] (20), SIxSÁ-*at* (20), SIxSÁ-*at* (left. ed. 7), SIxSÁ-*at* (7); SIxSÁ-*at* (KUB 50.6 ii 31), [SIxSÁ-*a*]*t* (33), SIxSÁ-*at* (35), SIxSÁ-*at* (48), SIxSÁ-*at* (49), SIxSÁ-*at* (50), SIxSÁ-*at* (51), S[IxSÁ-*at*] (55), SIxSÁ-*at* (57), SIxSÁ-*at* (iii 7), SIxSÁ-*at* (16), SIxSÁ-*at* (24), SIxSÁ-*at* (28), SIxSÁ-*at* (31), SIxSÁ-*at* (32), SIxSÁ-*at* (33), SIxSÁ-*at* (35), SIxSÁ-*at* (37), SIxSÁ-*at* (39), SIxSÁ-*at* (47); SIxSÁ-*at* (KUB 50.87 obv. 8), SIxSÁ-*at* (rev. 7), SIxSÁ-*at* (12), SIxSÁ-*at* (13); SIxSÁ-*at* (KUB 52.44 obv. 6), SIxSÁ-*at* (16)

PST.3PL
SIxSÁ-*an-da-at* (KBo 4.2 iv 10); SIxSÁ-*an-ta-at* (KUB 5.6 ii 41), SIxSÁ-*an-ta-at* (58), SIxSÁ-*an-ta-at* (iv 10); SIxSÁ-*an-ta-at* (KUB 54.1 i 45)

IMP.3SG
[SIxSÁ-*a*]*t*-[*t*]*a-ru* (KBo 55.25 i 24)

PLUR.PRS.3SG
SIxSÁ-*kit-ta-ri* (KUB 22.13 3)

ḫapp-*zi* 'work out (succeed), join (tr.) (?)', ḫapp-*(t)a(ri)* 'join (intr.), work out (succeed)'

Token frequency: 1 (OS), 4 (MS), 2 (NS)

OS

IMP.3SG
ḫa-ap-pa-ru (KBo 25.123 8)

<u>MS</u>

PST.3SG
=kan *ḫa-ap-da-at* (KBo 18.54 rev. 15)

PRS.3SG
=kan *ḫa-ap-da-ri* (KBo 18.54 rev. 19), =kan *ḫa-ap-da-ri* (21), =kan *ḫa-ap-da-ri* (left ed. 1)

<u>NS</u>

PST.3SG
=kan *ḫa-ap-ta-at* (KUB 1.1 ii 76); *ḫa-ap-ta-at* (KUB 21.27 i 12)

ḫarra-*i* 'grind, splinter up (wood), crush (bread), destroy', ḫarra-*tta(ri)* 'be destroyed, go to waste'

Token frequency: 1 (MS)

<u>MS</u>

PRS.3SG
ḫar-ra-at-t-a-ri (KUB 23.77 obv. 38)

ḫarp-*tta(ri)* 'separate and re-associate oneself, join (intr.)', ḫarp-*zi* 'join (tr.)'

Token frequency: 2 (OS), 2 (NS)

<u>OS</u>

PRS.3G
ḫar-ap-ta (KBo 6.2 + iii 48), *ḫar-ap-ta* (49)

NS

IMP.2SG
=kan ḫa[r]-p[i-y]a-aḫ-ḫu-ut (KUB 21.27 iv 43); =kan ḫar-pi-ya-aḫ-ḫu-ḫut (KUB 6.45 iii 72)

*ḫaššuezziye/a-^tta(ri)/zi 'be(come) king'

Token frequency: 7 (NS)

NS

PRS.1SG
LUGAL-iz-zi-aḫ-ḫa-ri (Bo 86/299 ii 52)

PST.1SG
LUGAL-iz-zi-aḫ-ḫa-at (Bo 86/299 i 99), LUGAL-i-zi-aḫ-ḫa-at (ii 31), LUGAL-iz-zi-aḫ-ḫa-at (57); LUGAL-ez-zi-aḫ-ḫa-at (KUB 23.112 i 1); LUGAL-iz-zi-aḫ-ḫa-at (Kbo 4.12 obv. 31); LUGAL-iz-zi-ya-aḫ-ḫa-ḫa-at (KUB 23.99 obv. 3)

ḫatt-^a(ri), ḫatta-^i 'prick'

Token frequency: 2 (OS)

OS

PRS.3SG
ḫa-at-ta-ri (KBo 25.29 ii 4)

PRS.3PL
ḫa-at-ta-an-ta (KBo 25.29 ii 6)

ḫi(n)k-^a(ri), ḫai(n)k-^tta(ri) 'bow (intr.)'

Token frequency: 8 (OS), 2 (MS)

<u>OS</u>

PRS.3SG
ḫi-in-ga (Bo 6594 i 13); *ḫ[e-e]k-ta* (KBo 20.10+ i 4), *ḫe-ek-ta* (5), *ḫe-ek-ta* (6); *ḫi-in-ga* (KBo 20.11 ii 5), *ḫi-in-ga* (iii 4); (possibly also *ḫa-i[(k-ta-ri)]* (KUB 36.100 ii 19, OS?) and *ḫa-ik-[ta-r(i)]* (20), cf. fn. 122).

PRS.3PL
ḫi-in-kán-ta (KBo 13.175 rev. 4), *ḫi-in-kán-[ta]* (KUB 34.115 iii 11); (possibly also [(*ḫa-in-kán-*)]*ta*: the ending *-ta* is visible in the OS manuscript KBo 17.11+ i 19, while the verb is restored after the NS duplicate KBo 17.74+, cf. Neu 1983: 65 fn. 283).

<u>MS</u>

PRS.3PL
ḫi-in-kán-ta (IBoT 1.36 ii 17), *ḫi-in-kán-ta* (24)

ḫišwai-*tta(ri)?* '(be) open'

Token frequency: 1 (MS)

<u>MS</u>

PRS.3PL
ḫi-iš-wa-an-da-ri (ABoT 1.60 obv. 17)

ḫulāliye/a-*zi* 'entwine, encircle', ḫulāliye/a-*tta(ri)* 'be encircled'

Token frequency: 1 (MS)

<u>MS</u>

PST.3SG
ḫu-u-la-li-it-ta-at (IBoT 1.36 iii 54)

ḫuett(i)-*ᵃ⁽ʳⁱ⁾*, ḫuettiye/a-*ᶻⁱ/ⁱ* 'draw, pull'

Token frequency: 5 (OS), 2 (NS)

<u>OS</u>

PRS.3SG
ḫu-it-ti-ya-ti (KBo 3.22 rev. 54), *ḫu-u-e-iz-za-aš-ta* (KBo 37.26 2)

PRS.3PL
[*ḫu-e-et-ti-an-ta*] (KUB 29.30 + iii 6), *ḫu-e-et-ti-an-ta* (6); *ḫu-u-it-ti-ya-an-ta* (KUB 29.35 iv 15)

<u>NS</u>
PRS.3SG
[*ḫ*]*u-it-ti-at*-[*ta-ri*] (KUB 21.19 ii 18)

PST.3SG
[*ḫu-it-ti-*]*ya-at-ta-at* (KUB 1.1 iii 15)

ARAD-*(n)aḫḫ-*ⁱ 'enslave, subjugate', ARAD-*(n)aḫḫ-*ᵗᵗᵃ⁽ʳⁱ⁾ 'become a slave'

Token frequency: 6 (NS)

<u>NS</u>
PRS.3SG
=*aš-ta* ARAD-*aḫ-ta-ri* (Bo 86/299 ii 31)

PST.1SG

[ARAD-*a*]*ḫ-ḫa-ḫa-at* (KUB 1.1 iii 6)

PST.3PL
[ARAD-*na-aḫ-ḫa-a*]*n-da-at* (KBo 14.19 iii 16); ARAD-*aḫ-ḫa-an-da-at* (KUB 26.43 rev. 2)

PST.3SG
ARAD-*aḫ-ta-at* (KBo 50.28 i 3)

IMP.2SG
ARAD-*aḫ-ḫu-ut* (KUB 1.1 iii 5)

ḫuwai-*i* **'move'**

Token frequency: 2 (MS), 1 (NS)

<u>MS</u>

PRS.2PL
pa-ra-a ḫu-ya-ad-du-ma (KUB 23.72 rev. 20)

IMP.3PL
pa-ra-a [*ḫu-ya-an-ta-ru*] (KUB 23.72 rev. 20)

<u>NS</u>

PRS.3SG
ḫu-u-i-ya-at-ta (KUB 21.1 iii 65)

ye/a-*tta(ri)* **'go, march'**

Token frequency: 3 (OS), 31 (MS), 64 (NS)

<u>OS</u>

PRS.3SG
i-e-et-ta (KBo 17.43 i 10)

PRS.3PL
i-e-en-ta (KBo 22.1 i 14)

IMP.3SG
i-ya-aḫ-ḫu-ut (KBo 8.42 obv. 16)

<u>MS</u>

PRS.3SG
i-ya-at-ta (IBoT 1.36 ii 11), *i-ya-at-ta* (33), *i-ya-a-ta* (62); *i-a*[*t-ta-ri*] (HKM 25 obv. 8); [*i-ya-at-ta-ri*] (HKM 37 obv. 2); *i-at-ta-r*[*i*] (HKM 8 u. ed. 14); *kat-ta-an i-ya-at-ta-ri* (KUB 13.27 obv. 45); *i-ya-at-ta* (KUB 26.17 ii 11)

PRS.3PL
i-ya-an-ta (IBoT 1.36 ii 32), *i-ya-an-ta* (35), *i-ya-an-ta* (38), *i-ya-an-ta* (45), *i-ya-an-ta-ri* (47), *i-ya-an-ta* (50), *kat-ta i-ya-an-ta* (51), *i-ya-an-ta* (54), *i-ya-an-ta* (56), *i-ya-an-ta* (58), *i-ya-an-ta* (iii 19), [EGIR-*an i-ya-a*]*n-ta* (iii 46), EGIR-*an* [*i-ya-a*]*n-ta* (iv 2); *i-ya-an-da-ri* (HKM 10 obv.19), *i-ya-an-da-ri* (21); *i-ya-an-da-r*[*i*] (HKM 27 l. ed. 2); [*kat-ta-an*] *i-ya-an-ta-ri* (KBo 16.47 obv. 6); *i-ya-an-ta-ri* (KUB 13.27 obv. 26)

PST.3PL
=*kan an-da i-ya-*[*an-ta-at*] (KUB 14.1 + KBo 19.38 rev. 35); =*kan i-ya-an-ta-at* (KUB 17.21 ii 12)

IMP.3SG
an-da i-ya-at-ta-ru (KUB 23.72 rev. 19)

IMP.2PL
i-ya-ad-du-ma (KUB 23.72 rev. 55)

IMP.3PL

[*kat-t*]*a-an i-ya-an-ta-ru* (KBo 8.22 obv. 9)

NS

PRS.1SG
i-ya-aḫ-ḫa-ri (KUB 14.11 iii 16)

PRS.3SG
i-ya-at-ta-[*ri*] (KBo 4.4 iii 69); [*i*]*š-tar-na ar-ḫa i-ya-at-ta-ri* (KBo 5.4 ii 37); *i-*[*ya-at-ta-ri*] (KBo 6.28 rev. 25); [(*pi-r*)]*a-an* EGIR-*pa i-ya-at-ta-ri* (KUB 15.17 i 5); *i-ya-at-ta-ri* (KUB 15.3 i 3);*=kan še-er ar-*[*ḫa*] *i-ya-ad-da-ri* (KUB 19.23 rev. 8); [*p*]*i-ra-an* EGIR-*pa i-ya-at-ta-ri* (KUB 22.70 rev. 28); *=kan* EGIR-*pa* GIN-*ri* (KUB 5.1 i 6), *=kan* GIN-*ri* (61), GIN-*ri* (iv 89); [*i-ya-a*]*t-ta-ri* (KUB 5.6 ii 8), *i-ya-at-ta-ri* (9); *=kan ša-ra-a i-ya-ad-da-ri* (KBo 5.9 ii 32), *i-ya-at-ta-ri* (iii 14); *ša-ra-a i-y*[*a-a*]*t-ta-*[*ti*] (KBo 19.43+ iii 61); *=kan iš-tar-na ar-ḫa i-ya-ta-ri* (KUB 21.1 iii 53)

PRS.1PL
i-ya-u-wa-aš-ta (KBo 17.48 ii 6)

PRS.3PL
pe-ra-an EGIR-*pa i-ya-an-ta-ri* (KUB 6.45 iii 7), *pe-ra-an* EGIR-*pa i-ya-an-ta-ri* (8); *ša-ra-a i-ya-an-ta-ri* (KUB 21.29 ii 8); *i-ya-an-*[*ta*]-*ri* (KUB 14.3 iii 38); *i-ya-an-ta-ri* (KUB 26.32 ii 4)

PST.1SG
i-ya-aḫ-ḫa-at (KBo 3.4 ii 15); *pa-ra-a i-ya-aḫ-ḫa-ḫa-at* (KUB 1.1 i 49), *i-ya-aḫ-ḫa-ḫa-at* (ii 80), *i-ya-aḫ-ḫa-ḫa-at* (81); [*i-ya-aḫ-ḫa-at*] (KBo 14.19 iii 25), *i-ya-aḫ-ḫa-at* (25); *=kan ar-ḫa i-ya-aḫ-ḫa-at* (KBo 4.4 ii 68), *i-ya-aḫ-ḫa-at* (iii 33), *pa-ra-a i-ya-aḫ-ḫa-at* (43); *i-ya-aḫ-ḫa-at* (KUB 14.16 ii 14); *i-ya-ḫa-at* (KUB 14.19 11); *i-ya-ḫa-aḫ-at* (KUB 14.4 iv 24); *an-da-an i-ya-aḫ-ḫa-at* (KUB 15.12 iv 5); *i-ya-aḫ-ḫa-at* (KUB 19.37 iii 12); *i-ya-aḫ-ḫa-at* (KUB 23.103 rev. 5); [*i-ya-aḫ-ḫa-at*] (KUB 23.36+ i 7); *p*[*e-r*]*a-an* [EGI]R-*pa i-ya-aḫ-ḫa-at* (KUB 14.10+ i 21); *i-ya-aḫ-ḫa-at* (KBo 5.8 i 25), *=kan iš-tar-na ar-ḫa i-ya-aḫ-ḫa-at* (32), *i-ya-aḫ-ḫa-at* (iii 21), *i-ya-aḫ-ḫa-at* (iv 11); *i-ya-aḫ-ḫa-at* (KBo 19.76 i 29)

PST.3SG
i-ya-at-t[*a-a*]*t* (KBo 16.36+ ii 4); *=kan ša-ra-a i-ya-at-ta-at* (KBo 4.2 iii 44); *i-y*[*a-at-ta-at*] (KUB 19.11+ i 2), *i-ya-at-ta-at* (5), [*i-ya-at-ta-at*] (iv 20), *i-ya-a*[*t-ta-at*] (22); *i-ya-a*[*t-ta-at*] (KUB 19.13+ ii 2); *pi-ra-an* EGIR-*pa i-ya-at-ta-at* (KUB 22.70 obv. 9), *ša-ra-a i-ya-at-ta-at* (obv. 77), [*pi-ra-an*] EGIR-*pa i-ya-at-ta-at* (obv. 79), *ša-ra-a i-ya-at-ta-at* (rev. 36); *i-ya-at-ta-at* (KBo 19.43+ iii 54); *i-ya-at-ta-at* (KBo 10.17 iv 4)

PST.3PL
kat-ta-an [*i*]-*ya-an-ta-at* (KBo 5.8 iv 8); *i-ya-an-ta-at* (KUB 14.19 6)

IMP.2SG
=kan EGIR-*an i-ya-aḫ-ḫu-ut* (KUB 22.70 obv. 37)

IMP.3SG
i-ya-at-ta-ru (Bo 86/299 iii 36); *i-ya-at-ta-ru* (KBo 4.10 i 44); *i-ya-at-ta-ru* (KUB 21.29 ii 14)

išiyaḫḫ-*i* 'denounce, reveal', *išiyaḫḫ-*ta(ri)* 'be revealed, appear'

Token frequency: 1 (NS)

<u>NS</u>

PST.3SG
=kan i-ši-ya-aḫ-ta-at (KUB 16.31+ iii 24)

ištamašš-*zi* 'hear', *ištamašš-*ta(ri)* 'be heard'

Token frequency: 1 (NS)

<u>NS</u>

PRS.3SG
iš-dam-ma-aš-ta-ri (KUB 21.29 iii 31)

ištar(ak)k-ᶻⁱ, ištar(ak)kiye/a-ᶻⁱ 'be(come) ill'

Token frequency: 1 (NS)

NS

PST.3SG
iš-tar-ki-ya-at-[*ta-at*] (KUB 14.16 iii 41)

ištu-ā⁽ʳⁱ⁾ 'get out, become known'

Token frequency: 1 (MS)

MS

PST.3SG
=(aš)ta ar-ḫa iš-du-w[*a-t*]*i* (KUB 23.11 iii 7)

išpānt-ⁱ / išpant- 'libate'

Token frequency: 1 (MS)

MS

PST.3PL
=aš-ta ši-pa-an-da-an-da-at (KBo 12.62 rev. 13)

ištāp-/ištapp-ⁱ 'plug up, block, shut', ištapp-ᵗᵃ⁽ʳⁱ⁾ 'be(come) closed'

Token frequency: 1 (MS)

<u>MS</u>

PRS.3PL
=*kan iš-tap-pa-an-da-ri* (ABoT 1.60 obv. 18)

ištarni(n)k-ᶻⁱ 'afflict', ištarni(n)k-ᵗᵃ⁽ʳⁱ⁾ 'become ill'

Token frequency: 1 (NS)

<u>OH/NS</u>

PST.3SG
iš-tar-ni-ik-ta-at (KBo 3.34 ii 39, OH/NS)

idalawēšš-ᶻⁱ 'become bad, evil'

Token frequency: 1 (MS)

<u>MS</u>

PLUR.PRS.3SG
i-da-a-la-u-eš-ke-et-ta (KuT 49 4)

kallarēšš-ᶻⁱ 'be inauspicious'

Token frequency: 1 (NS)

<u>NS</u>

PLUR.PRS.3SG
kal-la-re-eš-kat-ta-ri (KUB 5.6 iii 18)

kariye/a- ^{(tt)a(ri)} **'be(come) gracious towards'**

Token frequency: 1 (NS)

<u>NS</u>

PST.1SG
ka-[*ri-ya*]*-aḫ-ḫa-ḫa-at* (KUB 19.49 i 47)

karp(iye/a)- ^{zi} **'pluck, raise; finish (tr.)',** ***karp(iye/a)-*** ^{tta(ri)} **'be taken, raised, rise; finish (intr.)'**

Token frequency: 2 (NS)

<u>NS</u>

PRS.3SG
=*kan kar-ap-ta-ri* (KUB 6.45 iv 48); =*kan kar-ap-ta-ri* **(**KUB 22.40 iii 28)

karš(iye/a)- ^{zi} **'cut off, separate',** ***karš(iye/a)-*** ^{ta(ri)} **'be cut, stop (intr.); fail'**

Token frequency: 1 (MS), 2 (NS)

<u>MS</u>

PRS.3PL
[(*kar-ša-an-da-ri*)] (KUB 24.4 i 6)

NS

PRS.3SG
kar-aš-ta-ri (KUB 14.12 rev. 10)

PST.3PL
ar-ḫa [*k*]*ar-ša-an-ta-at* (KBo 47.239 iv 14)

kardimiye/a-^{tta(ri)} 'be(come) angry'

Token frequency: 1 (MS)

MS

PRS.3SG
ka[*r-di-mi-*]*ya-it-ta* (IBoT 1.36 i 49)

karūšš(iye/a)-^{zi} 'be(come) silent'

Token frequency: 2 (NS)[1]

NS

PRS.2SG
=*za*=*kan ka-ru-uš-ši-ya-ri* (KUB 61.4+ iii 60)

PST.3SG
=*za*=*kan ka-ru-uš-ši-ya-at-ta-at* (KUB 61.4+ iii 50)

ki-^{tta(ri)} 'lie; be laid'

Token frequency: 33 (OS), 18 (MS), 183 (NS)

OS

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1 The ending of *ka-ru-uš-ši-*[…] in KUB 19.15+ i. 25 is damaged, so that Miller's
    integration of the active preterite ending, *ka-ru-uš-ši-*[*ya-at*], must be taken as
    tentative, as one could also reconstruct a middle form in this passage.

PRS.3SG

ki-it-ta (KBo 17.1+ i 8), *ki-it-ta* (8), *an-da-an ki-it-ta* (9), *ki-it-ta* (31), *=ša-an ki-it-ta* (ii 20), *ki-it-ta* (iv 23), *ki-it-ta* (28), [(*ki-i*)]*t*-[*ta*] (29), *ki-it-ta* (29); *ki-it-ta* (KBo 17.7+ iv 4); *ki-it-ta* (KBo 17.11+ i 37), [[(*ki-it-ta*)]] (38); *=ša-an k*[*i-it-ta*] (KBo 20.8 iv 5), *ki-it-t*[*a*] (11); *ki-it-ta* (KBo 17.15 rev. 17), *=ša-an* [(*ki-it-ta*)] (17); [*k*]*i-it-ta* (KBo 25.98 11); *ki-it-ta* (KBo 8.74+ iii 8); *ki-it-ta* (KUB 36.104 iv 5), [*ki-it-ta*] (5); *ki-it-ta* (KBo 38.113 rev. 2); *ki-it-ta* (KBo 3.34 iii 18, OH/NS), *ki-it-ta* (18), *ki-it-ta* (19), [*ki-it-t*]*a* (21), *ki-it-ta* (21), *k*[*i-i*]*t-ta* (22), [*ki-it-t*]*a* (24), *ki-it-ta* (24), [*ki-it*]-*ta* (25)

PRS.3PL

ki-an-ta (KBo 20.8 i 15); *ki-an-da* (KBo 25.37 i 2); *ki-ya-an-ta* (Bo 3752 ii 15; MS for *HPM*)

<u>MS</u>

PRS.3SG

ki-it-t[*a*] (HKM 24 left ed. 2); *=š-an* [*ki-i*]*t-ta-ri* (KUB 45.47 + iv 5); *=ša-an* EGIR-*an ki-it-ta-ri* (ABoT 1.65 rev. 10), *ki-it-ta-r*[*i*] (14); *=aš-ta ki-it-ta-ri* (KBo 16.97 + KBo 40.48 rev. 10), *=ša-an ki-it-ta-ri* (left ed. 4a)

PRS.3PL

kat-ta-an ki-an-ta-ri (KUB 31.101 rev. 29)

PST.3SG

ki-it-ta-at (KUB 14.1 + KBo 19.38 obv. 2), [*ki-it-ta-at*] (rev. 63)

IMP.3SG

ki-it-t[*a-ru*] (KBo 16.27 ii 18); *ki-it-ta-*[*r*]*u* (KUB 26.20 i 9); *ki-it-ta-ru* (KBo 16.25 i 20); *ki-it-ta-r*[*u*] (KUB 13.1 A iii 8), *ki-it-ta-ru* (33); *ki-ta-ru* (KBo 18.51 16); *k*[*i-it-ta-ru*] (KBo 16.50 obv. 3), *ki-it-ta-ru* (21), *kat-ta-an ar-ḫa ki-it-ta-ru* (KBo 16.97 + KBo 40.48 obv. 11)

<u>NS</u>

PRS.3SG

=*kan* GAR-[*r*]*i* (KUB 16.31+ i 50), =*kan* G[AR-*r*]*i* (59), G[AR-*r*]*i* (iv 19), GAR-
ri (25), GAR-*ri* (31); *ki-it-ta-ri* (KBo 4.4 iv 5); *ki-it-ta-ri* (KUB 26.43 obv. 6);
ki-it-ta-ri (KBo 19.70+ 14), *ki-it-ta-ri* (21); *ki-it-ta-ri* (KBo 22.34+ 4); GAR-
ta-ri (Bo 86/299 i 90), GAR-*ri* (iv 50); GAR-*ri* (KUB 23.1+ left ed. 2); GAR-*ri*
(KUB 26.1+ iv 50); GAR-*ri* (KUB 5.1 i 10), GAR-*ri* (69), GAR-*ri* (77), GAR-*ri*
(83), GAR-*ri* (84), GAR-*ri* (94), GAR-*ri* (ii 16), GAR-*ri* (27), GAR-*ri* (31), GAR-
ri (50), GAR-*ri* (63), GAR-*ri* (70), GAR-*ri* (iii 18), GAR-*ri* (32), GAR-*ri* (36),
GAR-*ri* (69); GAR-*ri* (KUB 5.11 iv 52); *ki-it-ta-ri* (KBo 19.43+ ii 72); *ki-it-ta-ri*
(KUB 21.1. iv 5); *ki-i*[*t-ta-ri*] (KUB 22.35+ iii 16); GAR-*ri* (KUB 22.70 obv. 18),
GAR-*ri* (19), *ki-it-ta-ri* (38), GAR-*ri* (46); *ki-it-ta-ri* (KUB 25.23 i 12); GAR-*ri*
(KUB 26.8 iv 35); *ki-it-ta-ri* (KUB 31.68 rev. 19); GAR-*ri* (KUB 48.118 5),
GAR-*ri* (5), GAR-*ri* (6), GAR-*ri* (11); GAR-*ri* (KBo 14.21 i 27)

PRS.3PL

ki-an-da (KUB 23.36+ ii 18); *ki-an-ta-ri* (Bo 86/299 ii 60); [*ki-y*]*a-an-ta-ri*
(KUB 31.67 iv 11), *ki-ya-an-ta-ri* (12); *ki-ya-an-ta-ri* (KBo 14.21 i 47)

PST.3SG

ki-it-ta-at (KUB 22.70 obv. 20), =*kan an-da ki-it-ta-at* (21), =*kan* EGIR-*pa
ki-it-ta-at* (34); =*kan ki-it-ta-at* (KUB 6.44+ 15), *ki-it-ta-at* (KUB 6.41 iv 29)

PST.3PL

[(*ki*)]-*ya-an-ta-at* (KUB 23.36+ ii 22)

IMP.3SG

ki-it-ta-ru (KUB 26.1 i 62), *ki-it-ta-r*[*u*] (ii 64), GAR-*ru* (20), [GAR]-*ru* (42),
[GAR-*r*]*u* (53), *ki-i*[*t-ta-r*]*u* (58), GAR-*ru* (iii 31), GAR-*ru* (36), GAR-*ru* (52),
GAR-*ru* (57), [GAR-*ru*] (66), GAR-*ru* (iv 2), *ki-it-ta-ru* (6), [GAR-*ru*] (10),
GAR-*ru* (28), [GAR-*ru*] (37), GAR-*ru* (41), GAR-*ru* (45), GAR-*ru* (48); GAR-*ru*
(KUB 21.42 i 10), GAR-*ru* (18), GAR-*ru* (21), GAR-*ru* (26), GAR-*ru* (32), GAR-
ru (35), GAR-*ru* (35), GAR-*ru* (40), GAR-*ru* (ii 36), [GAR-*ru*] (iii 2), GAR-*ru*
(6), GAR-*ru* (12), GAR-*ru* (20), GAR-*ru* (23), GAR-*ru* (28), GAR-*ru* (31), GAR-
ru (35), GAR-*ru* (iv 2), [(GAR-*ru*)] (42), [GAR-*ru*] (50), G[AR-*ru*] (left ed. 5);
ki-it-ta-ru (KBo 19.70 i 4), *ki-it-ta-ru* (21), *ki-it-ta-ru* (62); *ki-it-ta-ru* (KBo

19.43+ iii 43); *ki-i*[*t-ta-ru*] (KUB 22.35+ iii 18), GAR-*ru* (18); GAR-*ru* (KBo 4.14 ii 16), GAR-*ru* (51), GAR-*ru* (72), GAR-*ru* (77), GAR-*ru* (iii 7), GAR-*ru* (41); *ki-it-ta-ru* (KUB 23.1 ii 7), GAM-*ru* (37), GAR-*ru* (iii 5), [GAR-*ru*] (18), [GAM-*ru*] (iv 22), [GAM-*ru*] (46), [GAM-*ru*] (left ed. 2); *ki-it-ta-ru* (FHL 57+ iii 56), *ki-it-ta-*[*ru*] (59); *kat-ta-an ar-ḫa ki-it-ta-ru* (KBo 4.3 iv 19); [*kat-ta-an ar-ḫa ki-it-ta-ru*] (KUB 19.54 21); *ki-it-ta-ru* (KUB 21.1 iii 72); GAR-*ru* (KUB 48.118 5), GAR-*ru* (5), GAR-*ru* (6), =*kan* GAR-*ru* (11); =*kan ki-it-ta-ru* (KBo 4.4 iv 5); =*kan* GAR-*ta-ru* (Bo 86/299 i 90), GAR-*ru* (iv 50); [GAR-*ru*] (KUB 26.8 i 37), GAR-*ru* (ii 2), GAR-*ru* (8), =*kan* GAR-*ru* (iv 35), GAR-*ru* (40); GAR-*ru* (KUB 5.1 i 10), GAR-*ru* (45), GAR-*ru* (69), GAR-*ru* (77), =*kan* GAR-*ru* (83), =*kan* GAR-*ru* (84), GAR-*ru* (94), GAR-*ru* (ii 16), GAR-*ru* (27), GAR-*ru* (31), GAR-*ru* (50), GAR-*ru* (52), GAR-*ru* (63), GAR-*ru* (70), =*kan* GAR-*ru* (iii 18), GAR-*ru* (32), =*kan* GAR-*ru* (36), =*kan* GAR-*ru* (69), =*kan* GAR-*ru* (iv 69); GAR-*ru* (KBo 4.10 i 38), *kat-ta-an ar-ḫa* GAR-*ru* (ii 16), *kat-ta-an ar-ḫa* GAR-*ru* (17); GAR-*ru* (KUB 5.11 iv 52); *kat-ta-an ar-ḫa ki-it-ta-ru* (KUB 6.41 ii 18); =*kan* [*ki-it-ta-ru*] (KUB 19.55+ obv. 35); *ki-it-ta-ru* (KBo 5.4 i 35), *ki-it-ta-ru* (ii 15), *ki-it-ta-r*[*u*] (32); *kat-ta ki-it-ta-ru* (KUB 25.23 i 12); GAR-*ru* (KUB 22.70 obv. 18), GAR-*ru* (19), =*kan* EGIR-*pa ki-it-ta-ru* (38), [*ar-ḫ*]*a* GAR-*ru* (46), *ar-ḫa* GAR-*ru* (48), GA[R-*ru*] (rev. 33); =*kan ki-it-ta-ru* (KUB 26.43 rev. 6), *ki-id-da-ru* (35); [GAR-*ru*] (ABoT 1.56 iii 15), GAR-[*ru*] (iv 9), [GAR-*ru*] (15); *ki-it-ta-ru* (KBo 19.43+ ii 72); *ki-it-ta-ru* (KUB 21.29 iii 16); *ar-ḫa ki-it-ta-ru* (KUB 31.68 rev. 19); *k*[*i-it-t*]*a-ru* (KUB 26.32 iii 5); GAR-*ru* (KUB 16.31+ iv 25), GAR-*ru* (31)

IMP.3PL
ki-an-ta-ru (Bo 86/299 ii 60); [*ki-y*]*a-an-ta-ru* (KUB 31.67 iv 11), *ki-ya-an-ta-ru* (KUB 31.67 iv 12)

kīš-^{a(ri)}, *kikkiš-*^{ta(ri)} 'become, happen'

Token frequency: 13 (OS), 21 (MS), 144 (NS); *kikkiš-*^{ta(ri)}: 1 (MS), 6 (NS)

<u>OS</u>

PRS.1SG

ki-iš-ḫa (KBo 22.2 rev. 15)

PRS.3SG
ki-i-ša (KBo 25.139+ rev. 7); *ki-ša-*[…] (KBo 17.22 ii 2); *ki-i-ša-ri* (KBo 17.1+ iv 9); *ki-i-š*[*a*] (KBo 6.2 ii 22), *k*[*i-ša-ri*] (iii 63); *ki-i-ša-ri* (KBo 3.22 obv. 22), *ki-i-ša-r*[*i*] (rev. 51); *ki-i-ša* (KBo 25.2 obv. 6); *ki-i-ša* (KUB 37.223 rev. 6)

PST.2SG
ki-iš-ta-at (KBo 6.2 ii 12)

PST.3SG
ki-i-[*ša-at*] (KBo 6.2 iii 1)

PST.3PL
ki-i-ša-an-ta-ti (KBo 6.2 ii 56)

<u>MS</u>

PRS.3SG
ki-ša-ri (HKM 84 obv. 18); *ki-ša-ri* (HKM 43 rev. 2); *ki-š*[*a-r*]*i* (KUB 1.11+ i 1);=*za ki-i-ša* (KUB 36.127 obv. 4); *ki-ša-ri* (KBo 8.35 ii 3); *ki-ša-ri* (IBoT 1.36 iii 70); *ki-ša-ri* (KBo 18.57a+57 obv. 14), *ki-ša-ri* (21); *ki-ša-ri* (KBo 16.97 + KBo 40.48 obv. 11), *ki-ša-ri* (14); *ki-ša-ri* (KuT 50 29); *ki-ša-ri* (KBo 8.55 21)

PST.1SG
=*za ki-iš-ḫa-at* (KBo 12.62 10)

PST.3SG
ki-ša-at (KBo 9.137 ii 23); *ki-ša-at* (HHCTO 1 11); *ki-ša-at* (ABoT 1.65 rev. 4), *ki-ša-at* (left ed. 1); *ki-iš-ša-at* (KUB 50.1 ii 25)

PST.3PL
=*za ki-i-ša-an-ta-at* (KBo 16.47 obv. 3); *ki-ša-an-da-ti* (KuT 49 6)

IMP.3PL
ki-ša-an-ta-ru (KUB 23.72+ rev. 10)

PRS.3SG
ki-ik-ki-iš-ta (KBo 50.1 iii 10)

<u>NS</u>
PRS.1SG
[*kiš-ḫa-ḫa-r*]*i* (KUB 21.42 iv 50); *kiš-ḫa-ḫa-ri* (KUB 26.12 ii 9)

PRS.2SG
[*ki-iš-ta-ti*] (KUB 19.54 19); [*=z*]*a ki-iš-ta-ti* (KBo 22.39 ii 8); *=za=kan ki-iš-ta-ti* (KBo 5.13 ii 6); [*k*]*i-iš-ta-t*[*i*] (KBo 5.4 i 8); *=za* [*ki*]*-iš-ta-ti* (KUB 19.50 iii 13); *=za ki-iš-ta-ti* (KBo 19.43+ ii 42); *=za ki-iš-ta-ti* (KUB 14.3 i 21)

PRS.3SG
=za [(*ki-ša-r*)*i*] (KUB 26.1 i 17), *=za ki-ša-ri* (iii 16); *ki-ša-ri* (Bo 86/299 i 97), *ki-ša-ri* (ii 2); *ki-ša-ri* (KBo 5.9 ii 19); *=za* DÙ-*ri* (KBo 4.14 ii 12), DÙ-*ri* (27), *=za* DÙ-*ri* (iii 30), DÙ-*ri* (iv 43); *ki-ša-ri* (KBo 14.21 i 30); *ki-ša-ri* (KBo 5.6 iii 13)**; *ki-ša-ri* (KBo 3.3+ iii 11); **[**DÙ-*ri*] (KUB 25.23 i 1); **=***za ki-ša-ri* (KUB 21.42 iii 5), *=za ki-ša-ri* (5); *ki-ša-r*[*i*] (KUB 15.15 iv 6); *ki-ša-ri* **(**KUB 22.70 rev. 21), *ki-ša-ri* (23); DÙ-*ri* (KUB 48.118 4); *ki-ša-ri* (KBo 47.239 iv 18); DÙ-*ri* (KUB 25.23 i 8, DÙ-*ri* (iv 51); [*ki-ša-ri*] (KUB 26.1 54); *ki-ša-ri* (KUB 14.8 rev. 33); *=kan* DÙ-*ri* (KUB 14.16 iii 41); *=za ki-ša-ri* (KUB 31.66 i 34); *ki-i-ša* (KUB 8.27 left ed. b 4); DÙ-*ri* (KBo 16.98 i 6); *=za ki-ša-ri* (KUB 21.38 rev. 14); *=kan* DÙ-*ri* (KUB 5.1 i 47); DÙ-*ri* (KUB 13.32 obv. 7); DÙ-*ri* (KUB 7.24+ i 6); *ki-ša-r*[*i*] (KBo 12.39 obv. 4); *=za ki-ša-ri* (KUB 16.31+ iii 10), *ki-*[*ša-r*]*i* (14)

PRS.3PL
ki-i-ša-an-ta (KUB 8.27 left ed. a 1)

PST.1SG
ki-iš-ḫa-at (KUB 14.12 obv. 4); *ki-iš-ḫa-at* (KBo 4.4 i 37=; *=za ki-iš-ḫa-ḫa-at* (KUB 1.1 i 24), [*=z*]*a ki-iš-ḫa-ḫa-at* (iii 12), *=za ki-iš-ḫa-ḫa-at* (iv 42), *=za ki-iš-ḫa-ḫa-at* (41), [(*=za*)] *ki-iš-ḫa-ḫ*[(*a-a*)]*t* (43), *=za ki-iš-ḫa-ḫa-at* (48); *=az ki-iš-ḫa-at* (KUB 14.10+ i 11)

PST.3SG

[(*ki-ša-at*)] (KUB 26.1 ii 5); =*za ki-ša-at* (Bo 86/299 ii 53); [=*za*] *ki-ša-at* (KUB 14.4 i 5), =*za ki-ša-at* (8), =*za ki-ša-at* (iii 14),=*za ki-ša-at* (17), ; *ki-ša-at* (KBo 14.20+ i 7), *ki-ša-at* (ii 15); *ki-ša-at* (KBo 2.2 iii 18); *ki-ša-at* (KUB 23.36+ i 1); *ki-ša-at* (KUB 21.49 obv. 9); =*kan ki-š*[*a-a*]*t* (KUB 14.8 obv. 28), *ki-iš-at* (37); =*za ki-ša-at* (KBo 4.14 iii 36), [*ki-*]*ša-at* (iv 39); *ki-ša-at* (KUB 21.19 i 21), [*ki-ša-a*]*t* (32), =*za ki-ša-at* (ii 13); *ki-ša-a*[*t*] (KBo 22.10 iii 11); =*za* [*ki-ša-at*] (KBo 19.70+ i 19), *kan* [*ki-ša-at*] (37); =*za* [*ki-ša-at*] (FHL 57+ i 43); *ki-ša-at* (KUB 26.33 ii 23); [*ki*]-*ša-at* (KBo 7.17 3); =*za ki-ša-at* (KBo 4.7 i 11); =*za ki-ša-at* (KBo 3.4+ i 4), =*za ki-ša-at* (8), =*za ki-ša-at* (11), =*za ki-ša-at* (13), =*za ki-ša-at* (iii 62); =*za ki-š*[*a-at*] (KUB 21.17+ ii 15); *ki-ša-at* (KUB 14.7 i 17), =*kan* [(*ki-ša-at*)] (KUB 14.16 iii 43); *ki-iš-at* (KUB 56.14 iv 3); =*za ki-iš-ta-at* (KUB 23.102 i 5); *ki-ša-at* (KBo 47.239 ii 9); [*ki-ša-at*] (KUB 14.16 iii 38); [*ki-š*]*a-at* (KUB 22.70 obv. 4), *ki-ša-at* (32); *ki-ša-at* (KBo 4.4 iii 57), *ki-ša-at* (42), *ki-ša-at* (56), [=*za*] *ki-ša-at* (65); *ki-ša-at* (KUB 19.37 ii 46), [*ki*]-*ša-at* (iv 18); *ki-ša-at* (KUB 19.37 ii 11); [=*za*] *ki-ša-at* (KUB 23.103 obv. 7), =*za ki-ša-at* (18), =*za k*[*i*]-*š*[*a-at*] (27); *ki-š*[*a-at*] (KUB 54.1 iii 20); *ki-ša-at* (KBo 16.35 5); =*za ki-ša-at* (KUB 1.1 i 22), =*za ki-iš-ta-at* (iii 13), [(*ki-ša-at*)] (36), =*za ki-š*[(*a*)]-*at* (iv 17); *ki-ša-at* (KUB 6.47 6); *ki-ša-at* (KBo 2.5 ii 2), *ki-ša-at* (20), *ki-ša-at* (iii 38), *ki-ša-at* (56), *ki-ša-*[*at*] (iv 2); *ki-ša-at* (KBo 6.28 rev. 19); =*za ki-ša-at* (KUB 23.92 obv. 4), =*za* [*ki-ša-at*] (rev. 7); [*ki-ša-at*] (KUB 14.3 i 34); =*kan ki-ša-at* (KBo 5.6 i 10); **=**za ki-ša-at** (KUB 23.1 i 41), =*za ki-ša-at* (ii 20); *ki-ša-at* (KUB 54.1 i 25), *ki-ša-at* (iii 15); *ki-ša-at* (KBo 14.9 iii 8); [*ki-ša-at*] (KUB 14.3 i 32); *ki-ša-at* (KUB 14.16 iii 12); =*za ki-ša-at* (KUB 21.27 i 39); =*za* DÙ-*at* (KUB 4.12 obv. 13), =*za* DÙ-*at* (obv. 20)

PST.2PL
kiš-du-ma-at (KUB 23.103 rev. 4)

PST.3PL
=za ki-ša-an-ta-at** (KBo 4.3 iv 14), *ki-ša-an-ta-at* (KUB 1.1 iv 51), *ki-ša-an-da-at* (KUB 26.43 obv. 54), =*za ki-ša-an-ta-at* (KBo 4.7 iii 12)

IMP.2SG
ki-iš-ḫu-ut (KBo 4.14 i 40)

IMP.3SG
[*ki-ša-ru*] (KUB 26.33 ii 21); *ki-iš-ša-ru* (KUB 6.41 iii 47; *ki-iš-ša-*[*ru*] (KBo 5.4 i 13), *ki-iš-ša-ru* (17); =*kan ki-ša-ru* (KBo 11.1 obv. 31); DÙ-*ru* (KBo 19.43+ iii 24); *ki-ša-ru* (KUB 21.5 iii 6)

IMP.2PL
[=*za*] *ki-iš-du-ma-at* (KUB 14.16 iii 29)

PRS.3SG
[*ki-i*]*k-ki-iš-ta-ri* (KUB 22.70 rev. 25), [*ki-i*]*k-ki-iš-ta-at* (KBo 18.23 obv. 9), *ki-ik-ki-iš-ta-ri* (KUB 14.11 iii 25), *ki-ik-ki-i*[*š-t*]*a-a-*[*ri*] (KUB 14.8 rev. 12), =*za ki-kiš-ta-ri* (KUB 5.1 iii 49), =*za* [*ki-ik*]-*ki-iš-ta-ri* (KBo 4.14 ii 4)

kišt-^{*ā(ri)*} **'perish'**

Token frequency: 1 (OS)

<u>OS</u>

PRS.3SG
gi-iš-ta-ri (KUB 8.41 iii 2)[2]

<u>MS</u>
ki-iš-ta-a[*t*] (KBo 50.1 ii 25)

kištanziye/a-^{*tta(ri)*} **'be(come) hungry'**

Token frequency: 1 (OS)

<u>OS</u>

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2 Note that the reading of this occurrence is admittedly problematic, as the last sign in *gi-iš-ta-ri* is partly damaged and can be read as either HU or RI (cf. Neu 1980: 184 fn. 612).

PST.3SG
ki-iš-ta-an-zi-at-ta-at (KBo 3.22 rev. 46)

lā-^i 'release, remove', *lā-^{i/tta(ri)}* 'be released, be removed'

Token frequency: 8 (NS)

<u>NS</u>

PRS.3SG
la-it-ta-ri (KBo 2.2 iv 37); DUH-*ta-ri* (KBo 2.6+ i 38), *la-it-ta-ri* (iii 48), *la-it-ta-ri* (65); *la-it-ta-ri* (KUB 16.58 iii 5); DUH-*ri* (KUB 50.6+ ii 43), DUH-*ri* (iii 59)

IMP.3SG
la-a-at-ta-ru (KBo 11.1 rev. 18)

lāk-^i 'knock out, turn', *lag-^{ā(ri)}* 'fall'

Token frequency: 2 (NS)

<u>NS</u>

PRS.3SG
=*kan la-ga-a-ri* (KUB 19.23 rev. 18), =*kan la-ga-a-ri* (19)

lazziye/a-^{tta(ri)} 'be(come) good, be favorable', *lazziye/a-^{zi}* 'set straight'

Token frequency: 3 (OS), 3 (MS), 215 (NS)

<u>OS</u>

PRS.3SG

la-a-az-zi-at-ta (KBo 6.2 i 18), *la-az-at-ta* (18); SIG₅-*at-ta-ri* (KUB 37.223 obv. 5)

MS

PRS.3SG
SIG₅-*at-ta* (IBoT 1.36 iv 37)

PRS.3PL
SIG₅-*an-ta* (KBo 16.97 + rev. 2)

IMP.3SG
SIG₅-*ta-ru* (KBo 8.55 18)

NS
PRS.3SG
SIG₅-*ri* (KUB 15.11 i 7); SIG₅-*ri* (KUB 15.3 i 18); SIG₅-*ri* (KUB 5.6 i 33), SIG₅-*ri* (KUB 5.6 i 48)

PST.3SG
SIG₅-*ya-at-ta-at* (KBo 4.8 ii 25), SIG₅-*ta-ti* (KUB 23.103 obv. 4), SIG₅-*at* (KUB 5.6 i 20), SIG₅-*at* (iv 26)

IMP.3SG
SIG₅-*ya-at-ta*-[*ru*] (KUB 14.11 iii 23), SIG₅-[*ru*] (KBo 14.21 i 6), SI*G*₅-*ru* (11), SI*G*₅-*ru* (16), [S]IG₅-*ru* (27), SIG₅-*ru* (35), SIG₅-*ru* (38), SIG₅-*ru* (45), SIG₅-*ru* (53), SIG₅-*ru* (58), SIG₅-*ru* (64), SIG₅-*ru* (70), SIG₅-*ru* (83), SIG₅-*r*[*u*] (KBo 14.21 ii 8)SIG₅-*ru* (16), SIG₅-*ru* (25), SIG₅-*ru* (34), SIG₅-*ru* (42), SIG₅-*ru* (51), SIG₅-*ru* (71), [SIG₅-*ru*] (KBo 14.21 iii 46), SIG₅-*ru* (54), SIG₅-*ru* (63); SIG₅-*ru* (KBo 16.98 i 7), SIG₅-[*ru*] (ii 6), SIG₅-*ru* (KBo 2.2 i 3), SIG₅-*ru* (4),SIG₅-*ru* (15), SIG₅-*ru* (19), SIG₅-*ru* (56), SIG₅-*ru* (ii 2), SIG₅-*ru* (8), SIG₅-*ru* (14), SIG₅-*ru* (16), SIG₅-*ru* (41), SIG₅-*ru* (49), SIG₅-*ru* (iii 1), SIG₅-*ru* (12), SIG₅-*ru* (16), SIG₅-*ru* (28), SIG₅-*ru* (38), SIG₅-*ru* (iv 5), SIG₅-*ru* (15), SIG₅-*ru* (29), SIG₅-*ru* (38); SIG₅-*ru* (KBo 2.6 i 2), SIG₅-*ru* (4), SIG₅-*ru* (16), SIG₅-*ru* (20), SIG₅-*ru* (40), SIG₅-*ru* (44), SIG₅-*ru* (ii 15), SIG₅-*ru* (30), SIG₅-*ru* (45), SIG₅-*ru* (54), SIG₅-*ru* (iii 9), SIG₅-*ru* (11), SIG₅-*ru* (23), SIG₅-*ru* (24), SIG₅-*ru* (34), SIG₅-*ru* (36),

SIG$_5$-*ru* (50), SIG$_5$-*ru* (52), SIG$_5$-*ru* (iv 1), SIG$_5$-*ru* (3), SIG$_5$-*ru* (5); SIG$_5$-*ru* (KUB 16.16 obv. 6), SIG$_5$-*ru* (12), SIG$_5$-*ru* (22), SIG$_5$-*ru* (rev. 10), SIG$_5$-*ru* (17), SIG$_5$-*ru* (22), SIG$_5$-*ru* (left ed. 3); SIG$_5$-*r*[*u*] (KUB 16.20 i 2); [SIG$_5$-]*ru* (26), SIG$_5$-*ru* (35), SIG$_5$-*ru* (40), SIG$_5$-*ru* (48), SIG$_5$-*ru* (53), SIG$_5$-*ru* (58), SIG$_5$-*ru* (61), SIG$_5$-*ru* (64), SIG$_5$-*ru* (ii 20), SIG[-*ru*] (23), SIG$_5$-*ru* (iii 31), [SIG$_5$-*ru*] (iv 10), SIG$_5$-*ru* (17), SIG$_5$-*ru* (23), SIG$_5$-*ru* (29), SIG$_5$-*ru* (35); [SIG$_5$-*ru*] (KUB 16.58 ii 11), SIG$_5$-*ru* (iii 8); SIG$_5$-*ru* (KUB 22.70 obv. 11), SIG$_5$-*ru* (28), SIG$_5$-*ru* (39), SIG$_5$-*ru* (48), SIG$_5$-*ru* (50), SIG$_5$-*ru* (52), SIG$_5$-*ru* (53), SIG$_5$-*ru* (54), SIG$_5$-*ru* (55), SIG$_5$-*ru* (56), SIG$_5$-*ru* (57), SIG$_5$-*ru* (58), SIG$_5$-*ru* (59), SIG$_5$-*ru* (60), SIG$_5$-*ru* (65), [SIG$_5$-*ru*] (rev. 1), SIG$_5$-*ru* (5), SIG$_5$-*ru* (7), SIG$_5$-*ru* (8), SIG$_5$-*ru* (9), SIG$_5$-*ru* (17), SIG$_5$-*ru* (18), SIG$_5$-*ru* (23), SIG$_5$-*ru* (29), SIG$_5$-*ru* (32), SIG$_5$-*ru* (37), SIG$_5$-*ru* (39), SIG$_5$-*ru* (41), SIG$_5$-*ru* (43), SIG$_5$-*ru* (47), SIG$_5$-*ru* (49), SIG$_5$-*ru* (53), SIG$_5$-*ru* (59), SIG$_5$-*ru* (62), SIG$_5$-*ru* (67); SIG$_5$-*ru* (KUB 5.1 i 2), SIG$_5$-*ru* (6), SIG$_5$-*ru* (9), SIG$_5$-*ru* (12), SIG$_5$-*ru* (16), SIG$_5$-*ru* (21), SIG$_5$-*ru* (25), SIG$_5$-*ru* (27), SIG$_5$-*ru* (29), SIG$_5$-*ru* (33), SIG$_5$-*ru* (34), SIG$_5$-*ru* (40), SIG$_5$-*ru* (44), SIG$_5$-*ru* (50), SIG$_5$-*ru* (56), SIG$_5$-*ru* (62), SIG$_5$-*ru* (65), SIG$_5$-*ru* (75), SIG$_5$-*ru* (89), SIG$_5$-*ru* (93), SIG$_5$-*ru* (96), SIG$_5$-*ru* (100), SIG$_5$-*ru* (101), SIG$_5$-*ru* (105), SIG$_5$-*ru* (ii 7), SIG$_5$-*ru* (11), SIG$_5$-*ru* (15), SIG$_5$-*ru* (18), SIG$_5$-*ru* (30), SIG$_5$-*ru* (37), SIG$_5$-*ru* (42), SIG$_5$-*ru* (49), SIG$_5$-*ru* (62), SIG$_5$-*ru* (69), SIG$_5$-*ru* (86), SIG$_5$-*ru* (iii 20), SIG$_5$-*ru* (24), SIG$_5$-*ru* (5), SIG$_5$-*ru* (24), SIG$_5$-*ru* (30), SIG$_5$-*ru* (47), SIG$_5$-*ru* (48), SIG$_5$-*ru* (57), SIG$_5$-*ru* (62), SIG$_5$-*ru* (67), SIG$_5$-*ru* (80), SIG$_5$-*ru* (85), SIG$_5$-*ru* (88), SIG$_5$-*ru* (91), SIG$_5$-*ru* (iv 12), SIG$_5$-*ru* (44), SIG$_5$-*ru* (51), SIG$_5$-*ru* (52), SIG$_5$-*ru* (54), SIG$_5$-*ru* (59), SIG$_5$-*ru* (60), SIG$_5$-*ru* (62), SIG$_5$-*ru* (66), SIG$_5$-*ru* (72), SIG$_5$-*ru* (74), SIG$_5$-*ru* (78), SIG$_5$-*ru* (79), SIG$_5$-*ru* (85); SIG$_5$-*ru* (KUB 5.11 i 31), SIG$_5$-*ru* (iv 50); SIG$_5$-*ru* (KUB 5.6 i 14), SIG$_5$-*ru* (ii 55), SIG$_5$-*ru* (64), SIG$_5$-*ru* (iii 10), SIG$_5$-*ru* (15), SIG$_5$-*ru* (28), SIG$_5$-*ru* (43), [SIG$_5$-*ru*] (46); SIG$_5$-*r*[*u*] (KUB 50.77+ obv. 9); SIG$_5$-*ru* (KUB 6.9+ i 5), SIG$_5$-*ru* (18), SIG$_5$-*ru* (iii 11); SIG$_5$-*ru* (KUB 14.13 iv 20); SIG$_5$-*ru* (KUB 14.8 obv. 4)

PLUR.PRS.3SG
SIG$_5$-*iš-qa-ta-ri* (KBo 6.29 i 11)

lēlaniye/a-$^{tta(ri)}$ 'be(come) furious'

Token frequency: 1 (OS)

OS

PRS.3SG
le-e-[*la*]*-ni-at-ta* (KBo 6.2 ii 14)

lukk-^{*tta/zi*} 'get light, dawn'

Token frequency: 7 (OS), 8 (MS), 2 (NS)

OH

PRS.3SG
lu-uk-kat-ta (KBo 17.1+ ii 30), *lu-uk-kat-ta* (iv 7), *lu*[*-uk-k*]*at-ta* (24); *lu-ug-ga-at-ta* (KBo 17.3+ iv 21); [(*lu-uk-kat-t*)]*a* (KBo 17.11+ i 31); *lu-uk-ta ta* (KBo 17.13+ rev. 9)

PST.3SG
lu-uk-ta-at (KUB 36.104 i 19)

MS
PRS.3SG
lu-uk-kat-ta (KUB 1.11+ ii 1), *lu-uk-kat-ta* (iii 49); *lu-uk-kat-ta* (KUB 13.1 i 29); *lu-uk-kat-ta* (KUB 29.40 ii 2), [*lu-uk-kat-t*]*a* (20), *lu-uk-kat-ta* (iv 4), *lu-uk-kat-t*[*a*] (34); *lu-uk-kat-ta* (KUB 29.44+ i 1)

NS

PRS.3SG
lu-uk-ta (KBo 5.8 i 26)

PST.3SG

=*kan lu-uk-ta-at* (KBo 5.8 iii 22)

mai-/mi-*ⁱ* 'grow'

Token frequency: 1 (OS)

<u>OS</u>

PST.3SG
mi-ya-ti (KBo 17.22 ii 4)

markiye/a-*ᶻⁱ* 'reject, refuse', markiye/a-*ᵃ⁽ʳⁱ⁾* 'be refused'

Token frequency: 1 (NS)

<u>OH/NS</u>

IMP.3SG
mar-ki-ya-ru (KBo 3.34 ii 41, OH/NS)

marra-*ᵗᵗᵃ⁽ʳⁱ⁾*, marriye/a-*ᵗᵗᵃ⁽ʳⁱ⁾* 'melt (intr.), stew (intr.)', marriye/a-*ᶻⁱ* 'melt (tr./intr.?)'

Token frequency: 1 (OS), 1 (NS)

<u>OS</u>

PRS.3SG
mar-ri-it-t[*a*] (KBo 17.43 i 6)

<u>NS</u>

PRS.3SG
mar-ri-ya-at-ta-ri (KBo 4.14 i 48)

***mau/mu-ⁱ, maušš-^{zi}* 'fall'**

Token frequency: 1 (NS)

<u>NS</u>

PST.1SG
ma-uš-ḫa-ḫa-at (KUB 1.1 iii 24)

***mēma-ⁱ* 'speak, tell'**

Token frequency: 1 (NS)

<u>NS</u>

PST.1SG
me-mi-ya-aḫ-ḫa-at (KBo 4.12 obv. 27)

***mer-^{zi}* 'disappear, vanish'**

Token frequency: 1 (NS)

<u>NS</u>

PST.3SG
me-er-ta-at (KUB 31.56 6)

***meḫuwandaḫḫ-/miyaḫuwantaḫḫ-ⁱ* 'make old', *meḫuwandaḫḫ-/miyaḫuwantaḫḫ-^{tta(ri)}* 'grow old'**

Token frequency: 3 (NS)

NS

IMP.2SG
=*kan me-ḫu-un-ta-aḫ-ḫu-ut* (Bo 86/299 iv 15); =*kan mi-ḫu-un-ta-aḫ-ḫu-ut*
(KBo 4.10 ii 11); =*kan mi-ya*[(*ḫu-wa-an*)-*ta-a*]*ḫ-ḫu-ut* (FHL 57+ iv 46)

mummiye/a-^{zi} 'keep falling, crumble (?)'

Token frequency: 1 (MS)

MS

PRS.3SG
=*kan mu-um-mi-i-e-et-ta* (KBo 50.280+ ii 18-19)

naḫšariye/a-^{zi} 'become afraid'

Token frequency: 6 (NS)

NS

PRS.3PL
na-aḫ-šar-ri-ya-an-da-ri (KBo 5.6 ii 6); *na-aḫ-ša-ri-ya-an-da-ti* (KBo 4.4 iv
31)

PST.3SG
[(*na-aḫ-šar-ri-*)]-*ya-a*]*t-ta-at* (KBo 3.4 ii 68); =*za na-aḫ-ša-r*[*i-ya-at-ta-at*]
(KUB 19.13+ iv 10)

PST.3PL
na-aḫ-šar-ri-ya-an-ta-at (KUB 19.13+ i 49); *na-aḫ-šar-ri-ya-an-ta-at* (KBo
4.7 i 57)

nai-*i* 'turn, send', nē-*a(ri)* 'turn (intr.), be sent'

Token frequency: 3 (OS), 11 (MS), 27 (NS)

<u>OS</u>

PRS.3SG
=*aš-ta ne-e-a* (KBo 17.43 i 12); *ne-a* (KUB 37.223 obv. 2)

PRS.3PL
ne-e-an-da (KBo 17.9+ ii 29)

<u>MS</u>

PRS.3SG
ne-e-a-ri (ABoT 1.65 rev. 11), =*za* [*ne-e-a-ri*] (15); *ne-e-a-*[*ri*] (IBoT 1.36 i 21), *ne-e-a-ri* (iii 63); *ne-e-ia* (KUB 8.81 ii 7); *ne-ya-r*[*i*] (KUB 13.27 rev. 102);

PST.3SG
ne-e-a-[*a*]*t* (KUB 31.79 i 8); *ne-ya-at-ta-*[*at*] (KUB 23.50+ 17); *ne-e-a-at* (KUB 14.1 + KBo 19.38 obv. 65)

IMP.2PL
= *kan na-iš-du-ma-at* (KBo 16.25 i 74)

PLUR.PRS.3SG
=*aš-ta na-iš-ki-it-ta-ri* (HKM 27 obv. 9)

<u>NS</u>

PRS.1SG
ne-ya-aḫ-ḫa-ri (KUB 5.1 iii 55)

PRS.2SG
=*za=kan ne-ya-at-ta-ti* (KBo 50.28 i 33), =*ka*[*n ne-ya-at-ta-*[*ri*] (KBo 16.98 iii 15)

PRS.3SG
=*kan ni-ya* (KBo 4.14 ii 14), =*kan* [*ni*]-*ya-ri* (26), =*kan ni-ya-ri* (54), =*kan ni-ya-ri* (62), =*kan ni-ya-ri* (73), =*kan ni-ya-ri* (79), =*kan ni-ya-ri* (iii 14), =*kan ni-ya-ri* (iii 28); =*kan ne-ya-ri* (KUB 5.1 iii 37); =*kan ne-ya-ri* (KUB 21.29 iv 14); =*za*=*kan ne-ya-ri* (KUB 1.1 iv 11); =*kan ne-ya-ri* (KBo 11.1 obv. 25)

PRS.3PL
=*kan ni-ya-an-ta-ri* (KBo 4.14 ii 56); *ne-an-ta-ri* (KUB 5.1 iii 80)

PST.1SG
=*za*=*kan ne-ya-aḫ-ḫa-at* (KBo 5.8 iii 19)

PST.3SG
ni-ya-at-ta[(-*at*)] (KBo 4.14 ii 2); =*kan ne-ya-ad-da-at* (KUB 16.16 obv. 22), =*kan ne-ya-ad-da-at* (rev. 10), =*kan ne-ya-ad-da-at* (left ed. 3); *ne-at-ta-at* (KBo 16.6 under ed. 3); =*kan ne-ya-at-ta-at* (KUB 31.71 iii 6)

PST.3PL
ne-an-ta-at (KUB 19.9 i 5)

IMP.3SG
=[*kan*] *ni-ya-ru* (KBo 4.14 ii 15)

PLUR.PRS.3SG
=*šan na-a-eš-ket-ta-ri* (KBo 11.1 obv. 27)

nakkēšš-*zi* 'become important, become troublesome to'

Token frequency: 3 (NS)

<u>NS</u>

PST.3SG
na-ak-ke-e-e-š-ta-at (KUB 14.4 iii 25)

PLUR.PRS.3SG
na-ak-ke-eš-kat-ta-ri (KBo 4.14 ii 27)

PLUR.PST.3PL
na-ak-ki-iš-kan-ta-at (KBo 18.15 8)

neku-*ᶻⁱ* 'become evening'

Token frequency: 1 (MS), 1 (NS)

<u>MS</u>

PST.3SG
ne-ku-ut-t[*a-at*] (KUB 29.54 iv 9)

<u>NS</u>
PST.3SG
ne-ku-ut-ta-at (KBo 5.8 iii 19)

nini(n)k-*ᶻⁱ* 'raise, set in motion (tr.)', nini(n)k-*ᵗᵃ⁽ʳⁱ⁾* 'mobilize (intr.)

Token frequency: 2 (MS), 7 (NS)

<u>MS</u>

PRS.3PL
ni-ni-i[*n-kan-ta*] (KUB 23.72 rev. 19) [3]

IMP.2PL
ni-ni-ik-du-ma-at (KBo 16.25 i 18)

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3 I follow the established reading *nini*[*nkanta*] (*CHD*, Reichmuth 2011: 116), which is admittedly tentative, as one could also restore the form alternatively as e.g. *nini*[*nkanzi*] (cf. *CHD s.v*).

<u>NS</u>

PRS.3SG
ni-ni-ik-ta-ri (KUB 21.1 iii 46); *ni-ni-ik-ta-ri* (KBo 5.4 ii 43); *ni-ni-*[*ik-ta-ti/ri*] (KBo 22.39 ii 15)

PST.3SG
[*ni-ni*]-*ik-ta-at* (KBo 2.5 ii 44); *ni-ni-ik-ta-at* (KBo 5.8 i 33), *ni-ni-ik-ta-at* (ii 11); [*ni-ni-ik-ta-ti*] (KBo 5.9 ii 3)

paḫš-*ⁱ* 'protect'

Token frequency: 37 (MS), 37 (NS)

<u>MS</u>

PRS.1SG
pa-aḫ-ḫa-aš-ḫa (KUB 26.20 i 19)

PRS.3SG
=za pa-aḫ-ša (KUB 36.127 obv. 8); *pa-aḫ-ša-r*[*i*] (KBo 16.27 ii 16); *pa-aḫ-ša-ri* (KBo 16.25 i 60)

PRS.1PL
pa-aḫ-šu-wa-aš-ta (KBo 16.27 iii 16); *pa-aḫ-ḫa-aš-šu-wa-aš-t*[*a*] (KBo 50.64 + i 62)

IMP.3SG
[*pa-aḫ-š*]*a-ru* (KBo 16.25 i 59-60)

IMP.2PL
pa-aḫ-ḫa-aš-du-ma-at (KBo 16.25 i 80); [*pa-aḫ-ḫa-aš-du-ma-a*]*t* (KBo 16.25 i 63); *pa-aḫ-ḫa-aš-du-ma-*[*a*] (KBo 8.35 ii 13); *pa-aḫ-ḫa-aš-du-ma-a*[*t*] (KUB 36.114 i 13)

IMP.3PL

[*p*]*a-aḫ-š*[*a*]-*a*[*n-da-ru*] (HKM 75 obv. 4); *pa-aḫ-ša-an-*[*d*]*a-ru* (HKM 80 obv. 4); [*pa*]-*aḫ-ša-an-da-ru* (HKM 17 rev. 40); *pa-aḫ-š*[*a-an-da-ru*] (HKM 29 rev. 14); [*pa-aḫ-š*]*a-an-da-ru* (HKM 95 rev. 11); [*pa-aḫ-ša-an-da-r*]*u* (HKM 84 obv. 5); [*pa-aḫ-ša-an-da-ru*] (HKM 17 r. ed. 2); *pa-a*[*ḫ-š*]*a-an-da-ru* (HKM 84 rev. 11); [*pa-aḫ-ša-an-d*]*a-ru* (HKM 33 rev. 39); *pa-aḫ-ša-an-da-*[*r*]*u* (HKM 81 rev. 28); *pa-aḫ-ša-an-ta-ru* (HKM 36 rev. 41); *pa-aḫ-*[*š*]*a-an-da-ru* (HKM 81 obv. 8); *pa-aḫ-ša-an-da-ru* (HKM 53 rev. 15); *pa*[-*aḫ-ša-an-da-ru*] (HKM 28 obv. 8); *pa-a*[*ḫ-š*]*a-*[*a*]*n-da-ru* (HKM 89 obv. 6); *pa-aḫ-ša-an-da-ru* (HKM 10 rev. 46); *pa-aḫ-ša-an-da-*[*r*]*u* (HKM 31 rev. 24); *pa-aḫ-ša-an-da-ru* (HKM 36 l. ed. 1); *pa-aḫ-ša-an-da-ru* (HKM 2 rev. 19); *pa-aḫ-ša-an-da-ru* (HKM 3 rev. 20); *pa-*[*a*]*ḫ-ša-an-da-ru* (HKM 21 rev. 19); *pa-*[*aḫ-ša-an-da-ru*] (HKM 67 obv. 6); *pa-aḫ-ša-an-da-ru* (HKM 27 rev. 22); *pa-aḫ-ša-an-da-ru* (HKM 73 rev. 23); *pa-aḫ-ša-an-da-ru* (ABoT 1.65 obv. 4); *pa-aḫ-ša-an-da-ru* (KBo 8.35 ii 15)

NS

PRS.3SG

pa-aḫ-ša-ri (Bo 86/299 ii 69); *pa-aḫ-ša-ri* (KBo 19.43+ i 34), *pa-aḫ-ša-ri* (KBo 19.43+ i 37); PAP-*ri* (KUB 23.103 obv. 5); *pa-aḫ-ša-ri* (KBo 50.59a iv 2)

PRS.3PL

[*pa-aḫ-ḫa-aš*]-*ša-an-ta-ri* (FHL 57+ i 75), [*pa-aḫ-ḫa-aš-*]*ša-an-ta-ri* (KUB 21.1 i 75)

PST.1SG

pa-aḫ-ḫa-aš-ḫa-ḫa-at (FHL 57+ i 72); *pa-aḫ-ḫa-aš-ḫa-ḫa-at* (KUB 21.1 i 72); PAB-*aš-ḫa-at* (KUB 26.32 i 10), PAB-*ḫa-ḫa-at* (12), P[AB]-*aḫ-ḫa-at* (17); [*pa-aḫ-ḫ*]*a-aš-ḫa-at* (KUB 6.47 4), [*pa-aḫ-ḫa-aš-ḫa-at*] (5); PAB-*aḫ-ḫa-aš-ḫa-at* (KUB 26.33 ii 6)

PST.3SG

pa-aḫ-ḫa-aš-ta-at (KUB 21.49 obv. 6), *pa-aḫ-ḫa-aš-ta-at* (KUB 3.119 i 7);
pa-aḫ-ḫa-aš-ta-at (KBo 5.8 ii 26), *pa-aḫ-ḫa-aš-ta-*[*at*] (42); [(*pa-aḫ-ḫa-aš-t*)]*a-at* (KUB 23.1+ i 20)

IMP.3SG

pa-aḫ-ša-ru (Bo 86/299 ii 34), *pa-aḫ-ša-ru* (47), *pa-aḫ-ša-ru* (70); *pa-aḫ-ša-*[(*ru*)] (FHL 57+ iii 40), *pa-aḫ-ša-ru* (FHL 57+ iii 44)

IMP.2SG
PAB-*aš-ḫu-ut* (KBo 42.60 rev. 7)

IMP.2PL
pa-aḫ-ḫa-aš-du-ma-at (KBo 4.12 rev. 3)

IMP.3PL
pa-aḫ-ša-an-da-r[*u*] (KBo 18.2 4); *pa-aḫ-ša-an-t*[*a-ru*] (KBo 19.44+ i 14), *pa-aḫ-ša-an-*[*da*]*-ru* (KBo 19.43+ ii 12); [(*pa-aḫ*)]*ša-an-ta-ru* (FHL 57+ iv 44), [(*pa-aḫ-ša-*)]*-an-ta-ru* (FHL 57+ ii 12), *pa-aḫ-ša-an-ta-ru* (KBo 19.74+ ii 12); [*pa-aḫ*]*-ša-an-da-ru* (KBo 19.71 45), *pa-aḫ-ša-an-ta-ru* (KBo 4.10 ii 10); *pa-aḫ-ša-an-ta-ru* (Bo 86/299 iv 14); *pa-aḫ-ḫa-ša-an-ta-ru* (CTH 385.8 13)

paiške/a-^{tta(ri)} 'go'

Token frequency: 2 (OS), 6 (MS)

OS

PST.1SG
pa-iš-ga-ḫa-at (KBo 17.1+ iv 13)

IMP.3SG
[*pa-iš-k*]*at-ta-ru* (KBo 25.107 3)

IMP.2PL

pa-iš-kat-tu-ma-a-a[t] (KBo 8.42 obv. 9), *pa-iš-kat-tu-[ma]-a-[at]* (obv. 10) (both readings after Soysal 1989: 34 *contra* Kassian 2002: 113).

MS

PLUR.PRS.3SG
=*kan pa-iš-ke-et-ta* (IBoT 1.36 i 63); *pa-iš-ket-ta* (KUB 31.100 iv 2)

PLUR.PRS.3PL
=*kan pa-iš-kan-da* (IBoT 1.36 i 60), =*kan ta pa-iš-[kan-d]a* (61), =*kan pa-iš-kan-ta* (63); *pa-iš-kan-ta* (KUB 13.27 rev. 83)

parḫ-*zi* 'chase, hunt'

Token frequency: 5 (MS)

MS

PRS.3SG
par-ḫa-at-ta-ri (KUB 14.1+ rev. 92)

IMP.3PL
[*par-ḫ*]*a-an-da-ru* (KUB 34.41 5), *par-ḫa-an-da-ru* (10); *par-ḫa-[an-da-ru*] (KUB 36.109 10); *par-ḫa-an-ta-ru* (KUB 36.114 8)

parš(i)-*a(ri)/zi* 'break'

Token frequency: 49 (OS), 10 (MS), 18 (NS)

OS

PRS.1SG
par-aš-ḫa (KBo 17.1+ iii 14), *par-a[š-ḫa]* (iv 5), *pa[r-a]š-ḫa-ri* (10)

PRS.3SG
par-ši-ya (KBo 20.19+ i 3); [*par-ši-ya*] (KBo 17.11+ i 23), [(*p*)]*ar-ši-ya* (26), *par-ši-ya* (52); *par-ši-ya* (KBo 20.14+ i 21); *par-ši-ya* (KBo 25.35 ii 6); *par-ši-ya* (KBo 20.10+ ii 17), *par-ši-ya* (iv 6); [*par-š*]*i-ya* (KBo 20.35 ii 10); *par-ši-ya* (KBo 25.61 rev. 11), *par-ši-ya* (18), [*par-ši-ya*] (25); [*p*]*ar-ši-ya* (KBo 17.30 iii 5); *par-ši-ya* (KBo 20.23 obv. 3); *par-ši-ya* (KBo 25.82 rev. 13); *par-ši-y*[*a*] (KBo 25.84 i 9); [*par*]*-ši-ya* (KBo 25.86 obv. 3); *par-ši-y*[*a-*] (KBo 25.88 8); *par-ši-*[*ya*] (KBo 25.95 i 4); *par*[*-ši-ya*] (KBo 25.98 4); [*par-š*]*i-ya* (KBo 17.35 iii 9), *par-ši-ya* (10), *par-ši-ya* (14), *par-ši-ya* (15); *par-ši-ya* (KBo 20.39 4), [*p*]*ar-ši-ya* (13); *par-ši-ya* (KBo 25.149 i 3); [*pár-ši-y*]*a* (KUB 29.35+ iii 2), *pár-ši-ya* (3), *pár-ši-ya* (5); [*p*]*ár-si-ya* (KBo 34.17 8); *par-ši-ya* (KBo 30.32 obv. 14); *par-si-y*[*a*] (KBo 30.32 obv. 18)

PRS.3PL
[(*par-ši-*)]*ya-an-da* (KBo 17.11+ i 51); *par-ša-an-da* (KBo 20.8 iv 10); *par-ši-an-da*[*-*] (KBo 25.53 rev. 5); *par-ši-an-ta*[*-*] (KBo 17.36+ ii 21); *par-ši-an-da* (KBo 17.16 2), *par-ši-an-da* (7); *par-ši-ya-an-da* (KBo 25.88 7)

UNCLEAR
par-ši[*-*] (KBo 17.11+ iv 22); *par-ši*[*-*] (HHT 73 rev. 8); *par-ši*[*-*] (KBo 17.36+ ii 7); *par*[*-*] (KBo 17.33+ iii 6); *pa*[*r- *] (KBo 17.30 iii 7); *par-ši*[*-*] (KBo 25.86 obv. 11)

MS

PRS.3SG
pár-ši-ia (KUB 45.47 + iii 3), *pár-ši-ia* (5), *pár-ši-ia* (7), *pár-ši-ia* (9), *pár-ši-ia* (13), [*pár-ši*]*-ia* (15), *pár-ši-ia* (29), *p*[*ár-ši-ia*] (iv 11), [*pár-ši-ia*] (13), *pár-ši-ia* (20)

NS

PRS.3SG
[*pa*]*r-ši-ya* (KUB 6.45 iv 9), [*pa*]*r-ši-ya* (13), *par-ši-ya* (19), *par-ši-ya* (24), [*par-š*]*i-ya* (29), *par-ši-ya* (34), *par-ši-ya* (34), *par-ši-ya* (37), *par-ši-ya* (39), *par-ši-ya* (42), *pa*[*r-š*]*i-ya* (50), *par-ši-ya* (53), *par-ši-ya* (55), *par-ši-ya* (56),

par-ši-y[*a*] (61); *par-ši-ya* (KUB 6.46 i 40); *par-ši-ya* (KUB 25.22 iii 13), *par-ši-ya* (15)

punušš-*zi* 'ask, question, consult', punušš-*ta(ri)* 'be asked, investigated'

Token frequency: 1 (MS)

<u>MS</u>

PRS.3SG
pu-nu-uš-ta-ri (HKM 29 rev. 10)

šalik-*a(ri)/zi/i* 'touch, penetrate, accost'

Token frequency: 4 (OS)

<u>OS</u>

PRS.3SG
ša-li-ga (KBo 17.43 i 15); *ša-li-g*[*a*] (KUB 29.36+ iv 10); *š*[*a-l*]*i-i-g*[*a*] (KUB 29.36+ iv 10)

PRS.2PL
ša-li-ik-tu-ma-ri (KBo 22.2 obv. 19)

šanna-*i* 'hide, conceal'

Token frequency: 2 (MS)

<u>MS</u>

PRS.3SG
ša-an-na-at-ta (KUB 36.127 rev. 11), *ša-an-na-at-ta* (13)

šārr-*ⁱ* 'divide (tr.); transgress', ***šarra-*ᵗᵗᵃ⁽ʳⁱ⁾** 'split up (intr.), be split; transgress'

Token frequency: 11 (MS), 1 (NS)

<u>MS</u>

PRS.2SG
=*kan šar-ra-at-ta* (KBo 16.47 obv. 14); *šar-ra-at-ta* (KUB 34.40 5)

PRS.3SG
šar-ra-at-ta-ri (KBo 50.64 + i 42)

PRS.2PL
šar-ra-ad-du-ma (KBo 16.29 + i 4), =*kan* [*ša*]*r-ra-ad-du-ma* (9); =*aš-ta šar-ra-ad-du-ma* (KBo 8.35 ii 16), =*kan šar-ra-ad-du-ma* (22)

PST.3SG
=*kan šar-ra-at-ta-at* (KUB 14.1 + rev. 20), [*šar-ra-at-ta-at*] (48); =*aš-ta šar-ra-at-ta-at* (KUB 23.72 ii 14)

PST.3PL
=*aš-ta šar-ra-an-ta-ti* (KUB 30.12 i 18)

<u>NS</u>

PST.3PL
=*za šar-ra-an-da-at* (KBo 3.4 ii 53)

šup-*⁽ᵗᵗ⁾ᵃ⁽ʳⁱ⁾/ᶻⁱ* 'fall asleep, sleep'

Token frequency: 1 (NS)

<u>NS</u>
PRS.3SG
=za šu-up-ta-ri (KBo 5.4 ii 38)

***šuppiyaḫḫ-ⁱ* 'purify', *šuppiyaḫḫ-⁽ᵗ⁾ᵃ⁽ʳⁱ⁾* 'purify oneself (with *=za*)'**

Token frequency: 2 (OS?)

<u>OS</u>

3SG.PRES
=za šu-up-pi-a-aḫ-ḫa-ti (KBo 25.112 ii 14), *=za šu-up-pi-a-a*[*ḫ-ḫa-ti*] (21)

***dā-ⁱ* 'take', *da-ᵗᵗᵃ⁽ʳⁱ⁾* 'be taken'**

Token frequency: 4 (NS)

<u>NS</u>

PRS.3SG
da-at-ta-ri (Bo 86/299 ii 3), *da-at-ta-ri* (89)

PST.3SG
da-at-ta-at (KBo 4.2+ iv 33), *ta-at-ta-at* (35)

***tamāšš-ᶻⁱ* 'press, oppress', *tamašš-ᵗᵃ⁽ʳⁱ⁾* 'be oppressed'**

Token frequency: 5 (NS)

<u>NS</u>

PRS.3SG
da-ma-aš-ta-ri (KUB 15.29 i 12)

PST.3SG
ta-ma-aš-ta-at (KUB 14.12 obv. 2), *ta-m*[*a-aš-ta-at*] (7); *ta-ma-aš-ta-at*
(KUB 14.10 i 7); [*ta-ma-aš-t*]*a-at* (KUB 14.8 obv. 5)

tame(n)k-*zi* 'affix, attach, stick to, join (intr.)'

Token frequency: 2 (MS), 1 (NS)

<u>MS</u>

PRS.3PL
[(*an-da*)] *ta-mi-in-kan-ta-r*[*i*] (KBo 17.105 iv 4, cf. Kloekhorst 2008 *s.v.*,
contra Glocker 1997: 60)

PST.3SG
an-da ta-me-ek-ta-at (KBo 15.35+33 i 4)

<u>NS</u>

PRS.3SG
=*kan an-da dam-me-ik-ta-ri* (KUB 21.29 iv 9)

damme/išḫae-*zi* 'damage', damme/išḫae-*tta(ri)* 'be damaged'

Token frequency: 2 (MS), 1 (NS)

<u>MS</u>

PRS.3SG
dam-mi-iš-ḫa-it-ta-ri (HKM 80 obv. 6)

PRS.3PL
dam-mi-iš-ḫa-an-da-ri (HKM 31 obv. 12)

NS

PST.3SG
dam-me-eš-ḫa-a-[*e*]*t-ta-at* (KUB 14.13+ i 29)

tarna-*ⁱ* 'let go, allow', tarna-*tta(ri)* 'be released, be allowed'

Token frequency: 2 (MS), 2 (NS)

MS

PRS.3PL
ar-ḫa tar-na-an-ta (KUB 36.108 obv. 7)

PST.3SG
tar-na-at-ta-at (HKM 17 rev. 41)

NS

PRS.3SG
EGIR-*an tar-na-at-ta-ri* (KBo 4.10 i 12)

PST.3SG
tar-na-at-ta-at (KBo 5.8 i 22)

tarra-*tta(ri)* 'be able, can (+ inf.)'

Token frequency: 3 (NS)

NS

PRS.1SG
tar-ra-aḫ-ḫa-ri (KUB 15.1 ii 14)

PST.1SG
tar-ra-aḫ-ḫa-at (KBo 16.14 v 14)

PST.3SG
tar-ra-ad-da-at (KUB 6.44 + 10)

tarupp-*zi* 'gather (tr.)', tarupp-*ta(ri)* 'gather (intr.), be gathered, end (intr.)'

Token frequency: 3 (MS), 5 (NS)

<u>MS</u>

PRS.3PL
ta-ru-up-pa-an-da (HKM 7 22, unclear whether this is a participle)

PST.3SG
ta-ru-up-ta-at (IBoT 1.36 iii 54)

PST.3PL
an-da ta-ru-up-pa-an-ta-ti (KUB 23.12 ii 20)

<u>NS</u>

PRS.3SG
=*kan pa-ra-a ta-ru-up-ta-ri* (KUB 50.6 iii 60); =*kan ar-ḫa ta-ru-up-t*[*a*]-*ri*
(KUB 14.10+ i 15)

PST.3PL
=*kan* [*an-da ta-ru-up-pa-a*]*n-da-at* (KUB 21.49 obv. 12)

IMP.3SG
=*kan ar-ḫa* [*ta-ru-u*]*p-da-a-ru* (KUB 14.10+ iv 22); =*kan t*[*a-ru-up-ta-ru*]
(KUB 26.86 iii 7)

daš(ša)nu-ᶻⁱ 'strengthen', *daš(ša)nu-ᵗᵗᵃ⁽ʳⁱ⁾* 'strengthen oneself (with =za)'

Token frequency: 1 (MS)

<u>MS</u>

IMP.2SG
ta-aš-ša-nu-uḫ-ḫu-ut=wa=az (KUB 13.27 obv. 46)

tešḫaniye/a-ᵗᵗᵃ⁽ʳⁱ⁾ 'appear in a dream'

Token frequency: 4 (NS)

<u>NS</u>

PST.3SG
te-eš-ḫa-ni-ya-at (KUB 21.8 ii 15); [*te-eš-ḫ*]*a-ni-at-ta-at* (KUB 21.16 i 2); Ù-
a[(*t*)] (KUB 1.1+ i 36), Ù-*at* (iii 4)

PLUR.PRS.3SG
te-eš-a-ni-eš-ki-ta-ri (KBo 16.98 ii 10)

titḫ-ᵃ/tetḫa-ⁱ 'thunder'

Token frequency: 3 (OS)

<u>OS</u>

PRS.3SG
[*ti-it*]-*ḫa* (KBo 17.11+ i 25), *ti-it-ḫa* (25), [(*ti-it-ḫa*)] (28)

tuḫš-ᵃ⁽ʳⁱ⁾/ᶻⁱ 'cut off, separate'

Token frequency: 5 (OS)

<u>OS</u>

PRS.3SG
túḫ-ša (KBo 17.1+ ii 7); *túḫ-ša* (KBo 17.11+ i 42); *tu-uḫ-ša* (KBo 25.73 left ed. 7); *tu-uḫ-*[*š*]*a-ri* (KUB 29.29 ii 4), *tu-uḫ-ša-ri* (5)

tukk-ᵃʳⁱ 'be visible, be important'

Token frequency: 2 (MS), 5 (NS)

<u>MS</u>

PRS.3SG
tu-ug-ga-ri (KUB 23.72 rev. 15)

IMP.3SG
tu-uq-qa-a-ru (KBo 9.137 iii 16)

<u>NS</u>

PRS.3SG
du-u[*q-qa*]*-ri* (KBo 19.43+ iii 28); [*t*]*u-uq-qa-a-ri* (KUB 15.17 i 9); *tu-uq-qa-a-r*[*i*] (KUB 19.13+ iv 19)

PST.3SG
tu-uq-qa-a-at (KBo 4.12 obv. 18)

PST.3PL
tu-uk-ka-an-ta-ti (KBo 47.239 ii 2)

uwaške/a-ᵗᵗᵃ⁽ʳⁱ⁾ 'come'

Token frequency: 3 (MS)

<u>MS</u>

PLUR.PRS.3SG
=*kan* [*u*]-*i-iš-ki-it-ta-ri* (KUB 14.1 + KBo 19.38 rev. 63)

PLUR.PRS.3PL
=*kan pa-ra-a u-iš-kan-da-ri* (IBoT 1.36 i 74)

PLUR.IMP.3PL
 u-iš-kan-ta-ru (KUB 31.103 obv. 10)

***ušneške/a-*^{zi} 'weight, balance (tr.)'*, *ušneške/a-*^{tta(ri)} 'put up for sale'**

Token frequency: 3 (OS)

<u>OS</u>

PLUR.PRS.3SG
uš-ne-eš-[*kat-ta*] (KUB 29.29 ii 8), *uš-ne-eš-kat-ta* (12), *uš-ne-eš-k*[*at-t*]*a*
(15)

***ur-*^{āri}, *war-*^{āri} 'burn'**

Token frequency: 1 (OS), 1 (NS)

<u>OS</u>[4]

PRS.3SG
ú-ra-a-ni (KBo 17.3+ iii 44)

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[4] Kloekhorst (2008 s.v.) also adds KBo 8.74+ ii 3, but the context is very fragmentary, and
     only the sings *ú-ra-a-* can be read.

NS

PRS.3SG
ar-ḫa BIL-*ni* (KUB 15.1 iii 19)

wakk-*āri* 'be lacking'

Token frequency: 1 (MS), 2 (NS)

MS
wa-aq-qa-a-ri-ya (KBo 53.10 ii 8)

NS

PRS.3SG
=*kan wa-aq-qa-a-ri* (KBo 4.8 ii 12), =*šan wa-ag-ga-ri* (14)

waršiye/a-*zi* 'relieve (one's spirit)', waršiye/a-*tta(ri)* 'be(come) appeased'

Token frequency: 1 (NS)

NS

PRS.3SG
wa-[*ar*]*-ši-ya-at-ta-ri* (KUB 14.8 rev. 34)

watku-*zi* 'jump, flee'

Token frequency: 1 (NS)

NS

IMP.2SG
=*aš-ta ar-ḫa wa-at-qa-aḫ-ḫu-ut* (KBo 19.43+ iii 50)

weḫ-^{zi} 'turn'

Token frequency: 1 (OS), 2 (MS), 13 (NS)

<u>OS</u>

PRS.3PL
ú-e-ḫa-an-ta (KUB 60.41+ ii 17)[5]

<u>MS</u>

IMP.3PL
=*šan ú-e-ḫa-an-da-ru* (KUB 13.1 i 45), *ú-e-ḫa-an-da-ru* (ii 25)

<u>NS</u>

PRS.3SG
=*kan ú-e-eḫ-ta-ri* (KBo 3.3 ii 18); *ú-e-eḫ-ta-ri* (KUB 31.71 iv 3); =*kan ú-e-eḫ-ta-r*[*i*] (KUB 21.38 obv. 31); =*kan ú-e-eḫ-ta-ri* (KBo 4.12 rev. 11); [*ú-e-*]*aḫ-at-ta* (KBo 12.112 rev. 4), =*šan* [*ú-e-ḫ*]*a-at-ta* (12)

PRS.3PL
a-ra-aḫ-za-an-da ú-e-ḫa-an-da-[(*ri*)] (KBo 5.4 ii 11); *a-ra-a*[*ḫ-za-an-da ú-e-ḫa-an-da-ri*] (KBo 4.3 iv 24)

PST.3SG
=*kan ú-e-eḫ-ta-at* (KUB 31.66 ii 12); *ú-e-eḫ-ta-at (*KUB 26.1 iii 18)

IMP.3SG

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5 The form occurs in a highly fragmentary context, so that it could also be a neuter plural nominative/accusative participle (cf. Neu 1983: 214 fn. 624).

ú-e-ḫa-at-ta-ru (KBo 55.21 obv. 2); *ú-e-ḫa-at-ta-ru* (KBo 12.112 rev. 10), *ú-e-ḫa-at-ta-ru* (13)

wemiye/a-*zi* 'find', wemiye/a-*tta(ri)* 'be found'

Token frequency: 1 (NS)

<u>NS</u>

IMP.3SG
ú-e-mi-ya-[*at*]*-ta-ru* (KUB 14.10 iv 19)

weriye/a-*zi* 'call, name, summon', weriye/a-*ttari* 'join'

Token frequency: 7 (NS)

<u>NS</u>

PRS.2SG
an-da ú-e-ri-ya-at-ta-ti (KUB 6.41+ iii 61)

PRS.3SG
an-da ú-e-ri-ya-at-ta-ri (KUB 21.29 iii 47)

PST.1SG
an-da ú-e-ri-aḫ-ḫa-ḫa-[*a*]*t* (KUB 26.32+ i 13), *an-da ú-e-ri-aḫ-ḫ*[*a-at*] (ii 7)

PST.3SG
an-da ú-e-ri-at-ta-at (KUB 23.1 iii 7), *an-da ú-e-ri-ya-at-ta-at* (KUB 6.41+ iii 51)

IMP.2SG
an-da ú-e-ri-ya-uḫ-ut (KUB 31.68 rev. 46)

wešš-*tta* 'wear', wašš(iy)e/a-*zi/tta(ri)* 'dress (tr.), dress up (with =za)'

Token frequency: 2 (OS), 4 (MS)

<u>OS</u>

PRS.3SG
u-e-eš-ta (KBo 20.26+ obv. 12)

PRS.3PL
u-e-eš-ša-an-da (KBo 17.1+ i 24)

<u>MS</u>

PRS.3PL
u-e-eš-ša-an-ta (IBoT 1.36 i 77), *u-e-eš-ša-an-ta* (ii 50), *u-e-eš-ša-an-ta* (53), *u-e-eš-ša-an-ta* (58)

wešiye/a-*tta(ri)* 'graze'

Token frequency: 1 (OS), 3 (MS)

<u>OS</u>

PRS.3SG
ú-ši-e-et-ta (KBo 17.23 obv. 4)

<u>MS</u>

PRS.3SG
ú-e-ši-ya-at-ta-ri (KUB 26.19 ii 3)

PRS.3PL
ú-e-ši-ya-an-[*d*]*a-ri* (KUB 26.19 ii 18), [*ú-e-ši-ya-an-da-ri*] (22)

zaḫḫ- ^{*i/ta(ri)*} **'hit'**, ***zaḫḫ-*** ^{*ta(ri)*} **'be hit, hit each other'**

Token frequency: 2 (OS), 1 (NS)

OS

PRS.3PL
[*za-aḫ-ḫa-an-d*]*a* (KUB 29.32+ iii 27)

PLUR.PRS.3PL
za-aḫ-ḫi-iš-kan-ta (KBo 17.36+ ii 16)

NS

PRS.3SG
=*kan za-aḫ-ta-ri* (KUB 5.1 iv 72)

zaḫḫiye/a- ^{*tta(ri)/zi*} **'fight'**

Token frequency: 19 (MS), 1 (NS)

MS

PRS.1SG
za-aḫ-ḫi-ya-aḫ-ḫa (KUB 23.72 rev. 40); *za-aḫ-ḫi-ya-aḫ-ḫa-ri* (KUB 14.1 + KBo 19.38 obv. 30), *za-aḫ-ḫi-ya-aḫ-ḫa-ri* (31)

PRS.3SG
=*ka*]*n za-ḫa-ḫi-ya-a*[*t-ta-ri*] (KBo 16.27 ii 2); =*šan* [*za-aḫ-ḫi-ya-at-ta*]-*ri* (KUB 14.1 + KBo 19.38 obv. 26), =*šan za-aḫ-ḫi-ya-at-ta-ri* (rev. 47); *za-aḫ-ḫi-ya-at-ta-ri* (KUB 26.19 ii 15)

PRS.1PL

za-aḫ-ḫi-ya-u-wa-aš-t[(*a*)] (KUB 31.44 ii 15)

PRS.2PL
[*za-aḫ-ḫi-ya-ad-d*]*u-ma* (KUB 23.72 rev. 64), [*z*]*a-aḫ-i-ya-ad-du-ma* (66)

PST.1SG
za-aḫ-ḫi-ya-aḫ-ḫa-at (KUB 23.12 iii 30)

IMP.2SG
za-aḫ-ḫ[*i-ya-aḫ-ḫu-ut*] (KUB 14.1 + KBo 19.38 obv. 32), *za-aḫ-ḫi-ya-aḫ-ḫu-ut* (KBo 16.47 obv. 12)

IMP.2PL
za-aḫ-ḫi-ya-at-d[*u-ma-at*] (KBo 50.171 2); *za-aḫ-ḫi-ya-a*[*d-du-ma-at*] (KBo 16.27 iv 13); *za-aḫ-ḫi-ya-ad-*[*du*]*-ma-at* (KUB 21.47 rev. 22); *za-aḫ-ḫi-ya-ad-du-ma-at* (KUB 26.17 i 5); [*za-aḫ-ḫi-ya-ad-du-ma-at*] (KUB 23.72 rev. 41); *za-aḫ-ḫ*[*i-y*]*a-ad-du-ma-at* (KUB 26.20 i 8)

<u>NS</u>

PRS.1PL
za-aḫ-ḫi-ya-u-wa-aš-ta-ti (KBo 3.4+ ii 13)

zaluknu-*zi* 'postpone, delay (tr.)', zaluknu-*tari* 'be delayed, be(come) late'

Token frequency: 1 (MS)

<u>MS</u>

PRS.3PL
za-al-ka-nu-an-ta-r[*i*] (KUB 13.1+ iv 37)

zē-*a(ri)* 'cook (completely) (intr.)'

Token frequency: 1 (OS)

<u>OS</u>

PRS.3SG
ze-e-ya (KBo 17.36+ ii 20)

zinni-/zinn-*zi* 'stop (tr.), destroy', *zinna-*tta(ri)* 'finish (intr.)'

Token frequency: 2 (MS), 4 (NS)

<u>MS</u>

PRS.3PL
zi-in-na-an-ta-ri (IBoT 1.36 iii 51)

PST.3SG
zi-in-na-at-ta-at (HKM 80 obv. 8)

<u>NS</u>

PRS.3SG
zi-in-n[*a-at-ta-ri*] (KUB 22.70 rev. 21), *zi-in-na-at-ta-ri* (22), *zi-in-na-at-ta-ri* (65)

PST.3SG
zi-in-na-at-[*ta-at*] (KBo 2.5 iv 11)

APPENDIX II

Potential examples of the *-a* $\rightarrow$ *-ta* replacement

In this Appendix, I discuss possible examples for the presumed 3rd person singular *-a* $\rightarrow$ *-ta* ending shift (see discussion in Chap. 1 sec. 1.7.3.1).

au- 'see'
The only middle forms of *au-[i]* 'see' is *uwaru* KUB 36.44 iv 4 (OH/MS). There is no compelling evidence of a transfer to the *ta*-class, as the forms *uwaittari* (KUB 31.68:45) and *uwaittat* (KUB 23.103 Ro 24) may also belong to *uwai-[tta(ri)]* 'make feel sorry for' (see Neu 1968a: 185).

eš- 'sit down'
The verb takes the *-a(t)* ending since OH/OS. There are only four forms that feature the ending *-tat* in the preterite:

- *e-eš-ta-at* (KUB 30.34 iv 3, 4, MH/NS). These forms are both intransitive and occur with =*za*, (cf. Neu 1968a: 29), thus they are identical to intransitive *ešat* (note that S. Melzer – S. Görke (ed.), hethiter.net/: CTH 400.1 (TX 20.04.2017, TRde 20.04.2017) translate both forms as 2nd person 'you' but this is clearly impossible for at least the first form, which takes the subject clitic pronoun =*aš*). However, since the forms occur in a copy, their probative value is doubtful.
- *e-eš-ta-at* (KBo 50.44 11, NS). The meaning of this form is not entirely clear (cf. Neu 1968a: 31 fn. 22), so the examples is uncompelling.
- *e-eš-ta-at* (KBo 5.8 ii 15, NH/NS). This is likely a newly formed passive 'be occupied' based on transitive *eš-* 'occupy' (see discussion of example **Fout! Verwijzingsbron niet gevonden.**).

ḫap- 'join; work out'
Besides OH/OS *ḫa-ap-pa-ru* (KBo 25.123 8 OH/OS), we find *ḫa-ap-da-ri* (KBo 18.54 rev. 19, MH/MS) as well as several occurrences in the preterite, e.g. *haptdat* 'work out' (KBo 18.54 rev. 14-15, MH/MS), *haptat*

(KUB 1.1 ii 76, NH/NS), and *haptat* (KUB 21.27 i 11-12, NH/NS). However, all occurrences with *-tat* show the meaning 'work out, succeed', whereas the meaning of OH *ḫapparu* is unclear, so that this is not a compelling case of isofunctional replacement.

ḫi(n)k-, ḫai(n)k- 'bow'

Already in OH/OS, we find the form *ḫi-in-ga* (KBo 20.11 ii 5), *ḫe-ek-ta* (KBo 20.10+ i 5) and *ḫa-i[(k-ta-ri)]* (KUB 36.100 ii 19, OS?) coexisting alongside. Thus, this does not strictly speaking qualify as a case of replacement, as it is not possible to decide which form is older based on the chronology of the attestations.

karš(iye/a)- 'cut'

The only likely 3rd person singular middle form of *karš(iye/a)-* 'cut' is *kar-aš-ta-ri* (KUB 16.12 rev. 10, NS). The often-quoted form *karša* in KBo 19.142 (ii 23, iii 24), might not even belong to *karš(iye/a)-^{zi}* 'cut' (cf. Wegner 1995: 203-204). The form *karšaru* (1/i iii 5, NS) also has little probative value, as it occurs in a NS copy and the parallel text shows *karštaru* instead.

lāḫu- 'pour'

Middle forms of the verb never occur in original texts. Forms in *-a* are attested in *la-ḫu-wa-a-ri* (KBo 3.29: 11, OH/NS), *la-ḫu-u-wa-a-ri* (KUB 25.37 i 26, 27, 28, OH/NS), and *la-ḫu-u-wa-ru* (KBo 10.45 i 26, MH/NS). The status of forms in *-ta* is more problematic. First, the form *la-ḫu-wa-ta-ri* (KUB 13.8 obv. 8, MH/NS), can also be read as *la-ḫu-ut-ta-ri* per *CHD* (also Yoshida 2016: 504 fn. 12), thus parallel to preterite *la-ḫu-ut-ta-at* (KBo 13.106 i 15, OH/NS). As discussed by Yoshida (2007b, 2011, 2016), these forms do not simply replace *la-ḫu-u-wa-a-ri* but result from secondary 'medialization'.

lāk- 'knock out'

The verb occurs in the middle voice as *la-ga-a-ri* (KUB 19.23 rev. 18, 19, NH/NS). The isolated form *la-ga-a-it-ta-ri* (KUB 5.7 obv. 18), is not a replacement of *lagāri*, as it is a secondary creation based on the new active stem *lagai-* (cf. Yoshida 2007b).

paḫš- 'protect'

In MH, the present 3rd person singular of this verb is *paḫša* 'he protects' (e.g. KUB 36.127 obv. 8). In NH, all preterite 3rd person singular forms in original texts show the ending *-tat*. Some of these are identical in function to MH *paḫša*, thus e.g. *paḫḫaštat* 'he defended (the land of Pala)' (KBo 5.8 ii 26), thus suggesting that we are dealing with a real case of replacement in the same function. However, one cannot rule out that since by NH the verb was partly transferred to the active inflection, middle preterite *paḫḫaštat* could be an attempt to restore the middle inflection of the newly created active forms *paḫḫašta* (e.g. several times in KUB 23.1, see *CHD s. v.*).

parš(i)- 'break'

The verb inflects as *paršiya* 'break (tr.)' since OH/OS, and forms in *-a* continue down to NH times. The isolated NS forms *par-ši-it-ta-ri* (KBo 6.34 ii 10) and *par-ši-it-ta-ru* KBo 6.34 ii 16, i 38 constitute new oppositional intransitives 'breaks (intr.)' built after the partial transfer of the verb to the active inflection, and as such do not represent a replacement of OS *paršiya* 'break (tr.)'. The form *par-aš-ta-at* (48/e obv. 6) possibly belongs to *parš-* 'flee, escape' (thus *CHD*) and is therefore irrelevant.

šai-   'squirt, flow'

All occurrences of the verb come from copies. Forms in *a-* include *ši-ya-a-ri* (KBo 3.16+ ii 10, NS) and *ši-ya-ri* (KUB 31.1 ii 10, NS) both intransitive meaning 'squirt, flow'. One also finds the form *ši-i-e-et-ta-ri* (KBo 25.163 v 6, OH/NS) with passive meaning 'be pressed'. As discussed by Yoshida (2011) this form is a secondary formation based on the new active stem *siye-* plus regular *-ta*, so that it cannot represent a replacement of *ši-ya-ri.*

šamešiye/a- 'burn from fumigation'

The verb occurs only twice in the middle voice in copies. Besides *ša-me-ši-i-e-it-ta* (110/e obv. 29) 'it burns' one also finds the form *ša-mi-ši-ya* (KUB 36.12+ ii 9), but since this could also be emended as active *ša-mi-ši-ya-at* 'she burned incense' (cf. *CHD*), this pair is not probative.

šup- 'fall asleep'

The only assured middle form of the verb is *šu-up-ta-ri* (KBo 5.4 rev. 38, NH/NS), also occurring in a copy as *šu-up-ta-a-ri* (KUB 4.47 i 3, NS). The form *šu-up-pa-ri* (KUB 37.190 obv. 6) occurs in an Akkadian medicinal text and the manuscript is of uncertain dating. The form *šuppatta* occurs twice in KUB 43.60, but since this is a NS copy of an OH text, its reality can also be questioned.

šuppiyaḫḫ- 'purify' and šiuniyaḫḫ- 'be hit by a disease (through a god)'

The verb *šuppiyaḫḫ-* occurs as *šuppiyaḫati* 'he purifies himself' in OH/OS already (KBo 25.112 ii 14), and reflexive forms in *-a* are also attested elsewhere in copies (KBo 3.16 rev. 11, OH/NS, KUB 12.43: 9, NS). The verb occurs twice with the ending *-ta*: *šu-up-pi-ya-aḫ-ta-ri* (KBo 17.78 i 4, MS), which is a passive 'be purified' passive, and *šu-up-pi-ya-aḫ-ta-ri* KBo 31.144 i 2 (MS, unclear meaning, see Neu 1968a: 159 fn. 7).

The verb *šiuniyaḫḫ-* occurs only in copies. Forms in *-ta* boil down to *ši-u-ni-aḫ-ta* in KBo 6.10 iv 10 (NS) and other NS copies of the Laws. Only once does the verb occur in the form *ši-u-ni-ya-aḫ-ḫa-ti* (KUB 11.1 iv 15, MS?).

With both verbs, one cannot be sure that *-ta* forms are replacement of earlier *-a* forms. Forms of *šiuniyaḫḫ-* are in general too scarce. For *šuppiyaḫḫ-*, one cannot rule out the possibility that the form *šuppiyaḫtari* is a productively newly created *-ta* forms based on the partial transfer of the verb to the *-mi* inflection (note further the difference in meaning: *šuppiyaḫati* is reflexive 'purify oneself' whereas *šuppiyaḫtari* is passive 'be purified').

tuḫs-   'cut off'

The verb appears as transitive *tuḫša* 'cut off' already in OH, but there is no evidence that it was ever transferred to the *-ta* class. The form *tuḫḫušta* 'comes to an end' is either an old oppositional middle or an active preterite (see Part Two for discussion) whereas *tuḫ-ḫu-uš-ta-at* (KBo 39.8 i 41, OH/MS) is a newly formed passive 'be cut, separated', productively built on the new active paradigm *tuḫš-^{zi}*, as discussed for example **Fout! Verwijzingsbron niet gevonden.**.