

Multi-CAST

Arta

corpus counts

Yukinori Kimoto

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v1.2



ARC CENTRE OF EXCELLENCE FOR
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Multi-CAST

*Multilingual Corpus of
Annotated Spoken Texts*

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1 Notes on the GRAID counts

This document collects tables with frequency counts for combinations of selected GRAID symbols in version 2101 (from January 2020) of the Multi-CAST *Arta* corpus. Unless a more recent version of this document exists, it also applies to any later versions of the annotations. Note that the tables are intended to offer only cursory impressions of the relative proportions between different types of referring expression. They do not provide exact summaries of the annotations.

Only a small number of basic GRAID symbols are counted:

Function symbols

| | |
|---------|----------------------------|
| ⟨0⟩ | zero |
| ⟨pro⟩ | definite pronoun |
| ⟨np⟩ | full noun phrase |
| ⟨other⟩ | form not further specified |

Person/Animacy symbols

| | |
|------|-------------------------------|
| ⟨.1⟩ | first person |
| ⟨.2⟩ | second person |
| ⟨.h⟩ | third person, human |
| ⟨.d⟩ | third person, anthropomorphic |
| ∅ | third person, non-human |

Function symbols

| | |
|----------|-----------------------------------|
| ⟨:a⟩ | subject of a transitive clause |
| ⟨:s⟩ | subject of an intransitive clause |
| ⟨:ncs⟩ | non-canonical subject |
| ⟨:p⟩ | direct object |
| ⟨:ob1⟩ | oblique argument |
| ⟨:g⟩ | goal argument |
| ⟨:l⟩ | locational argument |
| ⟨:poss⟩ | possessive |
| ⟨:pred⟩ | predicate |
| ⟨:other⟩ | function not further specified |

Clause boundary symbols

| | |
|------|--------------------|
| ⟨##⟩ | independent clause |
| ⟨#⟩ | other clause |

Only basic categories are listed; categories represented by complex symbols with additional specifiers (e.g. ⟨dem_pro⟩ ‘demonstrative pronoun’) have been subsumed under the more basic category (e.g. ⟨pro⟩ ‘definite pronoun’). Please refer to the annotation notes for this corpus for information on all annotated categories, including those not listed here.

2 The Arta corpus

| GRAID | <:a> | <:s> | <:ncs> | <:p> | <:obl> | <:g> | <:l> | <:poss> | <:pred> | <:other> | <i>totals</i> |
|---------------|------|------|--------|------|--------|------|------|---------|---------|----------|---------------|
| <∅ .1> | 12 | 3 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 19 |
| <∅ .2> | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| <∅ .h> | 33 | 52 | 0 | 32 | 1 | 2 | 0 | 0 | 0 | 0 | 120 |
| <∅ .d> | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| <∅> | 7 | 24 | 0 | 73 | 0 | 1 | 0 | 0 | 0 | 0 | 105 |
| <pro .1> | 123 | 63 | 0 | 16 | 0 | 2 | 0 | 132 | 2 | 2 | 340 |
| <pro .2> | 40 | 20 | 1 | 5 | 1 | 0 | 0 | 21 | 3 | 0 | 91 |
| <pro .h> | 162 | 58 | 2 | 21 | 1 | 0 | 0 | 92 | 2 | 1 | 339 |
| <pro .d> | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| <pro> | 6 | 29 | 0 | 43 | 3 | 11 | 8 | 9 | 7 | 7 | 123 |
| <np .h> | 41 | 77 | 14 | 62 | 4 | 11 | 0 | 30 | 6 | 7 | 252 |
| <np .d> | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| <np> | 6 | 82 | 44 | 152 | 19 | 9 | 20 | 14 | 67 | 68 | 481 |
| <other .h> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other> | 0 | 2 | 0 | 4 | 0 | 0 | 1 | 0 | 125 | 0 | 132 |
| <i>totals</i> | 440 | 413 | 61 | 414 | 29 | 37 | 29 | 298 | 212 | 85 | |
| <##> | | | | | | | | | | | 690 |
| <#> | | | | | | | | | | | 340 |
| <i>totals</i> | | | | | | | | | | | 1030 |

Table 1 Summarized GRAID counts for the entire Arta corpus.

2.1 *alisiya*

| GRAID | <:a> | <:s> | <:ncs> | <:p> | <:obl> | <:g> | <:l> | <:poss> | <:pred> | <:other> | <i>totals</i> |
|---------------|------|------|--------|------|--------|------|------|---------|---------|----------|---------------|
| <∅ .1> | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| <∅ .2> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅ .h> | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| <∅ .d> | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| <∅> | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| <pro .1> | 6 | 15 | 0 | 4 | 0 | 0 | 0 | 15 | 0 | 0 | 40 |
| <pro .2> | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| <pro .h> | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 8 |
| <pro .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <pro> | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| <np .h> | 2 | 4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| <np .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <np> | 0 | 7 | 2 | 11 | 0 | 1 | 1 | 0 | 3 | 3 | 28 |
| <other .h> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 6 |
| <i>totals</i> | 20 | 32 | 2 | 20 | 0 | 2 | 1 | 18 | 9 | 3 | |
| <##> | | | | | | | | | | | 37 |
| <#> | | | | | | | | | | | 18 |
| <i>totals</i> | | | | | | | | | | | 55 |

Table 2 Summarized GRAID counts for the *alisiya* text.

2.2 arsenyo

| GRAID | <:a> | <:s> | <:ncs> | <:p> | <:obl> | <:g> | <:l> | <:poss> | <:pred> | <:other> | <i>totals</i> |
|---------------|------|------|--------|------|--------|------|------|---------|---------|----------|---------------|
| <∅ .1> | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| <∅ .2> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅ .h> | 1 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| <∅ .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅> | 0 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| <pro .1> | 16 | 2 | 0 | 2 | 0 | 0 | 0 | 7 | 1 | 1 | 29 |
| <pro .2> | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| <pro .h> | 7 | 2 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 14 |
| <pro .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <pro> | 0 | 2 | 0 | 3 | 0 | 0 | 1 | 0 | 1 | 1 | 8 |
| <np .h> | 2 | 5 | 0 | 7 | 0 | 0 | 0 | 0 | 2 | 3 | 19 |
| <np .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <np> | 0 | 5 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 13 |
| <other .h> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 10 |
| <i>totals</i> | 27 | 23 | 2 | 26 | 0 | 0 | 1 | 8 | 14 | 9 | |
| <##> | | | | | | | | | | | 39 |
| <#> | | | | | | | | | | | 26 |
| <i>totals</i> | | | | | | | | | | | 65 |

Table 3 Summarized GRAID counts for the *arsenyo* text.

2.3 *child*

| GRAID | <:a> | <:s> | <:ncs> | <:p> | <:obl> | <:g> | <:l> | <:poss> | <:pred> | <:other> | <i>totals</i> |
|---------------|------|------|--------|------|--------|------|------|---------|---------|----------|---------------|
| <∅ .1> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅ .2> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅ .h> | 3 | 7 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| <∅ .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅> | 0 | 6 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| <pro .1> | 33 | 2 | 0 | 1 | 0 | 0 | 0 | 45 | 0 | 0 | 81 |
| <pro .2> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| <pro .h> | 23 | 15 | 0 | 5 | 1 | 0 | 0 | 16 | 0 | 0 | 60 |
| <pro .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <pro> | 0 | 7 | 0 | 5 | 0 | 1 | 0 | 1 | 5 | 1 | 20 |
| <np .h> | 2 | 15 | 0 | 1 | 0 | 0 | 0 | 4 | 1 | 1 | 24 |
| <np .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <np> | 2 | 16 | 13 | 29 | 3 | 3 | 1 | 3 | 13 | 10 | 93 |
| <other .h> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 15 |
| <i>totals</i> | 63 | 68 | 13 | 58 | 4 | 4 | 1 | 70 | 34 | 12 | |
| <##> | | | | | | | | | | | 91 |
| <#> | | | | | | | | | | | 72 |
| <i>totals</i> | | | | | | | | | | | 163 |

Table 4 Summarized GRAID counts for the *child* text.

2.4 *delia*

| GRAID | <:a> | <:s> | <:ncs> | <:p> | <:obl> | <:g> | <:l> | <:poss> | <:pred> | <:other> | <i>totals</i> |
|---------------|------|------|--------|------|--------|------|------|---------|---------|----------|---------------|
| <∅ .1> | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| <∅ .2> | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| <∅ .h> | 4 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| <∅ .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅> | 1 | 2 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| <pro .1> | 31 | 18 | 0 | 3 | 0 | 1 | 0 | 15 | 0 | 0 | 68 |
| <pro .2> | 11 | 1 | 0 | 2 | 1 | 0 | 0 | 4 | 0 | 0 | 19 |
| <pro .h> | 3 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| <pro .d> | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| <pro> | 2 | 7 | 0 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 17 |
| <np .h> | 1 | 0 | 0 | 10 | 0 | 1 | 0 | 1 | 0 | 0 | 13 |
| <np .d> | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| <np> | 0 | 6 | 8 | 24 | 2 | 0 | 1 | 0 | 9 | 6 | 56 |
| <other .h> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other> | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 12 | 0 | 14 |
| <i>totals</i> | 65 | 39 | 8 | 58 | 3 | 2 | 3 | 20 | 21 | 6 | |
| <##> | | | | | | | | | | | 76 |
| <#> | | | | | | | | | | | 44 |
| <i>totals</i> | | | | | | | | | | | 120 |

Table 5 Summarized GRAID counts for the *delia* text.

2.5 *disubu*

| GRAID | <:a> | <:s> | <:ncs> | <:p> | <:obl> | <:g> | <:l> | <:poss> | <:pred> | <:other> | <i>totals</i> |
|---------------|------|------|--------|------|--------|------|------|---------|---------|----------|---------------|
| <∅ .1> | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| <∅ .2> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅ .h> | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| <∅ .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅> | 0 | 3 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| <pro .1> | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 25 |
| <pro .2> | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| <pro .h> | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 8 |
| <pro .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <pro> | 0 | 7 | 0 | 5 | 0 | 0 | 1 | 2 | 0 | 0 | 15 |
| <np .h> | 3 | 1 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 8 |
| <np .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <np> | 0 | 8 | 4 | 3 | 1 | 2 | 7 | 0 | 16 | 11 | 52 |
| <other .h> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 8 |
| <i>totals</i> | 15 | 25 | 8 | 16 | 1 | 2 | 8 | 22 | 24 | 12 | |
| <##> | | | | | | | | | | | 48 |
| <#> | | | | | | | | | | | 11 |
| <i>totals</i> | | | | | | | | | | | 59 |

Table 6 Summarized GRAID counts for the *disubu* text.

2.6 *hapon*

| GRAID | <:a> | <:s> | <:ncs> | <:p> | <:obl> | <:g> | <:l> | <:poss> | <:pred> | <:other> | <i>totals</i> |
|---------------|------|------|--------|------|--------|------|------|---------|---------|----------|---------------|
| <∅ .1> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅ .2> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅ .h> | 3 | 5 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 12 |
| <∅ .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅> | 0 | 0 | 0 | 8 | 0 | 1 | 0 | 0 | 0 | 0 | 9 |
| <pro .1> | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 14 | 0 | 1 | 20 |
| <pro .2> | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 7 |
| <pro .h> | 37 | 17 | 2 | 2 | 0 | 0 | 0 | 16 | 0 | 0 | 74 |
| <pro .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <pro> | 0 | 2 | 0 | 5 | 0 | 2 | 2 | 0 | 0 | 3 | 14 |
| <np .h> | 6 | 11 | 10 | 3 | 1 | 2 | 0 | 12 | 0 | 0 | 45 |
| <np .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <np> | 0 | 10 | 7 | 23 | 1 | 1 | 2 | 4 | 11 | 8 | 67 |
| <other .h> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other> | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 20 | 0 | 23 |
| <i>totals</i> | 47 | 54 | 19 | 45 | 3 | 7 | 4 | 48 | 32 | 12 | |
| <##> | | | | | | | | | | | 99 |
| <#> | | | | | | | | | | | 33 |
| <i>totals</i> | | | | | | | | | | | 132 |

Table 7 Summarized GRAID counts for the *hapon* text.

2.7 *husband*

| GRAID | <:a> | <:s> | <:ncs> | <:p> | <:obl> | <:g> | <:l> | <:poss> | <:pred> | <:other> | <i>totals</i> |
|---------------|------|------|--------|------|--------|------|------|---------|---------|----------|---------------|
| <∅ .1> | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| <∅ .2> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅ .h> | 2 | 8 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| <∅ .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅> | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| <pro .1> | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 13 |
| <pro .2> | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| <pro .h> | 10 | 2 | 0 | 5 | 0 | 0 | 0 | 4 | 0 | 0 | 21 |
| <pro .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <pro> | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| <np .h> | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 7 |
| <np .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <np> | 1 | 3 | 0 | 4 | 2 | 2 | 0 | 0 | 4 | 3 | 19 |
| <other .h> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other> | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 12 | 0 | 13 |
| <i>totals</i> | 18 | 24 | 0 | 18 | 2 | 2 | 0 | 8 | 16 | 3 | |
| <##> | | | | | | | | | | | 35 |
| <#> | | | | | | | | | | | 12 |
| <i>totals</i> | | | | | | | | | | | 47 |

Table 8 Summarized GRAID counts for the *husband* text.

2.8 marry

| GRAID | <:a> | <:s> | <:ncs> | <:p> | <:obl> | <:g> | <:l> | <:poss> | <:pred> | <:other> | <i>totals</i> |
|---------------|------|------|--------|------|--------|------|------|---------|---------|----------|---------------|
| <∅ .1> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅ .2> | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| <∅ .h> | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| <∅ .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅> | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| <pro .1> | 1 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| <pro .2> | 12 | 7 | 0 | 0 | 0 | 0 | 0 | 9 | 2 | 0 | 30 |
| <pro .h> | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 4 |
| <pro .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <pro> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| <np .h> | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 5 |
| <np .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <np> | 0 | 1 | 0 | 4 | 1 | 0 | 0 | 0 | 1 | 0 | 7 |
| <other .h> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other> | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 7 | 0 | 8 |
| <i>totals</i> | 18 | 12 | 0 | 17 | 1 | 0 | 0 | 10 | 13 | 0 | |
| <##> | | | | | | | | | | | 17 |
| <#> | | | | | | | | | | | 28 |
| <i>totals</i> | | | | | | | | | | | 45 |

Table 9 Summarized GRAID counts for the *marry* text.

2.9 *swateng*

| GRAID | <:a> | <:s> | <:ncs> | <:p> | <:obl> | <:g> | <:l> | <:poss> | <:pred> | <:other> | <i>totals</i> |
|---------------|------|------|--------|------|--------|------|------|---------|---------|----------|---------------|
| <∅ .1> | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| <∅ .2> | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| <∅ .h> | 6 | 14 | 0 | 18 | 0 | 1 | 0 | 0 | 0 | 0 | 39 |
| <∅ .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅> | 1 | 2 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| <pro .1> | 12 | 4 | 0 | 3 | 0 | 0 | 0 | 3 | 1 | 0 | 23 |
| <pro .2> | 11 | 7 | 0 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 23 |
| <pro .h> | 52 | 12 | 0 | 1 | 0 | 0 | 0 | 38 | 0 | 0 | 103 |
| <pro .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <pro> | 2 | 2 | 0 | 11 | 2 | 5 | 0 | 0 | 0 | 2 | 24 |
| <np .h> | 15 | 26 | 0 | 21 | 3 | 5 | 0 | 2 | 0 | 2 | 74 |
| <np .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <np> | 2 | 11 | 2 | 26 | 7 | 0 | 1 | 0 | 5 | 10 | 64 |
| <other .h> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 20 |
| <i>totals</i> | 102 | 79 | 2 | 94 | 12 | 11 | 1 | 47 | 26 | 14 | |
| <##> | | | | | | | | | | | 141 |
| <#> | | | | | | | | | | | 49 |
| <i>totals</i> | | | | | | | | | | | 190 |

Table 10 Summarized GRAID counts for the *swateng* text.

2.10 typhoon

| GRAID | <:a> | <:s> | <:ncs> | <:p> | <:obl> | <:g> | <:l> | <:poss> | <:pred> | <:other> | <i>totals</i> |
|---------------|------|------|--------|------|--------|------|------|---------|---------|----------|---------------|
| <∅ .1> | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| <∅ .2> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅ .h> | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| <∅ .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅> | 2 | 8 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| <pro .1> | 12 | 6 | 0 | 2 | 0 | 0 | 0 | 10 | 0 | 0 | 30 |
| <pro .2> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <pro .h> | 5 | 1 | 0 | 1 | 0 | 0 | 0 | 5 | 0 | 0 | 12 |
| <pro .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <pro> | 2 | 1 | 0 | 1 | 0 | 0 | 1 | 6 | 0 | 0 | 11 |
| <np .h> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 |
| <np .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <np> | 1 | 15 | 6 | 12 | 2 | 0 | 5 | 7 | 4 | 9 | 61 |
| <other .h> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 11 |
| <i>totals</i> | 23 | 31 | 6 | 23 | 2 | 1 | 6 | 31 | 15 | 9 | |
| <##> | | | | | | | | | | | 47 |
| <#> | | | | | | | | | | | 25 |
| <i>totals</i> | | | | | | | | | | | 72 |

Table 11 Summarized GRAID counts for the *typhoon* text.

2.11 *udulan*

| GRAID | <:a> | <:s> | <:ncs> | <:p> | <:obl> | <:g> | <:l> | <:poss> | <:pred> | <:other> | <i>totals</i> |
|---------------|------|------|--------|------|--------|------|------|---------|---------|----------|---------------|
| <∅ .1> | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| <∅ .2> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅ .h> | 8 | 5 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 15 |
| <∅ .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <∅> | 2 | 2 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| <pro .1> | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 6 |
| <pro .2> | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 5 |
| <pro .h> | 16 | 4 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 27 |
| <pro .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <pro> | 0 | 1 | 0 | 3 | 1 | 2 | 2 | 0 | 0 | 0 | 9 |
| <np .h> | 10 | 12 | 1 | 11 | 0 | 3 | 0 | 5 | 3 | 1 | 46 |
| <np .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <np> | 0 | 0 | 0 | 14 | 0 | 0 | 2 | 0 | 1 | 4 | 21 |
| <other .h> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other .d> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <other> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 4 |
| <i>totals</i> | 42 | 26 | 1 | 39 | 1 | 6 | 4 | 16 | 8 | 5 | |
| <##> | | | | | | | | | | | 60 |
| <#> | | | | | | | | | | | 22 |
| <i>totals</i> | | | | | | | | | | | 82 |

Table 12 Summarized GRAID counts for the *udulan* text.

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