

Multi-CAST

Nafsan

corpus counts

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September 2021
v1.3



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 2108 (from August 2021) of the Multi-CAST Nafsan 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

⟨:s⟩	subject of an intransitive clause
⟨:a⟩	subject of a transitive clause
⟨:ncs⟩	non-canonical subject
⟨:p⟩	direct object
⟨:ob1⟩	oblique argument
⟨:g⟩	goal argument
⟨:l⟩	locational argument
⟨:pred⟩	predicate
⟨:poss⟩	possessive
⟨: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 Nafsan corpus

GRAID	<:s>	<:a>	<:ncs>	<:p>	<:obl>	<:g>	<:l>	<:pred>	<:poss>	<:other>	<i>totals</i>
<∅ .1>	30	46	0	1	0	1	0	0	0	0	78
<∅ .2>	24	44	0	2	0	0	0	0	0	0	70
<∅ .h>	121	141	0	11	0	0	0	0	0	0	273
<∅ .d>	149	98	0	24	0	0	0	0	0	0	271
<∅>	52	30	0	72	7	0	0	0	0	0	161
<pro .1>	11	15	0	10	4	1	0	0	9	0	50
<pro .2>	11	6	0	12	4	1	0	0	5	0	39
<pro .h>	3	6	0	15	11	3	0	0	37	0	75
<pro .d>	9	2	0	3	1	0	0	0	17	0	32
<pro>	9	3	0	25	19	1	10	2	12	4	85
<np .h>	34	21	0	49	1	1	0	7	6	1	120
<np .d>	42	21	0	14	2	1	0	7	5	0	92
<np>	60	7	0	179	14	50	38	26	31	52	457
<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	4	2	5	0	608	619
<i>totals</i>	555	440	0	417	63	63	50	47	122	665	
<##>											779
<#>											233
<i>totals</i>											1012

Table 1 Summarized GRAID counts for the entire Nafsan corpus.

2.1 *kori*

GRAID	<:s>	<:a>	<:ncs>	<:p>	<:obl>	<:g>	<:l>	<:pred>	<:poss>	<:other>	<i>totals</i>
<∅ .1>	17	18	0	1	0	0	0	0	0	0	36
<∅ .2>	7	12	0	0	0	0	0	0	0	0	19
<∅ .h>	38	24	0	0	0	0	0	0	0	0	62
<∅ .d>	65	25	0	17	0	0	0	0	0	0	107
<∅>	10	13	0	14	0	0	0	0	0	0	37
<pro .1>	2	2	0	3	2	0	0	0	0	0	9
<pro .2>	4	1	0	1	2	0	0	0	0	0	8
<pro .h>	0	2	0	1	1	0	0	0	17	0	21
<pro .d>	2	0	0	0	0	0	0	0	7	0	9
<pro>	1	0	0	0	1	0	6	0	2	0	10
<np .h>	15	1	0	7	0	0	0	1	1	0	25
<np .d>	8	3	0	2	0	0	0	0	0	0	13
<np>	9	2	0	49	5	20	11	3	4	21	124
<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	2	1	1	0	170	174
<i>totals</i>	178	103	0	95	11	22	18	5	31	191	
<##>											230
<#>											54
<i>totals</i>											284

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

2.2 lelep

GRAID	<:s>	<:a>	<:ncs>	<:p>	<:obl>	<:g>	<:l>	<:pred>	<:poss>	<:other>	<i>totals</i>
<∅ .1>	1	3	0	0	0	0	0	0	0	0	4
<∅ .2>	11	16	0	2	0	0	0	0	0	0	29
<∅ .h>	4	11	0	0	0	0	0	0	0	0	15
<∅ .d>	5	8	0	2	0	0	0	0	0	0	15
<∅>	22	3	0	20	1	0	0	0	0	0	46
<pro .1>	1	2	0	0	0	0	0	0	0	0	3
<pro .2>	0	1	0	3	1	0	0	0	1	0	6
<pro .h>	2	2	0	1	0	0	0	0	0	0	5
<pro .d>	3	1	0	0	0	0	0	0	0	0	4
<pro>	6	2	0	4	0	0	2	0	1	1	16
<np .h>	1	1	0	0	0	0	0	3	1	0	6
<np .d>	4	1	0	5	0	1	0	5	0	0	16
<np>	18	0	0	8	0	3	7	10	5	8	59
<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	1	1	0	70	72
<i>totals</i>	78	51	0	45	2	4	10	19	8	79	
<##>											107
<#>											22
<i>totals</i>											129

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

2.3 *lisau*

GRAID	<:s>	<:a>	<:ncs>	<:p>	<:obl>	<:g>	<:l>	<:pred>	<:poss>	<:other>	<i>totals</i>
<∅ .1>	0	1	0	0	0	0	0	0	0	0	1
<∅ .2>	1	2	0	0	0	0	0	0	0	0	3
<∅ .h>	5	18	0	2	0	0	0	0	0	0	25
<∅ .d>	3	6	0	3	0	0	0	0	0	0	12
<∅>	5	0	0	3	5	0	0	0	0	0	13
<pro .1>	1	0	0	0	1	0	0	0	0	0	2
<pro .2>	0	0	0	1	1	0	0	0	0	0	2
<pro .h>	1	1	0	2	1	1	0	0	6	0	12
<pro .d>	1	1	0	2	0	0	0	0	0	0	4
<pro>	0	0	0	1	2	0	2	0	0	0	5
<np .h>	2	4	0	9	0	0	0	0	0	0	15
<np .d>	3	0	0	2	0	0	0	1	0	0	6
<np>	3	0	0	8	0	0	1	3	1	0	16
<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	2	0	39	41
<i>totals</i>	25	33	0	33	10	1	3	6	7	39	
<##>											40
<#>											18
<i>totals</i>											58

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

2.4 *litog*

GRAID	<:s>	<:a>	<:ncs>	<:p>	<:obl>	<:g>	<:l>	<:pred>	<:poss>	<: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>	21	16	0	7	0	0	0	0	0	0	44
<∅ .d>	16	16	0	2	0	0	0	0	0	0	34
<∅>	3	4	0	7	0	0	0	0	0	0	14
<pro .1>	0	0	0	0	0	0	0	0	3	0	3
<pro .2>	0	0	0	0	0	0	0	0	0	0	0
<pro .h>	0	0	0	0	7	0	0	0	1	0	8
<pro .d>	2	0	0	0	1	0	0	0	4	0	7
<pro>	1	0	0	0	0	0	0	0	2	0	3
<np .h>	1	1	0	11	0	1	0	2	1	0	17
<np .d>	3	0	0	2	0	0	0	0	0	0	5
<np>	2	0	0	10	4	2	2	2	3	4	29
<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	2	0	0	0	36	38
<i>totals</i>	50	38	0	39	12	5	2	4	14	40	
<##>											77
<#>											9
<i>totals</i>											86

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

2.5 *maal*

GRAID	<:s>	<:a>	<:ncs>	<:p>	<:obl>	<:g>	<:l>	<:pred>	<:poss>	<:other>	<i>totals</i>
<∅ .1>	2	3	0	0	0	0	0	0	0	0	5
<∅ .2>	1	3	0	0	0	0	0	0	0	0	4
<∅ .h>	0	0	0	0	0	0	0	0	0	0	0
<∅ .d>	11	14	0	0	0	0	0	0	0	0	25
<∅>	0	0	0	7	1	0	0	0	0	0	8
<pro .1>	0	1	0	0	1	0	0	0	0	0	2
<pro .2>	0	0	0	1	0	0	0	0	0	0	1
<pro .h>	0	0	0	0	0	0	0	0	0	0	0
<pro .d>	1	0	0	0	0	0	0	0	0	0	1
<pro>	0	0	0	1	4	0	0	0	1	0	6
<np .h>	0	0	0	0	0	0	0	0	0	0	0
<np .d>	8	5	0	1	2	0	0	0	0	0	16
<np>	2	0	0	18	1	4	3	0	2	3	33
<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	0	40	40
<i>totals</i>	25	26	0	28	9	4	3	0	3	43	
<##>											36
<#>											16
<i>totals</i>											52

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

2.6 *nmatu*

GRAID	<:s>	<:a>	<:ncs>	<:p>	<:obl>	<:g>	<:l>	<:pred>	<:poss>	<:other>	<i>totals</i>
<∅ .1>	1	11	0	0	0	0	0	0	0	0	12
<∅ .2>	1	5	0	0	0	0	0	0	0	0	6
<∅ .h>	15	25	0	2	0	0	0	0	0	0	42
<∅ .d>	0	0	0	0	0	0	0	0	0	0	0
<∅>	4	7	0	10	0	0	0	0	0	0	21
<pro .1>	0	2	0	1	0	1	0	0	4	0	8
<pro .2>	0	3	0	4	0	1	0	0	4	0	12
<pro .h>	0	0	0	3	0	0	0	0	5	0	8
<pro .d>	0	0	0	0	0	0	0	0	0	0	0
<pro>	0	0	0	6	2	0	0	0	1	1	10
<np .h>	5	6	0	15	0	0	0	0	2	0	28
<np .d>	0	0	0	0	0	0	0	0	0	0	0
<np>	2	1	0	19	1	4	0	2	5	5	39
<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	0	45	45
<i>totals</i>	28	60	0	60	3	6	0	2	21	51	
<##>											65
<#>											23
<i>totals</i>											88

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

2.7 *ntwam*

GRAID	<:s>	<:a>	<:ncs>	<:p>	<:obl>	<:g>	<:l>	<:pred>	<:poss>	<:other>	<i>totals</i>
<∅ .1>	6	5	0	0	0	0	0	0	0	0	11
<∅ .2>	3	2	0	0	0	0	0	0	0	0	5
<∅ .h>	34	40	0	0	0	0	0	0	0	0	74
<∅ .d>	9	13	0	0	0	0	0	0	0	0	22
<∅>	4	2	0	5	0	0	0	0	0	0	11
<pro .1>	4	5	0	3	0	0	0	0	0	0	12
<pro .2>	5	1	0	2	0	0	0	0	0	0	8
<pro .h>	0	1	0	3	0	1	0	0	6	0	11
<pro .d>	0	0	0	0	0	0	0	0	0	0	0
<pro>	0	1	0	10	5	1	0	0	1	2	20
<np .h>	9	6	0	6	0	0	0	1	0	0	22
<np .d>	9	5	0	1	0	0	0	1	0	0	16
<np>	10	1	0	41	2	9	7	5	1	5	81
<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	0	123	123
<i>totals</i>	93	82	0	71	7	11	7	7	8	130	
<##>											130
<#>											56
<i>totals</i>											186

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

2.8 *taapes*

GRAID	<:s>	<:a>	<:ncs>	<:p>	<:obl>	<:g>	<:l>	<:pred>	<:poss>	<:other>	<i>totals</i>
<∅ .1>	0	0	0	0	0	0	0	0	0	0	0
<∅ .2>	0	1	0	0	0	0	0	0	0	0	1
<∅ .h>	0	0	0	0	0	0	0	0	0	0	0
<∅ .d>	31	14	0	0	0	0	0	0	0	0	45
<∅>	1	0	0	4	0	0	0	0	0	0	5
<pro .1>	1	0	0	0	0	0	0	0	0	0	1
<pro .2>	1	0	0	0	0	0	0	0	0	0	1
<pro .h>	0	0	0	0	0	0	0	0	0	0	0
<pro .d>	0	0	0	1	0	0	0	0	6	0	7
<pro>	1	0	0	2	1	0	0	2	3	0	9
<np .h>	0	0	0	0	0	0	0	0	0	0	0
<np .d>	2	7	0	1	0	0	0	0	5	0	15
<np>	7	1	0	11	0	8	5	1	7	3	43
<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	0	47	47
<i>totals</i>	44	23	0	19	1	8	5	3	21	50	
<##>											49
<#>											18
<i>totals</i>											67

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

2.9 *tafra*

GRAID	<:s>	<:a>	<:ncs>	<:p>	<:obl>	<:g>	<:l>	<:pred>	<:poss>	<:other>	<i>totals</i>
<∅ .1>	2	4	0	0	0	1	0	0	0	0	7
<∅ .2>	0	3	0	0	0	0	0	0	0	0	3
<∅ .h>	4	7	0	0	0	0	0	0	0	0	11
<∅ .d>	9	2	0	0	0	0	0	0	0	0	11
<∅>	3	1	0	2	0	0	0	0	0	0	6
<pro .1>	2	3	0	3	0	0	0	0	2	0	10
<pro .2>	1	0	0	0	0	0	0	0	0	0	1
<pro .h>	0	0	0	5	2	1	0	0	2	0	10
<pro .d>	0	0	0	0	0	0	0	0	0	0	0
<pro>	0	0	0	1	4	0	0	0	1	0	6
<np .h>	1	2	0	1	1	0	0	0	1	1	7
<np .d>	5	0	0	0	0	0	0	0	0	0	5
<np>	7	2	0	15	1	0	2	0	3	3	33
<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	1	0	38	39
<i>totals</i>	34	24	0	27	8	2	2	1	9	42	
<##>											45
<#>											17
<i>totals</i>											62

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

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