Appendix A. Nouns across noun types in the corpus and elicited data (adapted from van Boven 2021: 355)

Noun types	Nouns	
body-nouns	PERSON(variant 1)	TROUSERS(variant 1)
	COUNTRY	MOVIE
	HUMAN	PILLOW(variant 1, variant 2)
	CONTACT	LAMP(variant 1)
	MAN	GIRL
	WOMAN	FRIEND
	PROBLEM	SHOP
	MOTHER	HOTEL(variant 1, variant 2)
	FARMER	MOUSE(variant 1, variant 2)
	GLASSES	DOLL(variant 1, variant 2, variant 3)
lat-nouns	ADULT	PERSON(variant 2)
	CHILD	SCHOOL
	FLAG	PART
	WEEK	BOTTLE(variant 1)
	THING	LAMP(variant 2)
mid-nouns	HOUSE	BOTTLE(variant 2)
	BOOK	CHAIR
	BUILDING	HOTEL(variant 3)
	WORD	OFFICE
	TROUSERS(variant 2)	
comp-nouns	INPUT	BABY
	TRAIN	BICYCLE
	CAFÉ	TRAIN
	CAR	

Reference: van Boven, Cindy. 2021. Phonological restrictions on nominal pluralization in Sign Language of the Netherlands: Evidence from corpus and elicited data. *Folia Linguistica* 55(2). pp. 313–359. DOI: 10.1515/flin-2021-2039

Appendix B. Detailed overview of pluralization strategies for different sub-types of body- and comp-nouns

		N	Zero marking	Simple reduplication	Sideward reduplication	Simultaneous articulation
body-nouns	[body, contact]	113	36 [31.8 %]	72 [63.7%]	5 [4.4%]	0
	[body]	72	38 [52.7%]	31 [43.1%]	1 [1.4%]	2 [2.8%]
comp-nouns	[rep]	11	6 [54.5%]	5 [45.5%]	0	0
	[rep, alt]	11	2 [18.2%]	8 [72.7%]	1 [9.1%]	0
	[rep, circ]	11	9 [81.8%]	1 [9.1%]	1 [9.1%]	0
	[rep, circ, alt]	7	6 [85.7%]	1 [14.3%]	0	0

Appendix C1. OTMulti grammar

```
"OTGrammar 2"

<OptimalityTheory>
0 ! leak
7 constraints
     "M\s{AX}-\s{RED}" 100 100 1
     "RED=σ" 100 100 1
     "*P\s{LURAL}-L" 100 100 1
     "I\s{DENT}-BR-P\s{LACE}" 100 100 1
     "*B\s{ASE}[mid]R\s{ED}[mid]" 100 100 1
     "I\s{DENT}-IO-[1H]" 100 100 1
     "*[lat, 1H]" 100 100 1


0
5
"[bod, 1H] + RED"
4 candidates
     "[bod, 1H]"               1 0 0 0 0 0 0
     "[bod, 1H] + [bod, 1H]"   0 0 1 0 0 0 0
     "[bod, 1H] + [lat, 1H]"   0 0 1 1 0 0 0
     "[bod, 2H]"               0 1 0 0 0 1 0

"[bod, 2H] + RED"
3 candidates
     "[bod, 2H]"               1 0 0 0 0 0 0
     "[bod, 2H] + [lat, 2H]"   0 0 1 1 0 0 0
     "[bod, 2H] + [bod, 2H]"   0 0 1 0 0 0 0

"[rep, 2H] + RED"
3 candidates
     "[rep, 2H]"               1 0 0 0 0 0 0
     "[rep, 2H] + [lat, 2H]"   0 0 1 1 0 0 0
     "[rep, 2H] + [rep, 2H]"   0 0 1 0 0 0 0
```

```
"[lat, 1H] + RED"
5 candidates
     "[lat, 1H]"                 1 0 0 0 0 0 1
     "[lat, 1H] + [mid, 1H]"     0 0 1 1 0 0 1
     "[lat, 1H] + [lat, 1H]"     0 0 1 0 0 0 1
     "[lat, 2H] + [lat, 2H]"     0 0 1 0 0 1 0
     "[lat, 2H]"                 0 1 0 0 0 1 0


"[mid, 2H] + RED"
3 candidates
     "[mid, 2H]"                 1 0 0 0 0 0 0
     "[mid, 2H] + [lat, 2H]"     0 0 1 1 0 0 0
     "[mid, 2H] + [mid, 2H]"     0 0 1 0 1 0 0
```

Appendix C2. Input-output distribution

```
"ooTextFile"
"PairDistribution"
17
"[bod, 1H] + RED" "[bod, 1H]" 20.1
"[bod, 1H] + RED" "[bod, 1H] + [bod, 1H]" 27.75
"[bod, 1H] + RED" "[bod, 1H] + [lat, 1H]" 1.6
"[bod, 1H] + RED" "[bod, 2H]" 1.1
"[bod, 2H] + RED" "[bod, 2H]" 20.1
"[bod, 2H] + RED" "[bod, 2H] + [bod, 2H]" 27.75
"[bod, 2H] + RED" "[bod, 2H] + [lat, 2H]" 1.6
"[rep, 2H] + RED" "[rep, 2H]" 57.5
"[rep, 2H] + RED" "[rep, 2H] + [rep, 2H]" 37.5
"[rep, 2H] + RED" "[rep, 2H] + [lat, 2H]" 5
"[lat, 1H] + RED" "[lat, 1H]"    15.6
"[lat, 1H] + RED" "[lat, 1H] + [lat, 1H]"    67.9
"[lat, 1H] + RED" "[lat, 2H]"    1.8
"[lat, 1H] + RED" "[lat, 2H] + [lat, 2H]"    12.9
"[mid, 2H] + RED" "[mid, 2H]" 43.2
"[mid, 2H] + RED" "[mid, 2H] + [mid, 2H]" 29.7
"[mid, 2H] + RED" "[mid, 2H] + [lat, 2H]" 21.6
```