

Appendices

Appendix 1: *Etymological origin of the words in the DW*

Languages	No. of words	Percent
Arabic	5384	52.91%
Persian	3999	39.30%
French	503	4.94%
Turkish	105	1.03%
Arabic-Persian (mixed)	70	0.69%
English	27	0.27%
Greek	23	0.23%
Russian	19	0.19%
Persian-Arabic (mixed)	18	0.18%
Sanskrit	7	0.07%
Hindi	5	0.05%
Turkish-Persian (mixed)	4	0.04%
Persian-Turkish (mixed)	2	0.02%
French-Persian (mixed)	2	0.02%
Aramo-Syriac	3	0.03%
Sanskrit-Persian (mixed)	1	0.01%
Chinese	1	0.01%
Italian	1	0.01%
Latin	1	0.01%
Total	10175	100.00%

Appendix 2: Word patterns in the DW, sorted by frequency in descending order

Word Patterns	Freq.	Percent	Word Patterns	Freq.	Percent
CVC-CVC	1799	17.68%	CVC-CVC-CVC-CVC	4	0.04%
CV-CVC	1726	16.97%	CVC-CV-CV-CVCC	4	0.04%
CV-CV-CVC	887	8.72%	CVC-CV-CV-CV-CV	4	0.04%
CVCC	644	6.31%	CV-CV-CV-CV-CVC	4	0.04%
CV-CVC-CVC	583	5.73%	CVC-CVC-CVC-CV	3	0.03%
CV-CV-CV	553	5.44%	CV-CVCC-CVC	3	0.03%
CVC-CV-CVC	532	5.23%	CV-CVCC-CV	3	0.03%
CVC-CV	528	5.19%	CV-CVC-CV-CVCC	3	0.03%
CVC	503	4.94%	CV-CV-CVC-CV-CVC	3	0.03%
CV-CV	454	4.46%	CV-CV-CVC-CV-CV-CV	3	0.03%
CVC-CV-CV	384	3.77%	CV-CV-CVC-CV-CV	3	0.03%
CVC-CVC-CVC	174	1.71%	CV-CV-CV-CV-CV	3	0.03%
CV-CVC-CV	157	1.54%	CVCC-CVC-CV	2	0.02%
CV-CV-CVC-CVC	137	1.35%	CVC-CVCC-CVC	2	0.02%
CV-CV-CV-CVC	129	1.27%	CVC-CV-CV-CV-CVC	2	0.02%
CV-CVCC	118	1.16%	CV-CVC-CV-CV-CVC	2	0.02%
CV-CV-CV-CV	117	1.15%	CV-CV-CVC-CVCC	2	0.02%
CVC-CVCC	111	1.09%	CV-CV-CVC-CV-CVC-CV	2	0.02%
CVCC-CVC	71	0.70%	CV-CV-CV-CVC-CV	2	0.02%
CVC-CVC-CV	62	0.61%	CVCC-CV-CVCC	1	0.01%
CV-CVC-CV-CVC	45	0.44%	CVCC-CV-CVC-CV	1	0.01%
CV-CVC-CV-CV	42	0.41%	CVCC-CV-CV-CV-CV	1	0.01%
CV-CV-CVC-CV	34	0.33%	CVC-CVCC-CV-CV	1	0.01%
CVC-CV-CV-CV	33	0.32%	CVC-CVC-CVC-CV-CV	1	0.01%
CV-CV-CVCC	32	0.31%	CVC-CVC-CV-CVCC	1	0.01%
CVC-CV-CVCC	29	0.29%	CVC-CVC-CV-CV-CV-CV	1	0.01%
CVC-CV-CV-CVC	26	0.26%	CVC-CV-CVC-CVC-CV	1	0.01%
CVCC-CV-CV	23	0.23%	CVC-CV-CVC-CV-CV-CVC	1	0.01%
CV-CVC-CVCC	23	0.23%	CVC-CV-CVC-CV-CV	1	0.01%
CV	23	0.23%	CV-CVCC-CV-CV	1	0.01%
CVC-CV-CVC-CVC	15	0.15%	CV-CVC-CVC-CV-CVC	1	0.01%
CVC-CVC-CV-CV	13	0.13%	CV-CVC-CV-CVC-CV-CVC	1	0.01%
CVC-CVC-CV-CVC	11	0.11%	CV-CVC-CV-CVC-CV	1	0.01%
CV-CVC-CVC-CVC	11	0.11%	CV-CVC-CV-CV-CVCC	1	0.01%
CVCC-CV-CVC	10	0.10%	CV-CV-CVC-CVC-CVC	1	0.01%
CVCC-CV	9	0.09%	CV-CV-CVC-CVC-CV	1	0.01%
CV-CVC-CV-CV-CV	9	0.09%	CV-CV-CVC-CV-CV-CVC	1	0.01%
CVCC-CVCC	8	0.08%	CV-CV-CV-CVC-CVCC	1	0.01%
CVC-CVC-CVCC	8	0.08%	CV-CV-CV-CVC-CVC	1	0.01%
CVCC-CVC-CVC	7	0.07%	CV-CV-CV-CVC-CV-CVC	1	0.01%
CVCC-CV-CV-CV	6	0.06%	CV-CV-CV-CVC-CV-CV-CVC	1	0.01%
CVC-CV-CVC-CV	6	0.06%	CV-CV-CV-CV-CV-CV	1	0.01%
CV-CVC-CVC-CV	6	0.06%	Total	10175	100.00%

Appendix 3: Etymological origin of the word patterns in the DW**3.1: One-syllable words**

Etymology	Word pattern	Freq.	Etymology	Word pattern	Freq.
Arabic	CVCC	403	English	CVC	4
Persian	CVC	340	Turkish	CVC	4
Persian	CVCC	188	Sanskrit	CVC	3
Arabic	CVC	125	Hindi	CVC	2
French	CVCC	46	Chinese	CVC	1
Persian	CV	23	Russian	CVC	1
French	CVC	23	Hindi	CVCC	1
English	CVCC	5	Russian	CVCC	1

3.2: Two-syllable words

Etymology	Word pattern	Freq.	Etymology	Word pattern	Freq.
Arabic	CV-CVC	1063	Russian	CV-CVC	4
Arabic	CVC-CVC	1056	English	CV-CVC	4
Persian	CVC-CVC	626	Greek	CV-CVC	3
Persian	CV-CVC	528	Greek	CVC-CV	3
Arabic	CVC-CV	267	English	CV-CVCC	3
Persian	CV-CV	262	Arabic-Persian	CVCC-CVC	3
Persian	CVC-CV	220	Turkish	CVCC-CV	2
Arabic	CV-CV	162	Sanskrit	CVC-CVC	2
Persian	CVC-CVCC	90	Russian	CVC-CV	2
French	CV-CVC	87	Russian	CVC-CVC	2
Persian	CV-CVCC	85	Arabic	CVC-CVCC	2
Persian	CVCC-CVC	68	Persian-Arabic	CVC-CVC	2
French	CVC-CVC	64	Aramo-Syriac	CVC-CV	1
Turkish	CV-CVC	35	Sanskrit	CVC-CVCC	1
Turkish	CVC-CVC	26	Aramo-Syriac	CVC-CV	1
French	CV-CV	24	Hindi	CVC-CV	1
French	CV-CVCC	19	Greek	CV-CVCC	1
French	CVC-CV	16	Greek	CVC-CVCC	1
Turkish	CVC-CV	15	English	CVC-CV	1
French	CVC-CVCC	15	Sanskrit-Persian	CVC-CVC	1
Arabic	CV-CVCC	10	Turkish-Persian	CVC-CVC	1
Persian	CVCC-CV	7	Persian-Turkish	CV-CVC	1
Persian	CVCC-CVCC	7	Persian-Arabic	CV-CVC	1
Greek	CVC-CVC	7	Persian-Arabic	CVC-CVCC	1
Arabic-Persian	CVC-CVC	7	Arabic-Persian	CVC-CV	1
Turkish	CV-CV	6	Arabic-Persian	CVC-CVCC	1
English	CVC-CVC	5	Arabic-Persian	CVCC-CVCC	1

3.3: Three-syllable words

Etymology	Word pattern	Freq.	Etymology	Word pattern	Freq.
Arabic	CV-CV-CVC	570	Turkish	CV-CV-CV	2
Arabic	CV-CVC-CVC	341	Turkish	CVC-CVC-CV	2
Arabic	CV-CV-CV	333	Persian	CVC-CVCC-CVC	2
Arabic	CVC-CV-CVC	303	Greek	CV-CV-CV	2
Persian	CV-CV-CVC	256	Greek	CVC-CV-CV	2
Persian	CV-CVC-CVC	205	English	CVC-CVC-CVC	2
Arabic	CVC-CV-CV	189	Persian-Arabic	CVC-CVC-CV	2
Persian	CV-CV-CV	188	Arabic-Persian	CV-CV-CVC	2
Persian	CVC-CV-CVC	183	Arabic-Persian	CVC-CVC-CVC	2
Persian	CVC-CV-CV	171	Aramo-Syriac	CV-CV-CV	1
Arabic	CVC-CVC-CVC	84	Turkish	CVC-CVC-CVC	1
Persian	CV-CVC-CV	83	Turkish	CV-CVC-CV	1
Persian	CVC-CVC-CVC	78	Turkish	CVC-CV-CV	1
Arabic	CV-CVC-CV	62	Sanskrit	CV-CV-CVC	1
French	CV-CV-CVC	45	Russian	CV-CV-CVC	1
Persian	CVC-CVC-CV	31	Russian	CVC-CV-CVC	1
French	CVC-CV-CVC	30	Russian	CV-CV-CV	1
French	CV-CV-CV	25	Russian	CVC-CV-CV	1
Persian	CVC-CV-CVCC	24	Persian	CVCC-CV-CVCC	1
Arabic	CVC-CVC-CV	23	Persian	CVCC-CVC-CV	1
Persian	CV-CV-CVCC	20	Italian	CVC-CV-CV	1
Persian	CVCC-CV-CV	20	Hindi	CVC-CV-CV	1
Arabic-Persian	CV-CVC-CVC	19	Greek	CV-CV-CVC	1
Persian	CV-CVC-CVCC	18	Greek	CVC-CV-CVC	1
French	CV-CVC-CVC	17	Greek	CVC-CVC-CVC	1
French	CVC-CV-CV	12	French	CV-CVC-CVCC	1
Persian	CVCC-CV-CVC	8	French	CVC-CVC-CVCC	1
Turkish	CV-CV-CVC	7	French	CVCC-CV-CVC	1
French	CV-CV-CVCC	7	French	CVCC-CVC-CVC	1
Persian	CVC-CVC-CVCC	6	English	CVC-CV-CVC	1
Arabic-Persian	CVC-CV-CVC	6	English	CV-CV-CV	1
Russian	CV-CVC-CV	5	Arabic	CV-CVC-CVCC	1
Persian	CVCC-CVC-CVC	5	Arabic	CVC-CV-CVCC	1
French	CVC-CVC-CVC	5	Arabic	CVC-CVC-CVCC	1
Arabic	CV-CV-CVCC	5	Turkish-Persian	CV-CV-CVC	1
French	CVC-CV-CVCC	4	Turkish-Persian	CVC-CV-CV	1
French	CV-CVC-CV	4	French-Persian	CVC-CV-CVC	1
Persian-Arabic	CVC-CV-CVC	4	French-Persian	CVCC-CVC-CVC	1
Arabic-Persian	CVC-CV-CV	4	Persian-Turkish	CV-CVC-CV	1
Persian	CV-CVCC-CVC	3	Persian-Arabic	CV-CVC-CVC	1
Persian	CV-CVCC-CV	3	Persian-Arabic	CVC-CVC-CVC	1
French	CVC-CVC-CV	3	Persian-Arabic	CVC-CV-CV	1
Persian-Arabic	CV-CV-CVC	3	Arabic-Persian	CVCC-CV-CVC	1
Arabic-Persian	CV-CVC-CVCC	3	Arabic-Persian	CV-CVC-CV	1
Arabic-Persian	CVCC-CV-CV	3	Arabic-Persian	CVC-CVC-CV	1
Turkish	CVC-CV-CVC	2	Arabic-Persian	CVCC-CVC-CV	1

3.4: Four-syllable words

Etymology	Word pattern	Freq.	Etymology	Word pattern	Freq.
Arabic	CV-CV-CVC-CVC	108	Arabic-Persian	CV-CVC-CV-CV	4
Arabic	CV-CV-CV-CV	84	Persian	CV-CVC-CV-CVCC	3
Arabic	CV-CV-CV-CVC	77	Persian	CVC-CV-CV-CVCC	3
Persian	CV-CV-CV-CVC	38	Persian	CVC-CVC-CV-CVC	3
Persian	CV-CVC-CV-CVC	26	Persian	CVC-CVC-CVC-CV	3
Persian	CV-CV-CV-CV	26	French	CV-CVC-CV-CVC	3
Persian	CV-CV-CVC-CVC	25	French	CV-CVC-CV-CV	3
Persian	CV-CVC-CV-CV	20	Persian	CVC-CV-CVC-CV	2
Arabic	CV-CV-CVC-CV	18	Arabic-Persian	CVC-CVC-CV-CV	2
Persian	CVC-CV-CV-CV	15	Turkish	CV-CVC-CV-CVC	1
Persian	CV-CV-CVC-CV	14	Persian	CVC-CVC-CV-CVCC	1
French	CV-CV-CV-CVC	14	Persian	CV-CVCC-CV-CV	1
Arabic	CV-CVC-CV-CV	14	Persian	CVC-CVCC-CV-CV	1
Arabic	CVC-CV-CV-CV	13	Persian	CVCC-CV-CVC-CV	1
Persian	CVC-CV-CV-CVC	11	Latin	CVC-CV-CV-CVC	1
Arabic	CV-CVC-CV-CVC	10	Greek	CV-CV-CVC-CV	1
Persian	CVC-CVC-CV-CV	9	French	CVC-CV-CV-CVCC	1
Arabic	CVC-CV-CV-CVC	9	French	CV-CVC-CVC-CVC	1
Persian	CVC-CV-CVC-CVC	8	French	CVC-CV-CVC-CVC	1
French	CV-CV-CV-CV	7	French	CVC-CVC-CV-CVC	1
Persian	CVCC-CV-CV-CV	6	French	CV-CV-CVC-CV	1
Arabic	CVC-CV-CVC-CVC	6	French	CV-CVC-CVC-CV	1
Arabic	CVC-CVC-CV-CVC	6	French	CVC-CVC-CV-CV	1
Persian	CV-CVC-CVC-CVC	5	English	CVC-CV-CV-CVC	1
French	CVC-CV-CV-CV	5	Arabic	CV-CV-CVC-CVCC	1
Persian	CVC-CVC-CVC-CVC	4	Arabic	CV-CVC-CVC-CV	1
Persian	CV-CVC-CVC-CV	4	Arabic	CVC-CVC-CV-CV	1
French	CV-CV-CVC-CVC	4	Turkish-Persian	CV-CVC-CV-CV	1
French	CVC-CV-CV-CVC	4	Persian-Arabic	CV-CVC-CV-CVC	1
Arabic	CV-CVC-CVC-CVC	4	Arabic-Persian	CV-CV-CVC-CVCC	1
Arabic	CVC-CV-CVC-CV	4	Arabic-Persian	CV-CVC-CVC-CVC	1
Arabic-Persian	CV-CVC-CV-CVC	4	Arabic-Persian	CVC-CVC-CV-CVC	1

3.5: Five-syllable words

Etymology	Word pattern	Freq.	Etymology	Word pattern	Freq.
Persian	CV-CVC-CV-CV-CV	5	French	CV-CVC-CV-CV-CVC	1
Arabic	CV-CV-CVC-CV-CVC	3	French	CVC-CV-CV-CV-CVC	1
Arabic	CV-CVC-CV-CV-CV	3	French	CV-CVC-CV-CV-CV	1
Persian	CV-CV-CV-CV-CV	2	French	CVC-CV-CV-CV-CV	1
Persian	CVC-CV-CV-CV-CV	2	Arabic	CV-CV-CV-CVC-CVCC	1
French	CV-CV-CV-CV-CVC	2	Arabic	CV-CV-CV-CVC-CVC	1
Arabic	CV-CV-CVC-CV-CV	2	Arabic	CV-CV-CVC-CVC-CVC	1
Persian	CV-CVC-CV-CV-CVCC	1	Arabic	CV-CVC-CVC-CV-CVC	1
Persian	CV-CV-CV-CV-CVC	1	Arabic	CV-CV-CV-CVC-CV	1
Persian	CV-CVC-CV-CV-CVC	1	Arabic	CV-CV-CVC-CVC-CV	1
Persian	CVC-CV-CV-CV-CVC	1	Arabic	CV-CVC-CV-CVC-CV	1
Persian	CV-CV-CV-CVC-CV	1	Arabic	CVC-CV-CV-CV-CV	1
Persian	CV-CV-CVC-CV-CV	1	Arabic	CVC-CVC-CVC-CV-CV	1
Persian	CVC-CV-CVC-CV-CV	1	Persian-Arabic	CV-CV-CV-CV-CVC	1
Persian	CVC-CV-CVC-CVC-CV	1	Arabic-Persian	CV-CV-CV-CV-CV	1
Persian	CVCC-CV-CV-CV-CV	1			

3.6: Six-syllable words

Etymology	Word pattern	Freq.
Arabic	CV-CV-CVC-CV-CV-CV	2
Arabic	CV-CV-CVC-CV-CVC-CV	2
Persian	CV-CV-CV-CV-CV-CV	1
Persian	CV-CV-CVC-CV-CV-CV	1
Arabic	CV-CV-CV-CVC-CV-CVC	1
Arabic	CV-CV-CVC-CV-CV-CVC	1
Arabic	CV-CVC-CV-CVC-CV-CVC	1
Arabic	CVC-CV-CVC-CV-CV-CVC	1
Arabic	CVC-CVC-CV-CV-CV-CV	1

3.7: Seven-syllable word

Etymology	Word pattern	Freq.
Arabic	CV-CV-CV-CVC-CV-CV-CVC	1

Appendix 4: Shares of Persian and other contributing languages in all the syllables in the DW, as well as of the syllables in the DBS (with regard to multi contributor syllables; names of all contributing languages are mentioned).

Etymology	All syllables of the DW		Basic syllables	
	token	Percent	Freq.	Percent
Persian, Arabic	4607	19.09%	417	15.44%
Persian, Arabic, French	4310	17.86%	108	4.00%
Arabic	3577	14.82%	1091	40.39%
Persian	1791	7.42%	579	21.44%
Persian, Arabic, Turkish	1159	4.80%	31	1.15%
Persian, Arabic, French, Turkish	1075	4.45%	20	0.74%
Persian, Arabic, French, English	514	2.13%	11	0.41%
Persian, Arabic, French, Russian	501	2.08%	9	0.33%
Arabic, French	445	1.84%	52	1.93%
Persian, Arabic, French, Turkish, English	389	1.61%	1	0.04%
Persian, Arabic, French, Turkish, Greek	355	1.47%	4	0.15%
Persian, Arabic, French, Greek, English	354	1.47%	3	0.11%
Persian, Arabic, Greek	330	1.37%	5	0.19%
Persian, Arabic, Turkish, Russian	307	1.27%	3	0.11%
Persian, French	267	1.11%	34	1.26%
Persian, Arabic, Turkish, Greek	239	0.99%	4	0.15%
Persian, Arabic, French, French, Russian	238	0.99%	3	0.11%
Persian, Arabic, French, Turkish, English, Latin	233	0.97%	1	0.04%
Persian, Arabic, French, Greek	233	0.97%	6	0.22%
French	232	0.96%	162	6.00%
Persian, Arabic, French, Greek, Russian	231	0.96%	2	0.07%
Persian, Arabic, French, Hindi	208	0.86%	1	0.04%
Persian, Arabic, French, Greek, English, Russian	188	0.78%	1	0.04%
Persian, Arabic, French, Italian	172	0.71%	1	0.04%
Persian, Arabic, French, Turkish, Sanskrit	169	0.70%	2	0.07%
Persian, Turkish	148	0.61%	19	0.70%

Persian, Arabic, Greek, Russian	147	0.61%	1	0.04%
Persian, Arabic, English,	138	0.57%	9	0.33%
Persian, Arabic, French, Turkish, Greek, Hindi,	127	0.53%	1	0.04%
Persian, Arabic, French, Aramo-Syriac	121	0.50%	1	0.04%
Persian, Arabic, Russian	119	0.49%	5	0.19%
Persian, Arabic, Sanskrit	113	0.47%	2	0.07%
Persian, Arabic, French, Greek, Russian, Latin	110	0.46%	1	0.04%
Arabic, Turkish	92	0.38%	15	0.56%
Persian, Arabic, French, Greek, Aramo-Syriac	84	0.35%	1	0.04%
Persian, French, Turkish, Aramo-Syriac	78	0.32%	1	0.04%
Persian, Arabic, French, Turkish, Greek,	69	0.29%	1	0.04%
Persian, Arabic, French, Turkish, Russian	62	0.26%	2	0.07%
Persian, Arabic, Turkish, English	53	0.22%	1	0.04%
Persian, French, English, Russian	51	0.21%	1	0.04%
Persian, French, Turkish	47	0.19%	2	0.07%
Persian, Aramo-Syriac	47	0.19%	3	0.11%
Persian, Turkish, Russian	44	0.18%	1	0.04%
Arabic, Turkish, Greek	34	0.14%	1	0.04%
Turkish	28	0.12%	25	0.93%
Arabic, English	28	0.12%	4	0.15%
Persian, French, Turkish, English	27	0.11%	1	0.04%
Persian, French, Latin	27	0.11%	1	0.04%
Persian, Arabic, Latin	27	0.11%	1	0.04%
Arabic, Greek	26	0.11%	9	0.33%
Persian, English	23	0.10%	3	0.11%
Persian, Arabic, French, Sanskrit	18	0.07%	1	0.04%
Persian, Arabic, Aramo-Syriac	17	0.07%	3	0.11%
Persian, Arabic, Hindi	12	0.05%	1	0.04%
Arabic, Sanskrit	12	0.05%	2	0.07%
Arabic, Hindi	12	0.05%	1	0.04%
English	11	0.05%	11	0.41%
Persian, French, Russian	9	0.04%	1	0.04%
Arabic, French, English	9	0.04%	1	0.04%
Persian, English, Hindi	6	0.02%	1	0.04%
Persian, Greek	5	0.02%	2	0.07%
Arabic, Greek, Russian	5	0.02%	1	0.04%
French, Turkish, Russian	4	0.02%	1	0.04%
Persian, French, English	3	0.01%	1	0.04%
Arabic, French, Turkish	3	0.01%	1	0.04%
Turkish, Russian	2	0.01%	1	0.04%
Russian	2	0.01%	2	0.07%
Persian, Hindi	2	0.01%	1	0.04%
French, Turkish	2	0.01%	1	0.04%
French, English	2	0.01%	1	0.04%
Arabic, Russian	2	0.01%	1	0.04%
Hindi	1	0.00%	1	0.04%
Greek	1	0.00%	1	0.04%
Chinese	1	0.00%	1	0.04%
Total	24135	100.00%	2701	100.00%

Appendix 5: *The Data of Basic Syllables (DBS)*⁵⁴

BS	Éty.	P1	P2	P3	P4	P5	P6	P7												
tä	PAF	319	266	4	1	0	0	0	0	590	kä	PA	79	22	4	0	0	0	0	105
mo	PAF	580	2	2	0	0	0	0	0	584	Ga	PAT	35	57	12	1	0	0	0	105
ʔa	PAFTE	277	98	13	0	0	1	0	0	389	dä	PAFTG	63	34	6	0	0	0	0	103
te	PAFGE	27	193	55	13	0	0	0	0	288	hä	PAS	81	20	0	0	0	0	0	101
de	PAF	27	63	116	29	4	0	0	0	239	ha	PAFT	42	45	13	0	1	0	0	101
mä	PAT	207	23	4	0	1	0	0	0	235	Gä	PAT	76	22	2	0	0	0	0	100
ra	PAFTEL	24	164	38	6	1	0	0	0	233	ka	PAFR	53	38	7	0	0	0	0	98
dän	PAT	4	21	167	38	1	0	0	0	231	zä	PA	65	28	3	2	0	0	0	98
na	PAF	100	100	23	4	2	0	0	0	229	ja	PA	43	46	5	3	0	0	0	97
ne	PAF	44	57	102	24	1	1	0	0	229	ša	PAF	35	52	8	0	0	0	0	95
va	PAFE	53	128	27	2	1	0	0	0	211	še	PAFR	36	34	22	3	0	0	0	95
re	PAFH	21	68	97	19	2	1	0	0	208	ça	PATR	55	27	7	2	0	0	0	91
ʔä	PAG	174	16	5	1	0	0	0	0	196	bä	PAT	58	25	4	1	0	0	0	88
ma	PAFGER	64	86	32	6	0	0	0	0	188	fä	PAFT	61	24	0	1	0	0	0	86
le	PAFI	11	76	68	15	2	0	0	0	172	go	P	58	22	6	0	0	0	0	86
la	PAFTS	30	109	16	3	0	0	0	0	158	jä	PA	71	13	1	1	0	0	0	86
sa	PAFGR	64	82	12	0	0	0	0	0	158	zi	PAFER	14	48	17	7	0	0	0	86
ba	PAFT	65	77	12	1	0	0	0	0	155	li	PAFGY	11	42	24	7	0	0	0	84
sä	PAGR	110	27	9	1	0	0	0	0	147	si	PAFG	23	34	15	5	2	2	0	81
nä	PATR	94	34	9	0	0	0	0	0	137	Ge	PATR	10	24	37	7	1	0	0	79
me	PAFT	14	59	50	8	1	1	0	0	133	pa	PFTY	59	14	5	0	0	0	0	78
se	PAF	54	36	37	6	0	0	0	0	133	vä	PA	59	14	3	0	0	0	0	76
ri	PAFER	12	69	33	13	3	0	0	0	130	yät	A	0	4	45	27	0	0	0	76
ye	PAF	3	33	74	17	1	1	0	0	129	fe	PAFG	13	32	25	4	0	0	0	74
da	PAFTGHY	46	64	17	0	0	0	0	0	127	to	PAFT	41	29	3	1	0	0	0	74
za	PAFR	37	65	19	2	2	0	0	0	125	fa	PAFGR	23	36	12	1	1	0	0	73
ʔe	AF	56	31	29	5	1	0	0	0	122	he	PAF	17	26	24	6	0	0	0	73
be	PAFY	22	45	47	6	0	1	0	0	121	lä	PAT	35	34	4	0	0	0	0	73
ya	PAFTG	13	74	26	4	1	0	0	0	118	dar	PAFE	4	37	26	5	0	0	0	72
ni	PAFR	11	35	54	10	1	0	0	0	111	di	PAF	16	34	14	7	1	0	0	72
ʔes	PAFGRL	107	1	2	0	0	0	0	0	110	mos	A	71	0	0	0	0	0	0	71
ta	PAFTG	44	57	6	1	0	0	0	0	108	ro	PAF	36	31	4	0	0	0	0	71
tän	PAF	25	35	43	4	0	0	0	0	107	ke	PAFTGRHI	24	27	17	1	0	0	0	69
rä	PATG	57	46	3	0	0	0	0	0	106	çä	PA	59	6	3	0	0	0	0	68
ze	PAF	13	35	47	11	0	0	0	0	106	ʔab	PATG	59	6	1	1	0	0	0	67
											šä	PA	57	7	1	1	0	0	0	66

⁵⁴ Etymological codes: A = Arabic, P = Persian, F = French, E = English, T = Turkish, R = Russian, S = Sanskrit, G = Greek, L = Latin, I = Italian, H = Hindi, C = Chinese, Y = Aramo-Syriac. P1, P2 etc. indicate the positions in the structure of the word.

gär	P	13	22	23	8	0	0	0	66
sär	PAG	51	9	6	0	0	0	0	66
ti	PAFT	8	45	10	3	0	0	0	66
ʔän	PAF	46	16	3	0	0	0	0	65
vär	PAR	6	25	33	1	0	0	0	65
mät	PA	13	16	28	7	0	0	0	64
mi	PAF	19	29	14	2	0	0	0	64
man	PAFT	4	42	12	2	2	0	0	62
pä	P	39	11	10	1	0	0	0	61
rät	A	0	26	26	8	0	0	0	60
ʔo	PAFT	54	3	1	0	1	0	0	59
ʔen	PA	55	1	2	0	0	0	0	58
ru	PAFT	17	38	3	0	0	0	0	58
bi	PAF	22	25	10	0	0	0	0	57
kar	PAF	26	16	14	1	0	0	0	57
ko	PAFT	45	7	5	0	0	0	0	57
mon	AF	55	0	2	0	0	0	0	57
tär	PATG	28	20	8	0	0	0	0	56
ši	PAE	13	31	9	1	0	0	0	54
bär	PA	20	27	7	0	0	0	0	54
ban	PAFTR	2	30	20	2	0	0	0	54
gah	P	1	26	21	6	0	0	0	54
män	PATE	34	12	7	0	0	0	0	53
tan	PAFE	1	24	21	7	0	0	0	53
vi	PAF	11	20	19	2	1	0	0	53
pi	PFER	39	10	0	2	0	0	0	51
mär	PA	33	13	3	1	0	0	0	50
ran	PAFT	4	31	15	0	0	0	0	50
ku	PAFE	33	15	1	0	0	0	0	49
pär	P	38	10	1	0	0	0	0	49
so	PAFT	47	2	0	0	0	0	0	49
där	PA	28	13	7	0	0	0	0	48
dan	PAF	1	24	21	2	0	0	0	48
fär	PA	31	13	4	0	0	0	0	48
ʔäf	PAG	34	8	5	0	0	0	0	47
ʔät	A	10	17	13	6	0	0	0	46
ve	PA	8	23	15	0	0	0	0	46
lät	PA	2	19	22	2	0	0	0	45
mäʔ	A	40	4	1	0	0	0	0	45
täʔ	A	35	9	1	0	0	0	0	45
zär	PA	28	13	4	0	0	0	0	45
če	PTR	11	21	12	0	0	0	0	44
del	PAFGE	30	6	5	3	0	0	0	44
täs	PA	13	31	0	0	0	0	0	44
bät	PA	0	16	21	5	0	0	0	42
je	PAFT	15	19	7	1	0	0	0	42
fo	PAF	37	1	3	0	0	0	0	41
no	PAF	35	4	2	0	0	0	0	41
zar	PA	2	22	11	6	0	0	0	41
do	PAFE	27	10	3	0	0	0	0	40
ʁo	PA	33	6	1	0	0	0	0	40
šo	PAF	34	4	1	0	0	0	0	39
mu	PAFG	20	15	2	1	0	0	0	38
ʔäl	PA	23	10	4	0	0	0	0	37
ʔi	PAF	12	11	8	6	0	0	0	37
čä	PY	33	4	0	0	0	0	0	37
ge	PFT	23	10	4	0	0	0	0	37
mäh	PA	36	1	0	0	0	0	0	37
lu	PAF	6	24	6	0	0	0	0	36
mäs	A	33	2	1	0	0	0	0	36
yan	PAF	0	25	8	2	0	0	0	35
yi	PA	0	11	15	8	1	0	0	35
zän	PA	13	20	2	0	0	0	0	35
ʔär	PA	27	5	2	0	0	0	0	34
Gi	ATG	6	20	7	1	0	0	0	34
täh	PA	26	7	1	0	0	0	0	34
baz	PA	19	10	4	0	0	0	0	33
bo	PAF	26	6	1	0	0	0	0	33
fi	PAF	5	16	10	2	0	0	0	33
ʔel	A	20	7	5	0	0	0	0	32
van	PAR	1	25	6	0	0	0	0	32
var	PAF	1	22	7	2	0	0	0	32
yeš	P	0	4	28	0	0	0	0	32
häm	PA	19	9	3	0	0	0	0	31
hi	PA	2	12	15	1	1	0	0	31
ʁor	PA	13	12	6	0	0	0	0	31
gä	PT	16	12	2	0	0	0	0	30
ki	PAF	8	14	6	1	1	0	0	30
lo	PAF	12	15	3	0	0	0	0	30
sar	PA	2	18	9	1	0	0	0	30
su	PAFR	18	11	1	0	0	0	0	30
ʔäs	PA	19	6	4	0	0	0	0	29
bu	PAF	13	13	3	0	0	0	0	29
däst	P	27	0	2	0	0	0	0	29
mor	PAF	20	8	1	0	0	0	0	29
bar	PA	9	12	7	0	0	0	0	28
dad	PA	10	12	6	0	0	0	0	28
hät	A	4	5	18	1	0	0	0	28

māG	A	26	2	0	0	0	0	0	0	28
Gāt	A	4	11	11	2	0	0	0	0	28
reš	PAT	3	13	12	0	0	0	0	0	28
tor	PAFG	8	6	11	3	0	0	0	0	28
ʔeh	A	26	0	1	0	0	0	0	0	27
ʔem	PAL	19	4	2	1	1	0	0	0	27
ʔer	A	17	4	4	1	0	1	0	0	27
gi	PF	10	11	2	3	1	0	0	0	27
ho	PAF	26	1	0	0	0	0	0	0	27
mānd	PA	0	10	16	1	0	0	0	0	27
pe	PFL	13	12	2	0	0	0	0	0	27
pey	P	23	3	1	0	0	0	0	0	27
pu	PFTE	23	3	1	0	0	0	0	0	27
tās	PA	25	2	0	0	0	0	0	0	27
vāt	A	0	10	17	0	0	0	0	0	27
ʔām	A	17	9	0	0	0	0	0	0	26
ʔeʔ	A	26	0	0	0	0	0	0	0	26
hān	PAE	6	18	2	0	0	0	0	0	26
sān	PAFTG	13	11	2	0	0	0	0	0	26
šan	PA	1	13	10	1	0	0	0	0	25
dāt	A	0	7	13	5	0	0	0	0	25
fāt	PA	3	9	11	2	0	0	0	0	25
mād	PA	12	4	9	0	0	0	0	0	25
mar	PAF	6	16	3	0	0	0	0	0	25
nāt	A	0	9	13	3	0	0	0	0	25
Go	PAT	22	3	0	0	0	0	0	0	25
han	PA	1	18	5	0	0	0	0	0	24
ju	PAF	10	8	6	0	0	0	0	0	24
kān	PAF	4	12	8	0	0	0	0	0	24
māl	A	11	10	2	1	0	0	0	0	24
rān	PAF	10	12	2	0	0	0	0	0	24
tāG	A	20	4	0	0	0	0	0	0	24
ča	PT	21	2	0	0	0	0	0	0	23
ga	PF	8	12	2	1	0	0	0	0	23
jī	PAT	2	15	6	0	0	0	0	0	23
rāk	PA	1	14	8	0	0	0	0	0	23
sāt	A	1	6	13	3	0	0	0	0	23
sal	PA	6	11	5	0	1	0	0	0	23
ʔeb	A	18	1	3	0	0	0	0	0	22
Gāl	PA	10	9	3	0	0	0	0	0	22
rām	PAF	2	11	7	2	0	0	0	0	22
ram	PAF	1	18	3	0	0	0	0	0	22
res	PAF	1	13	8	0	0	0	0	0	22
sāl	PA	3	15	3	1	0	0	0	0	22
tāk	PA	12	9	1	0	0	0	0	0	22
ter	PAFE	3	10	5	2	2	0	0	0	22
tu	PAFFR	12	8	2	0	0	0	0	0	22
xe	PAT	9	9	4	0	0	0	0	0	22
yar	PAF	1	17	4	0	0	0	0	0	22
zo	PAFGE	16	6	0	0	0	0	0	0	22
ʔeš	PA	20	0	1	0	0	0	0	0	21
beh	PA	14	1	3	3	0	0	0	0	21
dām	PA	7	11	3	0	0	0	0	0	21
min	PAF	2	15	4	0	0	0	0	0	21
moʔ	A	20	0	1	0	0	0	0	0	21
rās	PA	4	16	1	0	0	0	0	0	21
tab	PAF	4	15	2	0	0	0	0	0	21
ʔāh	PA	16	2	2	0	0	0	0	0	20
hār	PA	5	12	3	0	0	0	0	0	20
kār	PA	8	11	1	0	0	0	0	0	20
lāk	PA	2	11	6	1	0	0	0	0	20
moh	PA	18	1	1	0	0	0	0	0	20
neš	P	1	14	4	1	0	0	0	0	20
yā	PAT	13	6	1	0	0	0	0	0	20
zeš	PA	0	13	7	0	0	0	0	0	20
šu	PAF	6	10	3	0	0	0	0	0	19
ʔāG	PA	18	1	0	0	0	0	0	0	19
ʔeG	A	16	2	1	0	0	0	0	0	19
ʔet	A	14	1	4	0	0	0	0	0	19
bad	PA	15	2	1	1	0	0	0	0	19
du	PAFT	8	11	0	0	0	0	0	0	19
gar	PF	1	11	3	3	1	0	0	0	19
gu	PF	10	6	3	0	0	0	0	0	19
jo	PA	13	6	0	0	0	0	0	0	19
māz	A	19	0	0	0	0	0	0	0	19
mal	PAF	0	17	2	0	0	0	0	0	19
Gār	PAT	8	7	4	0	0	0	0	0	19
tar	PAF	1	13	5	0	0	0	0	0	19
χār	PA	12	5	1	1	0	0	0	0	19
χoš	P	15	4	0	0	0	0	0	0	19
har	PA	1	14	2	1	0	0	0	0	18
jan	PAF	9	4	4	1	0	0	0	0	18
kon	PAFS	14	2	2	0	0	0	0	0	18
liy	A	0	9	8	0	1	0	0	0	18
māš	A	18	0	0	0	0	0	0	0	18
piš	P	16	0	2	0	0	0	0	0	18
raz	PA	2	10	6	0	0	0	0	0	18
ruz	PA	4	11	0	3	0	0	0	0	18

ser	PAF	5	6	5	2	0	0	0	18
sor	PAF	7	4	5	2	0	0	0	18
täb	PA	12	4	2	0	0	0	0	18
täl	PAT	10	7	1	0	0	0	0	18
yat	A	0	5	8	5	0	0	0	18
zan	PAF	0	13	5	0	0	0	0	18
šäb	PA	10	6	1	0	0	0	0	17
gir	P	0	12	5	0	0	0	0	17
keš	P	4	10	3	0	0	0	0	17
lal	PA	1	11	5	0	0	0	0	17
lan	PAFT	0	15	2	0	0	0	0	17
rat	PAF	0	7	9	1	0	0	0	17
san	PAFE	3	12	2	0	0	0	0	17
ʔef	A	13	0	3	0	0	0	0	16
ʔeχ	A	16	0	0	0	0	0	0	16
bäs	PAE	8	4	4	0	0	0	0	16
dam	PA	5	8	3	0	0	0	0	16
daz	P	0	2	11	3	0	0	0	16
kan	PAF	2	12	2	0	0	0	0	16
mäk	PA	8	6	2	0	0	0	0	16
mol	A	9	3	4	0	0	0	0	16
nu	PA	6	7	3	0	0	0	0	16
raG	PAT	0	11	5	0	0	0	0	16
rar	PAT	0	13	3	0	0	0	0	16
täm	PA	9	7	0	0	0	0	0	16
väs	PA	4	7	5	0	0	0	0	16
χan	PAT	5	6	3	2	0	0	0	16
šän	PA	4	8	3	0	0	0	0	15
bat	PAFT	2	5	7	1	0	0	0	15
gan	PF	0	9	5	1	0	0	0	15
gun	P	0	9	5	1	0	0	0	15
läm	PA	2	12	1	0	0	0	0	15
lat	PAF	1	8	4	2	0	0	0	15
mot	A	14	0	0	1	0	0	0	15
Gal	PAT	2	10	3	0	0	0	0	15
Gol	PAT	8	4	3	0	0	0	0	15
räh	PA	10	5	0	0	0	0	0	15
ras	PAF	3	10	2	0	0	0	0	15
sel	AF	4	5	5	1	0	0	0	15
tüz	A	12	3	0	0	0	0	0	15
χar	PA	6	6	3	0	0	0	0	15
yon	AF	1	5	3	6	0	0	0	15
zad	PA	2	9	4	0	0	0	0	15
zu	PA	3	11	1	0	0	0	0	15
ʔäb	PA	11	1	2	0	0	0	0	14
ʔed	A	3	3	6	2	0	0	0	14
ʔez	A	8	4	2	0	0	0	0	14
bäd	PA	8	6	0	0	0	0	0	14
bal	PAFE	2	9	3	0	0	0	0	14
bin	PA	0	8	5	1	0	0	0	14
gol	P	14	0	0	0	0	0	0	14
heš	PA	2	8	3	1	0	0	0	14
hed	A	1	5	7	1	0	0	0	14
kol	PAF	7	3	3	1	0	0	0	14
moš	AT	14	0	0	0	0	0	0	14
räb	A	2	8	4	0	0	0	0	14
räG	A	3	7	4	0	0	0	0	14
ref	PAF	1	5	5	2	0	0	1	14
säb	PA	7	6	1	0	0	0	0	14
täf	PA	14	0	0	0	0	0	0	14
täχ	PA	10	4	0	0	0	0	0	14
teʔ	A	1	7	3	3	0	0	0	14
yo	PAFE	1	7	5	1	0	0	0	14
zäl	A	1	10	3	0	0	0	0	14
šin	PF	0	4	6	3	0	0	0	13
ʔäʔ	A	13	0	0	0	0	0	0	13
ʔüz	PA	7	5	1	0	0	0	0	13
ʔos	PA	13	0	0	0	0	0	0	13
bänd	P	3	6	3	1	0	0	0	13
či	PT	6	6	1	0	0	0	0	13
häl	A	6	6	1	0	0	0	0	13
häG	A	4	8	1	0	0	0	0	13
her	PA	2	6	2	3	0	0	0	13
jär	PA	5	7	1	0	0	0	0	13
kam	PAFE	4	7	2	0	0	0	0	13
län	PT	5	8	0	0	0	0	0	13
lak	PAF	2	9	2	0	0	0	0	13
laG	PAT	0	12	0	1	0	0	0	13
mäj	A	13	0	0	0	0	0	0	13
mir	PA	6	5	2	0	0	0	0	13
näG	A	8	5	0	0	0	0	0	13
näs	PA	8	2	3	0	0	0	0	13
nak	P	0	9	4	0	0	0	0	13
nar	PAF	4	8	1	0	0	0	0	13
po	PF	13	0	0	0	0	0	0	13
Gäm	PA	9	4	0	0	0	0	0	13
räf	PA	5	5	3	0	0	0	0	13
rin	PAF	0	9	3	1	0	0	0	13

säd	PA	3	9	1	0	0	0	0	13	dor	PAFTS	3	4	4	0	0	0	0	11
sir	PA	1	10	2	0	0	0	0	13	gin	P	0	9	2	0	0	0	0	11
vat	A	0	5	8	0	0	0	0	13	had	PA	1	4	5	1	0	0	0	11
vo	A	13	0	0	0	0	0	0	13	kät	PAF	0	4	6	1	0	0	0	11
χäl	A	4	7	2	0	0	0	0	13	ker	PAE	2	4	2	3	0	0	0	11
yän	PAF	0	9	1	3	0	0	0	13	läl	A	0	9	2	0	0	0	0	11
zin	PAFR	2	7	4	0	0	0	0	13	läng	PE	1	8	1	1	0	0	0	11
ʔaš	PA	10	1	1	0	0	0	0	12	laf	PA	1	8	2	0	0	0	0	11
ʔas	PF	12	0	0	0	0	0	0	12	lem	A	0	4	4	3	0	0	0	11
ʔaz	PA	11	1	0	0	0	0	0	12	meʔ	A	4	2	5	0	0	0	0	11
ber	PA	2	3	6	1	0	0	0	12	moχ	A	10	1	0	0	0	0	0	11
däk	PAT	1	7	4	0	0	0	0	12	nam	PA	7	3	1	0	0	0	0	11
däl	PAG	3	7	1	1	0	0	0	12	nes	PA	5	3	2	1	0	0	0	11
deh	PA	8	2	2	0	0	0	0	12	pay	P	10	0	1	0	0	0	0	11
hel	PAS	3	4	4	1	0	0	0	12	räd	PA	1	6	4	0	0	0	0	11
hu	PAF	1	10	1	0	0	0	0	12	räng	P	2	8	1	0	0	0	0	11
jäl	A	2	5	3	2	0	0	0	12	rah	PA	7	3	1	0	0	0	0	11
las	PAF	2	8	2	0	0	0	0	12	riz	PA	1	10	0	0	0	0	0	11
mäf	A	12	0	0	0	0	0	0	12	saz	P	3	5	3	0	0	0	0	11
mäχ	A	12	0	0	0	0	0	0	12	teh	PA	1	9	1	0	0	0	0	11
mam	PA	1	7	4	0	0	0	0	12	teG	A	0	9	2	0	0	0	0	11
mel	A	2	5	4	1	0	0	0	12	väl	PA	1	6	4	0	0	0	0	11
men	A	8	3	0	1	0	0	0	12	vänd	P	0	7	4	0	0	0	0	11
mes	PAR	9	2	1	0	0	0	0	12	xi	PA	8	3	0	0	0	0	0	11
nas	PAFR	2	3	4	3	0	0	0	12	yed	A	0	4	7	0	0	0	0	11
niy	A	1	4	7	0	0	0	0	12	yel	A	0	4	6	1	0	0	0	11
Gäd	AH	3	8	1	0	0	0	0	12	zäm	A	3	5	3	0	0	0	0	11
raš	PAH	0	9	1	2	0	0	0	12	zel	AE	2	5	3	1	0	0	0	11
rab	PA	0	12	0	0	0	0	0	12	zem	A	3	3	5	0	0	0	0	11
yer	A	0	3	7	2	0	0	0	12	šäk	PA	2	4	4	0	0	0	0	10
zir	PA	2	5	3	2	0	0	0	12	šär	PA	5	3	1	1	0	0	0	10
šäh	PA	10	1	0	0	0	0	0	11	šeš	P	3	6	1	0	0	0	0	10
ʔaš	A	11	0	0	0	0	0	0	11	ʔäj	A	8	1	1	0	0	0	0	10
ʔäd	A	2	6	3	0	0	0	0	11	ʔäχ	PA	7	2	1	0	0	0	0	10
ʔal	PAF	3	4	4	0	0	0	0	11	ʔej	A	10	0	0	0	0	0	0	10
bäh	PA	5	4	2	0	0	0	0	11	bäχ	PAF	8	2	0	0	0	0	0	10
bäl	PA	4	5	2	0	0	0	0	11	bel	A	4	3	1	2	0	0	0	10
bol	AF	4	5	2	0	0	0	0	11	čär	PE	7	2	1	0	0	0	0	10
bor	PA	3	4	4	0	0	0	0	11	čin	PT	0	6	4	0	0	0	0	10
čo	PT	9	2	0	0	0	0	0	11	däs	PA	5	2	3	0	0	0	0	10
däh	PA	1	9	1	0	0	0	0	11	dud	PA	3	6	1	0	0	0	0	10
der	A	0	5	6	0	0	0	0	11	ger	P	7	3	0	0	0	0	0	10
did	PA	1	9	1	0	0	0	0	11	häng	P	1	6	3	0	0	0	0	10
dir	PA	6	4	1	0	0	0	0	11	ham	A	0	6	4	0	0	0	0	10

jed	PA	2	6	1	1	0	0	0	10
les	PAFR	0	8	1	1	0	0	0	10
mäm	A	7	1	2	0	0	0	0	10
mad	PAF	2	7	1	0	0	0	0	10
mat	PAF	1	0	8	1	0	0	0	10
moG	PA	9	0	1	0	0	0	0	10
päh	P	6	4	0	0	0	0	0	10
par	PFT	8	2	0	0	0	0	0	10
por	PF	7	3	0	0	0	0	0	10
Gan	PAE	0	3	6	1	0	0	0	10
Gey	PATG	10	0	0	0	0	0	0	10
Gu	PAT	2	8	0	0	0	0	0	10
raf	AF	0	6	4	0	0	0	0	10
raj	PA	0	9	1	0	0	0	0	10
rez	A	1	3	5	1	0	0	0	10
rif	PA	0	10	0	0	0	0	0	10
täd	A	7	3	0	0	0	0	0	10
tik	F	0	3	4	3	0	0	0	10
tur	PAY	1	8	0	1	0	0	0	10
val	PAF	0	8	2	0	0	0	0	10
viz	PAF	0	5	5	0	0	0	0	10
χän	PA	5	5	0	0	0	0	0	10
yad	PA	1	6	3	0	0	0	0	10
šad	PA	6	3	0	0	0	0	0	9
šah	P	8	0	1	0	0	0	0	9
?äk	PA	8	1	0	0	0	0	0	9
?af	PA	7	1	1	0	0	0	0	9
baš	PAT	2	7	0	0	0	0	0	9
bon	PF	5	4	0	0	0	0	0	9
bur	PA	2	7	0	0	0	0	0	9
bus	PAF	2	6	1	0	0	0	0	9
čäk	PT	3	5	1	0	0	0	0	9
dom	PAF	3	3	3	0	0	0	0	9
dur	PA	6	3	0	0	0	0	0	9
häs	PA	5	3	1	0	0	0	0	9
hey	PA	9	0	0	0	0	0	0	9
jar	PA	1	4	4	0	0	0	0	9
jor	PA	5	3	1	0	0	0	0	9
käl	PA	4	4	1	0	0	0	0	9
ket	PAFE	1	6	1	1	0	0	0	9
läb	PA	3	4	2	0	0	0	0	9
läG	PA	4	4	1	0	0	0	0	9
lam	A	0	7	2	0	0	0	0	9
lil	PA	0	9	0	0	0	0	0	9
lul	PAF	1	8	0	0	0	0	0	9
meš	PA	3	5	1	0	0	0	0	9
mil	PAF	5	4	0	0	0	0	0	9
mob	A	9	0	0	0	0	0	0	9
mod	PAF	7	1	1	0	0	0	0	9
mum	PAG	2	7	0	0	0	0	0	9
mun	PA	0	5	3	1	0	0	0	9
nän	PA	1	6	1	1	0	0	0	9
nan	PA	1	4	3	1	0	0	0	9
nin	PA	0	6	3	0	0	0	0	9
nun	PA	0	9	0	0	0	0	0	9
päs	P	7	1	1	0	0	0	0	9
pas	PFR	6	2	1	0	0	0	0	9
Gat	A	0	3	6	0	0	0	0	9
rad	PAF	3	4	2	0	0	0	0	9
riG	PA	0	9	0	0	0	0	0	9
rud	PA	2	7	0	0	0	0	0	9
säm	AF	3	5	1	0	0	0	0	9
säv	A	0	7	2	0	0	0	0	9
sab	A	0	5	4	0	0	0	0	9
seb	A	1	2	4	2	0	0	0	9
son	PAFT	7	1	1	0	0	0	0	9
sur	PA	1	8	0	0	0	0	0	9
tel	AFE	0	7	2	0	0	0	0	9
tem	AF	2	6	0	1	0	0	0	9
ten	AF	0	8	0	1	0	0	0	9
väh	A	4	3	2	0	0	0	0	9
vän	PA	0	7	2	0	0	0	0	9
värd	P	0	4	4	1	0	0	0	9
že	PF	2	5	2	0	0	0	0	9
χäs	PA	2	3	4	0	0	0	0	9
χah	P	1	4	4	0	0	0	0	9
χod	PA	8	1	0	0	0	0	0	9
zen	PA	6	0	2	1	0	0	0	9
zer	AF	0	3	5	1	0	0	0	9
šäm	PAF	5	2	1	0	0	0	0	8
šam	PAF	5	2	1	0	0	0	0	8
šar	PAF	2	4	2	0	0	0	0	8
šir	PA	5	3	0	0	0	0	0	8
?am	AF	5	3	0	0	0	0	0	8
?ar	PA	6	2	0	0	0	0	0	8
?ek	AF	7	0	1	0	0	0	0	8
?or	PAFT	8	0	0	0	0	0	0	8
bän	PA	3	3	1	1	0	0	0	8

bab	PA	1	6	1	0	0	0	0	8
bah	PA	1	6	1	0	0	0	0	8
bas	PAFTR	4	3	1	0	0	0	0	8
bil	PA	3	4	0	1	0	0	0	8
boh	A	4	1	3	0	0	0	0	8
dis	PAF	2	5	1	0	0	0	0	8
fäk	PA	1	5	2	0	0	0	0	8
fat	A	0	3	5	0	0	0	0	8
fer	PA	4	2	1	1	0	0	0	8
gärd	P	1	6	1	0	0	0	0	8
häy	A	2	5	1	0	0	0	0	8
hal	PAF	2	4	1	0	1	0	0	8
heb	A	0	4	4	0	0	0	0	8
hes	PA	2	4	1	1	0	0	0	8
hol	PA	3	1	3	1	0	0	0	8
jän	PA	6	1	1	0	0	0	0	8
jër	A	0	3	4	1	0	0	0	8
käd	PA	3	3	2	0	0	0	0	8
käm	PA	3	4	1	0	0	0	0	8
käs	PA	3	5	0	0	0	0	0	8
kor	PAF	4	1	3	0	0	0	0	8
kub	PA	0	5	3	0	0	0	0	8
läh	A	3	3	2	0	0	0	0	8
lab	PAFG	1	4	3	0	0	0	0	8
lah	PA	0	6	1	1	0	0	0	8
lek	AF	0	6	1	1	0	0	0	8
leG	AT	0	3	3	2	0	0	0	8
lim	PA	0	8	0	0	0	0	0	8
liz	PA	1	7	0	0	0	0	0	8
mäb	A	8	0	0	0	0	0	0	8
meh	PA	7	1	0	0	0	0	0	8
miy	A	0	2	6	0	0	0	0	8
mof	A	8	0	0	0	0	0	0	8
moj	A	8	0	0	0	0	0	0	8
moz	PA	7	0	1	0	0	0	0	8
pan	PF	3	5	0	0	0	0	0	8
Gäb	A	2	4	2	0	0	0	0	8
Gän	PA	2	6	0	0	0	0	0	8
Gel	PA	2	3	3	0	0	0	0	8
Ger	PAT	6	2	0	0	0	0	0	8
Gor	PAT	7	1	0	0	0	0	0	8
ränj	PY	2	6	0	0	0	0	0	8
räz	PA	2	5	1	0	0	0	0	8
reb	A	0	4	4	0	0	0	0	8
reG	PA	1	4	2	1	0	0	0	8
säf	PA	5	2	0	1	0	0	0	8
sem	PA	1	1	4	2	0	0	0	8
sen	PAF	3	3	1	1	0	0	0	8
sil	PAF	0	7	1	0	0	0	0	8
sol	A	3	1	4	0	0	0	0	8
sul	AF	0	8	0	0	0	0	0	8
täj	A	7	1	0	0	0	0	0	8
teš	PA	1	5	2	0	0	0	0	8
teb	A	1	4	2	1	0	0	0	8
tun	PAFT	0	7	0	1	0	0	0	8
vaz	PA	0	7	1	0	0	0	0	8
ver	PA	1	0	3	4	0	0	0	8
vol	PAT	0	0	8	0	0	0	0	8
χast	P	3	4	1	0	0	0	0	8
χer	PA	4	2	1	1	0	0	0	8
χun	P	5	2	1	0	0	0	0	8
yal	PA	1	7	0	0	0	0	0	8
yaz	PA	1	5	2	0	0	0	0	8
yin	PA	0	7	1	0	0	0	0	8
zät	A	0	5	2	1	0	0	0	8
zab	PA	0	8	0	0	0	0	0	8
zal	PA	3	2	3	0	0	0	0	8
zam	A	0	5	3	0	0	0	0	8
zeʔ	A	0	3	3	2	0	0	0	8
zur	A	4	4	0	0	0	0	0	8
šer	AE	1	2	4	0	0	0	0	7
ʔom	A	6	0	1	0	0	0	0	7
bäk	PA	0	5	2	0	0	0	0	7
baG	PA	4	2	1	0	0	0	0	7
bed	PA	2	2	2	1	0	0	0	7
bes	PA	2	4	0	1	0	0	0	7
bok	PF	1	6	0	0	0	0	0	7
bud	PAF	2	5	0	0	0	0	0	7
däb	A	2	3	2	0	0	0	0	7
däd	PA	1	3	3	0	0	0	0	7
dab	PA	0	6	1	0	0	0	0	7
don	PA	6	0	1	0	0	0	0	7
fu	AF	0	6	1	0	0	0	0	7
guš	P	4	1	2	0	0	0	0	7
häk	PA	2	4	1	0	0	0	0	7
häv	A	0	5	2	0	0	0	0	7
hem	PA	2	2	2	1	0	0	0	7
him	A	0	6	1	0	0	0	0	7

hom	PA	0	2	5	0	0	0	0	7	vāG	A	1	4	2	0	0	0	0	7
hur	PA	0	6	1	0	0	0	0	7	vāj	PA	1	4	2	0	0	0	0	7
jāt	A	0	3	3	1	0	0	0	7	χāt	A	4	2	1	0	0	0	0	7
jam	PA	1	3	3	0	0	0	0	7	yam	PA	0	6	1	0	0	0	0	7
jeb	A	1	3	2	1	0	0	0	7	yeʔ	A	0	3	4	0	0	0	0	7
jom	PA	5	1	1	0	0	0	0	7	yeG	AT	0	3	4	0	0	0	0	7
kāb	PA	1	4	2	0	0	0	0	7	zāk	PA	0	4	3	0	0	0	0	7
kāf	PA	5	1	1	0	0	0	0	7	zat	A	1	2	4	0	0	0	0	7
kal	PAFR	3	2	2	0	0	0	0	7	zaz	A	0	3	4	0	0	0	0	7
kin	PA	1	4	2	0	0	0	0	7	zor	PA	2	5	0	0	0	0	0	7
koš	P	4	2	1	0	0	0	0	7	šāG	A	3	3	0	0	0	0	0	6
kur	PAF	3	4	0	0	0	0	0	7	šāt	AS	2	2	2	0	0	0	0	6
lāf	A	0	5	2	0	0	0	0	7	ʔad	AF	1	3	1	1	0	0	0	6
leb	A	0	3	3	1	0	0	0	7	ʔan	PAF	4	2	0	0	0	0	0	6
lin	PF	0	2	5	0	0	0	0	7	ʔin	PAT	1	2	2	1	0	0	0	6
loG	AT	1	2	4	0	0	0	0	7	ʔiy	A	0	3	3	0	0	0	0	6
maG	AT	0	7	0	0	0	0	0	7	bāʔ	PA	1	4	1	0	0	0	0	6
mey	PA	7	0	0	0	0	0	0	7	bāG	A	1	4	1	0	0	0	0	6
mom	A	6	0	1	0	0	0	0	7	bih	A	0	6	0	0	0	0	0	6
nāf	PAF	1	4	2	0	0	0	0	7	bir	PA	0	5	1	0	0	0	0	6
nām	PA	3	2	2	0	0	0	0	7	bot	PAE	5	0	1	0	0	0	0	6
nār	P	5	2	0	0	0	0	0	7	boz	PA	4	0	2	0	0	0	0	6
pošt	P	4	3	0	0	0	0	0	7	but	A	0	5	1	0	0	0	0	6
puš	P	1	3	2	1	0	0	0	7	čāšm	P	6	0	0	0	0	0	0	6
Gāy	AT	3	2	1	1	0	0	0	7	čān	P	6	0	0	0	0	0	0	6
Gab	AT	2	5	0	0	0	0	0	7	čar	PT	3	3	0	0	0	0	0	6
Geb	AT	3	0	3	1	0	0	0	7	ču	PF	3	2	1	0	0	0	0	6
Gul	PA	1	5	0	0	0	1	0	7	dašt	P	1	5	0	0	0	0	0	6
rāχ	PA	2	5	0	0	0	0	0	7	dem	A	0	3	2	1	0	0	0	6
rek	A	0	3	2	2	0	0	0	7	din	PA	1	1	3	1	0	0	0	6
rib	PA	0	7	0	0	0	0	0	7	diy	A	0	2	4	0	0	0	0	6
rik	PAE	0	7	0	0	0	0	0	7	fān	PAF	3	3	0	0	0	0	0	6
riy	A	0	4	3	0	0	0	0	7	fel	AS	1	3	1	1	0	0	0	6
roχ	PA	3	4	0	0	0	0	0	7	fez	A	0	2	3	1	0	0	0	6
ruh	PA	1	6	0	0	0	0	0	7	fur	AF	0	6	0	0	0	0	0	6
rur	PA	0	7	0	0	0	0	0	7	gon	PF	5	1	0	0	0	0	0	6
sāng	P	5	1	1	0	0	0	0	7	gor	P	4	0	2	0	0	0	0	6
sāy	A	7	0	0	0	0	0	0	7	gos	P	4	2	0	0	0	0	0	6
sed	A	0	3	3	1	0	0	0	7	hād	A	2	4	0	0	0	0	0	6
siy	AF	0	4	3	0	0	0	0	7	hāj	A	1	3	2	0	0	0	0	6
sus	PA	1	5	0	1	0	0	0	7	hat	A	0	2	4	0	0	0	0	6
tāt	A	4	0	3	0	0	0	0	7	hin	PA	0	5	1	0	0	0	0	6
tek	PAF	5	1	1	0	0	0	0	7	huš	PA	3	3	0	0	0	0	0	6
tin	PAFT	0	5	2	0	0	0	0	7	jās	PA	0	5	1	0	0	0	0	6

jab	PA	0	4	2	0	0	0	0	6	tef	A	0	5	1	0	0	0	0	6
jen	AE	5	1	0	0	0	0	0	6	ton	PF	3	3	0	0	0	0	0	6
jol	PA	4	2	0	0	0	0	0	6	vam	PA	2	3	0	1	0	0	0	6
jon	PA	5	1	0	0	0	0	0	6	vin	PA	0	6	0	0	0	0	0	6
jur	PA	1	5	0	0	0	0	0	6	ži	PF	3	0	1	1	1	0	0	6
kāš	P	4	1	1	0	0	0	0	6	žu	PF	3	3	0	0	0	0	0	6
ken	A	0	3	2	1	0	0	0	6	čäm	PA	2	1	3	0	0	0	0	6
kes	PA	2	2	2	0	0	0	0	6	čänd	P	0	5	1	0	0	0	0	6
läd	A	0	3	3	0	0	0	0	6	čak	P	6	0	0	0	0	0	0	6
lad	PAF	0	5	1	0	0	0	0	6	čiz	P	1	3	2	0	0	0	0	6
lom	PAF	0	2	4	0	0	0	0	6	čos	PA	5	0	1	0	0	0	0	6
lon	PF	1	4	1	0	0	0	0	6	ču	P	4	1	1	0	0	0	0	6
lus	PAF	2	4	0	0	0	0	0	6	yeb	A	0	3	3	0	0	0	0	6
mah	P	5	0	1	0	0	0	0	6	yem	A	0	2	4	0	0	0	0	6
mer	AF	1	2	3	0	0	0	0	6	yes	PA	0	3	3	0	0	0	0	6
miz	PAF	3	3	0	0	0	0	0	6	zeh	PA	3	3	0	0	0	0	0	6
mur	PA	3	3	0	0	0	0	0	6	ziy	A	0	4	2	0	0	0	0	6
muz	PA	0	2	3	1	0	0	0	6	zun	PA	0	4	2	0	0	0	0	6
näk	P	0	2	4	0	0	0	0	6	šäl	PT	5	0	0	0	0	0	0	5
nab	PA	1	4	1	0	0	0	0	6	šo?	A	4	0	1	0	0	0	0	5
ne?	A	1	3	2	0	0	0	0	6	šur	PA	2	2	1	0	0	0	0	5
nik	P	1	2	2	0	1	0	0	6	?at	A	0	2	3	0	0	0	0	5
pän	PEH	6	0	0	0	0	0	0	6	?is	PA	4	1	0	0	0	0	0	5
Gir	A	1	5	0	0	0	0	0	6	?od	A	3	0	2	0	0	0	0	5
rä?	A	3	2	1	0	0	0	0	6	?ol	PA	3	0	2	0	0	0	0	5
räj	PA	1	2	3	0	0	0	0	6	?u	PAF	1	4	0	0	0	0	0	5
räst	P	1	1	1	3	0	0	0	6	bärg	P	2	2	1	0	0	0	0	5
räxt	P	5	1	0	0	0	0	0	6	bäst	P	1	4	0	0	0	0	0	5
re?	A	0	2	3	1	0	0	0	6	bäčš	P	3	0	2	0	0	0	0	5
red	A	0	2	2	2	0	0	0	6	beš	P	1	4	0	0	0	0	0	5
reh	PA	1	4	1	0	0	0	0	6	beG	A	0	1	4	0	0	0	0	5
rih	A	0	6	0	0	0	0	0	6	bet	A	0	1	4	0	0	0	0	5
ris	PA	1	4	1	0	0	0	0	6	čub	P	5	0	0	0	0	0	0	5
run	PA	0	5	1	0	0	0	0	6	däf	PA	4	1	0	0	0	0	0	5
rus	PA	3	3	0	0	0	0	0	6	därd	P	5	0	0	0	0	0	0	5
säk	PA	2	1	3	0	0	0	0	6	dil	AT	1	4	0	0	0	0	0	5
säG	PA	2	2	2	0	0	0	0	6	dip	F	5	0	0	0	0	0	0	5
sas	PA	1	4	1	0	0	0	0	6	dod	A	0	1	4	0	0	0	0	5
set	AF	0	3	2	1	0	0	0	6	fäh	A	1	2	2	0	0	0	0	5
sey	A	5	1	0	0	0	0	0	6	fe?	A	0	3	2	0	0	0	0	5
sim	PA	2	4	0	0	0	0	0	6	feG	A	1	1	3	0	0	0	0	5
suz	P	1	2	2	1	0	0	0	6	fon	AF	0	1	3	1	0	0	0	5
tad	PA	0	6	0	0	0	0	0	6	foG	A	2	2	1	0	0	0	0	5
taG	PAT	2	3	1	0	0	0	0	6	for	AF	4	0	1	0	0	0	0	5

gäl	P	2	3	0	0	0	0	0	5	nat	A	0	1	4	0	0	0	0	5
gän	P	4	1	0	0	0	0	0	5	neb	A	0	2	3	0	0	0	0	5
gerd	P	2	3	0	0	0	0	0	5	ney	P	4	0	1	0	0	0	0	5
háb	A	2	2	1	0	0	0	0	5	noG	A	3	1	1	0	0	0	0	5
ház	A	2	2	1	0	0	0	0	5	nus	AGR	0	4	1	0	0	0	0	5
hen	PA	3	1	1	0	0	0	0	5	páz	P	0	3	2	0	0	0	0	5
hid	PA	0	5	0	0	0	0	0	5	pak	P	5	0	0	0	0	0	0	5
hor	A	2	0	3	0	0	0	0	5	pen	PF	4	1	0	0	0	0	0	5
jäd	A	1	2	2	0	0	0	0	5	pes	P	4	1	0	0	0	0	0	5
jäm	A	2	3	0	0	0	0	0	5	poš	P	4	1	0	0	0	0	0	5
jäng	P	5	0	0	0	0	0	0	5	Gäh	A	5	0	0	0	0	0	0	5
jáz	A	2	2	0	1	0	0	0	5	Gad	A	0	2	3	0	0	0	0	5
žez	PA	2	3	0	0	0	0	0	5	Gam	PA	0	4	1	0	0	0	0	5
žir	PA	1	4	0	0	0	0	0	5	Gar	PA	2	2	1	0	0	0	0	5
kaf	PA	0	2	3	0	0	0	0	5	Ged	A	0	2	3	0	0	0	0	5
kas	PAF	3	1	1	0	0	0	0	5	Ges	A	2	2	1	0	0	0	0	5
keb	A	2	1	2	0	0	0	0	5	GiG	A	0	5	0	0	0	0	0	5
kel	PA	0	2	1	2	0	0	0	5	rak	PAF	0	3	2	0	0	0	0	5
key	PA	5	0	0	0	0	0	0	5	rid	PA	0	3	2	0	0	0	0	5
kom	PAF	3	0	2	0	0	0	0	5	rof	PA	1	0	4	0	0	0	0	5
kuh	P	4	1	0	0	0	0	0	5	ruš	PA	0	5	0	0	0	0	0	5
kul	PA	1	4	0	0	0	0	0	5	ru?	A	0	5	0	0	0	0	0	5
lär	P	4	0	1	0	0	0	0	5	ruf	A	0	5	0	0	0	0	0	5
läs	PA	0	4	1	0	0	0	0	5	rut	PA	0	4	1	0	0	0	0	5
läχ	PA	1	4	0	0	0	0	0	5	sänj	P	0	3	2	0	0	0	0	5
lāj	PA	1	3	1	0	0	0	0	5	sad	A	0	4	1	0	0	0	0	5
lar	P	0	2	1	2	0	0	0	5	saG	AT	2	2	1	0	0	0	0	5
led	A	0	1	3	1	0	0	0	5	sef	A	1	1	2	1	0	0	0	5
lef	A	0	1	3	1	0	0	0	5	sek	A	2	1	1	1	0	0	0	5
leh	PA	1	3	1	0	0	0	0	5	sum	A	0	5	0	0	0	0	0	5
lif	A	1	3	1	0	0	0	0	5	sun	PAR	0	5	0	0	0	0	0	5
lis	AF	0	5	0	0	0	0	0	5	taf	PA	2	2	1	0	0	0	0	5
lol	AF	0	2	3	0	0	0	0	5	taj	A	2	1	2	0	0	0	0	5
lub	A	0	5	0	0	0	0	0	5	til	PA	0	3	2	0	0	0	0	5
märd	P	1	2	2	0	0	0	0	5	tir	PA	2	2	1	0	0	0	0	5
ma?	A	0	3	2	0	0	0	0	5	vas	PA	0	5	0	0	0	0	0	5
māj	PT	0	5	0	0	0	0	0	5	vel	PA	2	0	0	3	0	0	0	5
mas	PAR	0	4	1	0	0	0	0	5	vid	PA	0	5	0	0	0	0	0	5
maz	PA	0	3	2	0	0	0	0	5	vir	PA	0	4	1	0	0	0	0	5
mik	F	3	1	1	0	0	0	0	5	vor	A	1	0	4	0	0	0	0	5
mok	AF	2	3	0	0	0	0	0	5	χäd	A	1	4	0	0	0	0	0	5
mud	PA	0	5	0	0	0	0	0	5	χäy	A	2	3	0	0	0	0	0	5
näχ	PA	3	2	0	0	0	0	0	5	χab	PA	3	1	1	0	0	0	0	5
nad	A	0	4	1	0	0	0	0	5	χas	PA	4	1	0	0	0	0	0	5

χey	PA	5	0	0	0	0	0	0	0	5	fänd	P	0	4	0	0	0	0	0	0	4
χim	PA	0	5	0	0	0	0	0	0	5	fäG	A	0	3	1	0	0	0	0	0	4
χis	PA	1	4	0	0	0	0	0	0	5	fäs	PA	0	4	0	0	0	0	0	0	4
yas	PA	1	3	1	0	0	0	0	0	5	faf	A	0	4	0	0	0	0	0	0	4
yek	P	4	0	1	0	0	0	0	0	5	fal	PA	1	3	0	0	0	0	0	0	4
yen	AT	1	0	3	1	0	0	0	0	5	faG	A	0	3	1	0	0	0	0	0	4
yez	A	0	3	2	0	0	0	0	0	5	fet	A	3	0	1	0	0	0	0	0	4
zäb	A	0	2	3	0	0	0	0	0	5	fīl	PAFG	3	1	0	0	0	0	0	0	4
zaG	PA	2	2	1	0	0	0	0	0	5	fiG	A	0	4	0	0	0	0	0	0	4
zul	PA	1	4	0	0	0	0	0	0	5	fīr	PA	0	4	0	0	0	0	0	0	4
šā?	A	0	3	1	0	0	0	0	0	4	gäst	P	1	3	0	0	0	0	0	0	4
šād	A	1	3	0	0	0	0	0	0	4	gänd	P	3	1	0	0	0	0	0	0	4
šähr	P	4	0	0	0	0	0	0	0	4	gärm	P	2	2	0	0	0	0	0	0	4
šärm	P	4	0	0	0	0	0	0	0	4	häf	PA	3	1	0	0	0	0	0	0	4
šen	PAF	2	2	0	0	0	0	0	0	4	hab	A	0	3	1	0	0	0	0	0	4
šey	PA	4	0	0	0	0	0	0	0	4	hej	PA	4	0	0	0	0	0	0	0	4
šor	PAF	2	2	0	0	0	0	0	0	4	hib	PA	0	4	0	0	0	0	0	0	4
šub	PA	0	3	1	0	0	0	0	0	4	hiy	A	0	2	2	0	0	0	0	0	4
?äy	A	2	1	1	0	0	0	0	0	4	hod	A	1	0	3	0	0	0	0	0	4
?id	A	1	3	0	0	0	0	0	0	4	hokm	A	4	0	0	0	0	0	0	0	4
?on	AF	3	1	0	0	0	0	0	0	4	hud	A	0	4	0	0	0	0	0	0	4
?ud	A	1	3	0	0	0	0	0	0	4	hut	PA	0	3	1	0	0	0	0	0	4
be?	A	1	1	2	0	0	0	0	0	4	jä?	A	2	2	0	0	0	0	0	0	4
bey	PA	4	0	0	0	0	0	0	0	4	jat	A	0	2	2	0	0	0	0	0	4
bod	PA	0	2	2	0	0	0	0	0	4	jaz	AF	1	3	0	0	0	0	0	0	4
boG	PAT	3	0	1	0	0	0	0	0	4	jel	A	1	3	0	0	0	0	0	0	4
bun	PA	0	3	1	0	0	0	0	0	4	jem	A	0	0	3	1	0	0	0	0	4
čäs	P	4	0	0	0	0	0	0	0	4	jib	A	1	3	0	0	0	0	0	0	4
čel	P	4	0	0	0	0	0	0	0	4	jin	PAF	0	4	0	0	0	0	0	0	4
dal	PAF	0	3	1	0	0	0	0	0	4	jud	A	1	3	0	0	0	0	0	0	4
daG	PAT	1	3	0	0	0	0	0	0	4	kak	AF	1	2	1	0	0	0	0	0	4
das	PA	3	1	0	0	0	0	0	0	4	kat	A	0	2	2	0	0	0	0	0	4
daχ	P	0	4	0	0	0	0	0	0	4	kop	PF	2	0	2	0	0	0	0	0	4
deG	A	2	1	1	0	0	0	0	0	4	lä?	A	1	3	0	0	0	0	0	0	4
des	PA	0	2	2	0	0	0	0	0	4	leš	PT	0	3	1	0	0	0	0	0	4
dež	P	4	0	0	0	0	0	0	0	4	let	AF	0	2	2	0	0	0	0	0	4
doš	P	3	1	0	0	0	0	0	0	4	lid	AG	0	3	1	0	0	0	0	0	4
dol	AT	1	0	3	0	0	0	0	0	4	lik	FTR	0	3	1	0	0	0	0	0	4
doz	PA	2	1	1	0	0	0	0	0	4	list	F	1	0	2	1	0	0	0	0	4
duš	PA	1	2	1	0	0	0	0	0	4	maš	PAY	1	3	0	0	0	0	0	0	4
duh	PA	0	4	0	0	0	0	0	0	4	med	A	1	2	1	0	0	0	0	0	4
dun	PA	2	2	0	0	0	0	0	0	4	meG	A	4	0	0	0	0	0	0	0	4
duχ	P	2	2	0	0	0	0	0	0	4	mid	PA	0	4	0	0	0	0	0	0	4
fä?	A	2	1	1	0	0	0	0	0	4	mim	A	0	4	0	0	0	0	0	0	4

muš	P	1	2	1	0	0	0	0	4
mul	AF	0	4	0	0	0	0	0	4
mus	AE	0	4	0	0	0	0	0	4
nāʔ	A	2	1	1	0	0	0	0	4
nāv	A	1	2	1	0	0	0	0	4
nāz	PA	2	2	0	0	0	0	0	4
nav	P	4	0	0	0	0	0	0	4
naz	PA	3	1	0	0	0	0	0	4
nef	PA	3	0	1	0	0	0	0	4
nim	P	4	0	0	0	0	0	0	4
nis	PAE	1	3	0	0	0	0	0	4
niz	PA	1	3	0	0	0	0	0	4
pāš	P	4	0	0	0	0	0	0	4
pič	P	2	1	1	0	0	0	0	4
pil	P	4	0	0	0	0	0	0	4
Gāf	A	2	1	1	0	0	0	0	4
Gās	A	2	1	1	0	0	0	0	4
Gāz	PA	1	3	0	0	0	0	0	4
GaG	A	0	1	3	0	0	0	0	4
Gaz	P	1	2	1	0	0	0	0	4
Gib	A	0	4	0	0	0	0	0	4
Gih	A	0	4	0	0	0	0	0	4
God	A	2	0	2	0	0	0	0	4
Guš	PAE	0	4	0	0	0	0	0	4
Gum	A	0	3	0	0	1	0	0	4
Gut	A	1	3	0	0	0	0	0	4
rār	A	0	2	2	0	0	0	0	4
rāzm	P	3	1	0	0	0	0	0	4
ral	F	0	2	2	0	0	0	0	4
rej	A	1	1	2	0	0	0	0	4
rem	AF	0	3	0	1	0	0	0	4
rim	A	0	4	0	0	0	0	0	4
riχ	PA	2	2	0	0	0	0	0	4
rob	PAF	1	2	1	0	0	0	0	4
rod	A	0	0	4	0	0	0	0	4
roG	AT	1	2	1	0	0	0	0	4
ros	PAF	2	1	1	0	0	0	0	4
rost	P	0	2	2	0	0	0	0	4
roz	A	0	0	4	0	0	0	0	4
ruG	PA	0	4	0	0	0	0	0	4
ruy	P	3	0	1	0	0	0	0	4
sāh	A	4	0	0	0	0	0	0	4
saf	A	1	3	0	0	0	0	0	4
saχ	PA	3	0	1	0	0	0	0	4
ses	AF	0	0	2	2	0	0	0	4
sin	PA	0	2	2	0	0	0	0	4
sis	AF	1	3	0	0	0	0	0	4
sud	PA	2	2	0	0	0	0	0	4
suf	AG	0	4	0	0	0	0	0	4
suχ	PA	2	2	0	0	0	0	0	4
tah	PA	0	3	1	0	0	0	0	4
tak	PAF	3	1	0	0	0	0	0	4
tes	PA	0	4	0	0	0	0	0	4
teχ	A	0	4	0	0	0	0	0	4
toʔ	A	2	0	2	0	0	0	0	4
tom	PA	1	2	1	0	0	0	0	4
tum	A	0	4	0	0	0	0	0	4
vāj	A	0	3	1	0	0	0	0	4
vāk	PA	0	2	2	0	0	0	0	4
vāz	A	1	3	0	0	0	0	0	4
vah	PA	0	4	0	0	0	0	0	4
vešt	P	0	0	4	0	0	0	0	4
vey	PA	1	3	0	0	0	0	0	4
vil	A	0	4	0	0	0	0	0	4
vis	PF	0	1	3	0	0	0	0	4
viy	A	0	2	1	1	0	0	0	4
χel	A	2	2	0	0	0	0	0	4
χes	A	2	1	0	1	0	0	0	4
χir	A	0	4	0	0	0	0	0	4
yab	PA	0	3	1	0	0	0	0	4
yaf	PA	2	2	0	0	0	0	0	4
yun	PA	0	2	2	0	0	0	0	4
zād	P	0	3	1	0	0	0	0	4
zārd	P	4	0	0	0	0	0	0	4
zāχ	PA	1	3	0	0	0	0	0	4
zāj	PA	1	1	1	1	0	0	0	4
zeb	PA	1	2	1	0	0	0	0	4
zib	PA	1	2	1	0	0	0	0	4
zol	A	2	0	2	0	0	0	0	4
zud	P	4	0	0	0	0	0	0	4
zum	A	0	3	0	1	0	0	0	4
šāf	PA	3	0	0	0	0	0	0	3
šāχ	A	0	2	1	0	0	0	0	3
šab	P	0	3	0	0	0	0	0	3
šal	PF	1	2	0	0	0	0	0	3
šaG	A	1	1	1	0	0	0	0	3
šed	A	1	2	0	0	0	0	0	3
šef	A	0	1	2	0	0	0	0	3

šem	PA	2	0	1	0	0	0	0	3	faʔ	A	0	1	2	0	0	0	0	3
šiš	PAT	1	2	0	0	0	0	0	3	fad	A	0	2	1	0	0	0	0	3
šib	PA	1	1	1	0	0	0	0	3	fam	P	1	1	1	0	0	0	0	3
šoh	A	2	0	1	0	0	0	0	3	fan	PAF	0	2	1	0	0	0	0	3
ʔämr	A	1	0	0	1	1	0	0	3	far	A	0	2	1	0	0	0	0	3
ʔaχ	P	3	0	0	0	0	0	0	3	fen	PA	2	0	0	1	0	0	0	3
ʔim	A	0	3	0	0	0	0	0	3	fiʔ	A	0	3	0	0	0	0	0	3
ʔof	PA	3	0	0	0	0	0	0	3	fid	PA	0	2	1	0	0	0	0	3
ʔul	A	0	3	0	0	0	0	0	3	fin	AF	0	2	1	0	0	0	0	3
ʔun	A	0	3	0	0	0	0	0	3	fol	AF	1	0	1	1	0	0	0	3
ʔus	A	0	3	0	0	0	0	0	3	fuz	A	0	3	0	0	0	0	0	3
bäχt	P	2	0	1	0	0	0	0	3	gäk	P	0	3	0	0	0	0	0	3
baf	P	2	1	0	0	0	0	0	3	gäz	P	2	1	0	0	0	0	0	3
bam	P	3	0	0	0	0	0	0	3	gof	P	3	0	0	0	0	0	0	3
bib	A	0	3	0	0	0	0	0	3	goft	P	1	2	0	0	0	0	0	3
bis	AF	2	1	0	0	0	0	0	3	gušt	P	2	1	0	0	0	0	0	3
biy	A	0	0	3	0	0	0	0	3	gur	P	2	1	0	0	0	0	0	3
buh	PA	0	3	0	0	0	0	0	3	häš	P	3	0	0	0	0	0	0	3
bul	AF	1	2	0	0	0	0	0	3	haf	A	0	3	0	0	0	0	0	3
buG	A	1	2	0	0	0	0	0	3	hay	P	2	1	0	0	0	0	0	3
čäl	P	2	1	0	0	0	0	0	3	hek	AF	2	1	0	0	0	0	0	3
čäm	P	2	1	0	0	0	0	0	3	heG	PA	1	2	0	0	0	0	0	3
čas	P	3	0	0	0	0	0	0	3	hir	A	0	1	2	0	0	0	0	3
čak	P	1	0	2	0	0	0	0	3	hof	PA	1	2	0	0	0	0	0	3
čan	P	0	3	0	0	0	0	0	3	hoj	A	3	0	0	0	0	0	0	3
däng	P	0	3	0	0	0	0	0	3	hum	A	0	3	0	0	0	0	0	3
daš	P	1	2	0	0	0	0	0	3	jäh	A	0	1	2	0	0	0	0	3
daʔ	A	0	2	1	0	0	0	0	3	jal	PA	0	3	0	0	0	0	0	3
deš	P	1	2	0	0	0	0	0	3	jay	P	3	0	0	0	0	0	0	3
ded	A	0	0	0	3	0	0	0	3	jeʔ	A	0	1	2	0	0	0	0	3
den	PA	0	1	1	1	0	0	0	3	jiʔ	A	0	3	0	0	0	0	0	3
diš	P	0	2	1	0	0	0	0	3	jih	A	0	3	0	0	0	0	0	3
diʔ	A	0	3	0	0	0	0	0	3	jil	PA	0	3	0	0	0	0	0	3
dig	P	3	0	0	0	0	0	0	3	jim	PA	0	3	0	0	0	0	0	3
dik	PF	2	1	0	0	0	0	0	3	job	PA	2	0	1	0	0	0	0	3
dim	A	0	3	0	0	0	0	0	3	jos	PA	3	0	0	0	0	0	0	3
diG	PA	0	3	0	0	0	0	0	3	joz	PA	3	0	0	0	0	0	0	3
doG	PA	0	2	1	0	0	0	0	3	juš	P	1	1	1	0	0	0	0	3
dum	A	0	3	0	0	0	0	0	3	kaš	P	2	1	0	0	0	0	0	3
duG	PA	1	2	0	0	0	0	0	3	kešt	P	3	0	0	0	0	0	0	3
dust	P	3	0	0	0	0	0	0	3	kil	A	0	3	0	0	0	0	0	3
duz	P	0	1	2	0	0	0	0	3	kim	AG	1	2	0	0	0	0	0	3
fäl	AG	1	2	0	0	0	0	0	3	kof	PA	1	1	1	0	0	0	0	3
fäz	A	1	2	0	0	0	0	0	3	kot	PAF	2	0	1	0	0	0	0	3

kuk	PA	1	2	0	0	0	0	0	0	3	peč	P	2	1	0	0	0	0	0	0	3
kut	A	0	2	1	0	0	0	0	0	3	per	F	1	2	0	0	0	0	0	0	3
lāj	A	2	1	0	0	0	0	0	0	3	port	F	0	3	0	0	0	0	0	0	3
lāv	A	0	3	0	0	0	0	0	0	3	poχ	P	3	0	0	0	0	0	0	0	3
lāz	A	2	1	0	0	0	0	0	0	3	poχt	P	1	2	0	0	0	0	0	0	3
laš	P	2	1	0	0	0	0	0	0	3	pur	PT	1	2	0	0	0	0	0	0	3
laž	PF	1	2	0	0	0	0	0	0	3	pus	P	2	1	0	0	0	0	0	0	3
lel	AF	1	0	2	0	0	0	0	0	3	Gā?	A	0	2	1	0	0	0	0	0	3
liG	A	0	2	1	0	0	0	0	0	3	Gāk	P	0	2	1	0	0	0	0	0	3
lob	A	1	0	2	0	0	0	0	0	3	Gāv	A	2	1	0	0	0	0	0	0	3
lov	A	0	3	0	0	0	0	0	0	3	Geš	PT	1	2	0	0	0	0	0	0	3
lud	PA	0	1	2	0	0	0	0	0	3	Ge?	A	0	2	0	1	0	0	0	0	3
luk	AF	0	3	0	0	0	0	0	0	3	Gez	PA	0	2	0	1	0	0	0	0	3
lum	A	0	3	0	0	0	0	0	0	3	Gim	A	0	2	1	0	0	0	0	0	3
luG	PA	0	3	0	0	0	0	0	0	3	Gof	AG	1	1	1	0	0	0	0	0	3
lut	AF	0	3	0	0	0	0	0	0	3	Gur	PT	2	1	0	0	0	0	0	0	3
mārg	P	1	1	1	0	0	0	0	0	3	rānd	P	0	2	0	0	1	0	0	0	3
māv	A	1	1	1	0	0	0	0	0	3	raž	F	0	3	0	0	0	0	0	0	3
mehr	P	3	0	0	0	0	0	0	0	3	raχ	P	0	3	0	0	0	0	0	0	3
met	AF	2	1	0	0	0	0	0	0	3	ray	PA	2	1	0	0	0	0	0	0	3
mez	A	2	1	0	0	0	0	0	0	3	ren	PA	0	1	1	1	0	0	0	0	3
mi?	A	0	3	0	0	0	0	0	0	3	riš	P	2	1	0	0	0	0	0	0	3
miχ	P	1	2	0	0	0	0	0	0	3	ril	F	0	2	1	0	0	0	0	0	3
mošt	P	3	0	0	0	0	0	0	0	3	rir	A	0	3	0	0	0	0	0	0	3
mož	P	3	0	0	0	0	0	0	0	3	rit	A	0	3	0	0	0	0	0	0	3
nā?l	A	3	0	0	0	0	0	0	0	3	rošt	P	0	3	0	0	0	0	0	0	3
nāb	A	0	2	1	0	0	0	0	0	3	ro?	A	2	0	1	0	0	0	0	0	3
nād	A	0	2	1	0	0	0	0	0	3	rok	A	0	0	3	0	0	0	0	0	3
nāj	A	2	1	0	0	0	0	0	0	3	rol	AF	0	0	2	1	0	0	0	0	3
na?	A	0	2	1	0	0	0	0	0	3	rom	PA	0	1	2	0	0	0	0	0	3
naf	PA	1	1	1	0	0	0	0	0	3	rub	PA	0	2	1	0	0	0	0	0	3
nah	PA	0	3	0	0	0	0	0	0	3	ruj	PA	0	3	0	0	0	0	0	0	3
naG	AT	0	1	2	0	0	0	0	0	3	sāhm	PA	3	0	0	0	0	0	0	0	3
nay	PF	2	1	0	0	0	0	0	0	3	sāj	A	2	1	0	0	0	0	0	0	3
nel	F	0	2	1	0	0	0	0	0	3	sānd	P	0	2	1	0	0	0	0	0	3
ner	F	0	0	2	0	1	0	0	0	3	sāχ	PA	1	2	0	0	0	0	0	0	3
nil	F	2	1	0	0	0	0	0	0	3	sam	A	0	2	1	0	0	0	0	0	3
nok	PA	2	1	0	0	0	0	0	0	3	sat	A	0	2	1	0	0	0	0	0	3
nom	AFT	1	1	1	0	0	0	0	0	3	sib	PA	1	2	0	0	0	0	0	0	3
nos	A	2	0	1	0	0	0	0	0	3	sid	PG	0	2	1	0	0	0	0	0	3
nuš	P	2	0	1	0	0	0	0	0	3	sit	A	0	3	0	0	0	0	0	0	3
nud	PA	0	3	0	0	0	0	0	0	3	sob	A	1	0	2	0	0	0	0	0	3
pānd	P	2	1	0	0	0	0	0	0	3	sof	A	2	0	1	0	0	0	0	0	3
peš	P	1	2	0	0	0	0	0	0	3	sok	A	2	0	1	0	0	0	0	0	3

ʔärz	P	2	0	0	0	0	0	0	2	därz	P	1	1	0	0	0	0	0	2
ʔäž	P	2	0	0	0	0	0	0	2	däy	A	0	1	1	0	0	0	0	2
ʔey	P	2	0	0	0	0	0	0	2	dat	A	0	2	0	0	0	0	0	2
ʔif	A	0	2	0	0	0	0	0	2	day	PA	1	1	0	0	0	0	0	2
ʔist	P	2	0	0	0	0	0	0	2	def	A	0	0	1	1	0	0	0	2
ʔiz	PA	0	2	0	0	0	0	0	2	dey	P	2	0	0	0	0	0	0	2
ʔoš	PA	2	0	0	0	0	0	0	2	deyn	A	1	0	1	0	0	0	0	2
ʔoft	P	1	1	0	0	0	0	0	2	dib	A	0	2	0	0	0	0	0	2
ʔoj	A	2	0	0	0	0	0	0	2	dof	A	0	0	2	0	0	0	0	2
ʔoG	AG	2	0	0	0	0	0	0	2	dos	PA	0	1	1	0	0	0	0	2
ʔoz	A	2	0	0	0	0	0	0	2	dub	F	2	0	0	0	0	0	0	2
ʔuf	A	0	2	0	0	0	0	0	2	dul	AF	0	2	0	0	0	0	0	2
bäš	A	1	1	0	0	0	0	0	2	fäv	A	1	1	0	0	0	0	0	2
bäʔd	A	1	1	0	0	0	0	0	2	faš	A	1	1	0	0	0	0	0	2
bäč	P	2	0	0	0	0	0	0	2	fas	AR	1	1	0	0	0	0	0	2
bäz	A	2	0	0	0	0	0	0	2	faz	A	0	2	0	0	0	0	0	2
bäzm	P	2	0	0	0	0	0	0	2	feʔl	A	1	1	0	0	0	0	0	2
baʔ	A	0	2	0	0	0	0	0	2	fif	A	0	2	0	0	0	0	0	2
bak	PF	2	0	0	0	0	0	0	2	fik	F	0	0	2	0	0	0	0	2
bast	P	0	2	0	0	0	0	0	2	film	F	2	0	0	0	0	0	0	2
baχ	P	2	0	0	0	0	0	0	2	fiy	A	0	2	0	0	0	0	0	2
beχ	P	1	1	0	0	0	0	0	2	fiz	A	0	1	1	0	0	0	0	2
beyn	A	1	1	0	0	0	0	0	2	form	F	1	1	0	0	0	0	0	2
biš	P	1	0	1	0	0	0	0	2	fuʔ	A	0	2	0	0	0	0	0	2
biʔ	A	0	2	0	0	0	0	0	2	fun	AG	0	1	1	0	0	0	0	2
biχ	PA	1	1	0	0	0	0	0	2	fut	PE	2	0	0	0	0	0	0	2
boš	TR	2	0	0	0	0	0	0	2	gäd	P	0	2	0	0	0	0	0	2
bord	P	2	0	0	0	0	0	0	2	gäh	P	2	0	0	0	0	0	0	2
bos	PA	1	0	1	0	0	0	0	2	gäs	P	1	1	0	0	0	0	0	2
bub	A	0	2	0	0	0	0	0	2	gam	P	1	1	0	0	0	0	0	2
čäng	P	1	1	0	0	0	0	0	2	gel	P	2	0	0	0	0	0	0	2
čäp	P	2	0	0	0	0	0	0	2	ges	P	0	1	1	0	0	0	0	2
čärχ	P	2	0	0	0	0	0	0	2	gez	PT	1	1	0	0	0	0	0	2
čäs	P	1	0	1	0	0	0	0	2	giʔ	P	2	0	0	0	0	0	0	2
čätr	P	2	0	0	0	0	0	0	2	gil	P	0	2	0	0	0	0	0	2
čaš	P	2	0	0	0	0	0	0	2	goš	P	0	2	0	0	0	0	0	2
čap	PH	2	0	0	0	0	0	0	2	gošt	P	0	1	1	0	0	0	0	2
čaG	T	1	1	0	0	0	0	0	2	gul	P	1	1	0	0	0	0	0	2
ček	P	2	0	0	0	0	0	0	2	haj	A	1	1	0	0	0	0	0	2
čiz	P	1	1	0	0	0	0	0	2	haG	A	0	2	0	0	0	0	0	2
čon	PT	2	0	0	0	0	0	0	2	haz	A	0	2	0	0	0	0	0	2
däʔ	A	2	0	0	0	0	0	0	2	hešt	P	0	1	0	1	0	0	0	2
däG	A	1	1	0	0	0	0	0	2	hef	PA	1	0	1	0	0	0	0	2
										hič	P	2	0	0	0	0	0	0	2

nov	A	1	1	0	0	0	0	0	0	2
noz	A	2	0	0	0	0	0	0	0	2
nu?	A	0	2	0	0	0	0	0	0	2
nub	A	0	2	0	0	0	0	0	0	2
nur	PA	1	1	0	0	0	0	0	0	2
nut	A	0	2	0	0	0	0	0	0	2
nuz	P	1	1	0	0	0	0	0	0	2
päk	P	0	2	0	0	0	0	0	0	2
päž	P	2	0	0	0	0	0	0	0	2
päχ	P	2	0	0	0	0	0	0	0	2
pad	P	2	0	0	0	0	0	0	0	2
pal	PF	1	1	0	0	0	0	0	0	2
pap	F	2	0	0	0	0	0	0	0	2
pež	P	2	0	0	0	0	0	0	0	2
pof	P	2	0	0	0	0	0	0	0	2
pok	P	1	0	1	0	0	0	0	0	2
pol	P	2	0	0	0	0	0	0	0	2
poG	T	0	2	0	0	0	0	0	0	2
pors	PF	1	1	0	0	0	0	0	0	2
porz	P	1	1	0	0	0	0	0	0	2
pos	F	2	0	0	0	0	0	0	0	2
pud	P	1	0	1	0	0	0	0	0	2
pul	PF	1	1	0	0	0	0	0	0	2
put	F	0	2	0	0	0	0	0	0	2
puz	P	2	0	0	0	0	0	0	0	2
Gäš	A	1	0	1	0	0	0	0	0	2
Gäbl	A	1	1	0	0	0	0	0	0	2
Gaš	A	0	2	0	0	0	0	0	0	2
Gah	PA	0	2	0	0	0	0	0	0	2
Gas	A	0	2	0	0	0	0	0	0	2
Gef	A	0	1	0	1	0	0	0	0	2
Geyd	A	1	1	0	0	0	0	0	0	2
Gif	PA	1	1	0	0	0	0	0	0	2
Gin	A	0	2	0	0	0	0	0	0	2
Giy	A	0	1	1	0	0	0	0	0	2
Gob	A	1	0	1	0	0	0	0	0	2
Gom	A	2	0	0	0	0	0	0	0	2
Gon	PT	2	0	0	0	0	0	0	0	2
Gos	A	2	0	0	0	0	0	0	0	2
Gotb	A	2	0	0	0	0	0	0	0	2
Gov	A	1	1	0	0	0	0	0	0	2
Goz	A	1	0	1	0	0	0	0	0	2
Guf	A	0	2	0	0	0	0	0	0	2
Guz	P	1	1	0	0	0	0	0	0	2
räš	A	1	1	0	0	0	0	0	0	2
räft	P	1	1	0	0	0	0	0	0	2
räg	P	2	0	0	0	0	0	0	0	2
räGm	A	1	0	1	0	0	0	0	0	2
räχš	P	0	1	1	0	0	0	0	0	2
rans	F	0	1	1	0	0	0	0	0	2
rast	P	1	1	0	0	0	0	0	0	2
rešt	P	0	1	1	0	0	0	0	0	2
renj	P	0	2	0	0	0	0	0	0	2
reχ	A	1	0	1	0	0	0	0	0	2
ri?	A	0	2	0	0	0	0	0	0	2
rig	P	2	0	0	0	0	0	0	0	2
roš	PA	1	1	0	0	0	0	0	0	2
roft	P	1	1	0	0	0	0	0	0	2
roh	A	2	0	0	0	0	0	0	0	2
roj	A	1	0	1	0	0	0	0	0	2
ror	AF	0	1	1	0	0	0	0	0	2
ruχ	PA	0	2	0	0	0	0	0	0	2
särv	P	1	0	1	0	0	0	0	0	2
säs	P	0	2	0	0	0	0	0	0	2
säχt	P	2	0	0	0	0	0	0	0	2
sah	A	0	2	0	0	0	0	0	0	2
saj	PA	1	1	0	0	0	0	0	0	2
sak	AF	1	1	0	0	0	0	0	0	2
saž	F	0	2	0	0	0	0	0	0	2
saχt	P	2	0	0	0	0	0	0	0	2
seh	A	1	1	0	0	0	0	0	0	2
seG	A	0	2	0	0	0	0	0	0	2
serv	F	1	1	0	0	0	0	0	0	2
seχ	A	0	2	0	0	0	0	0	0	2
sif	A	0	2	0	0	0	0	0	0	2
siχ	PY	1	1	0	0	0	0	0	0	2
sobh	A	2	0	0	0	0	0	0	0	2
suj	A	0	2	0	0	0	0	0	0	2
täbl	AG	1	1	0	0	0	0	0	0	2
täng	P	2	0	0	0	0	0	0	0	2
tärs	P	2	0	0	0	0	0	0	0	2
täv	A	0	2	0	0	0	0	0	0	2
ta?	A	0	2	0	0	0	0	0	0	2
tas	PA	1	1	0	0	0	0	0	0	2
taχ	P	1	1	0	0	0	0	0	0	2
teyn	A	0	0	2	0	0	0	0	0	2
tib	A	0	2	0	0	0	0	0	0	2
tif	A	0	2	0	0	0	0	0	0	2

tip	P	1	1	0	0	0	0	0	2	yef	A	0	0	1	0	0	1	0	2
tod	F	0	2	0	0	0	0	0	2	yej	A	0	0	2	0	0	0	0	2
toh	A	2	0	0	0	0	0	0	2	yi?	A	0	2	0	0	0	0	0	2
tond	P	2	0	0	0	0	0	0	2	yiz	PA	0	2	0	0	0	0	0	2
toG	A	2	0	0	0	0	0	0	2	yom	F	0	0	0	1	1	0	0	2
torš	P	2	0	0	0	0	0	0	2	yor	A	0	0	2	0	0	0	0	2
toχ	PT	2	0	0	0	0	0	0	2	yub	A	0	2	0	0	0	0	0	2
toχm	P	2	0	0	0	0	0	0	2	yur	A	0	2	0	0	0	0	0	2
tuk	P	0	2	0	0	0	0	0	2	zāš	P	0	2	0	0	0	0	0	2
vāš	PA	0	1	1	0	0	0	0	2	zāf	A	0	1	1	0	0	0	0	2
vād	A	0	1	1	0	0	0	0	2	zāhr	P	2	0	0	0	0	0	0	2
vāGt	A	1	0	1	0	0	0	0	2	zānd	P	0	2	0	0	0	0	0	2
vārz	P	0	1	1	0	0	0	0	2	za?	A	0	1	1	0	0	0	0	2
vāsf	A	1	0	1	0	0	0	0	2	zaf	PA	0	2	0	0	0	0	0	2
vāzn	PA	1	1	0	0	0	0	0	2	zešk	P	0	1	1	0	0	0	0	2
vaš	PT	0	2	0	0	0	0	0	2	zešt	P	2	0	0	0	0	0	0	2
vab	A	0	2	0	0	0	0	0	2	zed	A	1	0	1	0	0	0	0	2
vad	A	0	2	0	0	0	0	0	2	zej	A	1	1	0	0	0	0	0	2
vem	A	0	0	2	0	0	0	0	2	zeG	A	0	2	0	0	0	0	0	2
vez	A	0	0	1	1	0	0	0	2	zey	A	2	0	0	0	0	0	0	2
viš	P	0	2	0	0	0	0	0	2	zif	A	0	2	0	0	0	0	0	2
viG	A	0	2	0	0	0	0	0	2	zih	A	0	2	0	0	0	0	0	2
vit	F	1	0	1	0	0	0	0	2	zik	F	0	2	0	0	0	0	0	2
vom	P	0	2	0	0	0	0	0	2	ziz	A	0	2	0	0	0	0	0	2
von	A	0	0	2	0	0	0	0	2	zo?	A	0	0	2	0	0	0	0	2
vos	A	2	0	0	0	0	0	0	2	zob	A	1	0	1	0	0	0	0	2
žen	F	2	0	0	0	0	0	0	2	zøj	A	2	0	0	0	0	0	0	2
žik	F	0	1	0	0	1	0	0	2	zom	PA	1	1	0	0	0	0	0	2
žim	F	1	1	0	0	0	0	0	2	zon	A	1	0	1	0	0	0	0	2
žir	P	0	2	0	0	0	0	0	2	zorg	P	0	2	0	0	0	0	0	2
χāb	A	0	1	1	0	0	0	0	2	zu?	A	0	2	0	0	0	0	0	2
χāk	P	0	2	0	0	0	0	0	2	zub	A	0	2	0	0	0	0	0	2
χam	P	1	1	0	0	0	0	0	2	šā?n	A	1	0	0	0	0	0	0	1
χez	A	1	0	1	0	0	0	0	2	šāhd	A	1	0	0	0	0	0	0	1
χom	P	2	0	0	0	0	0	0	2	šāj	A	0	1	0	0	0	0	0	1
χord	P	1	0	1	0	0	0	0	2	šākl	A	1	0	0	0	0	0	0	1
χost	P	0	2	0	0	0	0	0	2	šām?	A	1	0	0	0	0	0	0	1
χud	P	1	1	0	0	0	0	0	2	šāng	P	0	1	0	0	0	0	0	1
yā?	A	1	1	0	0	0	0	0	2	šār?	A	1	0	0	0	0	0	0	1
yār	A	0	0	1	0	1	0	0	2	šārĥ	A	1	0	0	0	0	0	0	1
yāz	PA	1	1	0	0	0	0	0	2	šārG	A	1	0	0	0	0	0	0	1
yak	PG	0	2	0	0	0	0	0	2	šārt	A	1	0	0	0	0	0	0	1
yaG	A	0	1	1	0	0	0	0	2	šāχs	A	1	0	0	0	0	0	0	1
yard	F	0	2	0	0	0	0	0	2	ša?	A	0	1	0	0	0	0	0	1

šans	F	1	0	0	0	0	0	0	1
šarž	F	1	0	0	0	0	0	0	1
šay	P	1	0	0	0	0	0	0	1
šeʔr	A	1	0	0	0	0	0	0	1
šebh	A	1	0	0	0	0	0	0	1
šek	P	1	0	0	0	0	0	0	1
šekl	A	1	0	0	0	0	0	0	1
šel	T	1	0	0	0	0	0	0	1
šemš	P	1	0	0	0	0	0	0	1
šeG	A	0	1	0	0	0	0	0	1
šerk	A	1	0	0	0	0	0	0	1
šeyʔ	A	1	0	0	0	0	0	0	1
šeyχ	A	1	0	0	0	0	0	0	1
šif	P	1	0	0	0	0	0	0	1
ših	A	0	1	0	0	0	0	0	1
šist	F	0	0	1	0	0	0	0	1
šiy	A	0	1	0	0	0	0	0	1
šiz	P	0	1	0	0	0	0	0	1
šoš	P	0	1	0	0	0	0	0	1
šod	P	0	0	0	1	0	0	0	1
šol	P	1	0	0	0	0	0	0	1
šoGl	A	1	0	0	0	0	0	0	1
šorb	A	1	0	0	0	0	0	0	1
šoχm	P	1	0	0	0	0	0	0	1
šuš	A	0	1	0	0	0	0	0	1
šuʔ	A	0	1	0	0	0	0	0	1
šuf	A	0	1	0	0	0	0	0	1
šum	A	1	0	0	0	0	0	0	1
šun	T	0	1	0	0	0	0	0	1
šuG	A	0	1	0	0	0	0	0	1
šuχ	P	1	0	0	0	0	0	0	1
šuy	P	1	0	0	0	0	0	0	1
ʔabd	A	1	0	0	0	0	0	0	1
ʔabr	P	1	0	0	0	0	0	0	1
ʔād	A	1	0	0	0	0	0	0	1
ʔāfv	A	1	0	0	0	0	0	0	1
ʔāhd	A	1	0	0	0	0	0	0	1
ʔāhl	A	1	0	0	0	0	0	0	1
ʔāj	A	1	0	0	0	0	0	0	1
ʔāks	A	1	0	0	0	0	0	0	1
ʔāmd	A	1	0	0	0	0	0	0	1
ʔāmn	A	1	0	0	0	0	0	0	1
ʔāGd	A	1	0	0	0	0	0	0	1
ʔāGl	A	1	0	0	0	0	0	0	1
ʔārš	A	1	0	0	0	0	0	0	1
ʔāsb	P	1	0	0	0	0	0	0	1
ʔāsl	A	1	0	0	0	0	0	0	1
ʔāsr	A	1	0	0	0	0	0	0	1
ʔātf	A	1	0	0	0	0	0	0	1
ʔātr	A	1	0	0	0	0	0	0	1
ʔāv	A	1	0	0	0	0	0	0	1
ʔāχz	A	1	0	0	0	0	0	0	1
ʔāzl	A	1	0	0	0	0	0	0	1
ʔāzm	A	1	0	0	0	0	0	0	1
ʔaʔ	A	0	1	0	0	0	0	0	1
ʔah	P	1	0	0	0	0	0	0	1
ʔaj	A	1	0	0	0	0	0	0	1
ʔaG	A	1	0	0	0	0	0	0	1
ʔard	P	1	0	0	0	0	0	0	1
ʔatr	F	0	1	0	0	0	0	0	1
ʔav	F	1	0	0	0	0	0	0	1
ʔay	P	1	0	0	0	0	0	0	1
ʔešG	A	1	0	0	0	0	0	0	1
ʔejz	A	1	0	0	0	0	0	0	1
ʔelm	A	1	0	0	0	0	0	0	1
ʔerG	A	1	0	0	0	0	0	0	1
ʔers	A	1	0	0	0	0	0	0	1
ʔerz	A	1	0	0	0	0	0	0	1
ʔesm	A	1	0	0	0	0	0	0	1
ʔež	P	1	0	0	0	0	0	0	1
ʔeyš	A	1	0	0	0	0	0	0	1
ʔeyn	A	1	0	0	0	0	0	0	1
ʔezn	A	1	0	0	0	0	0	0	1
ʔil	F	0	0	1	0	0	0	0	1
ʔoʔ	A	1	0	0	0	0	0	0	1
ʔob	A	1	0	0	0	0	0	0	1
ʔoh	A	1	0	0	0	0	0	0	1
ʔojb	A	1	0	0	0	0	0	0	1
ʔok	F	1	0	0	0	0	0	0	1
ʔomG	A	1	0	0	0	0	0	0	1
ʔomr	A	1	0	0	0	0	0	0	1
ʔonf	A	1	0	0	0	0	0	0	1
ʔons	A	1	0	0	0	0	0	0	1
ʔorf	A	1	0	0	0	0	0	0	1
ʔosr	A	1	0	0	0	0	0	0	1

dähr	A	1	0	0	0	0	0	0	0	1
däj	A	0	1	0	0	0	0	0	0	1
dälG	P	1	0	0	0	0	0	0	0	1
dälv	A	1	0	0	0	0	0	0	0	1
därb	P	1	0	0	0	0	0	0	0	1
därj	A	1	0	0	0	0	0	0	0	1
därk	A	1	0	0	0	0	0	0	0	1
därs	A	1	0	0	0	0	0	0	0	1
däv	A	0	1	0	0	0	0	0	0	1
däχ	P	1	0	0	0	0	0	0	0	1
däχl	A	1	0	0	0	0	0	0	0	1
daf	A	0	1	0	0	0	0	0	0	1
dah	A	0	1	0	0	0	0	0	0	1
dams	E	0	1	0	0	0	0	0	0	1
dang	P	1	0	0	0	0	0	0	0	1
dard	F	0	0	1	0	0	0	0	0	1
darm	F	0	1	0	0	0	0	0	0	1
dav	P	1	0	0	0	0	0	0	0	1
daž	F	0	1	0	0	0	0	0	0	1
daχt	P	0	1	0	0	0	0	0	0	1
de?	A	0	0	1	0	0	0	0	0	1
denj	P	1	0	0	0	0	0	0	0	1
dern	F	0	1	0	0	0	0	0	0	1
deym	A	1	0	0	0	0	0	0	0	1
deyr	A	1	0	0	0	0	0	0	0	1
dif	A	0	1	0	0	0	0	0	0	1
dih	A	0	1	0	0	0	0	0	0	1
ding	E	0	1	0	0	0	0	0	0	1
div	P	1	0	0	0	0	0	0	0	1
do?	A	0	0	1	0	0	0	0	0	1
dob	A	0	0	1	0	0	0	0	0	1
dok	F	1	0	0	0	0	0	0	0	1
dord	P	1	0	0	0	0	0	0	0	1
dov	P	1	0	0	0	0	0	0	0	1
doχ	P	1	0	0	0	0	0	0	0	1
dozd	P	1	0	0	0	0	0	0	0	1
dubl	F	1	0	0	0	0	0	0	0	1
duk	P	1	0	0	0	0	0	0	0	1
dus	A	0	1	0	0	0	0	0	0	1
duχt	P	1	0	0	0	0	0	0	0	1
fäf	A	0	0	1	0	0	0	0	0	1
fähm	A	1	0	0	0	0	0	0	0	1
fäj	A	1	0	0	0	0	0	0	0	1
fäls	A	1	0	0	0	0	0	0	0	1
fäng	P	0	1	0	0	0	0	0	0	1
fänj	P	0	1	0	0	0	0	0	0	1
fäGr	A	1	0	0	0	0	0	0	0	1
färs	A	1	0	0	0	0	0	0	0	1
fär?	A	1	0	0	0	0	0	0	0	1
färd	A	1	0	0	0	0	0	0	0	1
färj	A	1	0	0	0	0	0	0	0	1
färG	A	1	0	0	0	0	0	0	0	1
färt	A	1	0	0	0	0	0	0	0	1
färz	A	1	0	0	0	0	0	0	0	1
fäsl	A	1	0	0	0	0	0	0	0	1
fäsχ	A	1	0	0	0	0	0	0	0	1
fäth	A	1	0	0	0	0	0	0	0	1
fätG	A	1	0	0	0	0	0	0	0	1
fäχ	A	0	1	0	0	0	0	0	0	1
fäχr	A	1	0	0	0	0	0	0	0	1
fäy	A	1	0	0	0	0	0	0	0	1
fäzl	A	1	0	0	0	0	0	0	0	1
fah	A	0	1	0	0	0	0	0	0	1
fak	A	0	1	0	0	0	0	0	0	1
falt	F	0	1	0	0	0	0	0	0	1
fars	P	1	0	0	0	0	0	0	0	1
faž	F	0	1	0	0	0	0	0	0	1
faχ	P*	1	0	0	0	0	0	0	0	1
feš	P	1	0	0	0	0	0	0	0	1
fed	A	1	0	0	0	0	0	0	0	1
feh	P	1	0	0	0	0	0	0	0	1
fekr	A	1	0	0	0	0	0	0	0	1
feGh	A	1	0	0	0	0	0	0	0	1
fes	F	1	0	0	0	0	0	0	0	1
fesG	A	1	0	0	0	0	0	0	0	1
fev	F	1	0	0	0	0	0	0	0	1
fey	A	0	1	0	0	0	0	0	0	1
feyl	A	0	1	0	0	0	0	0	0	1
feyn	A	0	0	1	0	0	0	0	0	1
fiš	F	1	0	0	0	0	0	0	0	1
fibr	F	1	0	0	0	0	0	0	0	1
fis	A	0	1	0	0	0	0	0	0	1
fo?	A	0	0	1	0	0	0	0	0	1
fohš	A	1	0	0	0	0	0	0	0	1
foj	A	1	0	0	0	0	0	0	0	1
fok	F	1	0	0	0	0	0	0	0	1
fors	F	1	0	0	0	0	0	0	0	1
fos	A	0	0	1	0	0	0	0	0	1

jäbr	A	1	0	0	0	0	0	0	1	käsb	A	1	0	0	0	0	0	0	1
jähl	A	1	0	0	0	0	0	0	1	käsr	A	1	0	0	0	0	0	0	1
jähr	A	1	0	0	0	0	0	0	1	käž	P	1	0	0	0	0	0	0	1
jälb	A	1	0	0	0	0	0	0	1	kašt	P	1	0	0	0	0	0	0	1
jäld	A	1	0	0	0	0	0	0	1	kabl	F	1	0	0	0	0	0	0	1
jälG	A	1	0	0	0	0	0	0	1	kad	F	0	1	0	0	0	0	0	1
jäm?	A	1	0	0	0	0	0	0	1	kadr	F	1	0	0	0	0	0	0	1
jänb	A	1	0	0	0	0	0	0	1	kaj	P	1	0	0	0	0	0	0	1
järh	A	1	0	0	0	0	0	0	1	kard	P	1	0	0	0	0	0	0	1
jäst	P	1	0	0	0	0	0	0	1	kart	F	1	0	0	0	0	0	0	1
jäzb	A	1	0	0	0	0	0	0	1	kast	P	1	0	0	0	0	0	0	1
jäzm	A	1	0	0	0	0	0	0	1	kaž	P	1	0	0	0	0	0	0	1
jäzr	A	1	0	0	0	0	0	0	1	kebr	A	1	0	0	0	0	0	0	1
jah	A	1	0	0	0	0	0	0	1	ked	A	0	1	0	0	0	0	0	1
ješk	P	0	1	0	0	0	0	0	1	kef	A	0	0	1	0	0	0	0	1
jeld	A	1	0	0	0	0	0	0	1	kelk	P	1	0	0	0	0	0	0	1
jelf	A	1	0	0	0	0	0	0	1	kerd	P	1	0	0	0	0	0	0	1
jens	A	1	0	0	0	0	0	0	1	kerm	P	1	0	0	0	0	0	0	1
jeG	P	1	0	0	0	0	0	0	1	kesr	F	0	1	0	0	0	0	0	1
jerz	P	1	0	0	0	0	0	0	1	ketf	A	1	0	0	0	0	0	0	1
jesm	A	1	0	0	0	0	0	0	1	keyd	A	1	0	0	0	0	0	0	1
jet	E	1	0	0	0	0	0	0	1	keyf	A	1	0	0	0	0	0	0	1
ĵey	T	1	0	0	0	0	0	0	1	keyk	E	1	0	0	0	0	0	0	1
ĵip	E	1	0	0	0	0	0	0	1	keyl	A	1	0	0	0	0	0	0	1
ĵiG	P	1	0	0	0	0	0	0	1	kez	A	0	0	1	0	0	0	0	1
ĵiy	A	0	0	1	0	0	0	0	1	kezb	A	1	0	0	0	0	0	0	1
jobn	A	1	0	0	0	0	0	0	1	kib	A	0	1	0	0	0	0	0	1
jod	A	0	0	1	0	0	0	0	1	kif	P	1	0	0	0	0	0	0	1
joh	A	0	0	1	0	0	0	0	1	kir	A	0	1	0	0	0	0	0	1
jong	H	1	0	0	0	0	0	0	1	kis	P	1	0	0	0	0	0	0	1
joGd	P	1	0	0	0	0	0	0	1	kiy	A	0	0	1	0	0	0	0	1
jorm	A	1	0	0	0	0	0	0	1	košt	P	1	0	0	0	0	0	0	1
joz?	A	1	0	0	0	0	0	0	1	kob	A	1	0	0	0	0	0	0	1
juh	A	0	1	0	0	0	0	0	1	kod	F	1	0	0	0	0	0	0	1
ĵuj	A	0	1	0	0	0	0	0	1	kofr	A	1	0	0	0	0	0	0	1
ĵul	A	0	1	0	0	0	0	0	1	koh	P	1	0	0	0	0	0	0	1
ĵuG	T	0	1	0	0	0	0	0	1	kolt	E	1	0	0	0	0	0	0	1
jus	A	0	1	0	0	0	0	0	1	kond	P	1	0	0	0	0	0	0	1
juz	A	0	1	0	0	0	0	0	1	konh	A	1	0	0	0	0	0	0	1
käšf	A	1	0	0	0	0	0	0	1	korč	P	1	0	0	0	0	0	0	1
käšk	P	1	0	0	0	0	0	0	1	kork	P	1	0	0	0	0	0	0	1
käbk	P	1	0	0	0	0	0	0	1	kort	F	0	1	0	0	0	0	0	1
kämp	F	1	0	0	0	0	0	0	1	kušk	P	1	0	0	0	0	0	0	1
kärt	P	1	0	0	0	0	0	0	1	ku?	A	0	1	0	0	0	0	0	1

kuč	P	1	0	0	0	0	0	0	1	loft	P	0	1	0	0	0	0	0	1
kuft	P	0	1	0	0	0	0	0	1	log	F	0	0	1	0	0	0	0	1
kum	A	0	1	0	0	0	0	0	1	lomb	F	0	1	0	0	0	0	0	1
kun	A	0	1	0	0	0	0	0	1	lond	P	0	1	0	0	0	0	0	1
kurs	F	1	0	0	0	0	0	0	1	long	P	1	0	0	0	0	0	0	1
kuž	P	1	0	0	0	0	0	0	1	lop	P	1	0	0	0	0	0	0	1
kuχ	P	1	0	0	0	0	0	0	1	lord	F	1	0	0	0	0	0	0	1
kuy	P	1	0	0	0	0	0	0	1	lotf	A	1	0	0	0	0	0	0	1
laš	P	1	0	0	0	0	0	0	1	lož	F	1	0	0	0	0	0	0	1
läʔl	A	1	0	0	0	0	0	0	1	loχt	P	1	0	0	0	0	0	0	1
läʔn	A	1	0	0	0	0	0	0	1	luč	P	1	0	0	0	0	0	0	1
läfz	A	1	0	0	0	0	0	0	1	luf	F	0	1	0	0	0	0	0	1
lähn	A	1	0	0	0	0	0	0	1	luj	A	0	1	0	0	0	0	0	1
lähv	A	1	0	0	0	0	0	0	1	luks	F	1	0	0	0	0	0	0	1
läms	A	1	0	0	0	0	0	0	1	lun	P	0	1	0	0	0	0	0	1
länd	P	0	1	0	0	0	0	0	1	lup	F	0	1	0	0	0	0	0	1
läp	P	1	0	0	0	0	0	0	1	luχ	P	0	1	0	0	0	0	0	1
läGv	A	1	0	0	0	0	0	0	1	luz	F	0	1	0	0	0	0	0	1
lärm	P	0	1	0	0	0	0	0	1	mäšg	P	1	0	0	0	0	0	0	1
läst	A	0	1	0	0	0	0	0	1	mäšG	A	1	0	0	0	0	0	0	1
läy	A	0	1	0	0	0	0	0	1	mäšy	A	1	0	0	0	0	0	0	1
läyh	A	0	1	0	0	0	0	0	1	mädh	A	1	0	0	0	0	0	0	1
lamp	F	1	0	0	0	0	0	0	1	mähd	A	1	0	0	0	0	0	0	1
lask	F	0	1	0	0	0	0	0	1	mähr	A	1	0	0	0	0	0	0	1
lay	P	1	0	0	0	0	0	0	1	mähv	A	1	0	0	0	0	0	0	1
layd	F	0	1	0	0	0	0	0	1	mähz	A	1	0	0	0	0	0	0	1
lej	F	0	1	0	0	0	0	0	1	mäjd	A	1	0	0	0	0	0	0	1
leng	P	1	0	0	0	0	0	0	1	mäkr	A	1	0	0	0	0	0	0	1
lenj	P	1	0	0	0	0	0	0	1	mäks	A	1	0	0	0	0	0	0	1
lent	E	1	0	0	0	0	0	0	1	mänʔ	A	1	0	0	0	0	0	0	1
lesm	G	0	1	0	0	0	0	0	1	mäng	P	1	0	0	0	0	0	0	1
lež	F	1	0	0	0	0	0	0	1	mäGz	P	1	0	0	0	0	0	0	1
leyn	A	0	1	0	0	0	0	0	1	märG	P	1	0	0	0	0	0	0	1
libr	F	0	1	0	0	0	0	0	1	mäsh	A	1	0	0	0	0	0	0	1
lič	P	1	0	0	0	0	0	0	1	mäst	P	1	0	0	0	0	0	0	1
lih	A	0	1	0	0	0	0	0	1	mäsχ	A	1	0	0	0	0	0	0	1
lij	A	0	1	0	0	0	0	0	1	mätn	A	1	0	0	0	0	0	0	1
lir	P	0	1	0	0	0	0	0	1	marš	F	1	0	0	0	0	0	0	1
lism	F	0	0	1	0	0	0	0	1	mark	F	1	0	0	0	0	0	0	1
lit	F	0	1	0	0	0	0	0	1	mars	F	1	0	0	0	0	0	0	1
litr	F	1	0	0	0	0	0	0	1	mask	F	1	0	0	0	0	0	0	1
loš	F	0	1	0	0	0	0	0	1	mast	P	1	0	0	0	0	0	0	1
loʔ	A	1	0	0	0	0	0	0	1	mef	A	1	0	0	0	0	0	0	1
lod	A	0	0	1	0	0	0	0	1	mej	A	0	1	0	0	0	0	0	1

melh	A	1	0	0	0	0	0	0	1
melk	A	1	0	0	0	0	0	0	1
mem	A	0	0	1	0	0	0	0	1
mesl	A	1	0	0	0	0	0	0	1
metr	F	1	0	0	0	0	0	0	1
meχ	A	0	1	0	0	0	0	0	1
meyl	A	1	0	0	0	0	0	0	1
miš	P	1	0	0	0	0	0	0	1
mit	F	0	0	1	0	0	0	0	1
mobl	F	1	0	0	0	0	0	0	1
moč	P	1	0	0	0	0	0	0	1
moft	P	1	0	0	0	0	0	0	1
mohr	P	1	0	0	0	0	0	0	1
molk	A	1	0	0	0	0	0	0	1
mov	A	0	1	0	0	0	0	0	1
moχt	P	0	1	0	0	0	0	0	1
mozd	P	1	0	0	0	0	0	0	1
mut	F	0	1	0	0	0	0	0	1
muχ	P	0	1	0	0	0	0	0	1
nāš	A	1	0	0	0	0	0	0	1
nāšr	A	1	0	0	0	0	0	0	1
nāšt	A	1	0	0	0	0	0	0	1
nāšv	A	1	0	0	0	0	0	0	1
nāʔš	A	1	0	0	0	0	0	0	1
nāʔt	A	1	0	0	0	0	0	0	1
nābš	A	1	0	0	0	0	0	0	1
nābz	A	1	0	0	0	0	0	0	1
nāfš	P	0	1	0	0	0	0	0	1
nāfʔ	A	1	0	0	0	0	0	0	1
nāfs	A	1	0	0	0	0	0	0	1
nāft	F	1	0	0	0	0	0	0	1
nāfχ	A	1	0	0	0	0	0	0	1
nāfy	A	1	0	0	0	0	0	0	1
nāg	T	0	0	1	0	0	0	0	1
nāh	A	1	0	0	0	0	0	0	1
nāhl	A	1	0	0	0	0	0	0	1
nāhr	A	1	0	0	0	0	0	0	1
nāhs	A	1	0	0	0	0	0	0	1
nāhv	A	1	0	0	0	0	0	0	1
nāhy	A	1	0	0	0	0	0	0	1
nāj̄m	A	1	0	0	0	0	0	0	1
nānd	P	0	1	0	0	0	0	0	1
nāng	P	1	0	0	0	0	0	0	1
nāGb	A	1	0	0	0	0	0	0	1
nāGd	A	1	0	0	0	0	0	0	1
nāGl	A	1	0	0	0	0	0	0	1
nāGs	A	1	0	0	0	0	0	0	1
nāGz	A	1	0	0	0	0	0	0	1
nārm	P	1	0	0	0	0	0	0	1
nāsb	A	1	0	0	0	0	0	0	1
nās̄j	A	1	0	0	0	0	0	0	1
nāsl	A	1	0	0	0	0	0	0	1
nāsr	A	1	0	0	0	0	0	0	1
nāsχ	A	1	0	0	0	0	0	0	1
nāχl	A	1	0	0	0	0	0	0	1
nāzd	P	1	0	0	0	0	0	0	1
nāzm	A	1	0	0	0	0	0	0	1
nāzr	A	1	0	0	0	0	0	0	1
naš	P	1	0	0	0	0	0	0	1
naĵ	P	0	0	1	0	0	0	0	1
naχ	P	0	0	1	0	0	0	0	1
neh	A	1	0	0	0	0	0	0	1
nek	A	1	0	0	0	0	0	0	1
nen	A	0	0	1	0	0	0	0	1
neG	A	1	0	0	0	0	0	0	1
ners	F	1	0	0	0	0	0	0	1
nerχ	P	1	0	0	0	0	0	0	1
nesf	A	1	0	0	0	0	0	0	1
net	F	0	1	0	0	0	0	0	1
neχ	A	1	0	0	0	0	0	0	1
neyl	A	1	0	0	0	0	0	0	1
nez	F	0	1	0	0	0	0	0	1
niG	A	0	0	1	0	0	0	0	1
nism	F	0	0	1	0	0	0	0	1
nist	P	1	0	0	0	0	0	0	1
niχ	P	0	1	0	0	0	0	0	1
noš	P	1	0	0	0	0	0	0	1
noh	P	1	0	0	0	0	0	0	1
noj	A	0	0	1	0	0	0	0	1
noGl	A	1	0	0	0	0	0	0	1
notG	A	1	0	0	0	0	0	0	1
novr	F	0	1	0	0	0	0	0	1
noχ	A	1	0	0	0	0	0	0	1
noz̄j	A	1	0	0	0	0	0	0	1
pāsm	P	1	0	0	0	0	0	0	1
pāhn	P	1	0	0	0	0	0	0	1
pāl	A	0	1	0	0	0	0	0	1
pānj	P	1	0	0	0	0	0	0	1

rä?y	A	1	0	0	0	0	0	0	1
räbt	A	1	0	0	0	0	0	0	1
räfs	P	0	1	0	0	0	0	0	1
räf?	A	1	0	0	0	0	0	0	1
räfs	A	0	1	0	0	0	0	0	1
rähm	A	1	0	0	0	0	0	0	1
räj m	A	1	0	0	0	0	0	0	1
räml	A	1	0	0	0	0	0	0	1
rämz	A	1	0	0	0	0	0	0	1
räGs	A	1	0	0	0	0	0	0	1
räsm	A	1	0	0	0	0	0	0	1
rätl	A	1	0	0	0	0	0	0	1
rätG	A	1	0	0	0	0	0	0	1
räv	A	0	1	0	0	0	0	0	1
räxs	P	0	1	0	0	0	0	0	1
räy	A	0	1	0	0	0	0	0	1
ra?	A	0	1	0	0	0	0	0	1
rag	F	0	1	0	0	0	0	0	1
rakt	F	0	0	1	0	0	0	0	1
rešk	P	0	1	0	0	0	0	0	1
rebh	A	1	0	0	0	0	0	0	1
regl	F	1	0	0	0	0	0	0	1
rel	F	0	1	0	0	0	0	0	1
rend	P	1	0	0	0	0	0	0	1
reng	P	0	1	0	0	0	0	0	1
rer	A	0	0	0	1	0	0	0	1
rest	P	0	1	0	0	0	0	0	1
rext	P	0	1	0	0	0	0	0	1
rey	A	1	0	0	0	0	0	0	1
reyl	E	1	0	0	0	0	0	0	1
rezG	A	1	0	0	0	0	0	0	1
ri j	A	0	1	0	0	0	0	0	1
ring	F	1	0	0	0	0	0	0	1
risk	F	1	0	0	0	0	0	0	1
rism	F	0	0	1	0	0	0	0	1
rist	F	0	0	1	0	0	0	0	1
riv	P	0	1	0	0	0	0	0	1
rixt	P	1	0	0	0	0	0	0	1
rošd	A	1	0	0	0	0	0	0	1
ro?b	A	1	0	0	0	0	0	0	1
rob?	A	1	0	0	0	0	0	0	1
rokn	A	1	0	0	0	0	0	0	1
rot	A	1	0	0	0	0	0	0	1
rov	A	0	1	0	0	0	0	0	1
ruk	A	0	1	0	0	0	0	0	1
rum	A	0	1	0	0	0	0	0	1
sä?	A	0	0	1	0	0	0	0	1
sä?d	A	1	0	0	0	0	0	0	1
säbk	A	1	0	0	0	0	0	0	1
säbr	A	1	0	0	0	0	0	0	1
säbt	A	1	0	0	0	0	0	0	1
säbz	P	1	0	0	0	0	0	0	1
sädr	A	1	0	0	0	0	0	0	1
säg	P	1	0	0	0	0	0	0	1
sähl	A	1	0	0	0	0	0	0	1
sähn	A	1	0	0	0	0	0	0	1
sähv	A	1	0	0	0	0	0	0	1
säj?	A	1	0	0	0	0	0	0	1
sälb	A	1	0	0	0	0	0	0	1
säm?	A	1	0	0	0	0	0	0	1
sämt	A	1	0	0	0	0	0	0	1
säGf	A	1	0	0	0	0	0	0	1
sär?	A	1	0	0	0	0	0	0	1
särd	P	1	0	0	0	0	0	0	1
särf	A	1	0	0	0	0	0	0	1
säth	A	1	0	0	0	0	0	0	1
sätl	A	1	0	0	0	0	0	0	1
sätr	A	1	0	0	0	0	0	0	1
sa?	A	0	0	1	0	0	0	0	1
sač	T	1	0	0	0	0	0	0	1
samr	F	0	1	0	0	0	0	0	1
sans	F	0	1	0	0	0	0	0	1
sant	F	1	0	0	0	0	0	0	1
seš	P	0	1	0	0	0	0	0	1
se?	A	0	1	0	0	0	0	0	1
sebt	A	1	0	0	0	0	0	0	1
sedG	A	1	0	0	0	0	0	0	1
sedr	A	1	0	0	0	0	0	0	1
sefr	A	1	0	0	0	0	0	0	1
seft	P	1	0	0	0	0	0	0	1
sehr	A	1	0	0	0	0	0	0	1
self	F	1	0	0	0	0	0	0	1
selk	A	1	0	0	0	0	0	0	1
senx	A	1	0	0	0	0	0	0	1
sep	F	1	0	0	0	0	0	0	1
seGl	A	1	0	0	0	0	0	0	1
seGt	A	1	0	0	0	0	0	0	1
serf	A	1	0	0	0	0	0	0	1

vāj	A	1	0	0	0	0	0	0	1
vāj	h	A	1	0	0	0	0	0	1
vāng	P	0	1	0	0	0	0	0	1
vāG?	A	1	0	0	0	0	0	0	1
vāGf	A	1	0	0	0	0	0	0	1
vāsl	A	1	0	0	0	0	0	0	1
vāst	P	0	1	0	0	0	0	0	1
vāχ	P	0	1	0	0	0	0	0	1
vāz?	A	1	0	0	0	0	0	0	1
va?	A	0	1	0	0	0	0	0	1
vaf	A	0	1	0	0	0	0	0	1
vaks	R	1	0	0	0	0	0	0	1
vamr	F	0	1	0	0	0	0	0	1
vans	F	0	1	0	0	0	0	0	1
vaz	P	1	0	0	0	0	0	0	1
vaχ	P	0	1	0	0	0	0	0	1
vaχt	P	0	1	0	0	0	0	0	1
veb	A	0	0	0	1	0	0	0	1
ved	A	0	0	1	0	0	0	0	1
vef	A	0	0	0	1	0	0	0	1
vefG	A	1	0	0	0	0	0	0	1
ven	A	0	0	1	0	0	0	0	1
veG	A	0	0	1	0	0	0	0	1
verd	A	1	0	0	0	0	0	0	1
vers	F	0	0	1	0	0	0	0	1
ves	P	0	1	0	0	0	0	0	1
vet	A	0	0	0	1	0	0	0	1
veyl	A	0	1	0	0	0	0	0	1
vezr	A	1	0	0	0	0	0	0	1
vib	A	0	1	0	0	0	0	0	1
vič	E	0	0	1	0	0	0	0	1
vih	A	0	1	0	0	0	0	0	1
vim	A	0	1	0	0	0	0	0	1
vist	P	0	1	0	0	0	0	0	1
viχ	P	0	1	0	0	0	0	0	1
voš	P	0	0	1	0	0	0	0	1
vob	A	0	0	1	0	0	0	0	1
vof	A	0	0	1	0	0	0	0	1
voG	A	0	0	1	0	0	0	0	1
vord	P	0	0	1	0	0	0	0	1
vos?	A	1	0	0	0	0	0	0	1
vot	A	0	0	1	0	0	0	0	1
voz	A	0	0	1	0	0	0	0	1
vuš	T	0	1	0	0	0	0	0	1
vus	A	0	1	0	0	0	0	0	1
žām	P	0	1	0	0	0	0	0	1
žānd	P	0	1	0	0	0	0	0	1
žārf	P	1	0	0	0	0	0	0	1
žad	P	0	1	0	0	0	0	0	1
žans	F	0	1	0	0	0	0	0	1
žaz	P	1	0	0	0	0	0	0	1
žek	F	0	0	1	0	0	0	0	1
žo	F	1	0	0	0	0	0	0	1
žuh	P	0	0	0	1	0	0	0	1
χāš	P	1	0	0	0	0	0	0	1
χābt	A	1	0	0	0	0	0	0	1
χāf	A	0	1	0	0	0	0	0	1
χāl?	A	1	0	0	0	0	0	0	1
χālG	A	1	0	0	0	0	0	0	1
χālt	A	1	0	0	0	0	0	0	1
χāmr	A	1	0	0	0	0	0	0	1
χārj	A	1	0	0	0	0	0	0	1
χāsm	A	1	0	0	0	0	0	0	1
χātm	A	1	0	0	0	0	0	0	1
χa?	A	0	1	0	0	0	0	0	1
χark	P	1	0	0	0	0	0	0	1
χat	A	0	1	0	0	0	0	0	1
χaz	A	0	0	1	0	0	0	0	1
χeš	P	1	0	0	0	0	0	0	1
χešt	P	1	0	0	0	0	0	0	1
χeb	A	1	0	0	0	0	0	0	1
χed	A	1	0	0	0	0	0	0	1
χef	A	1	0	0	0	0	0	0	1
χej	A	1	0	0	0	0	0	0	1
χelt	A	1	0	0	0	0	0	0	1
χeng	P	1	0	0	0	0	0	0	1
χers	P	1	0	0	0	0	0	0	1
χet	A	1	0	0	0	0	0	0	1
χeyl	A	1	0	0	0	0	0	0	1
χeyr	A	1	0	0	0	0	0	0	1
χif	A	0	1	0	0	0	0	0	1
χik	P	1	0	0	0	0	0	0	1
χin	A	0	1	0	0	0	0	0	1
χob	A	1	0	0	0	0	0	0	1
χobs	A	1	0	0	0	0	0	0	1
χol	A	0	0	1	0	0	0	0	1
χold	A	1	0	0	0	0	0	0	1
χolG	A	1	0	0	0	0	0	0	1

χoms A	1	0	0	0	0	0	0	1	zäʔm A	1	0	0	0	0	0	0	1
χosr A	1	0	0	0	0	0	0	1	zäbt A	1	0	0	0	0	0	0	1
χot A	1	0	0	0	0	0	0	1	zäj̄r A	1	0	0	0	0	0	0	1
χov A	0	1	0	0	0	0	0	1	zänb A	1	0	0	0	0	0	0	1
χoy P	1	0	0	0	0	0	0	1	zäng P	1	0	0	0	0	0	0	1
χub P	1	0	0	0	0	0	0	1	zäG A	0	1	0	0	0	0	0	1
χuf A	0	1	0	0	0	0	0	1	zärʔ A	1	0	0	0	0	0	0	1
χund P	0	1	0	0	0	0	0	1	zärb A	1	0	0	0	0	0	0	1
χur A	0	1	0	0	0	0	0	1	zärf A	1	0	0	0	0	0	0	1
yäs̄ P	1	0	0	0	0	0	0	1	zärG A	1	0	0	0	0	0	0	1
yäsm̄ P	1	0	0	0	0	0	0	1	zärv P	0	1	0	0	0	0	0	1
yäʔs̄ A	1	0	0	0	0	0	0	1	zäv A	0	1	0	0	0	0	0	1
yäh A	0	1	0	0	0	0	0	1	zäχm̄ P	1	0	0	0	0	0	0	1
yänd P	0	0	1	0	0	0	0	1	zäz A	0	0	1	0	0	0	0	1
yäG P	1	0	0	0	0	0	0	1	zaš P	0	1	0	0	0	0	0	1
yäs̄ A	0	1	0	0	0	0	0	1	zak P	0	1	0	0	0	0	0	1
yaš̄ A	0	1	0	0	0	0	0	1	zay P	1	0	0	0	0	0	0	1
yaʔ A	0	0	1	0	0	0	0	1	zebh A	1	0	0	0	0	0	0	1
yaĵ A	0	0	1	0	0	0	0	1	zebr P	1	0	0	0	0	0	0	1
yaž̄ F	0	1	0	0	0	0	0	1	zehn A	1	0	0	0	0	0	0	1
yaχ P	1	0	0	0	0	0	0	1	zekr A	1	0	0	0	0	0	0	1
yeχ A	0	0	1	0	0	0	0	1	zelʔ A	1	0	0	0	0	0	0	1
yey T	1	0	0	0	0	0	0	1	zemn A	1	0	0	0	0	0	0	1
yid A	0	1	0	0	0	0	0	1	zent F	0	0	1	0	0	0	0	1
yij̄ A	0	1	0	0	0	0	0	1	zeyf A	1	0	0	0	0	0	0	1
yiG A	0	1	0	0	0	0	0	1	zeyl A	1	0	0	0	0	0	0	1
yir A	0	1	0	0	0	0	0	1	ziʔ A	0	1	0	0	0	0	0	1
yit F	0	0	1	0	0	0	0	1	zid A	0	1	0	0	0	0	0	1
yoʔ A	0	0	1	0	0	0	0	1	ziG A	1	0	0	0	0	0	0	1
yobs A	1	0	0	0	0	0	0	1	zist P	1	0	0	0	0	0	0	1
yog F	0	1	0	0	0	0	0	1	zohd A	1	0	0	0	0	0	0	1
yomn A	1	0	0	0	0	0	0	1	zohr A	1	0	0	0	0	0	0	1
yort T	1	0	0	0	0	0	0	1	zok P	0	1	0	0	0	0	0	1
yosk F	0	1	0	0	0	0	0	1	zolf P	1	0	0	0	0	0	0	1
yoz A	0	0	1	0	0	0	0	1	zolm A	1	0	0	0	0	0	0	1
yuʔ A	0	1	0	0	0	0	0	1	zoG A	1	0	0	0	0	0	0	1
yul T	0	1	0	0	0	0	0	1	zov A	1	0	0	0	0	0	0	1
yuG P	1	0	0	0	0	0	0	1	zuf A	0	1	0	0	0	0	0	1
yus A	0	1	0	0	0	0	0	1	zuh A	0	1	0	0	0	0	0	1
yuχ A	0	1	0	0	0	0	0	1	zuĵ A	0	1	0	0	0	0	0	1
zäʔf A	1	0	0	0	0	0	0	1	zuz A	0	1	0	0	0	0	0	1

Basic syllables	P1	P2	P3	P4	P5	P6	P7	Total no. of syllables
2701	10175	9005	4181	706	55	12	1	24135

Appendix 6: Frequency of consonants in CVC syllables in the DBS, with regard to the structure of the nucleus

	ä		a		e		o		i		u	
	Onset	Coda	Onset	Coda	Onset	Coda	Onset	Coda	Onset	Coda	Onset	Coda
p	11	4	12	3	9	1	9	2	9	5	9	3
b	17	17	18	17	14	15	14	14	14	13	14	16
t	20	20	17	20	16	14	17	12	15	11	16	13
d	17	19	18	21	13	19	15	15	17	16	13	16
k	17	21	16	16	13	11	11	14	11	15	17	7
g	10	3	9	2	5	1	9	3	7	2	7	1
ɟ	17	16	14	18	13	17	12	17	12	15	11	9
ʔ	20	17	18	16	19	15	18	14	8	11	9	13
č	10	2	11	2	5	1	2	1	5	4	1	3
ǰ	13	12	13	15	14	9	11	8	12	7	14	5
f	14	16	16	15	13	15	10	16	12	14	8	12
v	16	14	17	6	14	2	12	11	16	3	2	0
s	18	21	18	17	18	19	12	17	17	18	16	18
z	16	18	16	18	12	16	10	14	15	16	11	15
š	17	17	16	19	11	22	11	15	10	12	10	13
ž	1	3	3	9	2	5	1	2	3	2	1	2
χ	13	16	12	14	11	8	12	8	9	7	7	9
h	16	20	15	21	15	15	12	11	15	12	10	8
r	17	20	21	23	17	22	17	22	20	21	17	19
l	20	20	19	22	18	22	18	21	16	19	16	17
m	19	19	13	20	16	15	20	20	14	17	11	13
n	18	22	19	23	15	19	16	18	13	21	9	18
y	13	13	18	12	18	18	7	1	8	17	9	8
Total	350	350	349	349	301	301	276	276	278	278	238	238

Appendix 7: Frequency of consonants in CVC syllables in the DPS, with regard to the structure of the nucleus

	ä		a		e		o		i		u	
	Onset	Coda	Onset	Coda	Onset	Coda	Onset	Coda	Onset	Coda	Onset	Coda
p	10	4	9	1	8	0	6	2	7	1	8	1
b	12	7	16	12	7	1	8	2	7	5	8	6
t	12	6	11	4	5	1	7	3	7	1	9	5
d	10	9	13	12	7	3	9	5	9	9	9	11
k	15	21	11	13	7	4	9	5	4	5	13	5
g	10	2	7	1	5	0	9	0	7	2	7	1
g	6	4	6	6	5	3	3	4	1	4	4	4
ʔ	12	1	11	0	6	0	5	0	3	0	0	0
č	9	2	8	0	5	1	1	1	3	3	1	3
ǰ	5	2	6	9	4	1	8	0	6	4	3	1
f	5	9	4	8	4	3	0	10	3	4	1	2
v	7	0	12	5	5	1	3	1	8	3	0	0
s	11	18	7	15	5	14	5	8	8	11	9	7
z	7	8	11	11	4	3	3	6	4	13	3	9
š	9	11	12	15	5	22	7	12	7	10	4	11
ž	1	3	2	3	0	4	0	1	1	1	1	2
χ	7	12	9	13	3	1	8	5	5	7	4	7
h	7	12	7	16	11	10	5	3	8	1	4	6
r	10	19	15	21	6	11	6	15	12	15	13	14
l	11	12	16	19	4	8	3	9	6	9	7	6
m	6	13	11	14	4	4	7	12	7	7	7	2
n	8	22	14	22	4	10	4	11	8	18	5	12
y	7	0	12	10	3	12	0	1	2	0	3	8
Total	197	197	230	230	117	117	116	116	133	133	123	123

Appendix 8: Frequency of consonants in CVCC syllables in the DBS, with regard to the structure of the nucleus

	ä			a			e			o			i			u		
	Onset	C ₁	C ₂	Onset	C ₁	C ₂	Onset	C ₁	C ₂	Onset	C ₁	C ₂	Onset	C ₁	C ₂	Onset	C ₁	C ₂
p	8	0	1	4	0	1	5	0	0	8	0	1	1	0	0	2	0	0
b	24	24	17	6	2	0	3	7	3	9	8	11	0	3	0	1	1	0
t	21	18	40	4	1	20	7	3	21	7	5	23	0	1	9	0	0	7
d	15	8	42	6	1	7	5	2	7	2	1	18	1	0	0	3	1	1
k	10	4	8	6	2	7	12	4	12	10	5	6	0	0	1	3	1	2
g	8	0	19	1	0	2	2	1	3	6	0	5	0	0	3	1	0	0
ŋ	22	18	14	1	0	0	6	3	7	9	5	5	0	0	0	0	0	0
ʔ	25	20	20	2	0	0	10	2	2	10	2	4	1	0	0	0	0	0
č	9	0	1	1	0	2	3	0	0	1	0	1	0	0	0	0	0	0
ǰ	17	11	11	0	0	0	6	2	3	6	2	3	0	0	0	0	0	0
f	20	17	14	2	2	0	6	6	9	3	8	4	2	0	0	0	1	0
v	19	0	12	4	0	0	6	0	1	2	1	1	1	0	0	0	0	0
s	26	35	20	4	7	11	17	12	8	9	9	10	2	12	0	3	3	3
z	17	18	21	0	0	1	11	5	4	5	7	5	1	0	0	0	0	0
š	13	22	12	2	3	1	7	12	2	4	7	2	1	0	0	0	2	0
ž	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
χ	10	15	7	2	6	0	6	1	3	8	6	1	0	1	0	1	2	0
h	24	35	9	0	0	0	8	5	5	6	5	4	0	0	0	0	0	0
r	25	74	43	3	17	5	11	20	22	7	35	12	5	0	3	0	3	1
l	13	17	28	4	1	2	5	12	16	7	9	6	4	1	1	1	0	1
m	23	16	32	5	5	1	6	2	9	8	9	8	0	0	4	0	0	0
n	39	40	15	1	13	0	4	12	10	4	11	5	2	3	0	0	1	0
y	3	1	7	2	1	0	1	36	0	4	0	0	0	0	0	0	0	0
Total	393	393	393	61	61	61	147	147	147	135	135	135	21	21	21	15	15	15

Appendix 9: Syllable internal CC clusters of CVCC syllables of the DBS

st	33	kr	6	lm	4	rʎ	3	jd	2	šd	1	ǰʔ	1	tʔ	1
ng	26	lG	6	mʔ	4	sʎ	3	kl	2	šf	1	ǰh	1	tb	1
rd	26	rǰ	6	rš	4	tf	3	lh	2	šg	1	ǰv	1	ty	1
št	22	sb	6	rʔ	4	tl	3	ls	2	šn	1	ǰz	1	vr	1
nd	22	sl	6	rč	4	tG	3	mb	2	šv	1	km	1	ʎz	1
rs	17	yn	6	yf	4	ʎš	3	md	2	šy	1	kn	1	yš	1
ʎt	17	zm	6	yr	4	ʎl	3	ml	2	ʔš	1	kt	1	yʔ	1
ft	15	bh	5	zl	4	ʎm	3	mG	2	ʔb	1	lv	1	yb	1
hr	14	bt	5	šr	3	yd	3	mz	2	ʔf	1	lʎ	1	yh	1
rz	14	hn	5	ʔn	3	zb	3	nʔ	2	ʔt	1	mš	1	ym	1
br	12	ks	5	bs	3	zd	3	nb	2	ʔy	1	mt	1	ys	1
rm	12	lk	5	bz	3	zn	3	nk	2	bš	1	nf	1	yt	1
rt	11	lt	5	fš	3	šG	2	nz	2	bd	1	nh	1	yʎ	1
yl	10	Gl	5	fʔ	3	ʔm	2	Gf	2	bʎ	1	nʎ	1	yz	1
šk	9	rg	5	fr	3	ʔr	2	Gm	2	dh	1	Gš	1	zf	1
nǰ	9	sk	5	ht	3	ʔs	2	Gs	2	dl	1	Gb	1	zǰ	1
ns	9	zr	5	ǰm	3	ʔz	2	Gt	2	dm	1	Gh	1	zG	1
rf	9	šm	4	ld	3	bʔ	2	rn	2	dG	1	Gr	1	zv	1
rk	9	ʔd	4	lf	3	bk	2	sf	2	dv	1	Gv	1	bG	1
sm	9	ʔl	4	mn	3	bn	2	th	2	fn	1	Gy	1	Gʔ	1
rb	8	hd	4	mp	3	ds	2	tk	2	fG	1	rž	1	Total	772
rG	8	hl	4	ms	3	fl	2	tm	2	fv	1	sʔ	1		
sr	8	hm	4	nt	3	fš	2	tn	2	fʎ	1	sd	1		
tr	8	hv	4	Gd	3	hš	2	ʎr	2	fy	1	sh	1		
bl	7	ǰr	4	Gz	3	hs	2	ʎs	2	fz	1	sǰ	1		
mr	7	lʔ	4	rh	3	hy	2	yk	2	gl	1	sn	1		
dr	6	lb	4	rv	3	jb	2	zʔ	2	hz	1	sG	1		

Appendix 10: Medial CC (C-C) clusters

š-š	b-č	d-n	h-f	k-j	m-k	p-t	t-t	χ-g
š-ʔ	b-f	d-p	h-g	k-k	m-m	p-y	t-v	χ-n
š-b	b-g	d-χ	h-h	k-p	m-v	G-ʔ	t-χ	χ-v
š-č	b-j	d-y	h-j	k-v	m-χ	G-č	v-š	χ-χ
š-h	b-p	d-z	h-k	k-y	m-y	G-g	v-d	χ-y
š-j	b-G	f-b	h-p	k-z	n-š	G-j	v-g	y-č
š-l	b-v	f-č	h-G	l-š	n-č	G-n	v-t	y-g
š-p	b-y	f-d	h-χ	l-č	n-l	G-G	v-v	y-p
š-s	č-č	f-f	j-g	l-g	n-m	r-l	ž-b	y-G
š-χ	č-k	f-h	j-j	l-j	n-n	r-p	ž-d	y-v
š-z	č-m	f-k	j-l	l-l	n-p	r-r	ž-g	y-y
ʔ-ʔ	č-p	g-b	j-n	l-n	n-G	r-y	ž-m	Z-g
ʔ-h	d-š	g-č	j-s	l-p	n-r	s-g	ž-p	Z-h
ʔ-j	d-ʔ	g-j	j-t	l-r	n-v	s-p	ž-v	Z-k
ʔ-k	d-b	g-r	k-š	l-y	n-y	s-s	ž-χ	Z-p
ʔ-l	d-d	g-v	k-ʔ	l-z	p-š	s-v	ž-y	Z-t
ʔ-G	d-f	g-z	k-b	m-č	p-g	s-y	χ-b	Z-χ
ʔ-v	d-g	h-ʔ	k-č	m-g	p-l	t-š	χ-č	Z-y
ʔ-χ	d-j	h-b	k-d	m-h	p-p	t-g	χ-d	Z-z
ʔ-z	d-k	h-č	k-f	m-j	p-s	t-s	χ-f	

Appendix 11: Medial CCC (CC-C) clusters

st-g	rd-ʔ	št-z	ng-r	rG-z
st-ʔ	rm-s	ʔr-b	ng-v	rs-m
χt-k	rt-m	bh-d	nj-b	rs-n
št-g	st-b	fš-d	nj-g	rχ-k
št-m	st-n	hm-g	nj-k	rz-b
št-χ	st-p	hm-n	nz-d	rz-g
ng-ʔ	st-r	hr-d	rš-r	rz-y
rd-b	st-χ	hr-g	rd-f	st-š
st-k	st-y	hr-χ	rd-g	st-č
st-m	χt-š	hr-y	rd-k	st-d
šk-b	zm-ʔ	km-f	rd-m	tb-n
šk-s	šm-ʔ	kr-g	rd-n	tr-b
šm-d	šm-č	lf-s	rd-p	χš-d
ʔl-b	šm-g	lm-b	rg-č	χš-n
ft-g	šm-n	nd-k	rg-v	χm-d
hr-b	šm-r	nd-r	rj-m	χt-ʔ
km-r	šn-v	ng-b	rk-t	χt-m
nd-ʔ	št-k	ng-č	rm-g	χt-y
nd-z	št-n	ng-j	rm-j	zm-g
ng-s	št-v	ng-l	rm-k	
		ng-n	rm-n	

Appendix 12: Different combinations of the manner subclasses in the CC clusters of the CVCC syllables of the DBS

Clusters	Existing clusters		Missing clusters		Total	
stop + stops	18	28.13%	46	71.88%	64	100.00%
stops + affricates	0	0.00%	16	100.00%	16	100.00%
Stops + fricatives	21	32.81%	43	67.19%	64	100.00%
stops + liquids	13	81.25%	3	18.75%	16	100.00%
stops + nasals	9	56.25%	7	43.75%	16	100.00%
stops + glide	3	37.50%	5	62.50%	8	100.00%
affricates + stops	3	18.75%	13	81.25%	16	100.00%
affricates + affricates	0	0.00%	4	100.00%	4	100.00%
affricates + fricatives	3	18.75%	13	81.25%	16	100.00%
affricates + liquids	1	25.00%	3	75.00%	4	100.00%
affricates + nasals	1	25.00%	3	75.00%	4	100.00%
affricates + glide	0	0.00%	2	100.00%	2	100.00%
fricatives + stops	21	32.81%	43	67.19%	64	100.00%
fricatives + affricates	2	12.50%	14	87.50%	16	100.00%
fricatives + fricatives	19	29.69%	45	70.31%	64	100.00%
fricatives + liquids	12	75.00%	4	25.00%	16	100.00%
fricatives + nasals	10	62.50%	6	37.50%	16	100.00%
fricatives + glide	3	37.50%	5	62.50%	8	100.00%
liquids + stops	13	81.25%	3	18.75%	16	100.00%
liquids + affricates	2	50.00%	2	50.00%	4	100.00%
liquids + fricatives	13	81.25%	3	18.75%	16	100.00%
liquids + liquids	0	0.00%	4	100.00%	4	100.00%
liquids + nasals	3	75.00%	1	25.00%	4	100.00%
liquids + glide	0	0.00%	2	100.00%	2	100.00%
nasals + stops	12	75.00%	4	25.00%	16	100.00%
nasals + affricates	1	25.00%	3	75.00%	4	100.00%
nasals + fricatives	8	50.00%	8	50.00%	16	100.00%
nasals + liquids	2	50.00%	2	50.00%	4	100.00%
nasals + nasals	1	25.00%	3	75.00%	4	100.00%
nasals + glide	0	0.00%	2	100.00%	2	100.00%
glide + stop	5	62.50%	3	37.50%	8	100.00%
glide + affricates	0	0.00%	2	100.00%	2	100.00%
glide + fricatives	6	75.00%	2	25.00%	8	100.00%
glide + liquids	2	100.00%	0	0.00%	2	100.00%
glide + nasals	2	100.00%	0	0.00%	2	100.00%
glide + glide	0	0.00%	1	100.00%	1	100.00%
Total	209	39.51%	320	60.49%	529	100.00%

Appendix 13: Different combinations of the place classes in the CC clusters of the CVCC syllables of the DBS

Subgroups	Existing clusters		Missing clusters		Total	
labials + labials	3	12.00%	22	88.00%	25	100.00%
labials + dentals	21	60.00%	14	40.00%	35	100.00%
labials + palatals	4	16.00%	21	84.00%	25	100.00%
labials + velars	1	10.00%	9	90.00%	10	100.00%
labials + uvulars	5	50.00%	5	50.00%	10	100.00%
labials + glottals	4	40.00%	6	60.00%	10	100.00%
dentals + labials	22	62.86%	13	37.14%	35	100.00%
dentals + dentals	27	55.10%	22	44.90%	49	100.00%
dentals + palatals	8	22.86%	27	77.14%	35	100.00%
dentals + velars	7	50.00%	7	50.00%	14	100.00%
dentals + uvulars	10	71.43%	4	28.57%	14	100.00%
dentals + glottals	12	85.71%	2	14.29%	14	100.00%
palatals + labials	9	36.00%	16	64.00%	25	100.00%
palatals + dentals	14	40.00%	21	60.00%	35	100.00%
palatals + palatals	2	8.00%	23	92.00%	25	100.00%
palatals + velars	3	30.00%	7	70.00%	10	100.00%
palatals + vulars	2	20.00%	8	80.00%	10	100.00%
palatals + glottals	4	40.00%	6	60.00%	10	100.00%
velars + labials	1	10.00%	9	90.00%	10	100.00%
velars + dentals	6	42.86%	8	57.14%	14	100.00%
velars + palatals	0	0.00%	10	100.00%	10	100.00%
velars + velars	0	0.00%	4	100.00%	4	100.00%
velars + uvulars	0	0.00%	4	100.00%	4	100.00%
velars + glottals	0	0.00%	4	100.00%	4	100.00%
uvulars + labials	5	50.00%	5	50.00%	10	100.00%
uvulars + dentals	11	78.57%	3	21.43%	14	100.00%
uvulars + palatals	3	30.00%	7	70.00%	10	100.00%
uvulars + velars	0	0.00%	4	100.00%	4	100.00%
uvulars + uvulars	0	0.00%	4	100.00%	4	100.00%
uvulars + glottals	2	50.00%	2	50.00%	4	100.00%
glottals + labials	5	50.00%	5	50.00%	10	100.00%
glottals + dentals	14	100.00%	0	0.00%	14	100.00%
glottals + palatals	4	40.00%	6	60.00%	10	100.00%
glottals + velars	0	0.00%	4	100.00%	4	100.00%
glottals + uvulars	0	0.00%	4	100.00%	4	100.00%
glottals + glottals	0	0.00%	4	100.00%	4	100.00%
Total	209	39.51%	320	60.49%	529	100.00%

Appendix 14: Frequency of consonants in CVCC syllables in the DPS, with regard to the structure of the nucleus

	ä			a			e			o			i			u		
	Onset	C ₁	C ₂	Onset	C ₁	C ₂	Onset	C ₁	C ₂	Onset	C ₁	C ₂	Onset	C ₁	C ₂	Onset	C ₁	C ₂
p	8	0	0	3	0	0	4	0	0	5	0	0	0	0	0	0	0	0
b	11	6	4	4	0	0	0	1	0	3	0	2	0	0	0	0	0	0
t	7	1	25	1	0	16	0	0	12	6	1	17	0	0	5	1	0	6
d	7	0	24	3	0	2	1	0	3	2	0	13	0	0	0	2	0	1
k	6	0	4	3	0	1	4	0	8	6	0	4	0	0	0	2	0	2
g	8	0	19	0	0	2	2	0	3	6	0	4	0	0	0	1	0	0
G	1	1	2	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0
ʔ	5	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0
č	9	0	1	1	0	2	3	0	0	1	0	1	0	0	0	0	0	0
ǰ	3	0	6	0	0	0	2	0	3	2	0	2	0	0	0	0	0	0
f	3	5	3	1	2	0	0	3	0	0	6	1	0	0	0	0	1	0
v	6	0	2	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0
s	8	12	3	1	5	2	1	2	1	2	2	1	0	4	0	2	3	0
z	8	4	8	0	0	1	3	0	1	2	2	3	1	0	0	0	0	0
š	4	15	6	0	3	0	1	10	1	1	6	1	0	0	0	0	2	0
ž	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
χ	2	10	2	2	6	0	3	1	1	3	5	1	0	1	0	1	2	0
h	4	4	0	0	0	0	1	3	0	1	1	0	0	0	0	0	0	0
r	11	38	8	1	7	0	7	7	4	3	24	1	1	0	0	0	0	0
l	4	3	0	0	0	0	2	2	0	4	1	0	0	0	0	0	0	0
m	9	0	14	1	0	0	1	1	1	6	0	3	0	0	0	0	0	0
n	6	35	3	1	3	0	1	7	0	0	6	0	1	0	0	0	1	0
y	2	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Total	134	134	134	26	26	26	38	38	38	55	55	55	5	5	5	9	9	9

Appendix 15: Syllable internal CC clusters of CVCC syllables of the DPS

st	25	rm	8	rf	3	sb	2	lt	1	χs	1
ng	22	hr	6	rt	3	zm	2	lχ	1	yk	1
št	21	rs	6	rχ	3	šg	1	mš	1	zn	1
nd	20	br	5	χš	3	šn	1	nz	1	χr	1
rd	19	rg	5	χm	3	bk	1	Gd	1	Total	267
χt	17	šm	4	zd	3	bz	1	Gz	1		
ft	14	rb	4	lk	2	hm	1	rš	1		
rz	10	rč	4	rǰ	2	hn	1	sk	1		
šk	9	rk	4	rG	2	lf	1	tk	1		
nǰ	9	fš	3	rv	2	lg	1	tr	1		