

**Appendix C: Results of the linear mixed model – averaged rime duration
(Experiment 2 – German)**

/aɪ/				
Intercept: 335ms				
Nucleus	rimeID	Est.	t-value	p-value
/a/	/at/	20ms	1.257	0.209370
	/an/	63ms	4.909	< 0.0001 ***
	/al/	13ms	1.009	0.313455
	/ar/	-72ms	-5.708	< 0.0001 ***
/aɪ/	/aɪt/	19ms	1.431	0.153027
	/aɪg/	-18ms	-1.336	0.182014
	/aɪm/	-3ms	-0.263	0.793020
	/aɪn/	49ms	4.492	< 0.0001 ***
/aʊ/	/aʊm/	24ms	2.269	< 0.05 *
	/aʊn/	30ms	2.192	< 0.05 *
	/aʊl/	20ms	1.897	0.058346 .
/e/	/en/	26ms	1.903	0.057523 .
	/el/	-20ms	-1.878	0.060867 .
	/er/	-52ms	-3.814	< 0.0001 ***
/i/	/id/	-55ms	-4.011	< 0.0001 ***
	/ig/	-73ms	-5.321	< 0.0001 ***
	/in/	-3ms	-0.267	0.789602
	/il/	-41ms	-4.699	< 0.0001 ***
	/ir/	-73ms	-8.405	< 0.0001 ***
/o/	/ol/	-41ms	-3.008	< 0.01 **
	/or/	-58ms	-4.279	< 0.0001 ***
/u/	/ul/	-26ms	-1.936	0.053335 .
	/ur/	-70ms	-4.987	< 0.0001 ***
/y/	/yt/	-48ms	-3.432	< 0.0001 ***
	/yl/	-57ms	-4.150	< 0.0001 ***

Table 1: Results of the linear mixed model - pairwise comparisons of *averaged* rime durations per rime identity. References level for the comparisons: /aɪ/

**Appendix C: Results of the linear mixed model – averaged rime duration
(Experiment 2 – German)**

/al/				
Intercept: 349ms				
Nucleus	rimeID	Est.	t-value	p-value
/a/	/at/	6ms	0.330	0.741439
	/an/	49ms	2.965	< 0.001 ***
	/ar/	-86ms	-5.223	< 0.0001 ***
/ai/	/art/	5ms	0.335	0.737973
	/aig/	-32ms	-1.860	0.063369 .
	/aim/	-17ms	-1.009	0.313628
	/am/	35ms	2.316	< 0.05 *
	/ail/	-13ms	-1.009	0.313455
/au/	/aum/	10ms	0.703	0.482535
	/aon/	16ms	0.939	0.348321
	/aul/	7ms	0.463	0.643481
/e/	/en/	12ms	0.709	0.478378
	/el/	-34ms	-2.263	< 0.05 *
	/er/	-66ms	-3.826	< 0.0001 ***
/i/	/id/	-69ms	-3.982	< 0.0001 ***
	/ig/	-87ms	-5.021	< 0.0001 ***
	/in/	-17ms	-1.012	0.311943
	/il/	-55ms	-4.032	< 0.0001 ***
	/ir/	-87ms	-6.383	< 0.0001 ***
/o/	/ol/	-55ms	-3.187	< 0.0001 ***
	/or/	-72ms	-4.195	< 0.0001 ***
/u/	/ul/	-40ms	-2.337	< 0.0001 ***
	/ur/	-84ms	-4.782	< 0.0001 ***
/y/	/yt/	-62ms	-3.537	< 0.0001 ***
	/yl/	-70ms	-4.092	< 0.0001 ***

Table 2: Results of the linear mixed model - pairwise comparisons of *averaged* rime durations per rime identity. References level for the comparisons: /al/

**Appendix C: Results of the linear mixed model – averaged rime duration
(Experiment 2 – German)**

<i>/aʊl/</i>				
Intercept: 356ms				
Nucleus	rimeID	Est.	<i>t</i> -value	<i>p</i> -value
<i>/a/</i>	<i>/at/</i>	-0.7ms	-0.041	0.96710
	<i>/an/</i>	42ms	2.919	< 0.01 **
	<i>/al/</i>	-7ms	-0.463	0.64348
	<i>/ar/</i>	-93ms	-6.522	< 0.0001 ***
<i>/ai/</i>	<i>/art/</i>	-1ms	-0.083	0.93369
	<i>/aig/</i>	-39ms	-2.574	< 0.05 *
	<i>/aim/</i>	-24ms	-1.608	0.10847
	<i>/am/</i>	28ms	2.196	< 0.05 *
	<i>/ail/</i>	-20ms	-1.897	0.05835 .
<i>/au/</i>	<i>/aum/</i>	3ms	0.279	0.78046
	<i>/aon/</i>	9ms	0.602	0.54733
<i>/e/</i>	<i>/en/</i>	5ms	0.342	0.73250
	<i>/el/</i>	-41ms	-3.247	< 0.01 **
	<i>/er/</i>	-73ms	-4.804	< 0.0001 ***
<i>/i/</i>	<i>/id/</i>	-76ms	-4.983	< 0.0001 ***
	<i>/ig/</i>	-94ms	-6.161	< 0.0001 ***
	<i>/in/</i>	-24ms	-1.612	0.10760
	<i>/il/</i>	-62ms	-5.650	< 0.0001 ***
	<i>/ir/</i>	-94ms	-8.599	< 0.0001 ***
<i>/o/</i>	<i>/ol/</i>	-62ms	-4.079	< 0.0001 ***
	<i>/or/</i>	-79ms	-5.224	< 0.0001 ***
<i>/u/</i>	<i>/ul/</i>	-47ms	-3.105	< 0.01 **
	<i>/ur/</i>	-91ms	-5.853	< 0.0001 ***
<i>/y/</i>	<i>/yt/</i>	-69ms	-4.447	< 0.0001 ***
	<i>/yl/</i>	-78ms	-5.107	< 0.0001 ***

Table 3: Results of the linear mixed model - pairwise comparisons of *averaged* rime durations per rime identity. References level for the comparisons: */aʊl/*

**Appendix C: Results of the linear mixed model – averaged rime duration
(Experiment 2 – German)**

/el/				
Intercept: 315ms				
Nucleus	rimeID	Est.	t-value	p-value
/a/	/at/	40ms	2.347	< 0.05 *
	/an/	83ms	5.825	< 0.0001 ***
	/al/	34ms	2.263	< 0.05 *
	/ar/	-51ms	-3.663	< 0.0001 ***
/ai/	/art/	40ms	2.646	< 0.0001 ***
	/aig/	1ms	0.132	0.895270
	/aim/	16ms	1.107	0.268605
	/am/	69ms	5.502	< 0.0001 ***
	/ail/	20ms	1.878	0.060867 .
/au/	/aum/	44ms	3.586	< 0.0001 ***
	/aon/	50ms	3.338	< 0.0001 ***
	/aul/	41ms	3.247	< 0.001 **
/e/	/en/	46ms	3.075	< 0.001 **
	/er/	-32ms	-2.120	< 0.05 *
/i/	/id/	-34ms	-2.299	< 0.05 *
	/ig/	-52ms	-3.489	< 0.0001 ***
	/in/	16ms	1.103	0.270351
	/il/	-21ms	-1.962	0.050243 .
	/ir/	-53ms	-4.936	< 0.0001 ***
/o/	/ol/	-21ms	-1.388	0.165788
	/or/	-38ms	-2.543	< 0.05 *
/u/	/ul/	-6ms	-0.430	0.667564
	/ur/	-50ms	-3.238	< 0.001 **
/y/	/yt/	-28ms	-1.817	0.069753 .
	/yl/	-36ms	-2.425	< 0.05 *

Table 4: Results of the linear mixed model - pairwise comparisons of *averaged* rime durations per rime identity. References level for the comparisons: /el/

**Appendix C: Results of the linear mixed model – averaged rime duration
(Experiment 2 – German)**

/il/				
Intercept: 294ms				
Nucleus	rimeID	Est.	t-value	p-value
/a/	/at/	62ms	3.841	< 0.0001 ***
	/an/	100ms	8.114	< 0.0001 ***
	/al/	55ms	4.032	< 0.0001 ***
	/ar/	-30ms	-2.393	< 0.05 *
/ai/	/art/	61ms	4.452	< 0.0001 ***
	/aig/	23ms	1.695	0.090703 .
	/aim/	38ms	2.765	< 0.01 **
	/am/	90ms	8.270	< 0.0001 ***
	/ail/	41ms	4.699	< 0.0001 ***
/au/	/aum/	66ms	6.106	< 0.0001 ***
	/aon/	71ms	5.211	< 0.0001 ***
	/aul/	62ms	5.650	< 0.0001 ***
/e/	/en/	67ms	4.923	< 0.0001 ***
	/el/	21ms	1.962	0.050243 .
	/er/	-10ms	-0.775	0.438912
/i/	/id/	-13ms	-0.972	0.331642
	/ig/	-31m	-2.277	< 0.05 *
	/in/	38ms	2.760	< 0.001 **
	/ir/	-3ms	-3.615	< 0.0001 ***
/o/	/ol/	0.3ms	0.028	0.977499
	/or/	-17ms	-1.239	0.216010
/u/	/ul/	14ms	1.062	0.288530
	/ur/	-28ms	-2.024	< 0.05 *
/y/	/yt/	-6ms	-0.474	0.635492
	/yl/	-15ms	-1.110	0.267647

Table 5: Results of the linear mixed model - pairwise comparisons of *averaged* rime durations per rime identity. References level for the comparisons: /il/

**Appendix C: Results of the linear mixed model – averaged rime duration
(Experiment 2 – German)**

/ol/				
Intercept: 294ms				
Nucleus	rimeID	Est.	t-value	p-value
/a/	/at/	61ms	3.200	<0.001 **
	/an/	104ms	6.281	<0.0001 ***
	/al/	55ms	3.187	<0.001 **
	/ar/	-30ms	-1.867	0.062360 .
/ai/	/art/	61ms	3.521	<0.0001 ***
	/aig/	23ms	1.326	0.185271
	/am/	37ms	2.178	<0.05 *
	/an/	90ms	5.953	<0.0001 ***
	/ail/	41ms	3.008	<0.01 **
/au/	/aum/	65ms	4.362	<0.0001 ***
	/aon/	71ms	4.125	<0.0001 ***
	/aul/	62ms	4.079	5.16e-05 ***
/e/	/en/	67ms	3.896	<0.0001 ***
	/el/	21ms	1.388	0.165788
	/er/	-11ms	-0.639	0.523102
/i/	/id/	-13ms	-0.796	0.426470
	/ig/	-31ms	-1.834	0.067118 .
	/in/	37ms	2.174	<0.05 *
	/il/	-38ms	-0.028	0.977499
	/ir/	-32ms	-2.359	<0.05 *
/o/	/or/	-17ms	-1.008	0.313746
/u/	/ul/	14ms	0.827	0.408694
	/ur/	-29ms	-1.648	0.099839 .
/y/	/yt/	-7ms	-0.403	0.686961
	/yl/	-15ms	-0.906	0.365526

Table 6: Results of the linear mixed model - pairwise comparisons of *averaged* rime durations per rime identity. References level for the comparisons: /ol/

**Appendix C: Results of the linear mixed model – averaged rime duration
(Experiment 2 – German)**

/ul/				
Intercept: 309ms				
Nucleus	rimeID	Est.	t-value	p-value
/a/	/at/	47ms	2.437	<0.05 *
	/an/	90ms	5.373	<0.0001 ***
	/al/	40ms	2.337	<0.05 *
	/ar/	-45ms	-2.723	<0.01 **
/ai/	/art/	46ms	2.669	<0.01 **
	/aig/	8ms	0.490	0.624317
	/aim/	23ms	1.336	0.182206
	/am/	76ms	4.956	<0.0001 ***
	/ail/	26ms	1.936	0.053335 .
/au/	/aum/	51ms	3.374	<0.0001 ***
	/aon/	57ms	3.269	<0.001 **
	/aul/	47ms	3.105	<0.01 **
/e/	/en/	53ms	3.041	0.002463 **
	/el/	6ms	0.430	0.667564
	/er/	-25ms	-1.461	0.144510
/i/	/id/	-28ms	-1.617	0.106444
	/ig/	-46ms	-2.648	<0.01 **
	/in/	23ms	1.332	0.183351
	/il/	-14ms	-1.062	0.288530
	/ir/	-46ms	-3.372	<0.0001 ***
/o/	/ol/	-14ms	-0.827	0.408694
	/or/	-31ms	-1.828	0.068088 .
/u/	/ur/	-43ms	-2.450	<0.05 *
/y/	/yt/	-21ms	-1.214	0.225417
	/yl/	-30ms	-1.726	0.084898 .

Table 7: Results of the linear mixed model - pairwise comparisons of *averaged* rime durations per rime identity. References level for the comparisons: /ul/

**Appendix C: Results of the linear mixed model – averaged rime duration
(Experiment 2 – German)**

/yl/				
Intercept: 278ms				
Nucleus	rimeID	Est.	t-value	p-value
/a/	/at/	77ms	4.015	< 0.0001 ***
	/an/	120ms	7.223	< 0.0001 ***
	/al/	70ms	4.092	< 0.0001 ***
	/ar/	-15ms	-0.914	0.36131
/ai/	/ait/	76ms	4.427	< 0.0001 ***
	/aig/	38ms	2.232	< 0.05 *
	/aim/	53ms	3.084	< 0.001 **
	/ain/	106ms	6.987	< 0.0001 ***
	/ail/	57ms	4.150	3.84e-05 ***
/au/	/aum/	81ms	5.402	< 0.0001 ***
	/aon/	87ms	5.031	< 0.0001 ***
	/aul/	78ms	5.107	< 0.0001 ***
/e/	/en/	83ms	4.802	< 0.0001 ***
	/el/	36ms	2.425	< 0.05 *
	/er/	4ms	0.267	0.78984
/i/	/id/	1ms	0.110	0.91261
	/ig/	-16ms	-0.929	0.35339
	/in/	53ms	3.080	< 0.001 **
	/il/	15ms	1.110	0.26765
	/ir/	-16ms	-1.215	0.22487
/o/	/ol/	15ms	0.906	0.36553
	/or/	-1ms	-0.103	0.91826
/u/	/ul/	30ms	1.726	0.08490 .
	/ur/	-13ms	-0.758	0.44888
/y/	/yt/	8ms	0.487	0.62621

Table 8: Results of the linear mixed model - pairwise comparisons of *averaged* rime durations per rime identity. References level for the comparisons: /ul/