Appendix B: A detailed overview of the results of a series of linear mixed effects models that examined the effect of the type of the clause on duration, speech rate, F0, and intensity.

Duration. Tables 1-6 present the results of a linear mixed effects model which included *duration* as the dependent, *type of the clause, syllable* and their interaction as fixed factors, and *by-speaker* and *by-item* random intercepts. The reference level of *Syllable* was changed to obtain all relevant information. The function *tab-model* from the *sjPlot-package* (Lüdecke, 2019) was used to obtain the summary of the models.

Table 1. Results of linear mixed effect model on duration, reference category S1.

Predictors	Value		
	Estimates	CI	P
(Intercept)	136.13	129.00 – 143.26	<**0.001**
Type of the clause: Declarative	2.98	-0.14 – 6.10	0.062
S2	66.00	62.87 – 69.12	<**0.001**
S3	46.38	43.26 – 49.51	<**0.001**
S4	47.49	44.36 – 50.61	<**0.001**
S5	35.59	32.46 – 38.71	<**0.001**
S6	-36.11	-39.24 – -32.99	<**0.001**
Declarative × S2	2.17	-2.24 – 6.59	0.335
Declarative × S3	2.63	-1.79 – 7.05	0.243
Declarative × S4	8.21	3.79 – 12.63	<**0.001**
Declarative × S5	1.51	-2.91 – 5.92	0.504
Declarative × S6	-1.20	-5.62 – 3.21	0.593

Table 2. Results of linear mixed effect model on duration, reference category S2.

Predictors	Value		
	Estimates	*CI*	*p*
(Intercept)	202.13	195.00 – 209.26	<**0.001**
Type of the clause: **Declarative**	5.15	2.03 – 8.28	**0.001**
S1	-66.00	-69.12 – -62.87	<**0.001**
S3	-19.61	-22.74 – -16.49	<**0.001**
S4	-18.51	-21.64 – -15.39	<**0.001**
S5	-30.41	-33.53 – -27.29	<**0.001**
S6	-102.11	-105.24 – -98.99	<**0.001**
Declarative × S1	-2.17	-6.59 – 2.24	0.335
Declarative × S3	0.46	-3.96 – 4.87	0.839
Declarative × S4	6.04	1.62 – 10.45	**0.007**
Declarative × S5	-0.67	-5.09 – 3.75	0.767
Declarative × S6	-3.38	-7.80 – 1.04	0.134

Table 3. Results of linear mixed effect model on duration, reference category S3.

Predictors	Estimates	CI	p
		Value	
(Intercept)	182.51	175.38 – 189.64	<**0.001**
Type of the clause: **Declarative**	5.61	2.49 – 8.73	<**0.001**
S1	-46.38	-49.51 – -43.26	<**0.001**
S2	19.61	16.49 – 22.74	<**0.001**
S4	1.10	-2.02 – 4.23	0.489
S5	-10.80	-13.92 – -7.67	<**0.001**
S6	-82.50	-85.62 – -79.37	<**0.001**
Declarative × S1	-2.63	-7.05 – 1.79	0.243
Declarative × S2	-0.46	-4.87 – 3.96	0.839
Declarative × S4	5.58	1.16 – 10.00	**0.013**
Declarative × S5	-1.12	-5.54 – 3.29	0.618
Declarative × S6	-3.83	-8.25 – 0.58	0.089

Table 4. Results of linear mixed effect model on duration, reference category S4.

Predictors	Value		
	Estimates	*CI*	*p*
(Intercept)	183.62	176.49 – 190.75	<**0.001**
Type of the clause: **Declarative**	11.19	8.07 – 14.31	<**0.001**
S1	-47.49	-50.61 – -44.36	<**0.001**
S2	18.51	15.39 – 21.64	<**0.001**
S3	-1.10	-4.23 – 2.02	0.489
S5	-11.90	-15.02 – -8.78	<**0.001**
S6	-83.60	-86.72 – -80.48	<**0.001**
Declarative × S1	-8.21	-12.63 – -3.79	<**0.001**
Declarative × S2	-6.04	-10.45 – -1.62	**0.007**
Declarative × S3	-5.58	-10.00 – -1.16	**0.013**
Declarative × S5	-6.70	-11.12 – -2.29	**0.003**
Declarative × S6	-9.41	-13.83 – -5.00	<**0.001**

Table 5. Results of linear mixed effect model on duration, reference category S5.

Predictors	Estimates	CI	p
		value	
(Intercept)	171.72	164.59 – 178.85	<**0.001**
Type of the clause: Declarative	4.49	1.36 – 7.61	**0.005**
S1	-35.59	-38.71 – -32.46	<**0.001**
S2	30.41	27.29 – 33.53	<**0.001**
S3	10.80	7.67 – 13.92	<**0.001**
S4	11.90	8.78 – 15.02	<**0.001**
S6	-71.70	-74.82 – -68.58	<**0.001**
Declarative × S1	-1.51	-5.92 – 2.91	0.504
Declarative × S2	0.67	-3.75 – 5.09	0.767
Declarative × S3	1.12	-3.29 – 5.54	0.618
Declarative × S4	6.70	2.29 – 11.12	**0.003**
Declarative × S6	-2.71	-7.13 – 1.71	0.229

Table 6. Results of linear mixed effect model on duration, reference category S6.

Predictors	value		
	Estimates	CI	p
(Intercept)	100.02	92.89 – 107.15	<**0.001**
Type of the clause: Declarative	1.78	-1.35 – 4.90	0.265
S1	36.11	32.99 – 39.24	<**0.001**
S2	102.11	98.99 – 105.24	<**0.001**
S3	82.50	79.37 – 85.62	<**0.001**
S4	83.60	80.48 – 86.72	<**0.001**
S5	71.70	68.58 – 74.82	<**0.001**
Declarative × S1	1.20	-3.21 – 5.62	0.593
Declarative × S2	3.38	-1.04 – 7.80	0.134
Declarative × S3	3.83	-0.58 – 8.25	0.089
Declarative × S4	9.41	5.00 – 13.83	<**0.001**
Declarative × S5	2.71	-1.71 – 7.13	0.229

Speech rate. Table 7 presents the results of a linear mixed effects model included *speech rate* as a dependent variable, the *type of the clause* [declarative, *wh*-question] as a fixed factor, and *speaker* and *item* as random factors.

Table 7. Results of linear mixed effects model on speech rate.

Predictors	Speech Rate		
	Estimates	CI	p
(Intercept)	162.69	155.85 – 169.53	<**0.001**
Type of the clause: Declarative	5.20	3.91 – 6.48	<**0.001**

F0. Tables 8-23 present the results of a linear mixed effects model which included *F0min* or *F0max* as the dependent, *type of the clause, tone, syllable* and the interaction *syllable × type of the clause* as fixed factors, and *by-speaker* and *by-item* random intercepts. The reference level of *syllable* and *tone* was changed to obtain all relevant information. The function *tab-model* from the *sjPlot-package* (Lüdecke, 2019) was used to obtain the summary of the models.

Table 8. Results of linear mixed effect model on F0min, reference category S1, T2.

Predictors	Estimates	CI	p
		F0 min	
(Intercept)	15.16	14.31 – 16.02	<**0.001**
S3	1.21	1.00 – 1.43	<**0.001**
S5	-0.10	-0.37 – 0.18	0.488
S6	-0.72	-0.94 – -0.50	<**0.001**
Type of the clause: Declarative	-0.18	-0.40 – 0.04	0.114
T3	-1.75	-2.08 – -1.42	<**0.001**
T4	-1.00	-1.23 – -0.77	<**0.001**
S3 × Declarative	-0.41	-0.72 – -0.10	**0.009**
S5 × Declarative	-0.57	-0.91 – -0.23	**0.001**
S6 × Declarative	-0.77	-1.08 – -0.46	<**0.001**

Table 9. Results of linear mixed effect model on F0min, reference category S3, T2.

Predictors	Estimates	CI	p
		F0 min	
(Intercept)	16.38	15.52 – 17.23	<**0.001**
S1	-1.21	-1.43 – -1.00	<**0.001**
S5	-1.31	-1.59 – -1.03	<**0.001**
S6	-1.93	-2.16 – -1.71	<**0.001**
Type of the clause: Declarative	-0.59	-0.81 – -0.37	<**0.001**
T3	-1.75	-2.08 – -1.42	<**0.001**
T4	-1.00	-1.23 – -0.77	<**0.001**
S1 × Declarative	0.41	0.10 – 0.72	**0.009**
S5 × Declarative	-0.16	-0.50 – 0.18	0.369
S6 × Declarative	-0.36	-0.67 – -0.05	**0.022**

Table 10. Results of linear mixed effect model on F0min, reference category S5, T2.

Predictors	Estimates	CI	p
F0 min			
(Intercept)	15.07	14.21 – 15.92	<**0.001**
S3	1.31	1.03 – 1.59	<**0.001**
S1	0.10	-0.18 – 0.37	0.488
S6	-0.62	-0.92 – -0.32	<**0.001**
Type of the clause: Declarative	-0.74	-1.01 – -0.48	<**0.001**
T3	-1.75	-2.08 – -1.42	<**0.001**
T4	-1.00	-1.23 – -0.77	<**0.001**
S3 × Declarative	0.16	-0.18 – 0.50	0.369
S1 × Declarative	0.57	0.23 – 0.91	**0.001**
S6 × Declarative	-0.20	-0.54 – 0.14	0.241

Table 11. Results of linear mixed effect model on F0min, reference category S5, T3.

Predictors	Estimates	CI	p
F0 min			
(Intercept)	13.32	12.43 – 14.20	<**0.001**
S3	1.31	1.03 – 1.59	<**0.001**
S1	0.10	-0.18 – 0.37	0.488
S6	-0.62	-0.92 – -0.32	<**0.001**
Type of the clause: Declarative	-0.74	-1.01 – -0.48	<**0.001**
T4	0.75	0.33 – 1.18	**0.001**
T2	1.75	1.42 – 2.08	<**0.001**
S3 × Declarative	0.16	-0.18 – 0.50	0.369
S1 × Declarative	0.57	0.23 – 0.91	**0.001**
S6 × Declarative	-0.20	-0.54 – 0.14	0.241

Table 12. Results of linear mixed effect model on F0min, reference category S5, T4.

Predictors	Estimates	CI	p
(Intercept)	14.07	13.21 – 14.93	<**0.001**
S3	1.31	1.03 – 1.59	<**0.001**
S1	0.10	-0.18 – 0.37	0.488
S6	-0.62	-0.92 – -0.32	<**0.001**
Type of the clause: Declarative	-0.74	-1.01 – -0.48	<**0.001**
T2	1.00	0.77 – 1.23	<**0.001**
T3	-0.75	-1.18 – -0.33	**0.001**
S3 × Declarative	0.16	-0.18 – 0.50	0.369
S1 × Declarative	0.57	0.23 – 0.91	**0.001**
S6 × Declarative	-0.20	-0.54 – 0.14	0.241

Table 13. Results of linear mixed effect model on F0min, reference category S6, T2.

Predictors	Estimates	CI	p
(Intercept)	14.44	13.58 – 15.31	<**0.001**
S5	0.62	0.32 – 0.92	<**0.001**
S3	1.93	1.71 – 2.16	<**0.001**
S1	0.72	0.50 – 0.94	<**0.001**
Type of the clause: Declarative	-0.95	-1.17 – -0.73	<**0.001**
T3	-1.75	-2.08 – -1.42	<**0.001**
T4	-1.00	-1.23 – -0.77	<**0.001**
S5 × Declarative	0.20	-0.14 – 0.54	0.241
S3 × Declarative	0.36	0.05 – 0.67	**0.022**
S1 × Declarative	0.77	0.46 – 1.08	<**0.001**

Table 14. Results of linear mixed effect model on F0min, reference category S6, T4.

Predictors	Estimates	CI	p
F0 min			
(Intercept)	13.45	12.61 – 14.28	<**0.001**
S5	0.62	0.32 – 0.92	<**0.001**
S3	1.93	1.71 – 2.16	<**0.001**
S1	0.72	0.50 – 0.94	<**0.001**
Type of the clause: Declarative	-0.95	-1.17 – -0.73	<**0.001**
T3	-0.75	-1.18 – -0.33	**0.001**
T2	1.00	0.77 – 1.23	<**0.001**
S5 × Declarative	0.20	-0.14 – 0.54	0.241
S3 × Declarative	0.36	0.05 – 0.67	**0.022**
S1 × Declarative	0.77	0.46 – 1.08	<**0.001**

Table 15. Results of linear mixed effect model on F0max, reference category S1, T2.

Predictors	F0 max		
	Estimates	CI	p
(Intercept)	16.72	15.95 – 17.48	<**0.001**
S2	-3.99	-4.49 – -3.50	<**0.001**
S3	0.51	0.28 – 0.74	<**0.001**
S4	-4.20	-4.70 – -3.70	<**0.001**
S5	-3.81	-4.21 – -3.41	<**0.001**
S6	-4.06	-4.39 – -3.73	<**0.001**
Type of the clause: Declarative	-0.22	-0.46 – 0.01	0.064
T1	5.87	5.43 – 6.30	<**0.001**
T4	4.91	4.61 – 5.21	<**0.001**
S2 × Declarative	-0.03	-0.37 – 0.30	0.841
S3 × Declarative	-0.47	-0.80 – -0.14	**0.005**
S4 × Declarative	-0.33	-0.67 – 0.01	0.058
S5 × Declarative	-0.44	-0.79 – -0.08	**0.017**
S6 × Declarative	0.45	0.11 – 0.78	**0.008**

Table 16. Results of linear mixed effect model on F0max, reference category S2, T1.

Predictors	F0 max		
	Estimates	CI	p
(Intercept)	18.59	17.82 – 19.36	<**0.001**
S1	3.99	3.50 – 4.49	<**0.001**
S3	4.50	4.01 – 5.00	<**0.001**
S4	-0.21	-0.45 – 0.03	0.092
S5	0.18	-0.15 – 0.51	0.278
S6	-0.06	-0.46 – 0.33	0.749
Type of the clause: Declarative	-0.26	-0.50 – -0.02	**0.037**
T2	-5.87	-6.30 – -5.43	<**0.001**
T4	-0.96	-1.27 – -0.65	<**0.001**
S1 × Declarative	0.03	-0.30 – 0.37	0.841
S3 × Declarative	-0.44	-0.77 – -0.10	**0.011**
S4 × Declarative	-0.30	-0.64 – 0.05	0.093
S5 × Declarative	-0.40	-0.76 – -0.04	**0.029**
S6 × Declarative	0.48	0.14 – 0.82	**0.005**

Table 17. Results of linear mixed effect model on F0max, reference category S3, T2.

Predictors	F0 max		
	Estimates	*CI*	*p*
(Intercept)	17.22	16.46 – 17.99	<**0.001**
S2	-4.50	-5.00 – -4.01	<**0.001**
S1	-0.51	-0.74 – -0.28	<**0.001**
S4	-4.71	-5.21 – -4.21	<**0.001**
S5	-4.32	-4.72 – -3.92	<**0.001**
S6	-4.57	-4.90 – -4.24	<**0.001**
Type of the clause: Declarative	-0.69	-0.93 – -0.46	<**0.001**
T1	5.87	5.43 – 6.30	<**0.001**
T4	4.91	4.61 – 5.21	<**0.001**
S2 × Declarative	0.44	0.10 – 0.77	**0.011**
S1 × Declarative	0.47	0.14 – 0.80	**0.005**
S4 × Declarative	0.14	-0.20 – 0.48	0.418
S5 × Declarative	0.04	-0.32 – 0.39	0.840
S6 × Declarative	0.92	0.59 – 1.25	<**0.001**

Table 18. Results of linear mixed effect model on F0max, reference category S4, T1.

Predictors	F0 max		
Predictors	*Estimates*	*CI*	*p*
(Intercept)	18.38	17.61 – 19.15	<**0.001**
S3	4.71	4.21 – 5.21	<**0.001**
S2	0.21	-0.03 – 0.45	0.092
S1	4.20	3.70 – 4.70	<**0.001**
S5	0.39	0.06 – 0.72	**0.021**
S6	0.14	-0.25 – 0.54	0.479
Type of the clause: Declarative	-0.55	-0.80 – -0.30	<**0.001**
T2	-5.87	-6.30 – -5.43	<**0.001**
T4	-0.96	-1.27 – -0.65	<**0.001**
S3 × Declarative	-0.14	-0.48 – 0.20	0.418
S2 × Declarative	0.30	-0.05 – 0.64	0.093
S1 × Declarative	0.33	-0.01 – 0.67	0.058
S5 × Declarative	-0.10	-0.47 – 0.26	0.574
S6 × Declarative	0.78	0.43 – 1.12	<**0.001**

Table 19. Results of linear mixed effect model on F0max, reference category S5, T1.

Predictors	Estimates	CI	p
F0 max			
(Intercept)	18.77	17.97 – 19.57	<**0.001**
S4	-0.39	-0.72 – -0.06	**0.021**
S3	4.32	3.92 – 4.72	<**0.001**
S2	-0.18	-0.51 – 0.15	0.278
S1	3.81	3.41 – 4.21	<**0.001**
S6	-0.25	-0.52 – 0.03	0.082
Type of the clause type: Declarative	-0.66	-0.93 – -0.39	<**0.001**
T2	-5.87	-6.30 – -5.43	<**0.001**
T4	-0.96	-1.27 – -0.65	<**0.001**
S4 × Declarative	0.10	-0.26 – 0.47	0.574
S3 × Declarative	-0.04	-0.39 – 0.32	0.840
S2 × Declarative	0.40	0.04 – 0.76	**0.029**
S1 × Declarative	0.44	0.08 – 0.79	**0.017**
S6 × Declarative	0.88	0.52 – 1.24	<**0.001**

Table 20. Results of linear mixed effect model on F0max, reference category S5, T2.

Predictors	F0 max		
	Estimates	CI	p
(Intercept)	12.90	12.07 – 13.74	<**0.001**
S4	-0.39	-0.72 – -0.06	**0.021**
S3	4.32	3.92 – 4.72	<**0.001**
S2	-0.18	-0.51 – 0.15	0.278
S1	3.81	3.41 – 4.21	<**0.001**
S6	-0.25	-0.52 – 0.03	0.082
Type of the clause type: Declarative	-0.66	-0.93 – -0.39	<**0.001**
T1	5.87	5.43 – 6.30	<**0.001**
T4	4.91	4.61 – 5.21	<**0.001**
S4 × Declarative	0.10	-0.26 – 0.47	0.574
S3 × Declarative	-0.04	-0.39 – 0.32	0.840
S2 × Declarative	0.40	0.04 – 0.76	**0.029**
S1 × Declarative	0.44	0.08 – 0.79	**0.017**
S6 × Declarative	0.88	0.52 – 1.24	<**0.001**

Table 21. Results of linear mixed effect model on F0max, reference category S5, T4.

Predictors	F0 max		
	Estimates	CI	p
(Intercept)	17.81	17.03 – 18.59	<**0.001**
S4	-0.39	-0.72 – -0.06	**0.021**
S3	4.32	3.92 – 4.72	<**0.001**
S2	-0.18	-0.51 – 0.15	0.278
S1	3.81	3.41 – 4.21	<**0.001**
S6	-0.25	-0.52 – 0.03	0.082
Type of the clause: Declarative	-0.66	-0.93 – -0.39	<**0.001**
T2	-4.91	-5.21 – -4.61	<**0.001**
T1	0.96	0.65 – 1.27	<**0.001**
S4 × Declarative	0.10	-0.26 – 0.47	0.574
S3 × Declarative	-0.04	-0.39 – 0.32	0.840
S2 × Declarative	0.40	0.04 – 0.76	**0.029**
S1 × Declarative	0.44	0.08 – 0.79	**0.017**
S6 × Declarative	0.88	0.52 – 1.24	<**0.001**

Table 22. Results of linear mixed effect model on F0max, reference category S6, T2.

Predictors	Estimates	CI	p
	F0 max		
(Intercept)	12.66	11.86 – 13.46	<**0.001**
S5	0.25	-0.03 – 0.52	0.082
S4	-0.14	-0.54 – 0.25	0.479
S3	4.57	4.24 – 4.90	<**0.001**
S2	0.06	-0.33 – 0.46	0.749
S1	4.06	3.73 – 4.39	<**0.001**
Type of the clause: Declarative	0.22	-0.01 – 0.46	0.062
T4	4.91	4.61 – 5.21	<**0.001**
T1	5.87	5.43 – 6.30	<**0.001**
S5 × Declarative	-0.88	-1.24 – -0.52	<**0.001**
S4 × Declarative	-0.78	-1.12 – -0.43	<**0.001**
S3 × Declarative	-0.92	-1.25 – -0.59	<**0.001**
S2 × Declarative	-0.48	-0.82 – -0.14	**0.005**
S1 × Declarative	-0.45	-0.78 – -0.11	**0.008**

Table 23. Results of linear mixed effect model on F0max, reference category S6, T4.

Predictors	Estimates	CI	p
	F0 max		
(Intercept)	17.57	16.80 – 18.34	<**0.001**
S5	0.25	-0.03 – 0.52	0.082
S4	-0.14	-0.54 – 0.25	0.479
S3	4.57	4.24 – 4.90	<**0.001**
S2	0.06	-0.33 – 0.46	0.749
S1	4.06	3.73 – 4.39	<**0.001**
Type of the clause: Declarative	0.22	-0.01 – 0.46	0.062
T2	-4.91	-5.21 – -4.61	<**0.001**
T1	0.96	0.65 – 1.27	<**0.001**
S5 × Declarative	-0.88	-1.24 – -0.52	<**0.001**
S4 × Declarative	-0.78	-1.12 – -0.43	<**0.001**
S3 × Declarative	-0.92	-1.25 – -0.59	<**0.001**
S2 × Declarative	-0.48	-0.82 – -0.14	**0.005**
S1 × Declarative	-0.45	-0.78 – -0.11	**0.008**

Table 24. Results of linear mixed effects model on F0-range, reference category verb T1.

Predictors	Estimates	CI	p
	F0-Range		
(Intercept)	3.61	2.71 – 4.51	<**0.001**
Declarative	1.68	0.91 – 2.44	<**0.001**
T2	-0.24	-1.28 – 0.80	0.651
T3	-4.42	-5.47 – -3.37	<**0.001**
T4	-2.12	-3.16 – -1.07	<**0.001**
conditionDeclarative:verbT2	-2.39	-3.47 – -1.32	<**0.001**
conditionDeclarative:verbT3	-2.97	-4.07 – -1.87	<**0.001**
conditionDeclarative:verbT4	0.36	-0.71 – 1.44	0.511

Table 25. Results of linear mixed effects model on F0-range, reference category verb T2.

Predictors	Estimates	CI	p
F0-Range			
(Intercept)	3.37	2.48 – 4.27	<**0.001**
Declarative	-0.72	-1.48 – 0.04	0.065
T1	0.24	-0.80 – 1.28	0.651
T3	-4.18	-5.23 – -3.14	<**0.001**
T4	-1.88	-2.92 – -0.84	<**0.001**
conditionDeclarative:verbT1	2.39	1.32 – 3.47	<**0.001**
conditionDeclarative:verbT3	-0.58	-1.67 – 0.52	0.300
conditionDeclarative:verbT4	2.75	1.68 – 3.83	<**0.001**

Table 26. Results of linear mixed effects model on F0-range, reference category verb T3.

Predictors	Estimates	CI	p
F0-Range			
(Intercept)	-0.81	-1.72 – 0.10	0.081
Declarative	-1.29	-2.08 – -0.50	**0.001**
T2	4.18	3.14 – 5.23	<**0.001**
T1	4.42	3.37 – 5.47	<**0.001**
T4	2.31	1.26 – 3.36	<**0.001**
conditionDeclarative:verbT2	0.58	-0.52 – 1.67	0.300
conditionDeclarative:verbT1	2.97	1.87 – 4.07	<**0.001**
conditionDeclarative:verbT4	3.33	2.24 – 4.43	<**0.001**

Table 27. Results of linear mixed effects model on F0-range, reference category verb T4.

Predictors	Estimates	CI	p
	F0-Range		
(Intercept)	1.50	0.60 – 2.40	**0.001**
Declarative	2.04	1.28 – 2.80	<**0.001**
T3	-2.31	-3.36 – -1.26	<**0.001**
T2	1.88	0.84 – 2.92	<**0.001**
T1	2.12	1.07 – 3.16	<**0.001**
conditionDeclarative:verbT3	-3.33	-4.43 – -2.24	<**0.001**
conditionDeclarative:verbT2	-2.75	-3.83 – -1.68	<**0.001**
conditionDeclarative:verbT1	-0.36	-1.44 – 0.71	0.511

Intensity. Tables 28-39 present the results of a linear mixed effects model which included *intensity range* as the dependent, *type of the clause, syllable* and their interaction as fixed factors, and *by-speaker* and *by-item* random intercepts. The reference level of *syllable* was changed to obtain all relevant information. The function *tab-model* from the *sjPlot-package* (Lüdecke, 2019) was used to obtain the summary of the models.

Table 28. Results of linear mixed effects model on intensity range, reference category S1.

Predictors	intensity Range		
	Estimates	*CI*	*p*
(Intercept)	7.48	6.62 – 8.34	<**0.001**
Type of the clause: Declarative	0.11	-0.31 – 0.52	0.619
S2	13.10	12.69 – 13.52	<**0.001**
S3	10.81	10.39 – 11.22	<**0.001**
S4	7.27	6.85 – 7.69	<**0.001**
S5.Tone1	15.62	14.93 – 16.31	<**0.001**
S5.Tone2	8.87	8.18 – 9.55	<**0.001**
S5.Tone3	9.81	9.13 – 10.50	<**0.001**
S5.Tone4	10.56	9.87 – 11.24	<**0.001**
S6.Tone1	0.70	0.02 – 1.39	**0.045**
S6.Tone2	-0.17	-0.85 – 0.51	0.627
S6.Tone3	-0.35	-1.04 – 0.33	0.314
S6.Tone4	0.56	-0.12 – 1.25	0.106
Declarative: S2	0.09	-0.50 – 0.68	0.769
Declarative: S3	-0.17	-0.76 – 0.42	0.572
Declarative: S4	0.43	-0.16 – 1.02	0.155
Declarative: S5.Tone1	-0.38	-1.32 – 0.55	0.421
Declarative: S5.Tone2	-0.23	-1.17 – 0.70	0.628
Declarative: S5.Tone3	-0.58	-1.52 – 0.35	0.220
Declarative: S5.Tone4	-0.79	-1.72 – 0.15	0.099
Declarative: S6.Tone1	-0.91	-1.84 – 0.03	0.058
Declarative: S6.Tone2	-0.57	-1.50 – 0.36	0.232
Declarative: S6.Tone3	-0.41	-1.35 – 0.52	0.386
Declarative: S6.Tone4	-1.16	-2.10 – -0.23	**0.015**

Table 29. Results of linear mixed effects model on intensity range, reference category S2.

Predictors	Estimates	CI	p
	intensity Range		
(Intercept)	20.59	19.73 – 21.45	< **0.001**
Type of the clause: Declarative	0.19	-0.22 – 0.61	0.362
S1	-13.10	-13.52 – -12.69	< **0.001**
S3	-2.30	-2.72 – -1.88	< **0.001**
S4	-5.83	-6.25 – -5.42	< **0.001**
S5.Tone1	2.52	1.83 – 3.20	< **0.001**
S5.Tone2	-4.24	-4.92 – -3.56	< **0.001**
S5.Tone3	-3.29	-3.98 – -2.61	< **0.001**
S5.Tone4	-2.55	-3.23 – -1.86	< **0.001**
S6.Tone1	-12.40	-13.09 – -11.72	< **0.001**
S6.Tone2	-13.27	-13.96 – -12.59	< **0.001**
S6.Tone3	-13.46	-14.14 – -12.77	< **0.001**
S6.Tone4	-12.54	-13.23 – -11.86	< **0.001**
Declarative: S1	-0.09	-0.68 – 0.50	0.769
Declarative: S3	-0.26	-0.85 – 0.33	0.391
Declarative: S4	0.34	-0.25 – 0.93	0.260
Declarative: S5.Tone1	-0.47	-1.41 – 0.46	0.322
Declarative: S5.Tone2	-0.32	-1.25 – 0.61	0.502
Declarative: S5.Tone3	-0.67	-1.61 – 0.26	0.158
Declarative: S5.Tone4	-0.87	-1.81 – 0.06	0.067
Declarative: S6.Tone1	-0.99	-1.93 – -0.06	**0.037**
Declarative: S6.Tone2	-0.66	-1.59 – 0.28	0.167
Declarative: S6.Tone3	-0.50	-1.44 – 0.43	0.293
Declarative: S6.Tone4	-1.25	-2.19 – -0.32	**0.009**

Table 30. Results of linear mixed effects model on intensity range, reference category S3.

Predictors	intensity Range		
	Estimates	*CI*	*p*
(Intercept)	18.29	17.43 – 19.15	<**0.001**
Type of the clause: Declarative	-0.06	-0.48 – 0.35	0.763
S1	-10.81	-11.22 – -10.39	<**0.001**
S2	2.30	1.88 – 2.72	<**0.001**
S4	-3.53	-3.95 – -3.12	<**0.001**
S5.Tone1	4.81	4.13 – 5.50	<**0.001**
S5.Tone2	-1.94	-2.62 – -1.26	<**0.001**
S5.Tone3	-0.99	-1.68 – -0.31	**0.004**
S5.Tone4	-0.25	-0.93 – 0.44	0.479
S6.Tone1	-10.11	-10.79 – -9.42	<**0.001**
S6.Tone2	-10.98	-11.66 – -10.29	<**0.001**
S6.Tone3	-11.16	-11.84 – -10.47	<**0.001**
S6.Tone4	-10.24	-10.93 – -9.56	<**0.001**
Declarative: S1	0.17	-0.42 – 0.76	0.572
Declarative: S2	0.26	-0.33 – 0.85	0.391
Declarative: S4	0.60	0.01 – 1.19	**0.047**
Declarative: S5.Tone1	-0.21	-1.15 – 0.72	0.655
Declarative: S5.Tone2	-0.06	-1.00 – 0.87	0.899
Declarative: S5.Tone3	-0.41	-1.35 – 0.52	0.385
Declarative: S5.Tone4	-0.62	-1.55 – 0.32	0.197
Declarative: S6.Tone1	-0.73	-1.67 – 0.20	0.124
Declarative: S6.Tone2	-0.40	-1.33 – 0.53	0.401
Declarative: S6.Tone3	-0.24	-1.18 – 0.69	0.610
Declarative: S6.Tone4	-0.99	-1.93 – -0.06	**0.037**

Table 31. Results of linear mixed effects model on intensity range, reference category S4.

Predictors	intensity Range		
	Estimates	*CI*	*P*
(Intercept)	14.75	13.89 – 15.61	<**0.001**
Type of the clause: Declarative	0.53	0.12 – 0.95	**0.012**
S3	3.53	3.12 – 3.95	<**0.001**
S1	-7.27	-7.69 – -6.85	<**0.001**
S2	5.83	5.42 – 6.25	<**0.001**
S5.Tone1	8.35	7.66 – 9.03	<**0.001**
S5.Tone2	1.59	0.91 – 2.28	<**0.001**
S5.Tone3	2.54	1.86 – 3.22	<**0.001**
S5.Tone4	3.29	2.60 – 3.97	<**0.001**
S6.Tone1	-6.57	-7.26 – -5.89	<**0.001**
S6.Tone2	-7.44	-8.12 – -6.76	<**0.001**
S6.Tone3	-7.62	-8.31 – -6.94	<**0.001**
S6.Tone4	-6.71	-7.39 – -6.02	<**0.001**
Declarative: S3	-0.60	-1.19 – -0.01	**0.047**
Declarative: S1	-0.43	-1.02 – 0.16	0.155
Declarative: S2	-0.34	-0.93 – 0.25	0.260
Declarative: S5.Tone1	-0.81	-1.75 – 0.12	0.089
Declarative: S5.Tone2	-0.66	-1.59 – 0.27	0.166
Declarative: S5.Tone3	-1.01	-1.95 – -0.08	**0.034**
Declarative: S5.Tone4	-1.21	-2.15 – -0.28	**0.011**
Declarative: S6.Tone1	-1.33	-2.27 – -0.40	**0.005**
Declarative: S6.Tone2	-1.00	-1.93 – -0.06	**0.036**
Declarative: S6.Tone3	-0.84	-1.78 – 0.09	0.078
Declarative: S6.Tone4	-1.59	-2.53 – -0.66	**0.001**

Table 32. Results of linear mixed effects model on intensity range, reference category S5.Tone1.

Predictors	Estimates	CI	p
	intensity Range		
(Intercept)	23.10	22.08 – 24.12	**<0.001**
Declarative	-0.28	-1.11 – 0.56	0.515
S4	-8.35	-9.03 – -7.66	**<0.001**
S3	-4.81	-5.50 – -4.13	**<0.001**
S1	-15.62	-16.31 – -14.93	**<0.001**
S2	-2.52	-3.20 – -1.83	**<0.001**
S5.Tone2	-6.75	-7.64 – -5.87	**<0.001**
S5.Tone3	-5.81	-6.69 – -4.92	**<0.001**
S5.Tone4	-5.06	-5.95 – -4.18	**<0.001**
S6.Tone1	-14.92	-15.76 – -14.08	**<0.001**
S6.Tone2	-15.79	-16.67 – -14.90	**<0.001**
S6.Tone3	-15.97	-16.86 – -15.09	**<0.001**
S6.Tone4	-15.06	-15.94 – -14.17	**<0.001**
Declarative:S4	0.81	-0.12 – 1.75	0.089
Declarative:S3	0.21	-0.72 – 1.15	0.655
Declarative:S1	0.38	-0.55 – 1.32	0.421
Declarative:S2	0.47	-0.46 – 1.41	0.322
Declarative:S5.Tone2	0.15	-1.03 – 1.33	0.800
Declarative:S5.Tone3	-0.20	-1.38 – 0.98	0.739
Declarative:S5.Tone4	-0.40	-1.59 – 0.78	0.505
Declarative:S6.Tone1	-0.52	-1.70 – 0.66	0.387
Declarative:S6.Tone2	-0.19	-1.37 – 1.00	0.757
Declarative:S6.Tone3	-0.03	-1.21 – 1.15	0.961
Declarative:S6.Tone4	-0.78	-1.96 – 0.40	0.196

Table 33. Results of linear mixed effects model on intensity range, reference category S5.Tone2.

Predictors	Estimates	CI	p
	intensity Range		
(Intercept)	16.35	15.33 – 17.36	<**0.001**
Declarative	-0.13	-0.96 – 0.71	0.769
S5.Tone1	6.75	5.87 – 7.64	<**0.001**
S4	-1.59	-2.28 – -0.91	<**0.001**
S3	1.94	1.26 – 2.62	<**0.001**
S1	-8.87	-9.55 – -8.18	<**0.001**
S2	4.24	3.56 – 4.92	<**0.001**
S5.Tone3	0.95	0.06 – 1.83	**0.036**
S5.Tone4	1.69	0.81 – 2.58	<**0.001**
S6.Tone1	-8.16	-9.05 – -7.28	<**0.001**
S6.Tone2	-9.03	-9.87 – -8.20	<**0.001**
S6.Tone3	-9.22	-10.10 – -8.33	<**0.001**
S6.Tone4	-8.30	-9.19 – -7.42	<**0.001**
Declarative:S5.Tone1	-0.15	-1.33 – 1.03	0.800
Declarative:S4	0.66	-0.27 – 1.59	0.166
Declarative:S3	0.06	-0.87 – 1.00	0.899
Declarative:S1	0.23	-0.70 – 1.17	0.628
Declarative:S2	0.32	-0.61 – 1.25	0.502
Declarative:S5.Tone3	-0.35	-1.54 – 0.83	0.558
Declarative:S5.Tone4	-0.56	-1.74 – 0.63	0.358
Declarative:S6.Tone1	-0.67	-1.86 – 0.51	0.264
Declarative:S6.Tone2	-0.34	-1.52 – 0.84	0.574
Declarative:S6.Tone3	-0.18	-1.36 – 1.00	0.763
Declarative:S6.Tone4	-0.93	-2.11 – 0.25	0.122

Table 34. Results of linear mixed effects model on intensity range, reference category S5.Tone3.

Predictors	Estimates	CI	p
	intensity Range		
(Intercept)	17.29	16.28 – 18.31	<**0.001**
Declarative	-0.48	-1.32 – 0.36	0.262
S5.Tone2	-0.95	-1.83 – -0.06	**0.036**
S5.Tone1	5.81	4.92 – 6.69	<**0.001**
S4	-2.54	-3.22 – -1.86	<**0.001**
S3	0.99	0.31 – 1.68	**0.004**
S1	-9.81	-10.50 – -9.13	<**0.001**
S2	3.29	2.61 – 3.98	<**0.001**
S5.Tone4	0.75	-0.14 – 1.63	0.098
S6.Tone1	-9.11	-10.00 – -8.23	<**0.001**
S6.Tone2	-9.98	-10.87 – -9.10	<**0.001**
S6.Tone3	-10.16	-11.00 – -9.33	<**0.001**
S6.Tone4	-9.25	-10.13 – -8.36	<**0.001**
Declarative:S5.Tone2	0.35	-0.83 – 1.54	0.558
Declarative:S5.Tone1	0.20	-0.98 – 1.38	0.739
Declarative:S4	1.01	0.08 – 1.95	**0.034**
Declarative:S3	0.41	-0.52 – 1.35	0.385
Declarative:S1	0.58	-0.35 – 1.52	0.220
Declarative:S2	0.67	-0.26 – 1.61	0.158
Declarative:S5.Tone4	-0.20	-1.38 – 0.98	0.739
Declarative:S6.Tone1	-0.32	-1.50 – 0.86	0.596
Declarative:S6.Tone2	0.01	-1.17 – 1.20	0.981
Declarative:S6.Tone3	0.17	-1.01 – 1.35	0.776
Declarative:S6.Tone4	-0.58	-1.76 – 0.60	0.338

Table 35. Results of linear mixed effects model on intensity range, reference category S5.Tone4.

Predictors	intensity Range		
	Estimates	*CI*	*p*
(Intercept)	18.04	17.02 – 19.06	<**0.001**
Declarative	-0.68	-1.52 – 0.16	0.111
S5.Tone3	-0.75	-1.63 – 0.14	0.098
S5.Tone2	-1.69	-2.58 – -0.81	<**0.001**
S5.Tone1	5.06	4.18 – 5.95	<**0.001**
S4	-3.29	-3.97 – -2.60	<**0.001**
S3	0.25	-0.44 – 0.93	0.479
S1	-10.56	-11.24 – -9.87	<**0.001**
S2	2.55	1.86 – 3.23	<**0.001**
S6.Tone1	-9.86	-10.74 – -8.97	<**0.001**
S6.Tone2	-10.73	-11.61 – -9.84	<**0.001**
S6.Tone3	-10.91	-11.80 – -10.03	<**0.001**
S6.Tone4	-10.00	-10.83 – -9.16	<**0.001**
Declarative:S5.Tone3	0.20	-0.98 – 1.38	0.739
Declarative:S5.Tone2	0.56	-0.63 – 1.74	0.358
Declarative:S5.Tone1	0.40	-0.78 – 1.59	0.505
Declarative:S4	1.21	0.28 – 2.15	**0.011**
Declarative:S3	0.62	-0.32 – 1.55	0.197
Declarative:S1	0.79	-0.15 – 1.72	0.099
Declarative:S2	0.87	-0.06 – 1.81	0.067
Declarative:S6.Tone1	-0.12	-1.30 – 1.06	0.844
Declarative:S6.Tone2	0.22	-0.97 – 1.40	0.721
Declarative:S6.Tone3	0.37	-0.81 – 1.56	0.537
Declarative:S6.Tone4	-0.38	-1.56 – 0.81	0.532

Table 36. Results of linear mixed effects model on intensity range, reference category S6.Tone1.

	intensity Range		
Predictors	*Estimates*	*CI*	*p*
(Intercept)	8.18	7.16 – 9.20	<**0.001**
Declarative	-0.80	-1.64 – 0.04	0.061
S5.Tone4	9.86	8.97 – 10.74	<**0.001**
S5.Tone3	9.11	8.23 – 10.00	<**0.001**
S5.Tone2	8.16	7.28 – 9.05	<**0.001**
S5.Tone1	14.92	14.08 – 15.76	<**0.001**
S4	6.57	5.89 – 7.26	<**0.001**
S3	10.11	9.42 – 10.79	<**0.001**
S1	-0.70	-1.39 – -0.02	**0.045**
S2	12.40	11.72 – 13.09	<**0.001**
S6.Tone2	-0.87	-1.76 – 0.02	0.054
S6.Tone3	-1.05	-1.94 – -0.17	**0.020**
S6.Tone4	-0.14	-1.02 – 0.75	0.762
Declarative:S5.Tone4	0.12	-1.06 – 1.30	0.844
Declarative:S5.Tone3	0.32	-0.86 – 1.50	0.596
Declarative:S5.Tone2	0.67	-0.51 – 1.86	0.264
Declarative:S5.Tone1	0.52	-0.66 – 1.70	0.387
Declarative:S4	1.33	0.40 – 2.27	**0.005**
Declarative:S3	0.73	-0.20 – 1.67	0.124
Declarative:S1	0.91	-0.03 – 1.84	0.058
Declarative:S2	0.99	0.06 – 1.93	**0.037**
Declarative:S6.Tone2	0.33	-0.85 – 1.52	0.579
Declarative:S6.Tone3	0.49	-0.69 – 1.67	0.415
Declarative:S6.Tone4	-0.26	-1.44 – 0.92	0.669

Table 37. Results of linear mixed effects model on intensity range, reference category S6.Tone2.

Predictors	Estimates	CI	p
		intensity Range	
(Intercept)	7.31	6.29 – 8.33	<**0.001**
Declarative	-0.46	-1.30 – 0.37	0.276
S6.Tone1	0.87	-0.02 – 1.76	0.054
S5.Tone4	10.73	9.84 – 11.61	<**0.001**
S5.Tone3	9.98	9.10 – 10.87	<**0.001**
S5.Tone2	9.03	8.20 – 9.87	<**0.001**
S5.Tone1	15.79	14.90 – 16.67	<**0.001**
S4	7.44	6.76 – 8.12	<**0.001**
S3	10.98	10.29 – 11.66	<**0.001**
S1	0.17	-0.51 – 0.85	0.627
S2	13.27	12.59 – 13.96	<**0.001**
S6.Tone3	-0.18	-1.07 – 0.70	0.686
S6.Tone4	0.73	-0.15 – 1.62	0.104
Declarative:S6.Tone1	-0.33	-1.52 – 0.85	0.579
Declarative:S5.Tone4	-0.22	-1.40 – 0.97	0.721
Declarative:S5.Tone3	-0.01	-1.20 – 1.17	0.981
Declarative:S5.Tone2	0.34	-0.84 – 1.52	0.574
Declarative:S5.Tone1	0.19	-1.00 – 1.37	0.757
Declarative:S4	1.00	0.06 – 1.93	**0.036**
Declarative:S3	0.40	-0.53 – 1.33	0.401
Declarative:S1	0.57	-0.36 – 1.50	0.232
Declarative:S2	0.66	-0.28 – 1.59	0.167
Declarative:S6.Tone3	0.16	-1.03 – 1.34	0.795
Declarative:S6.Tone4	-0.59	-1.78 – 0.59	0.325

Table 38. Results of linear mixed effects model on intensity range, reference category S6.Tone3

Predictors	Estimates	CI	p
		intensity Range	
(Intercept)	7.13	6.11 – 8.14	<**0.001**
Declarative	-0.31	-1.14 – 0.53	0.471
S6.Tone2	0.18	-0.70 – 1.07	0.686
S6.Tone1	1.05	0.17 – 1.94	**0.020**
S5.Tone4	10.91	10.03 – 11.80	<**0.001**
S5.Tone3	10.16	9.33 – 11.00	<**0.001**
S5.Tone2	9.22	8.33 – 10.10	<**0.001**
S5.Tone1	15.97	15.09 – 16.86	<**0.001**
S4	7.62	6.94 – 8.31	<**0.001**
S3	11.16	10.47 – 11.84	<**0.001**
S1	0.35	-0.33 – 1.04	0.314
S2	13.46	12.77 – 14.14	<**0.001**
S6.Tone4	0.92	0.03 – 1.80	**0.043**
Declarative:S6.Tone2	-0.16	-1.34 – 1.03	0.795
Declarative:S6.Tone1	-0.49	-1.67 – 0.69	0.415
Declarative:S5.Tone4	-0.37	-1.56 – 0.81	0.537
Declarative:S5.Tone3	-0.17	-1.35 – 1.01	0.776
Declarative:S5.Tone2	0.18	-1.00 – 1.36	0.763
Declarative:S5.Tone1	0.03	-1.15 – 1.21	0.961
Declarative:S4	0.84	-0.09 – 1.78	0.078
Declarative:S3	0.24	-0.69 – 1.18	0.610
Declarative:S1	0.41	-0.52 – 1.35	0.386
Declarative:S2	0.50	-0.43 – 1.44	0.293
Declarative:S6.Tone4	-0.75	-1.93 – 0.43	0.214

Table 39. Results of linear mixed effects model on intensity range, reference category S6.Tone4.

Predictors	Estimates	CI	p
	intensity Range		
(Intercept)	8.04	7.03 – 9.06	<**0.001**
Declarative	-1.06	-1.89 – -0.22	**0.013**
S6.Tone3	-0.92	-1.80 – -0.03	**0.043**
S6.Tone2	-0.73	-1.62 – 0.15	0.104
S6.Tone1	0.14	-0.75 – 1.02	0.762
S5.Tone4	10.00	9.16 – 10.83	<**0.001**
S5.Tone3	9.25	8.36 – 10.13	<**0.001**
S5.Tone2	8.30	7.42 – 9.19	<**0.001**
S5.Tone1	15.06	14.17 – 15.94	<**0.001**
S4	6.71	6.02 – 7.39	<**0.001**
S3	10.24	9.56 – 10.93	<**0.001**
S1	-0.56	-1.25 – 0.12	0.106
S2	12.54	11.86 – 13.23	<**0.001**
Declarative:S6.Tone3	0.75	-0.43 – 1.93	0.214
Declarative:S6.Tone2	0.59	-0.59 – 1.78	0.325
Declarative:S6.Tone1	0.26	-0.92 – 1.44	0.669
Declarative:S5.Tone4	0.38	-0.81 – 1.56	0.532
Declarative:S5.Tone3	0.58	-0.60 – 1.76	0.338
Declarative:S5.Tone2	0.93	-0.25 – 2.11	0.122
Declarative:S5.Tone1	0.78	-0.40 – 1.96	0.196
Declarative:S4	1.59	0.66 – 2.53	**0.001**
Declarative:S3	0.99	0.06 – 1.93	**0.037**
Declarative:S1	1.16	0.23 – 2.10	**0.015**
Declarative:S2	1.25	0.32 – 2.19	**0.009**

References

Lüdecke, D. (2019) *sjPlot: Data Visualization for Statistics in Social Science.* doi: 10.5281/zenodo.1308157, R package version 2.7.0, https://CRAN.R-project.org/package=sjPlot