

Supplemental Material S1. Rasch and 2PL item fit statistic.

Grammatical Form	Item	Rasch – Whole Sample				2PL – Whole Sample				2PL – DLD				2PL – TD			
		χ^2	df	RMSEA	p	χ^2	df	RMSEA	p	χ^2	df	RMSEA	p	χ^2	df	RMSEA	p
Simple Intransitive Sentence	1	24.59	20	0.03	.22	25.96	22	0.03	0.25	3.93	1	<u>0.33</u>	<u>0.05</u>	17.71	15	0.04	0.28
	2	35.49	19	<u>0.07</u>	<u>.01</u>	34.59	23	<u>0.05</u>	0.06	1.38	2	0.00	0.50	13.78	16	0.00	0.62
	3	24.00	20	0.03	.24	25.12	20	0.04	0.20	0.56	1	0.00	0.45	16.42	15	0.03	0.35
	4	11.36	20	0.00	.94	9.76	17	0.00	0.91	0.17	1	0.00	0.68	7.33	11	0.00	0.77
Ditransitive Verb	5	12.76	15	0.00	.62	16.16	17	0.00	0.51	NA	0	NA	NA	4.44	9	0.00	0.88
	6	22.83	21	0.02	.35	19.66	22	0.00	0.60	2.56	2	<u>0.10</u>	0.28	15.75	15	0.02	0.40
	7	22.36	19	0.03	.27	22.08	18	0.03	0.23	1.00	1	0.00	0.32	11.16	12	0.00	0.51
	8	16.12	20	0.00	.71	15.83	20	0.00	0.73	NA	NA	NA	NA	12.20	13	0.00	0.51
Aspect	9	27.37	19	0.05	.10	26.25	16	<u>0.06</u>	0.05	0.78	1	0.00	0.38	10.63	11	0.00	0.48
	10	21.73	20	0.02	.36	20.74	23	0.00	0.60	0.34	2	0.00	0.84	10.75	13	0.00	0.63
	11	20.13	19	0.02	.39	18.73	19	0.00	0.47	0.02	1	0.00	0.89	15.45	12	0.05	0.22
	12	20.06	14	0.05	.13	20.33	14	0.05	0.12	NA	0	NA	NA	16.78	9	<u>0.08</u>	0.05
Passive	13	19.17	20	0.00	.51	19.27	21	0.00	0.57	NA	0	NA	NA	16.80	13	0.05	0.21
	14	22.49	20	0.03	.31	17.44	16	0.02	0.36	NA	0	NA	NA	12.28	11	0.03	0.34
	15	19.63	20	0.00	.48	19.36	19	0.01	0.43	NA	0	NA	NA	14.77	15	0.00	0.47
	16	20.83	20	0.01	.41	20.23	21	0.00	0.51	NA	0	NA	NA	13.14	14	0.00	0.52
Classifier	17	20.10	17	0.03	.27	15.80	13	0.03	0.26	NA	NA	NA	NA	7.43	7	0.02	0.39
	18	18.21	20	0.00	.57	17.69	21	0.00	0.67	NA	0	NA	NA	13.17	18	0.00	0.78
	19	18.64	20	0.00	.55	17.40	19	0.00	0.56	NA	0	NA	NA	21.38	14	<u>0.07</u>	0.09
	20	16.38	20	0.00	.69	16.36	19	0.00	0.63	NA	NA	NA	NA	14.35	18	0.00	0.71
Adverbial Clause	21	13.04	20	0.00	.88	13.47	20	0.00	0.86	NA	NA	NA	NA	15.64	12	<u>0.05</u>	0.21
	22	30.45	20	<u>0.05</u>	.06	27.37	22	0.04	0.20	5.05	2	<u>0.24</u>	0.08	31.13	16	<u>0.09</u>	<u>0.01</u>
	23	12.87	20	0.00	.88	11.10	22	0.00	0.97	2.36	3	0.00	0.50	11.11	16	0.00	0.80
	24	14.88	18	0.00	.67	9.23	16	0.00	0.90	NA	0	NA	NA	10.70	15	0.00	0.77
Object Complement Clause	25	21.84	20	0.02	.35	16.81	16	0.02	0.40	0.39	2	0.00	0.82	6.84	12	0.00	0.87
	26	14.17	20	0.00	.82	14.33	20	0.00	0.81	NA	0	NA	NA	12.73	14	0.00	0.55
	27	13.37	20	0.00	.86	8.95	16	0.00	0.92	NA	0	NA	NA	10.89	14	0.00	0.69
	28	14.89	19	0.00	.73	11.40	16	0.00	0.78	0.72	1	0.00	0.40	9.38	13	0.00	0.74
Relative Clause: Object	29	26.39	19	0.04	.12	26.12	17	<u>0.05</u>	0.07	NA	0	NA	NA	19.09	16	0.04	0.26
	30	47.13	20	<u>0.08</u>	<u><.01</u>	25.17	27	0.00	0.56	1.92	2	0.00	0.38	16.89	21	0.00	0.72
	31	18.16	20	0.00	.58	14.54	23	0.00	0.91	0.44	1	0.00	0.51	24.49	18	<u>0.05</u>	0.14
	32	21.82	21	0.01	.41	22.70	21	0.02	0.36	0.37	1	0.00	0.55	17.50	14	0.05	0.23
Relative Clause: Subject	33	9.66	7	0.04	.21	6.55	5	0.04	0.26	NA	NA	NA	NA	4.27	5	0.00	0.51
	34	12.86	20	0.00	.88	12.38	19	0.00	0.87	0.14	1	0.00	0.71	12.15	15	0.00	0.67
	35	11.63	16	0.00	.77	17.24	17	0.01	0.44	NA	NA	NA	NA	19.63	14	<u>0.06</u>	0.14
	36	16.81	21	0.00	.72	14.04	17	0.00	0.66	NA	0	NA	NA	8.04	10	0.00	0.62
Negation	37	21.98	20	0.02	.34	17.48	22	0.00	0.74	0.87	1	0.00	0.35	16.34	19	0.00	0.63
	38	16.85	20	0.00	.66	16.81	20	0.00	0.66	1.32	1	<u>0.11</u>	0.25	10.07	13	0.00	0.69
	39	19.44	17	0.03	.30	16.04	17	0.00	0.52	NA	0	NA	NA	8.62	12	0.00	0.73
	40	25.49	21	0.03	.23	24.18	20	0.03	0.23	1.39	1	<u>0.12</u>	0.24	10.64	12	0.00	0.56

Note. Bolded and underlined statistics in red text indicate problematic fit. NA values indicate that there was insufficient data or variance to estimate individual item fit.