

Appendix 1. Analysis of lexical features

Lexical Features Groups	Indices	Main Effect				Interaction	
		Attempt		Proficiency Group		Attempt-by-Proficiency	
		F(2, 1118)	<i>p</i> value	F(2, 559)	<i>p</i> value	F(4, 1118)	<i>p</i> value
Word Information	MRC_Familiarity_CW	7.32	< .001	63.28	< .001	0.14	.966
	MRC_Concreteness_CW	0.43	.653	5.09	.006	0.50	.738
	MRC_Imageability_CW	0.26	.774	6.56	.002	1.13	.342
	MRC_Familiarity_FW	0.17	.846	16.21	< .001	0.33	.864
	MRC_Concreteness_FW	2.80	.061	55.25	< .001	1.06	.374
	MRC_Imageability_FW	3.14	.043	63.34	< .001	1.95	.100
	MRC_Meaningfulness_FW	3.08	.047	71.71	< .001	2.12	.076
Frequency	BNC_Written_Freq_CW_Log	4.73	.009	36.54	< .001	0.71	.588
	BNC_Spoken_Freq_CW_Log	7.08	< .001	75.16	< .001	0.30	.877
	BNC_Written_Freq_FW_Log	1.15	.318	30.58	< .001	1.23	.296
	BNC_Spoken_Freq_FW_Log	0.37	.692	12.68	< .001	0.64	.632
	BNC_Spoken_Bigram_Normed_Freq_Log	0.37	.689	15.08	< .001	1.38	.240
	BNC_Written_Bigram_Freq_Normed_Log	0.07	.931	4.12	.017	0.68	.608
	BNC_Spoken_Trigram_Normed_Freq_Log	0.15	.863	3.72	.025	0.47	.757
	BNC_Written_Trigram_Freq_Normed_Log	2.25	.106	26.36	< .001	0.35	.842
	BNC_Spoken_Bigram_Proportion	0.44	.643	4.42	.012	0.43	.790
	BNC_Written_Bigram_Proportion	0.07	.934	4.98	.007	0.53	.714

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Frequency - continued	BNC_Spoken_Trigram_Proportion	0.38	.687	1.86	.156	0.47	.760
	BNC_Written_Trigram_Proportion	0.01	.996	10.86	< .001	0.35	.841
Range	BNC_Written_Range_CW	4.67	.009	35.05	< .001	1.21	.305
	BNC_Spoken_Range_CW	7.25	< .001	71.95	< .001	0.51	.729
	BNC_Written_Range_FW	0.01	.996	19.88	< .001	1.14	.335
	BNC_Spoken_Range_FW	0.34	.711	17.55	< .001	1.08	.367
Diversity	MATTR	6.05	.002	67.57	< .001	0.98	.417
	MTLD	8.11	< .001	48.05	< .001	0.66	.620

Appendix 2. Analysis of cohesion features

Cohesion Feature Groups	Indices	Main Effect				Interaction	
		Attempt		Proficiency Group		Attempt-by- Proficiency	
		F(2, 1118)	<i>p</i> value	F(2, 559)	<i>p</i> value	F(4, 1118)	<i>p</i> value
Givenness	Pronoun_Density	0.25	.777	2.57	.077	0.81	.521
	Pronoun_Noun_Ratio	0.01	.990	1.93	.146	0.43	.786
	Repeated_Content_Lemmas	7.39	< .001	12.73	< .001	1.99	.094
	Repeated_Content_and _Pronoun_Lemmas	5.45	.004	9.86	< .001	1.75	.138
Connectives	Basic_Connectives	0.62	.541	24.01	< .001	0.25	.911
	Conjunctions	0.55	.579	5.66	.004	1.55	.186
	Disjunctions	0.98	.376	15.76	< .001	1.47	.208
	Lexical_Subordinators	0.10	.905	3.73	.025	1.82	.123
	Coordinating_Conjuncts	0.28	.759	15.46	< .001	1.55	.187
	Addition	2.08	.125	1.00	.369	0.58	.680
	Sentence_Linking	1.35	.260	8.90	< .001	0.54	.706
	Order	1.10	.333	2.16	.116	0.97	.421
	Reason_and_Purpose	1.59	.204	3.36	.035	1.12	.348
	All_Causal	0.20	.816	38.51	< .001	1.27	.279
	Positive_Causal	1.06	.348	15.02	< .001	0.86	.485
	Opposition	1.63	.197	3.71	.025	0.46	.766
	Determiners	2.56	.078	14.45	< .001	0.81	.518
	All_Demonstratives	1.38	.253	0.22	.802	0.62	.647
	Attended_Demonstratives	0.37	.688	2.40	.092	0.65	.625
Unattended_Demonstratives	1.77	.170	0.25	.780	0.48	.751	
All_Additive	0.70	.496	1.21	.298	0.45	.771	

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		F(2, 1118)	<i>p</i> value	F(2, 559)	<i>p</i> value	F(4, 1118)	<i>p</i> value
Connectives - continued	All_Logical	0.06	.941	10.44	< .001	1.30	.269
	Positive_Logical	0.81	.445	4.73	.009	1.21	.306
	Negative_Logical	1.98	.139	3.39	.034	0.51	.731
	All_Temporal	0.93	.395	12.23	< .001	1.02	.396
	Positive_Intentional	0.11	.898	14.91	< .001	1.25	.290
	All_Positive	0.45	.636	7.12	< .001	0.60	.659
	All_Negative	0.34	.713	5.59	.004	0.34	.849
	All_Connective	0.42	.654	0.89	.413	0.27	.900
Semantic Overlap	Syn_Overlap_Sent_Noun	0.69	.500	4.49	.011	0.48	.749
	Syn_Overlap_Sent_Verb	3.11	.045	13.06	< .001	2.03	.088
Lexical Overlap	Adjacent_Overlap_All _Sent_Div_Seg	2.45	.087	0.71	.493	1.14	.335
	Adjacent_Overlap_Binary _All_Sent	3.57	.029	33.15	< .001	1.95	.100
	Adjacent_Overlap_2 _All_Sent_Div_Seg	2.09	.125	3.19	.042	0.09	.986
	Adjacent_Overlap_Binary _2_All_Sent	2.23	.108	45.00	< .001	1.56	.183

Appendix 3. Analysis of syntactic features

Syntactic Feature Groups	Components	Main Effect				Interaction	
		Attempt		Proficiency Group		Attempt-by- Proficiency	
		F(2, 1118)	<i>p</i> value	F(2, 559)	<i>p</i> value	F(4, 1118)	<i>p</i> value
Noun Phrase Complexity	NP_Elaboration	5.61	<b>.005</b>	73.85	< <b>.001</b>	2.01	.090
	Nouns_as_Modifiers	2.55	.078	10.98	< <b>.001</b>	2.38	.050
	Determiners	3.32	.037	34.57	< <b>.001</b>	2.01	.091
	Possessives	3.26	.039	5.12	.006	0.51	.726
Usage-Based Syntactic Sophistication	Verb_VAC_Frequency	0.02	.977	6.46	<b>.002</b>	1.04	.388
	VAC_Frequency	1.67	.189	10.75	< <b>.001</b>	1.33	.257
	Association_Strength	0.79	.454	3.24	.040	0.65	.630
	Diversity_and_Frequency	2.33	.098	21.67	< <b>.001</b>	1.97	.096
	Frequency	2.10	.123	23.05	< <b>.001</b>	2.68	.030