

Significant Feature Correlations with ToM Performance
(* p<0.05, ** p<0.01, *** p<0.001)

Question_Complexity_Score	0.16			-0.14	-0.21	-0.13	-0.26
Story_MS_Embedding_Max_Depth	-0.22			0.17	0.26	0.16	0.34
Story_MS_Embedding_Avg_Depth	-0.19			0.17	0.25	0.15	0.34
Story_MS_Clause_Count	-0.28			0.18	0.27	0.16	0.32
Story_Perspective_Markers	-0.07	-0.07	-0.07				
Story_Subject_Changes	-0.19			0.12	0.17	0.10	0.19
Story_Perspective_Complexity	-0.18			0.10	0.15	0.08	0.18
Story_Recursive_MS_Max_Depth	-0.14			0.10	0.14	0.08	0.13
Story_Recursive_MS_Chains	-0.13			0.10	0.14	0.08	0.15
Story_Pronoun_Count	-0.32	0.09	0.08	0.22	0.23	0.17	0.18
Story_Entity_Count	-0.16	0.10	0.08	0.16	0.17	0.14	0.20
Story_Coref_Complexity	-0.18	0.05	0.06	0.15	0.16	0.13	0.12
Story_MS_Contradictions	-0.19			0.11	0.14	0.08	0.13
Story_False_Belief_Score	-0.19			0.11	0.14	0.08	0.13
Story_MS_Total_Args	-0.24			0.14	0.24	0.13	0.28
Story_MS_Complex_Args	-0.18	-0.07		0.09	0.20	0.09	0.20
Story_MS_Arg_Complexity	-0.25	-0.08	-0.07	0.12	0.23	0.10	0.27
Story_Temporal_Markers	-0.42			0.21	0.24	0.14	0.33
Story_Tense_Variety	-0.16		-0.04	0.07	0.08		0.12
Story_Temporal_MS_Complexity	-0.29	0.07	0.04	0.18	0.19	0.14	0.22
Story_Char_Count	-0.36	0.10	0.04	0.24	0.27	0.20	0.41
Story_Alpha_Char_Ratio	0.11		0.09				-0.17
Story_Digit_Ratio	0.21	-0.62	-0.67	-0.64	-0.64	-0.69	-0.43
Story_Punct_Ratio	-0.24		-0.08	0.09	0.11	0.05	0.31
Story_Word_Count_Enhanced	-0.35	0.12	0.05	0.23	0.26	0.19	0.39
Story_Unique_Word_Ratio	-0.17	-0.31	-0.28	-0.06		-0.12	0.06
Story_Avg_Word_Length_Enhanced	-0.13	-0.10	-0.09	0.05	0.11		0.15
Story_Sentence_Count_Enhanced	-0.44		-0.07	0.24	0.32	0.17	0.52
Story_Avg_Sentence_Length	0.39	0.32	0.34		-0.12	0.08	-0.28
Story_Flesch_Reading_Ease	-0.24	-0.24	-0.26	-0.04		-0.11	0.14
Story_Flesch_Kincaid_Grade	0.34	0.33	0.35		-0.07	0.12	-0.22
Story_Automated_Readability_Index	0.35	0.34	0.36		-0.07	0.12	-0.22
Story_Sentiment_Positive	-0.17			0.22	0.31	0.20	0.33
Story_Sentiment_Negative	-0.17		0.05	0.13	0.11	0.09	
Story_Sentiment_Neutral	0.23		-0.05	-0.26	-0.34	-0.22	-0.32
Story_Sentiment_Compound	-0.15			0.15	0.25	0.15	0.34
Story_TextBlob_Polarity	-0.06			0.11	0.16	0.10	0.22
Story_TextBlob_Subjectivity	-0.31	-0.25	-0.26		0.11	-0.05	0.22
Story_Emotion_Joy_Count	-0.10			0.14	0.18	0.12	0.24
Story_Emotion_Anger_Count	-0.07			0.06	0.06	0.04	0.06
Story_MS_cognitive_verbs_basic_Count	-0.26			0.16	0.21	0.12	0.26
Story_MS_cognitive_verbs_metacognitive_Count	-0.07						
Story_MS_cognitive_verbs_Total	-0.27			0.17	0.21	0.13	0.25
Story_MS_emotional_verbs_basic_Count	-0.15			0.14	0.19	0.12	0.19
Story_MS_emotional_verbs_complex_Count	-0.05				0.05		0.06
Story_MS_emotional_verbs_Total	-0.16			0.14	0.19	0.12	0.20
Story_MS_volitional_verbs_intention_Count	-0.10	-0.04		0.05	0.12	0.06	0.13
Story_MS_volitional_verbs_decision_Count	-0.10			0.05	0.09	0.04	0.11
Story_MS_volitional_verbs_Total	-0.13	-0.04		0.06	0.14	0.07	0.16
Story_MS_perceptual_verbs_visual_Count	-0.11	0.26	0.21	0.14	0.05	0.14	
Story_MS_perceptual_verbs_auditory_Count	-0.17	0.05		0.15	0.17	0.13	0.25
Story_MS_perceptual_verbs_general_Count	-0.05			0.05	0.06	0.04	0.07
Story_MS_perceptual_verbs_Total	-0.18	0.25	0.20	0.19	0.13	0.18	0.14
Story_MS_Verb_Density	-0.13	0.07	0.10	0.16	0.20	0.16	0.15
Story_ToM_perspective_taking_Count	0.05	-0.07		-0.04			
Story_ToM_mental_state_attribution_Count	-0.06	-0.08	-0.05				
Story_ToM_Complex_Reasoning	-0.11			0.10	0.10	0.07	0.10
Story_Discourse_causal_Count	-0.19	0.09	0.07	0.18	0.20	0.16	0.24
Story_Discourse_contrast_Count	-0.18	-0.13	-0.14			-0.06	
Story_Discourse_temporal_Count	-0.37	0.04		0.19	0.20	0.13	0.29
Story_Discourse_conditional_Count	-0.11	-0.08	-0.07		0.09		0.13
Story_Lexical_Cohesion	-0.17	-0.35	-0.35	-0.15	-0.08	-0.21	
Story_Max_Dependency_Depth_Enhanced	0.21	0.27	0.26		-0.04	0.09	-0.12
Story_Avg_Dependency_Depth_Enhanced	0.37	0.30	0.31		-0.12	0.07	-0.26
Story_Total_Clauses_Enhanced	-0.23	0.18	0.15	0.25	0.30	0.26	0.40
Story_Avg_Clauses_Per_Sentence	0.34	0.33	0.35		-0.05	0.13	-0.19
Story_POS_Diversity	0.25	-0.18	-0.11	-0.20	-0.21	-0.19	-0.34
Story_Entity_Count_Enhanced	-0.26	0.10	0.04	0.17	0.19	0.14	0.31
Story_Entity_Type_Diversity	-0.19		-0.05	0.08	0.12	0.06	0.26
Story_Abstract_Word_Count	-0.09			0.08	0.11	0.08	0.15
Story_Concrete_Word_Count	-0.12		-0.07				0.08
Story_Abstract_Concrete_Ratio	-0.09			0.08	0.11	0.08	0.15
Story_Content_Word_Count	-0.35	0.04		0.19	0.23	0.14	0.39
Story_Function_Word_Count	-0.30	0.20	0.13	0.25	0.25	0.22	0.35
Story_Question_wh_questions_Count	-0.17	0.08	0.06	0.18	0.24	0.18	0.36
Story_Question_yes_no_questions_Count	-0.21	0.07	0.04	0.21	0.29	0.20	0.45
Story_Politeness_Markers	-0.13	0.06	0.04	0.17	0.24	0.17	0.37
Story_Hedging_Count	-0.17	0.09	0.07	0.13	0.13	0.11	0.14
Story_Temporal_Progression	-0.34	0.04		0.17	0.18	0.11	0.28
Story_Dialogue_Markers	-0.35	0.06		0.30	0.42	0.27	0.66
Question_Char_Count	0.20			-0.16	-0.23	-0.15	-0.27
Question_Punct_Ratio	0.08	0.11	0.10	0.06	0.07	0.09	0.11
Question_Word_Count_Enhanced	0.20			-0.15	-0.22	-0.13	-0.29
Question_Unique_Word_Ratio	-0.22	-0.23	-0.23		0.04	-0.08	0.12
Question_Avg_Sentence_Length	0.20			-0.15	-0.23	-0.13	-0.29
Question_Flesch_Kincaid_Grade	0.07	-0.11	-0.12	-0.10	-0.10	-0.11	
Question_Automated_Readability_Index	0.11	-0.11	-0.12	-0.13	-0.13	-0.13	-0.07
Question_Sentiment_Positive	-0.09			0.07	0.13	0.07	0.13
Question_Sentiment_Neutral	0.07			-0.09	-0.14	-0.09	-0.12
Question_Sentiment_Compound	-0.06	-0.11	-0.10			-0.04	
Question_TextBlob_Polarity	0.11	-0.36	-0.35	-0.29	-0.30	-0.34	-0.25
Question_TextBlob_Subjectivity	-0.07	-0.27	-0.27	-0.17	-0.21	-0.25	-0.22
Question_MS_cognitive_verbs_basic_Count	0.16	0.19	0.19	0.07	0.04	0.11	
Question_MS_cognitive_verbs_Total	0.15	0.19	0.19	0.07	0.04	0.11	
Question_MS_volitional_verbs_intention_Count	-0.12			0.06			0.06
Question_MS_volitional_verbs_Total	-0.11	-0.04	-0.05	0.04			0.05
Question_MS_perceptual_verbs_visual_Count	0.15	0.08	0.07	-0.08	-0.15	-0.06	-0.20
Question_MS_perceptual_verbs_Total	0.14	0.08	0.07	-0.07	-0.14	-0.05	-0.20
Question_MS_Verb_Density	0.05	0.14	0.15	0.07		0.08	-0.06
Question_ToM_mental_state_attribution_Count	0.05						-0.04
Question_Discourse_causal_Count	0.13	-0.09	-0.10	-0.18	-0.22	-0.18	-0.19
Question_Discourse_contrast_Count	0.13	0.11	0.13			0.05	-0.08
Question_Discourse_temporal_Count	0.19	-0.09	-0.11	-0.27	-0.38	-0.28	-0.43
Question_Discourse_conditional_Count	-0.10	0.04		0.15	0.20	0.14	0.30
Question_Max_Dependency_Depth_Enhanced	0.17	0.13	0.13		-0.10		-0.20
Question_Avg_Dependency_Depth_Enhanced	0.17	0.13	0.13		-0.10		-0.20
Question_Total_Clauses_Enhanced	0.15	-0.05	-0.06	-0.15	-0.18	-0.14	-0.18
Question_Avg_Clauses_Per_Sentence	0.15	-0.05	-0.06	-0.15	-0.19	-0.14	-0.18
Question_POS_Diversity	-0.21			0.17	0.20	0.13	0.26
Question_Entity_Count_Enhanced	0.13	0.12	0.14			0.04	-0.15
Question_Entity_Type_Diversity	0.06		0.04		-0.07		-0.17
Question_Concrete_Word_Count	0.08	-0.11					