Heatmap of text features correlation coherence analysis.best num topics - 1.00 0.26 -0.01 -0.69 0.09 -0.17 0.01 0.08 -0.02 -0.06 -0.05 -0.05 -0.07 -0.05 -0.03 -0.16 coherence analysis.entity coherence - 0.26 1.00 -0.01 -0.29 -0.19 -0.23 -0.02 -0.04 0.07 -0.09 0.02 0.07 -0.17 -0.38 -0.24 -0.01 -0.23 coherence analysis.local coherence embeddings --0.01-0.01 1.00 0.36 0.19 0.40 0.36 0.25 -0.35 0.15 -0.11 0.18 0.18 0.42 0.17 -0.32 0.35 coherence analysis.overall coherence -0.69-0.29 0.36 1.00 -0.02 0.21 0.13 0.17 -0.16 0.25 -0.15 0.14 0.10 0.35 0.31 -0.14 0.21 originality analysis.log likelihood - 0.09 -0.19 0.19 -0.02 1.00 0.56 0.02 -0.05 0.36 -0.53 0.21 0.15 0.67 0.55 -0.21 0.33 0.30 readability metrics.smog index --0.17-0.23 0.40 0.21 0.56 1.00 0.10 -0.20 0.32 -0.47 0.43 0.09 0.61 0.36 -0.12 0.38 0.43 sentiment analysis average sentiment - 0.01 - 0.02 0.36 0.13 0.02 0.10 1.00 0.13 - 0.61 - 0.03 0.26 0.07 - 0.07 - 0.06 - 0.04 - 0.14 0.25 sentiment analysis.emotional volatility - 0.08 - 0.04 0.25 0.17 - 0.05 - 0.20 0.13 1.00 - 0.30 0.37 - 0.42 0.06 - 0.10 0.23 0.22 - 0.32 0.04 sentiment analysis.variance sentiment --0.02 0.07 -0.35-0.16 0.36 0.32 -0.61-0.30 1.00 -0.45 0.22 0.01 0.42 0.03 -0.20 0.57 0.00 stylistic analysis.linguistic metrics.average sentence length --0.02-0.09 0.15 0.25 -0.53-0.47-0.03 0.37 -0.45 1.00 -0.50 0.03 -0.39 0.11 0.67 -0.52-0.15 stylistic analysis.linguistic metrics.average tree depth --0.06 0.02 -0.11-0.15 0.21 0.43 0.26 -0.42 0.22 -0.50 1.00 0.02 0.31 -0.29-0.35 0.48 0.17 stylistic analysis.linguistic metrics.lexical diversity.MTLD --0.05 0.07 0.18 0.14 0.15 0.09 0.07 0.06 0.01 0.03 0.02 1.00 0.14 0.17 0.07 0.00 0.04 stylistic analysis.linguistic metrics.max subordination depth --0.05-0.17 0.18 0.10 0.67 0.61 -0.07-0.10 0.42 -0.39 0.31 0.14 1.00 0.41 -0.06 0.42 0.31 stylistic_analysis.rhetorical_devices.variety --0.07-0.38 0.42 0.35 0.55 0.36 -0.06 0.23 0.03 0.11 -0.29 0.17 0.41 1.00 0.36 -0.09 0.24 stylistic_analysis.sentence_rhythm.std_dev_sentence_length --0.05-0.24 0.17 0.31 -0.21-0.12-0.04 0.22 -0.20 0.67 -0.35 0.07 -0.06 0.36 1.00 -0.30-0.09 thematic analysis.entropy score --0.03-0.01-0.32-0.14 0.33 0.38 -0.14-0.32 0.57 -0.52 0.48 0.00 0.42 -0.09-0.30 1.00 0.15 thematic analysis graph density --0.16-0.23 0.35 0.21 0.30 0.43 0.25 0.04 0.00 -0.15 0.17 0.04 0.31 0.24 -0.09 0.15 1.00 coherence_analysis.entity_coherence coherence_analysis.local_coherence_embeddings sentiment analysis.variance sentiment stylistic_analysis.linguistic_metrics.average_sentence_length stylistic_analysis.linguistic_metrics.average_tree_depth stylistic_analysis.linguistic_metrics.lexical_diversity.MTLD stylistic_analysis.linguistic_metrics.max_subordination_depth stylistic_analysis.sentence_rhythm.std_dev_sentence_length thematic_analysis.entropy_score coherence analysis.overall coherence originality_analysis.log_likelihood readability_metrics.smog_index sentiment_analysis.average_sentiment sentiment_analysis.emotional_volatility thematic_analysis.graph_density coherence analysis.best num topics stylistic analysis.rhetorical devices.variety

1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 -0.2-0.4-0.6