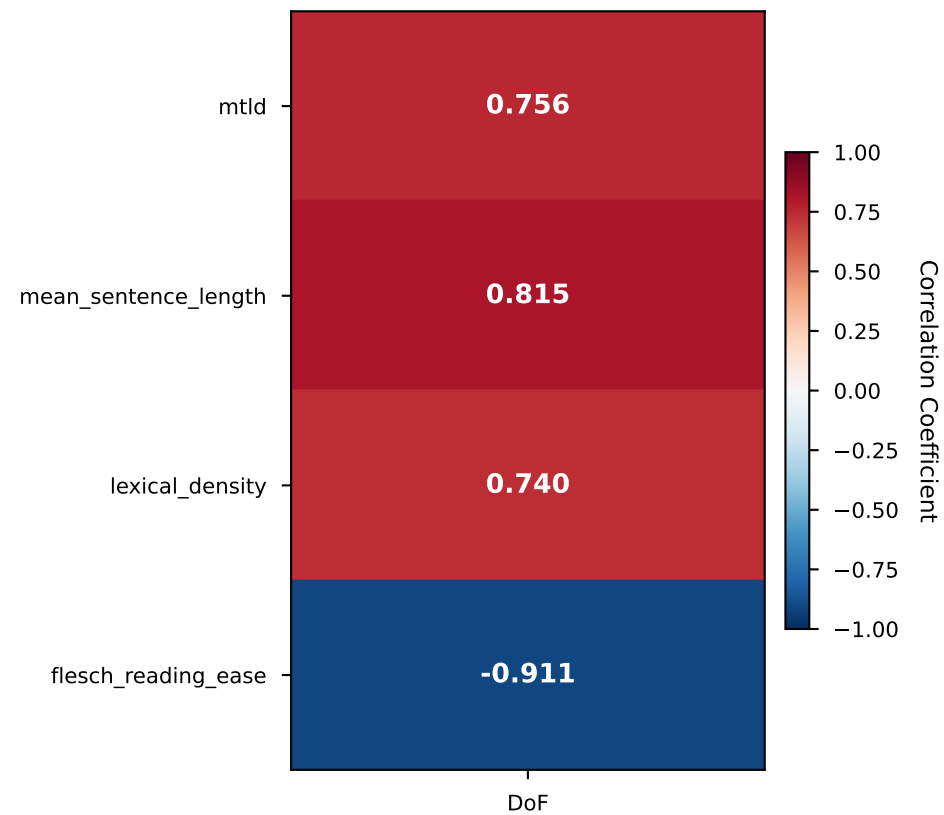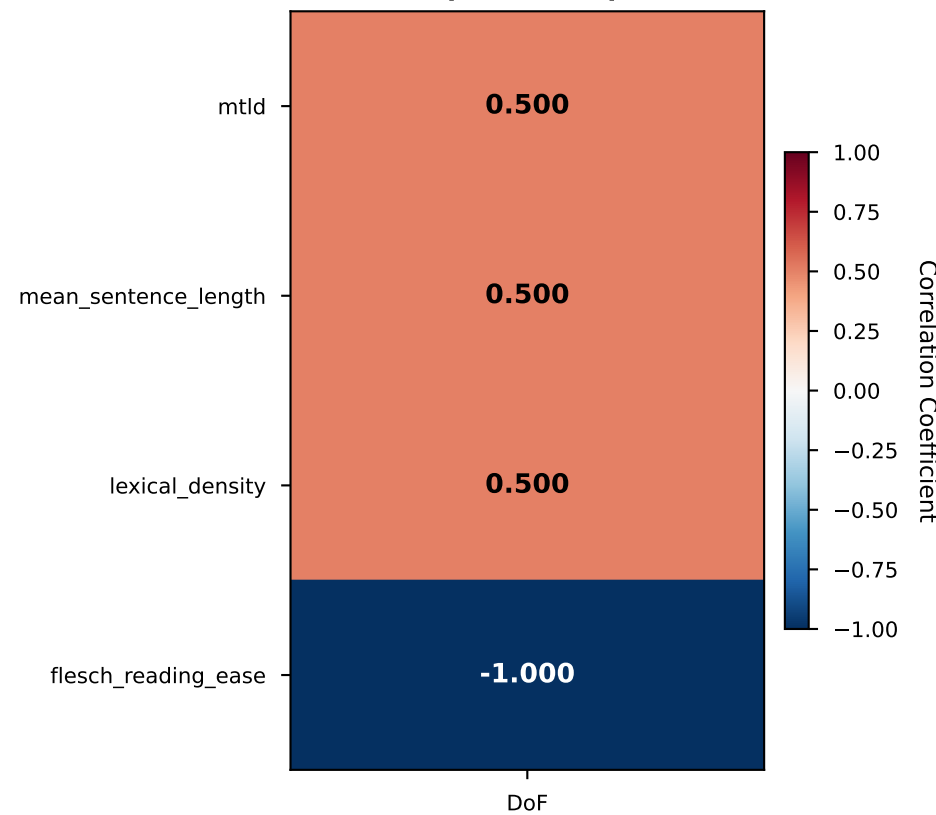Correlation Analysis: DoF vs. Linguistic Metrics