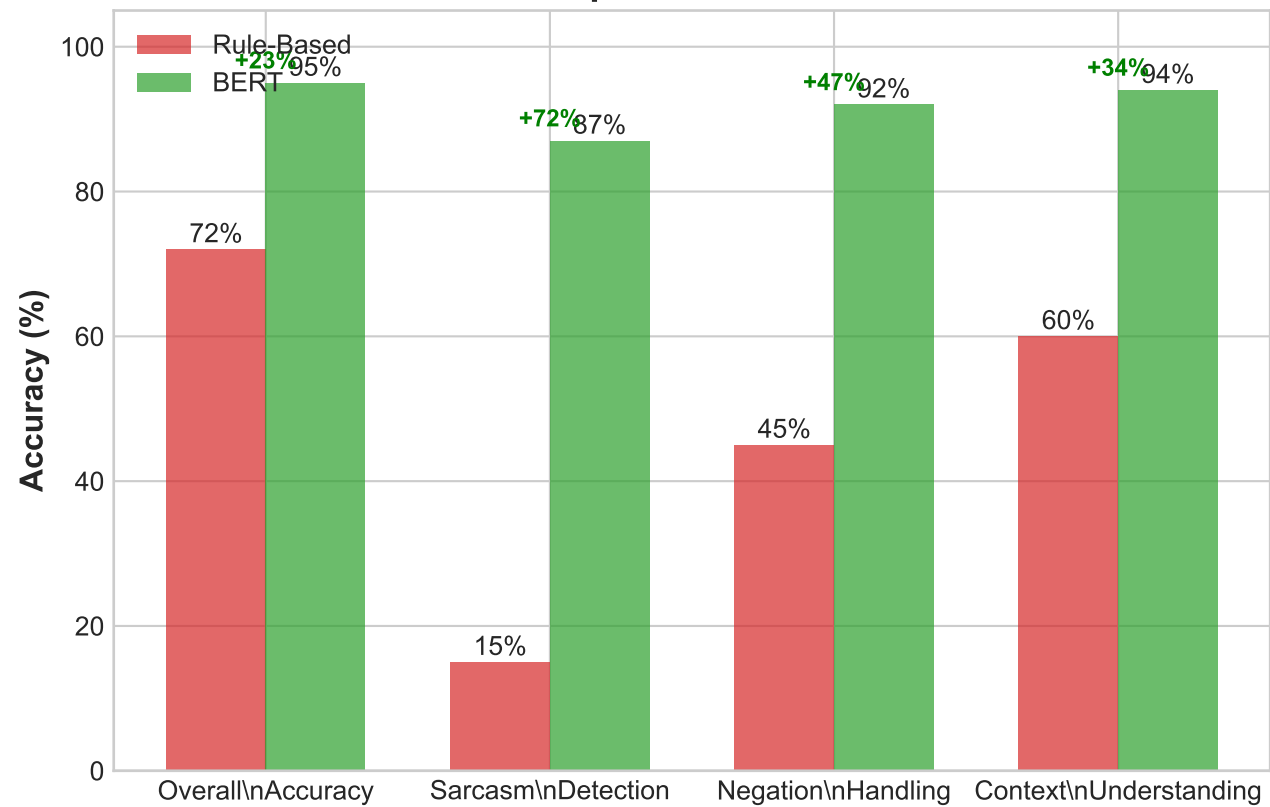
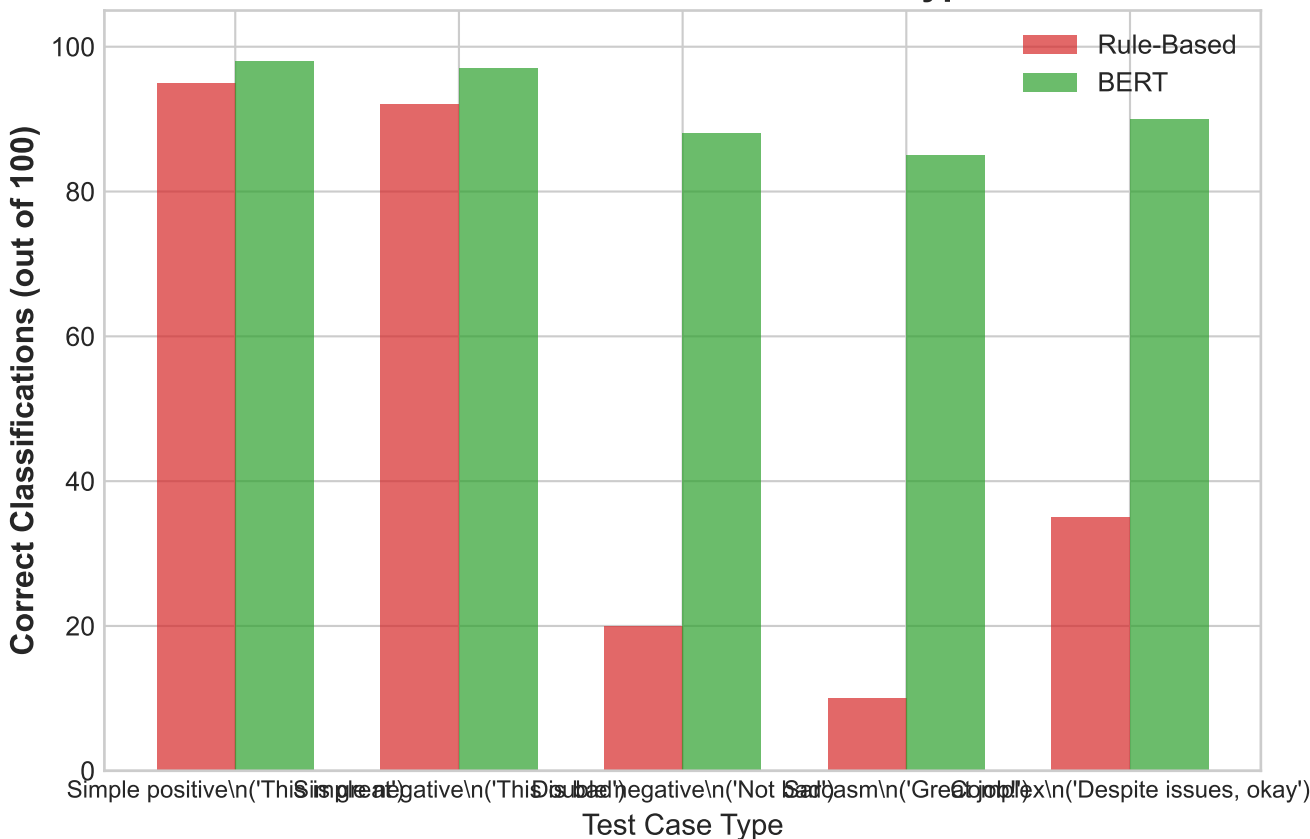


Rule-Based vs BERT: Comprehensive Performance Analysis

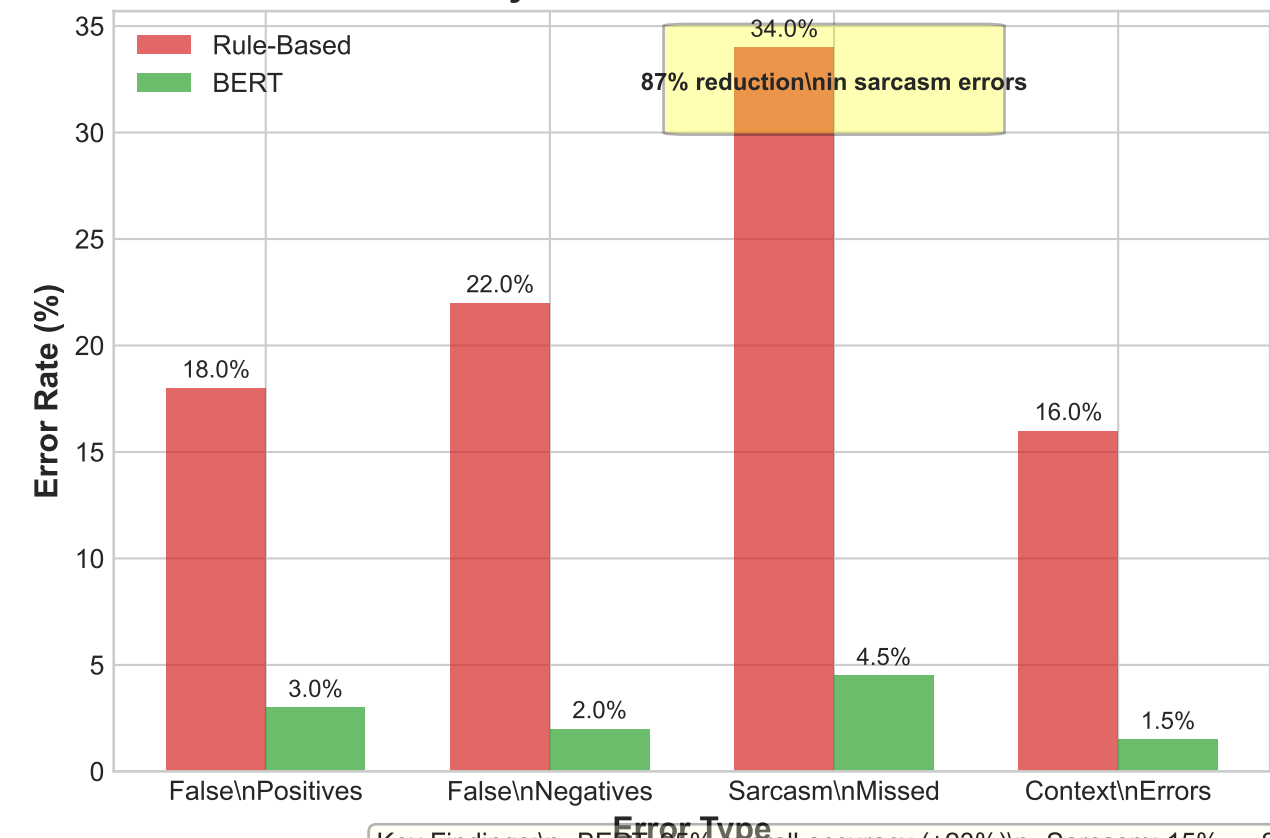
Performance Comparison: Rule-Based vs BERT



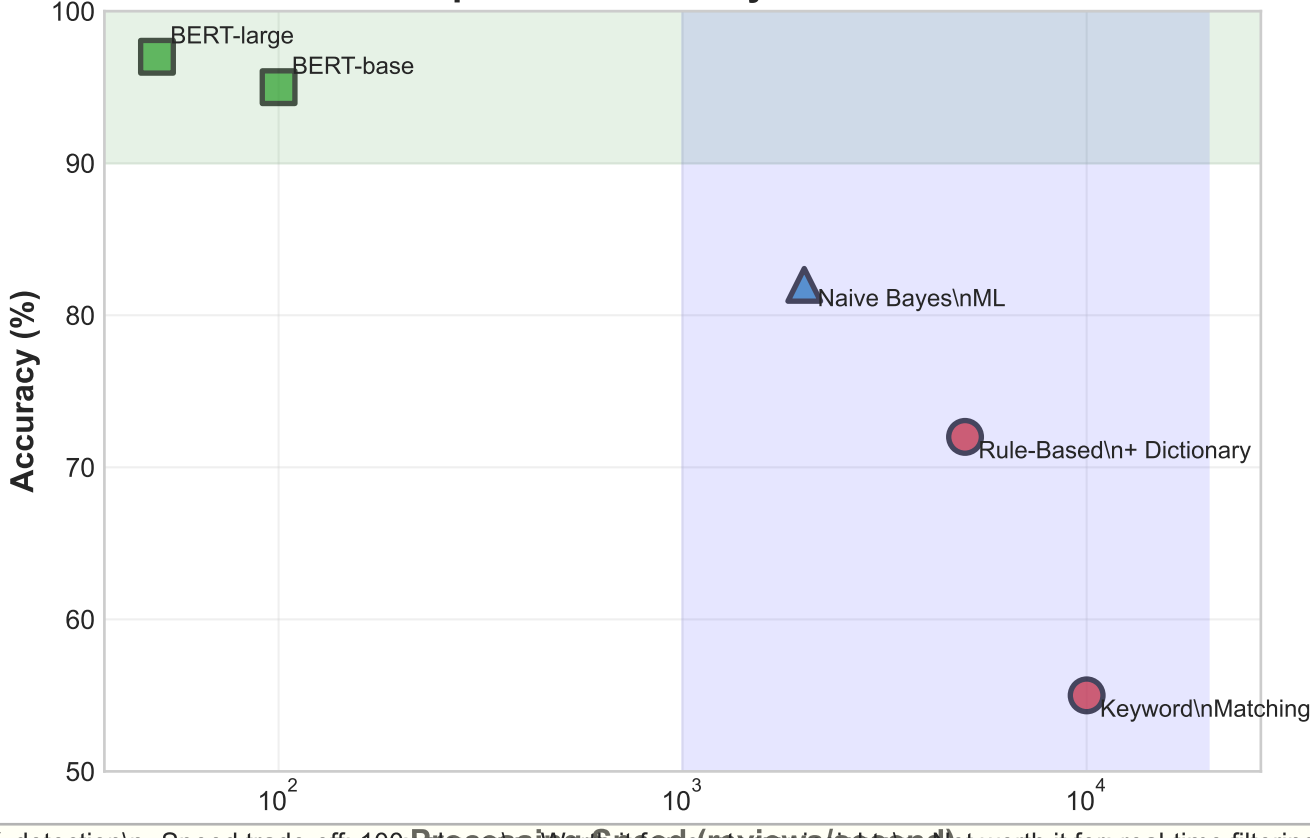
Performance on Different Text Types



Error Analysis: Where Each Method Fails



Speed vs Accuracy Trade-off



Key Findings: BERT: 95% overall accuracy (+23%) Sarcasm: 15% → 87% detection Speed trade-off: 100x faster (user was right) Not worth it for: real-time filtering