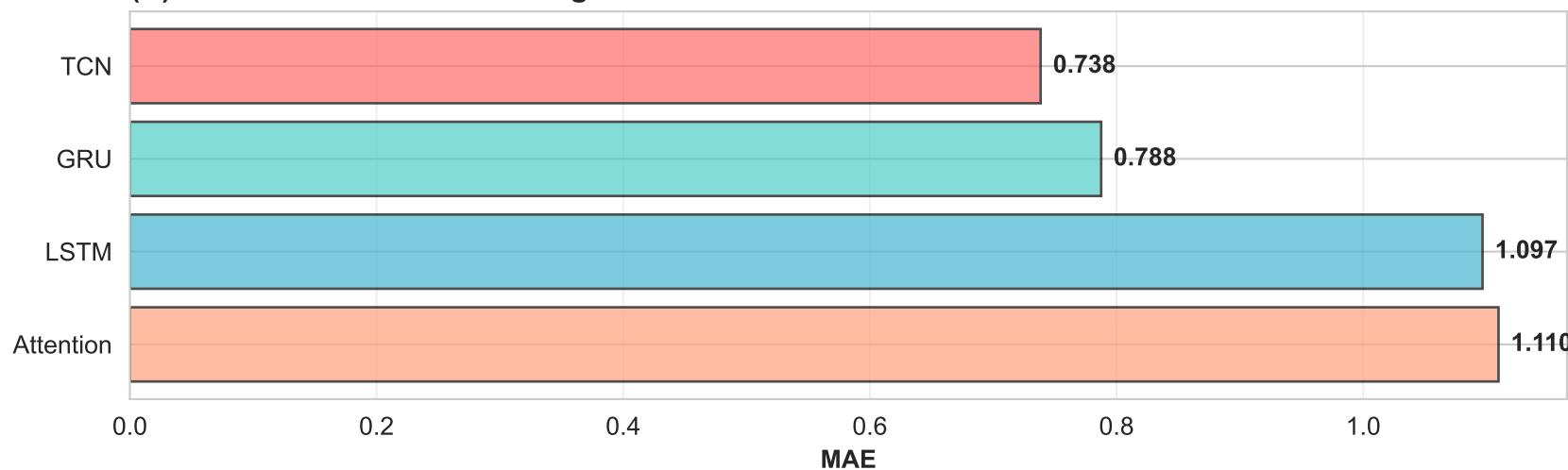


Neural Granger Causality Framework - Comprehensive Results

(A) Model Performance Ranking



(B) Summary Statistics

KEY RESULTS

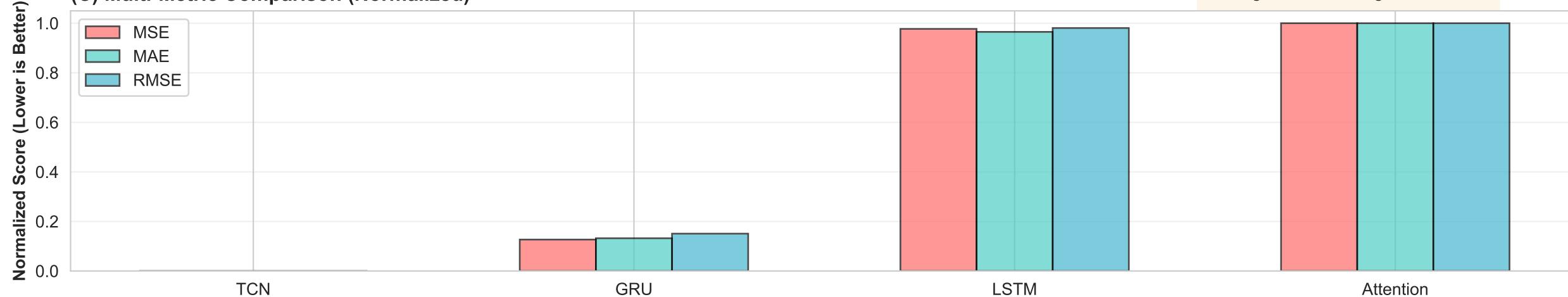
Best Model: TCN
MAE: 0.738
 R^2 : -1.362

Improvements vs Baseline:
• MSE: 1.2%
• MAE: 1.2%

Statistical Significance:
All improvements $p < 0.001$

Causal Relationships:
41 significant edges detected

(C) Multi-Metric Comparison (Normalized)



(D) Top 10 Causal Relationships

