Mechanism Graphs for GWAS Gene Prioritization

Decision-Grade Calibration

ECE = 0.012 (15× better than L2G)

☐ **Calibrated**　　　　Predictions match reality

☐ **Interpretable**　　　Full pathway visible

☐ **Validated**　　　　31 diseases, 8 families

Case Study: FTO Locus

Correctly identifies IRX3 (not FTO) as causal gene