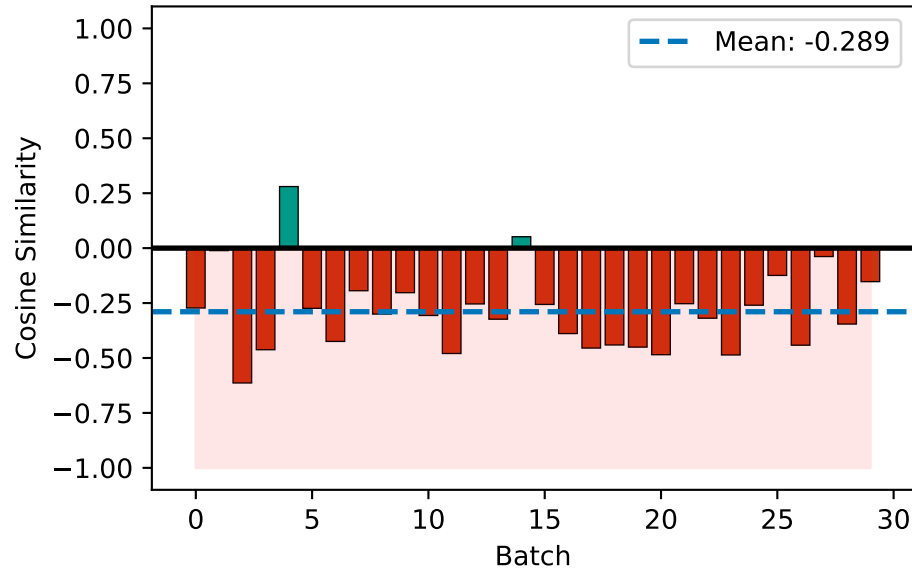
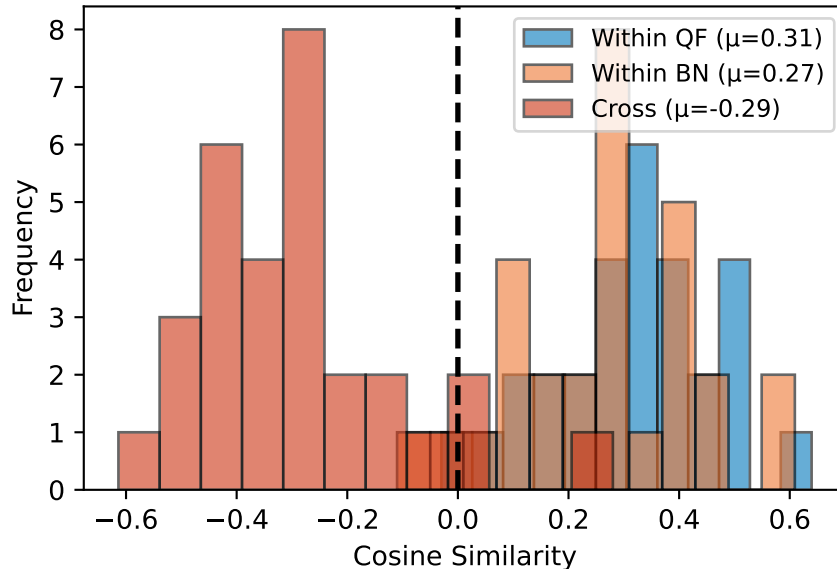


**(a) Cross-Domain Gradient Similarity
(Your SAGE Architecture)**



(b) Similarity Distribution



YOUR REAL ARCHITECTURE RESULTS

Architecture:

- Graph Type: SAGE
- GNN Layers: 2
- Parameters: 26,817
- BatchNorm: True
- Task Deps: True

Cross-Domain (QF vs BN):

- Avg Similarity: -0.289
- Conflict Rate: 93%

Within-Domain:

- QF: +0.314
- BN: +0.268

CONCLUSION:

Gradient conflict exists in your REAL GNN architecture!