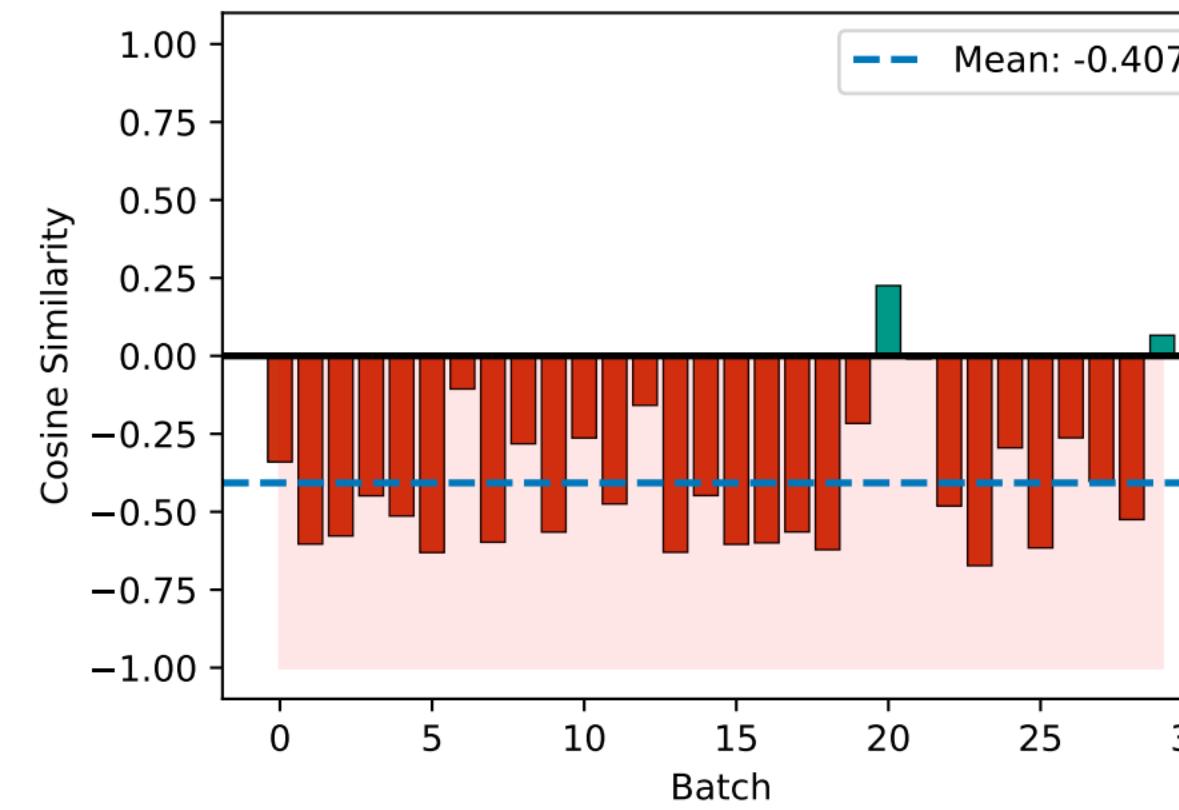
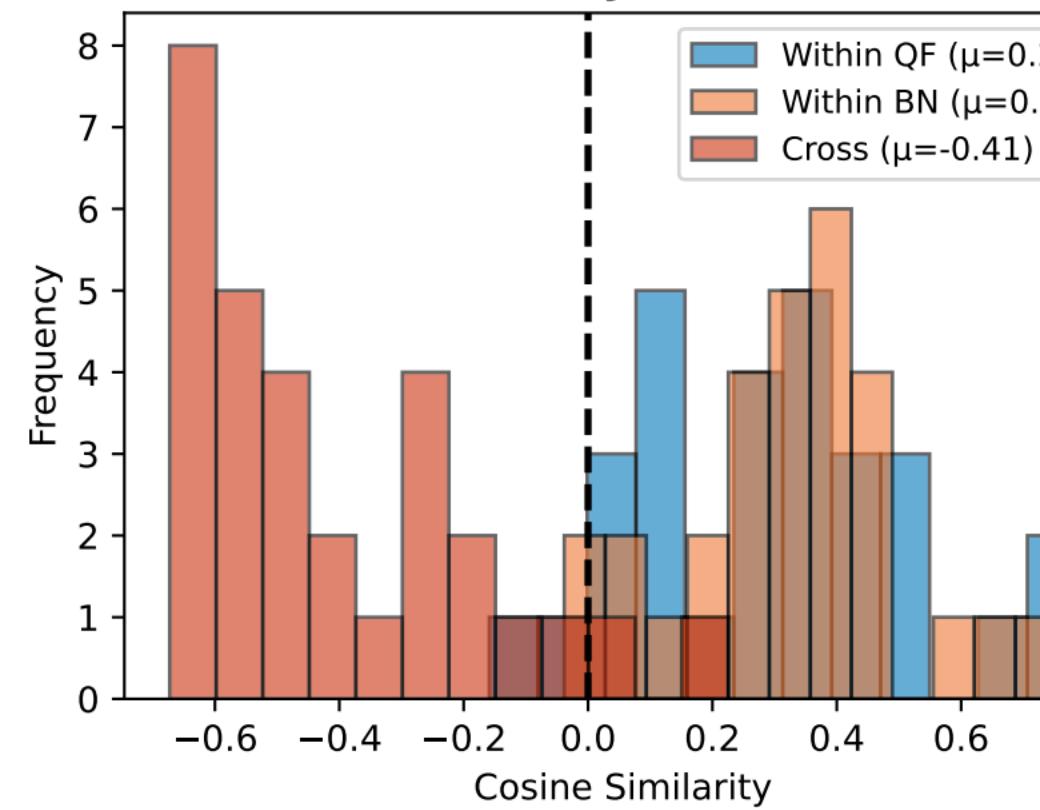


**(a) Cross-Domain Gradient Similarity
(Your HETERO Architecture)**



(b) Similarity Distribution



YOUR EXACT HETERO ARCHITECTURE

Architecture:

- Graph Type: HETERO (HeteroConv)
- Hetero Base: SAGE
- GNN Layers: 2
- Parameters: 28,897

Cross-Domain (QF vs BN):

- Avg Similarity: -0.407
- Conflict Rate: 93%

Within-Domain:

- QF: +0.290
- BN: +0.321

CONCLUSION:

Gradient conflict exists in your EXACT production architecture!