

Fine-grained experimental results of margin distributions with varying QCNN layers

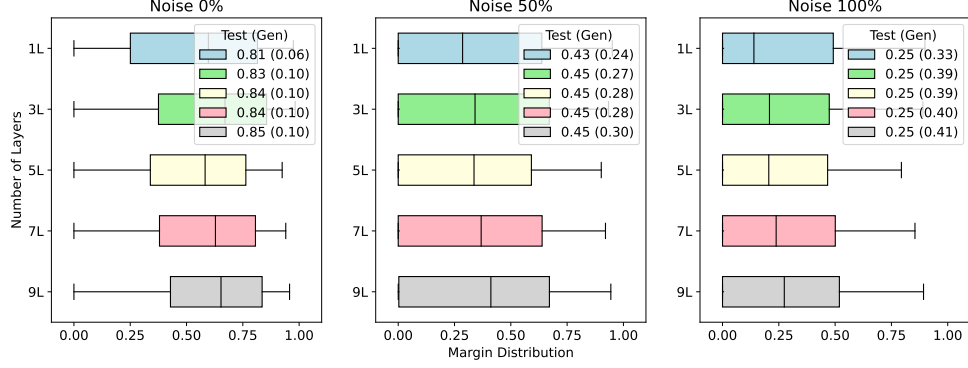


Figure 1: (Generalized Cluster Hamiltonian Model) Tukey box-and-whisker plots showing detailed margin distributions of optimized 8-qubit QCNNs with varying depths (1, 3, 5, 7, 9 layers).

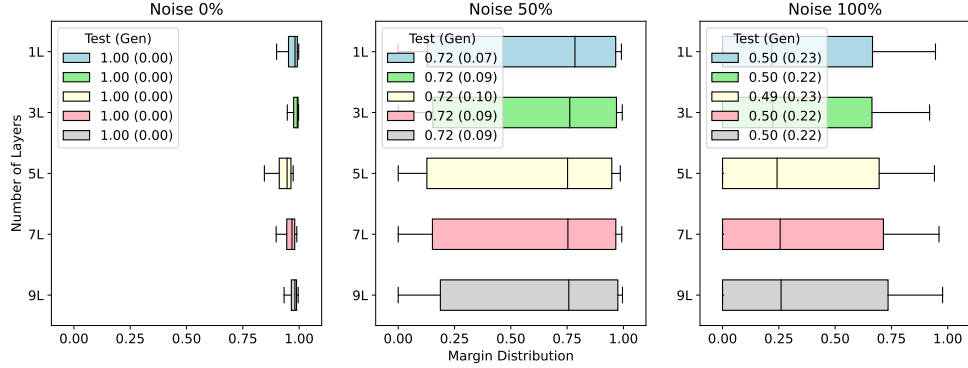


Figure 2: (Transverse Field Ising Model) Tukey box-and-whisker plots showing detailed margin distributions of optimized 8-qubit QCNNs with varying depths (1, 3, 5, 7, 9 layers)

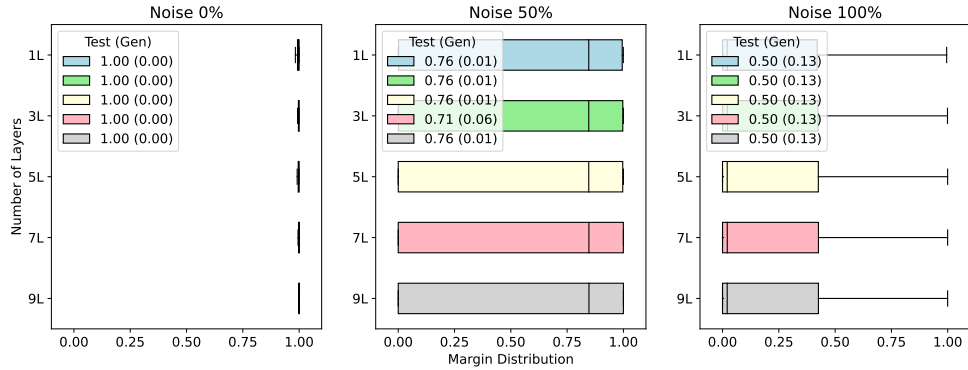


Figure 3: (XXZ-Heisenberg Model) Tukey box-and-whisker plots showing detailed margin distributions of optimized 8-qubit QCNNs with varying depths (1, 3, 5, 7, 9 layers)