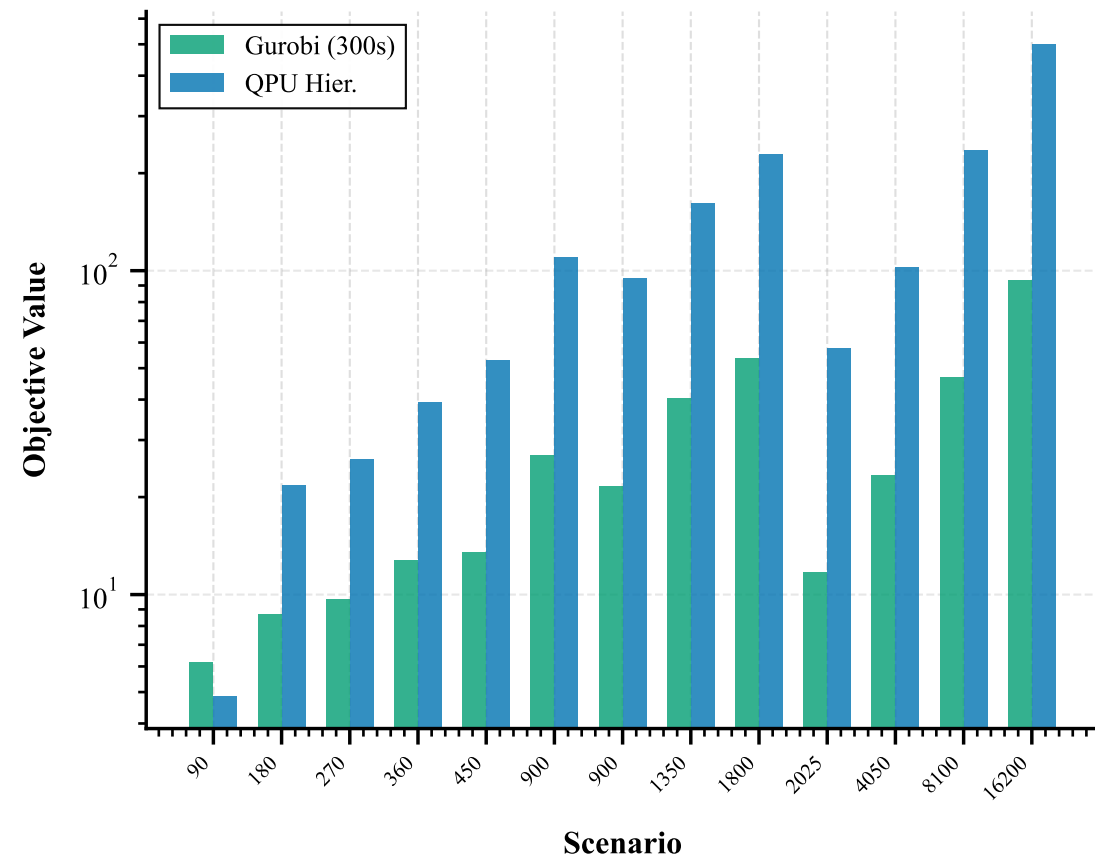
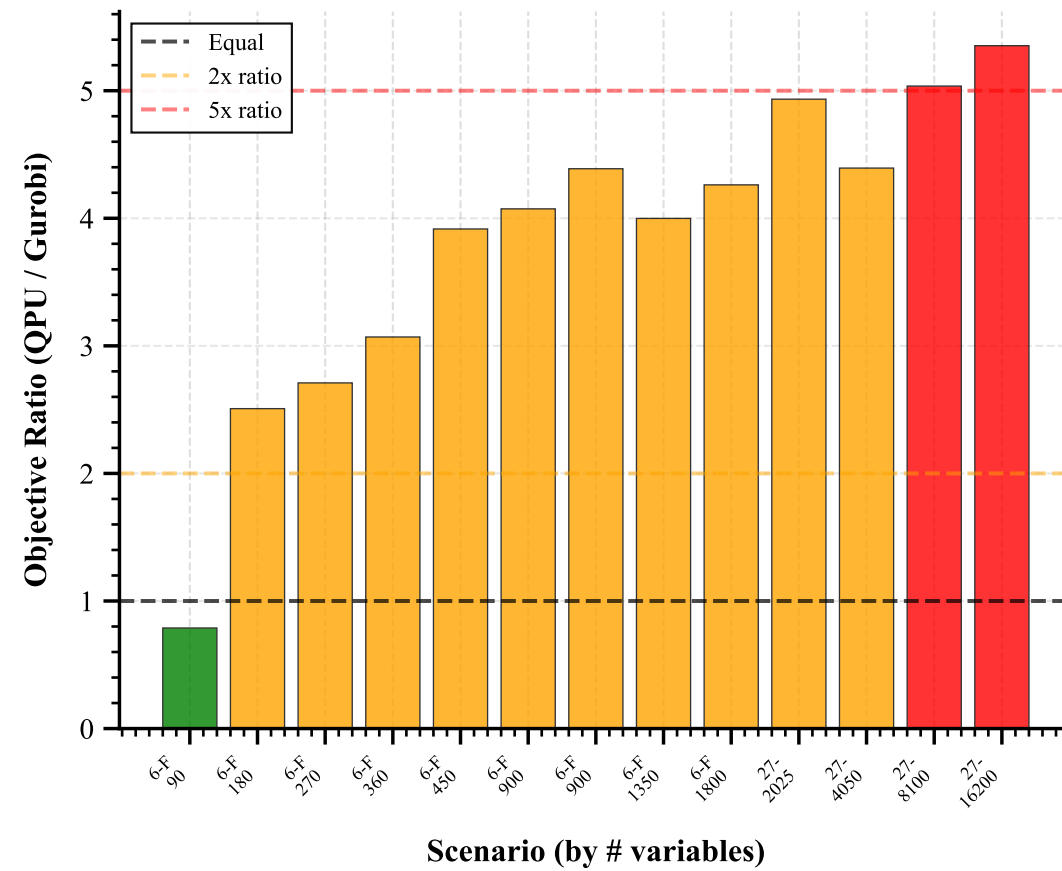


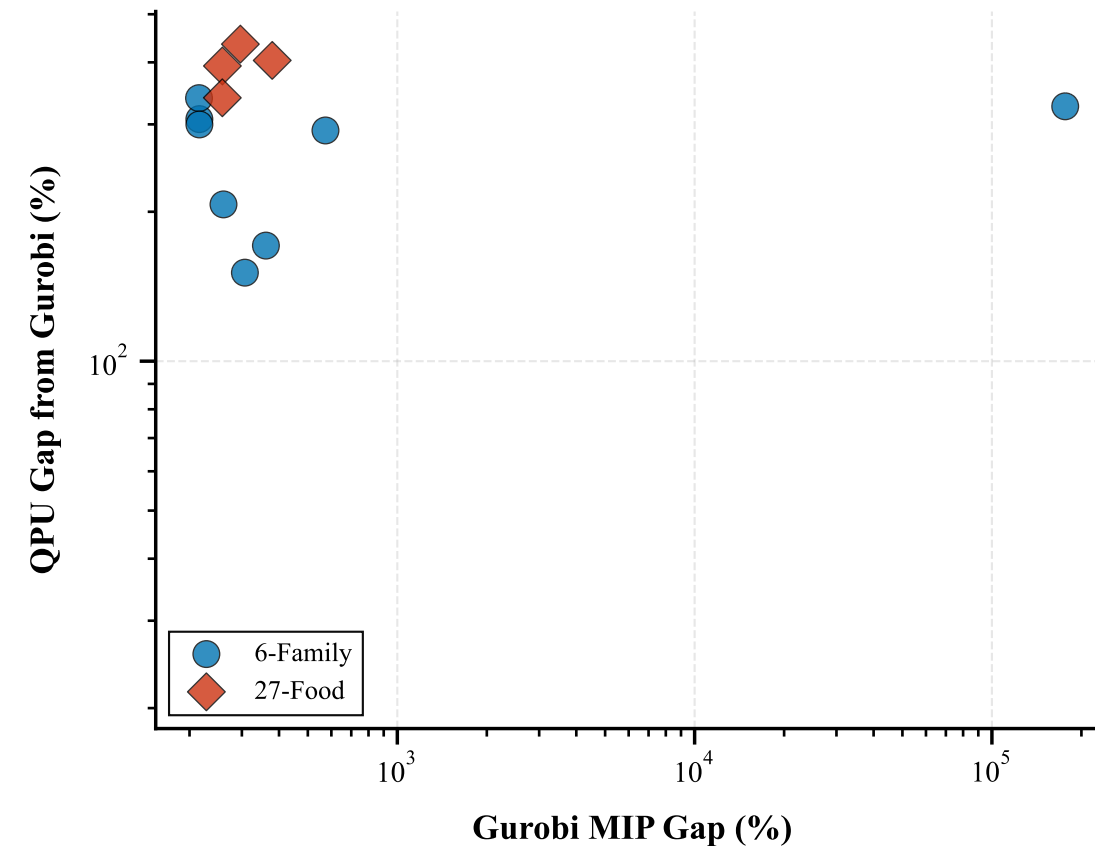
Objective Values: Gurobi vs QPU



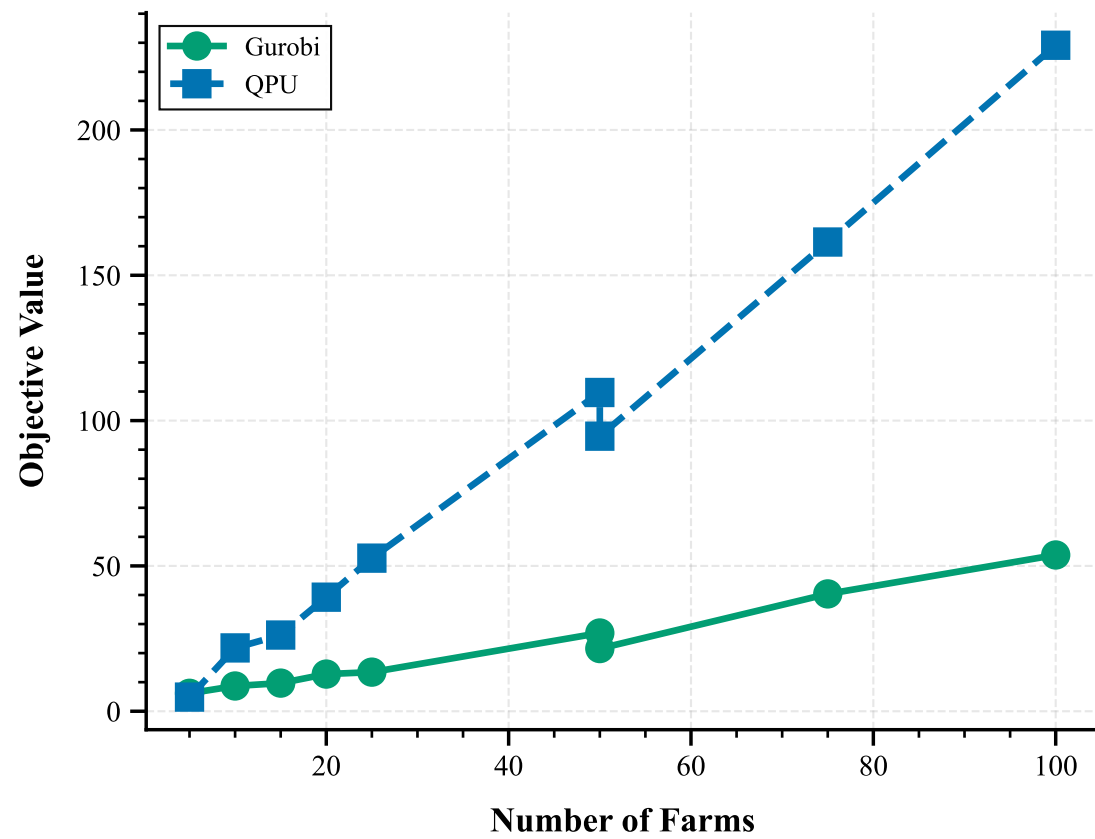
QPU Objective / Gurobi Objective



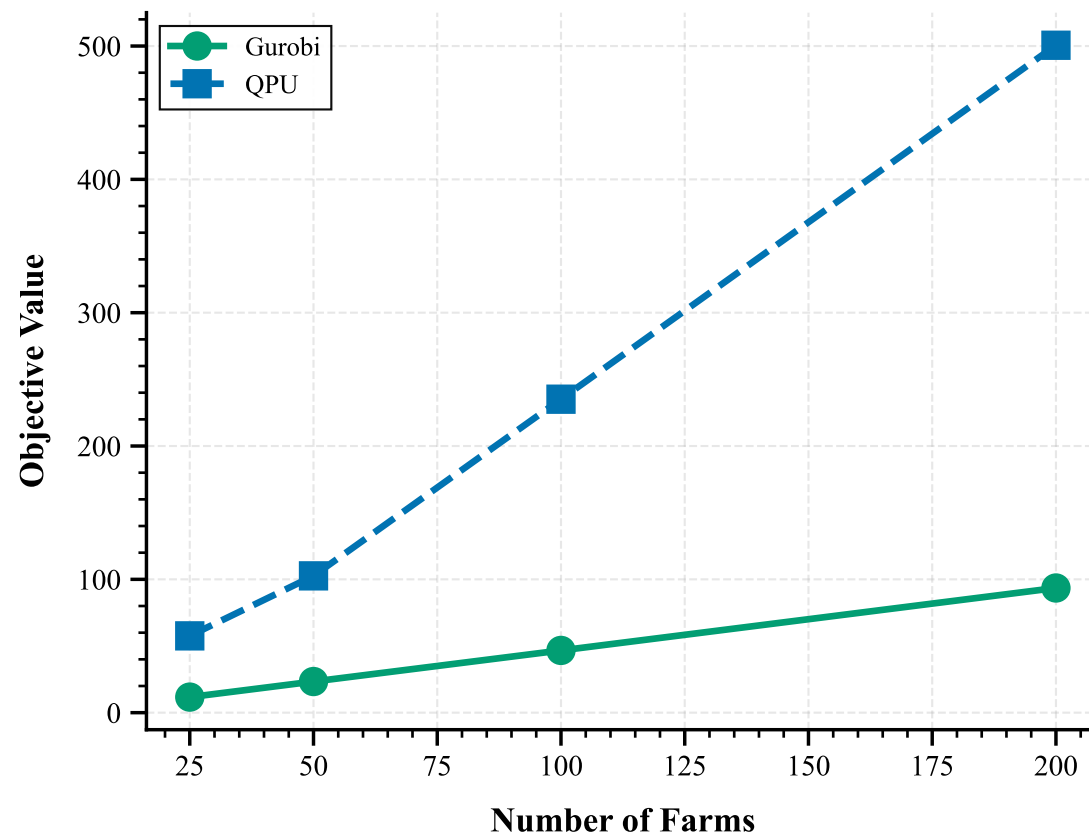
Correlation: Problem Hardness vs QPU Gap



6-Family: Objective Scaling



27-Food: Objective Scaling



Summary by Formulation

Metric	6-Family	27-Food
Scenarios	9	4
Variable Range	90-1800	2025-16200
Avg QPU Gap	234.9%	392.9%
Avg Gurobi MIP Gap	19840%	298%
Avg Obj Ratio	3.30x	4.93x
Gurobi Timeouts	7/9	4/4
Avg QPU Time	45.1s	147.5s
Avg Gurobi Time	81.7s	123.0s