Covariate Study Summary: Linear Trend
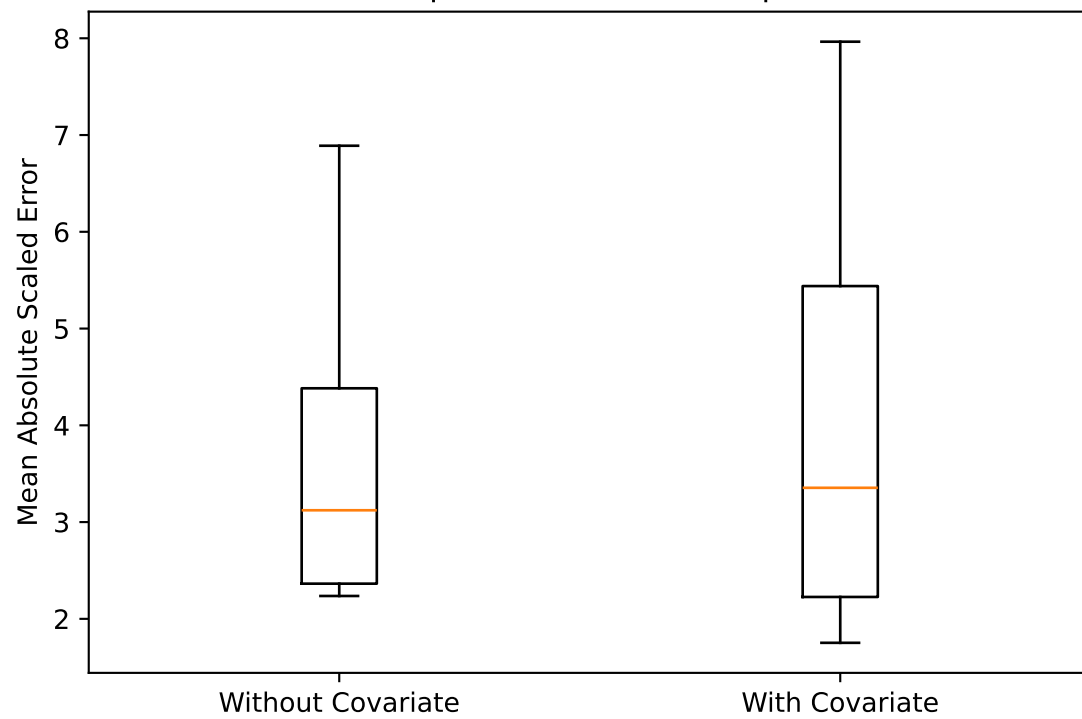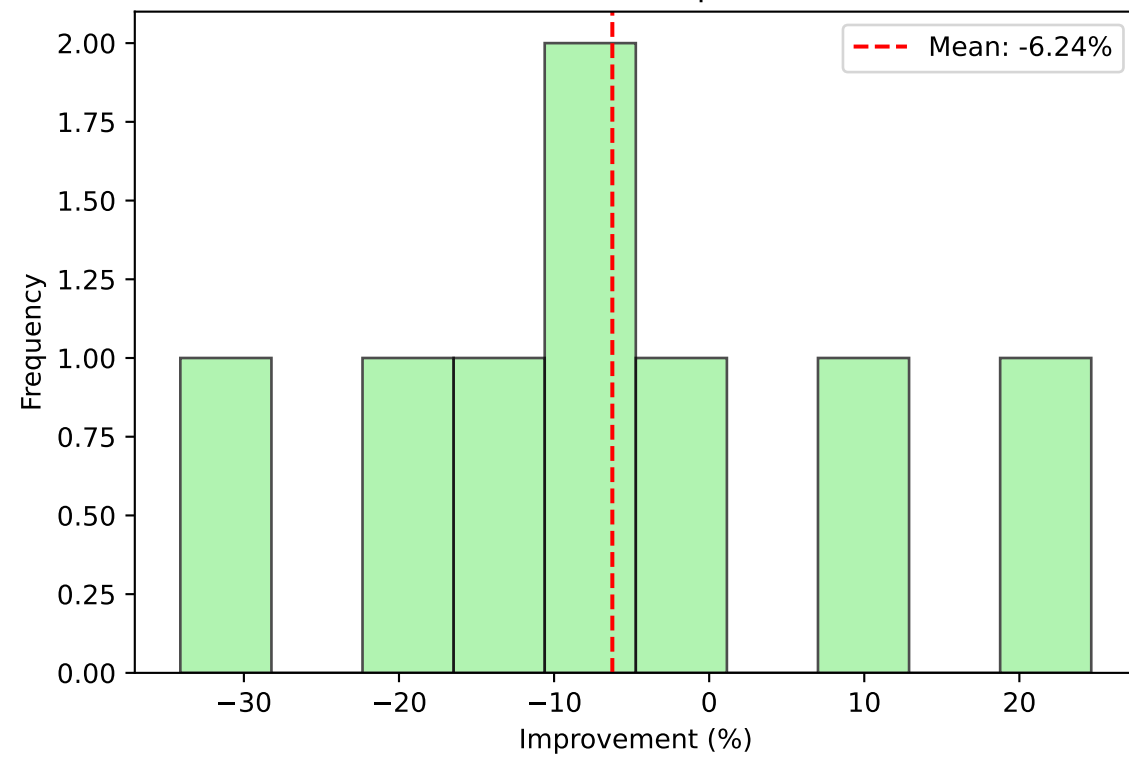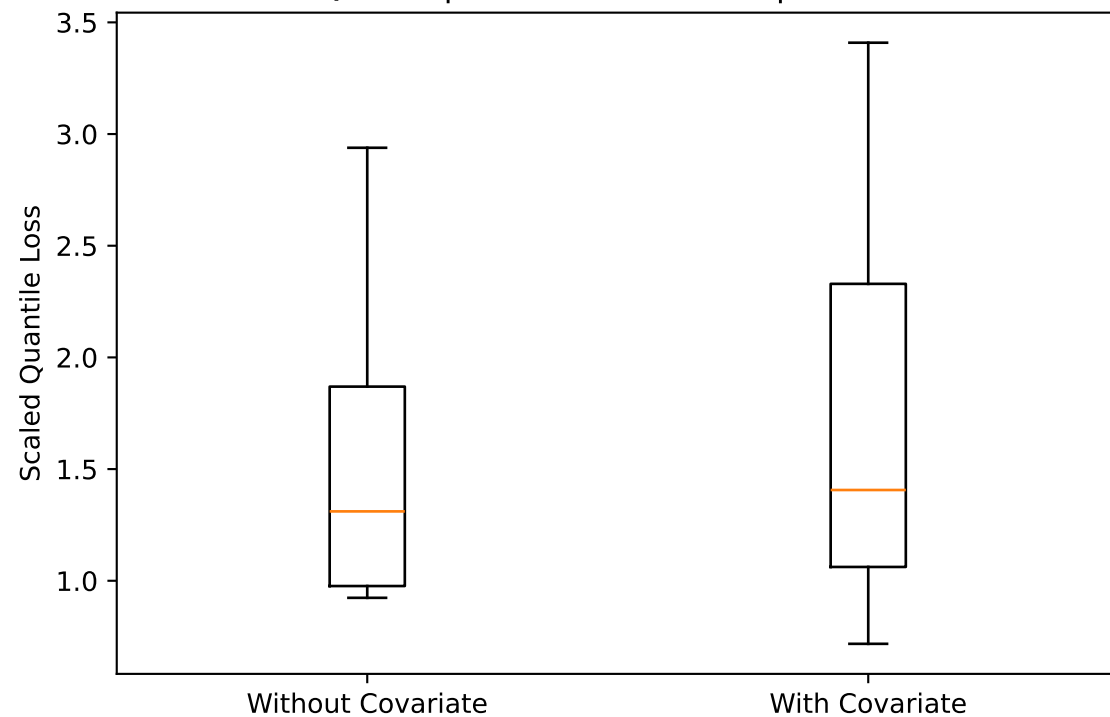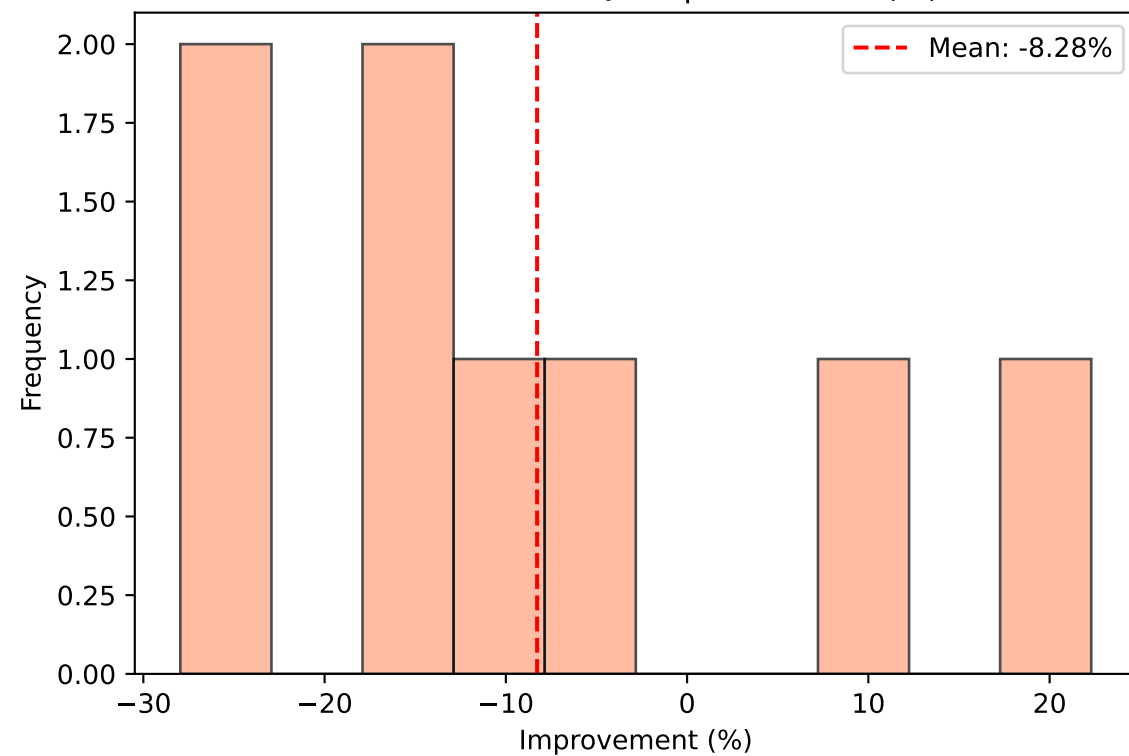
Detailed Statistics

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Covariate Study Detailed Results
Covariate Types: linear_trend
Number of Experiments: 8

MASE Results:
- Without Covariate: 3.6914 ± 1.5815
- With Covariate: 4.1146 ± 2.2315
- Average Improvement: -6.24%
- Median Improvement: -7.29%

SQL Results:
- Without Covariate: 1.5639 ± 0.6952
- With Covariate: 1.7620 ± 0.9412
- Average Improvement: -8.28%
- Median Improvement: -13.36%

Study Parameters:
- Weight: 1.0
- Relation: multiplicative
- Train Ratio: 0.6
- Covariate Weights: Randomized per experiment (Dirichlet distribution)

Best Performing Experiment (MASE):
- Experiment 5: 24.63% improvement

Worst Performing Experiment (MASE):
- Experiment 7: -34.10% improvement
```