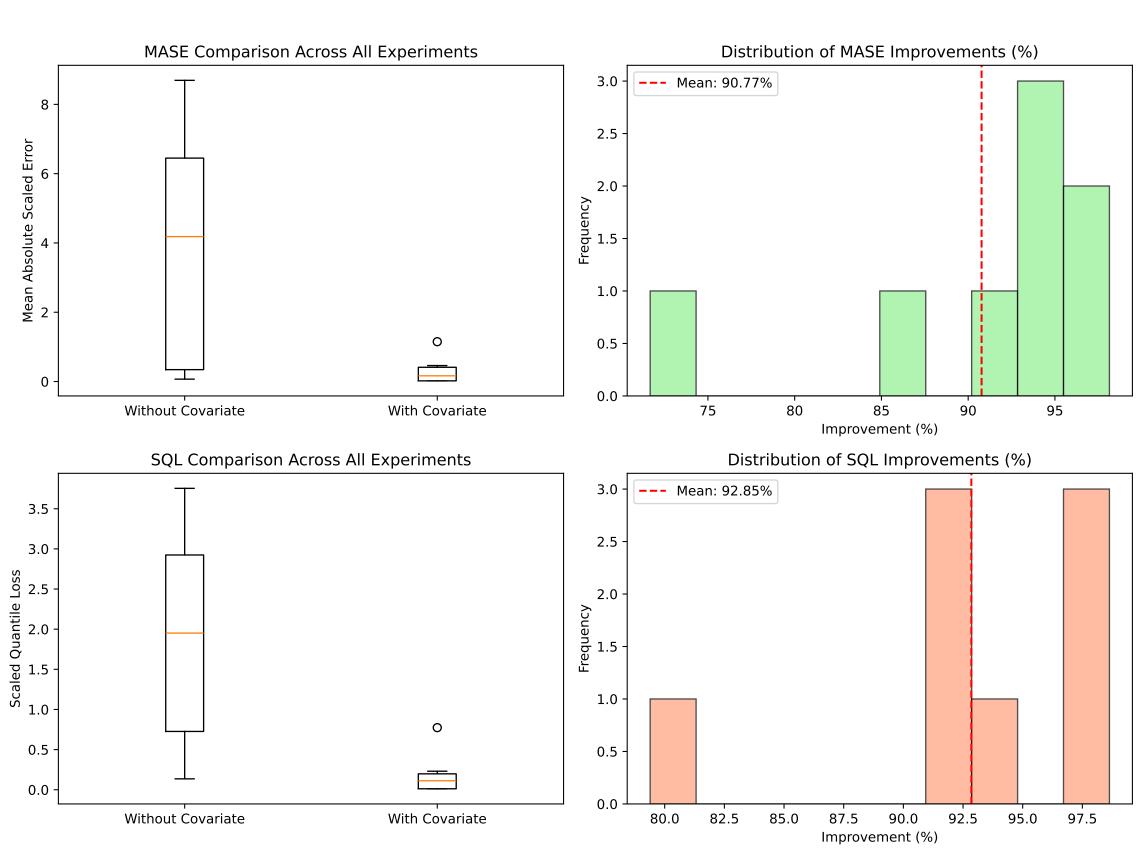
Covariate Study Summary: Ramps



Detailed Statistics

```
Covariate Study Detailed Results
Covariate Types: ramps
Number of Experiments: 8
MASE Results:
- Without Covariate: 3.8849 \pm 3.1462
- With Covariate: 0.2990 \pm 0.3621
- Average Improvement: 90.77%
- Median Improvement: 93.62%
SOL Results:
- Without Covariate: 1.8682 \pm 1.2367
- With Covariate: 0.1811 \pm 0.2398
- Average Improvement: 92.85%
- Median Improvement: 93.07%
Study Parameters:
- Weight: 1.0
- Relation: additive
- Train Ratio: 0.6
- Covariate Weights: Randomized per experiment (Dirichlet distribution)
Best Performing Experiment (MASE):
- Experiment 4: 98.14% improvement
Worst Performing Experiment (MASE):
- Experiment 3: 71.67% improvement
```