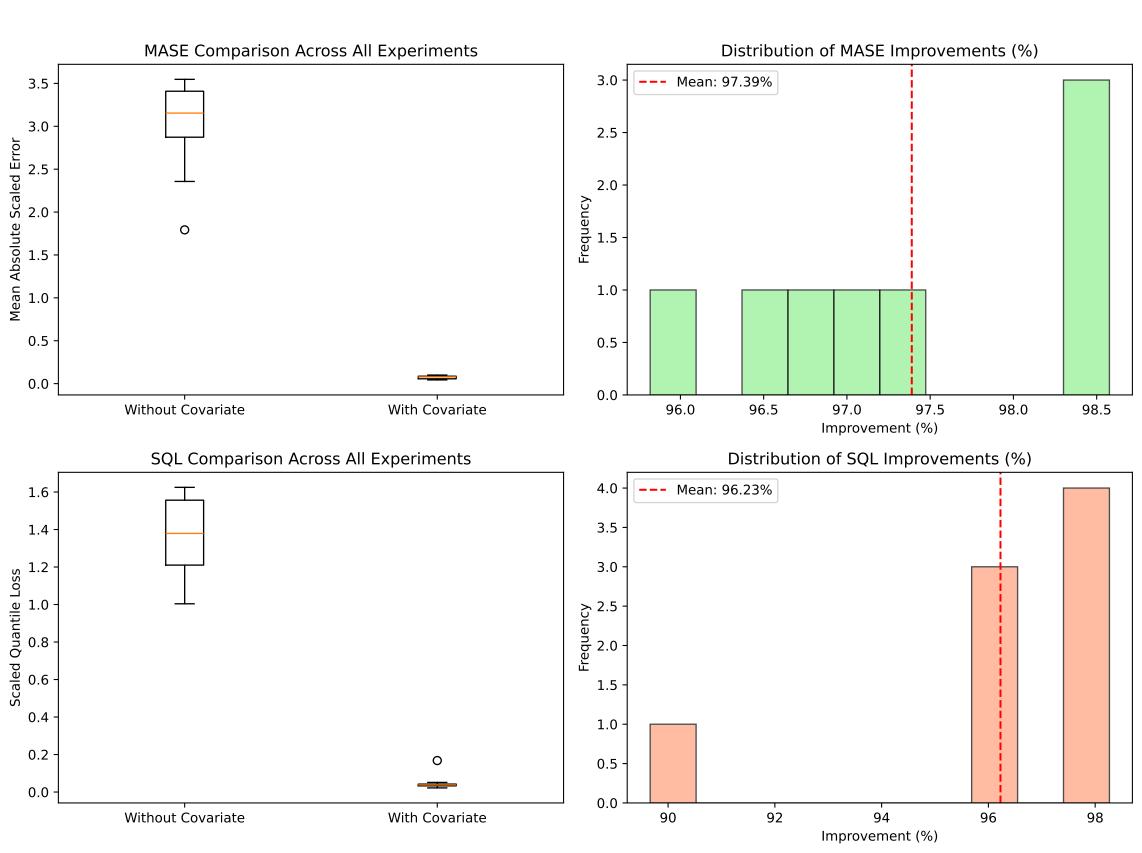
Covariate Study Summary: Ar1



Detailed Statistics

```
Covariate Study Detailed Results
Covariate Types: ar1
Number of Experiments: 8
MASE Results:
- Without Covariate: 2.9935 \pm 0.5750
- With Covariate: 0.0740 \pm 0.0196
- Average Improvement: 97.39%
- Median Improvement: 97.32%
SOL Results:
- Without Covariate: 1.3505 \pm 0.2237
- With Covariate: 0.0526 \pm 0.0443
- Average Improvement: 96.23%
- Median Improvement: 97.03%
Study Parameters:
- Weight: 1.0
- Relation: additive
- Train Ratio: 0.6
- Covariate Weights: Randomized per experiment (Dirichlet distribution)
Best Performing Experiment (MASE):
- Experiment 7: 98.58% improvement
Worst Performing Experiment (MASE):
- Experiment 8: 95.82% improvement
```