# COST - Ensemble Validation Summary

Generated: 2026-01-02 23:30:01 | Rounds: 4

## EXECUTIVE SUMMARY

| Metric | Value |
|---|---|
| Best Approach | ML Only |
| Best MAPE | 4.79% |
| Validation Rounds | 4 |

## APPROACH COMPARISON

| Approach | Revenue | Net Income | Assets | Equity | Overall |
|---|---|---|---|---|---|
| ML Only | 2.64% | 3.46% | 3.97% | 3.94% | 4.79% |
| ML + LLM | 2.64% | 4.15% | 3.98% | 3.91% | 4.91% |
| Pure LLM | 7.65% | 8.69% | 5.25% | 9.57% | 15.83% |

## METHODOLOGY

**ML Only:** XGBoost Quantile Regression + Accounting Engine

**ML + LLM:** ML growth prediction + LLM margin adjustments

**Pure LLM:** LLM directly predicts all financial values