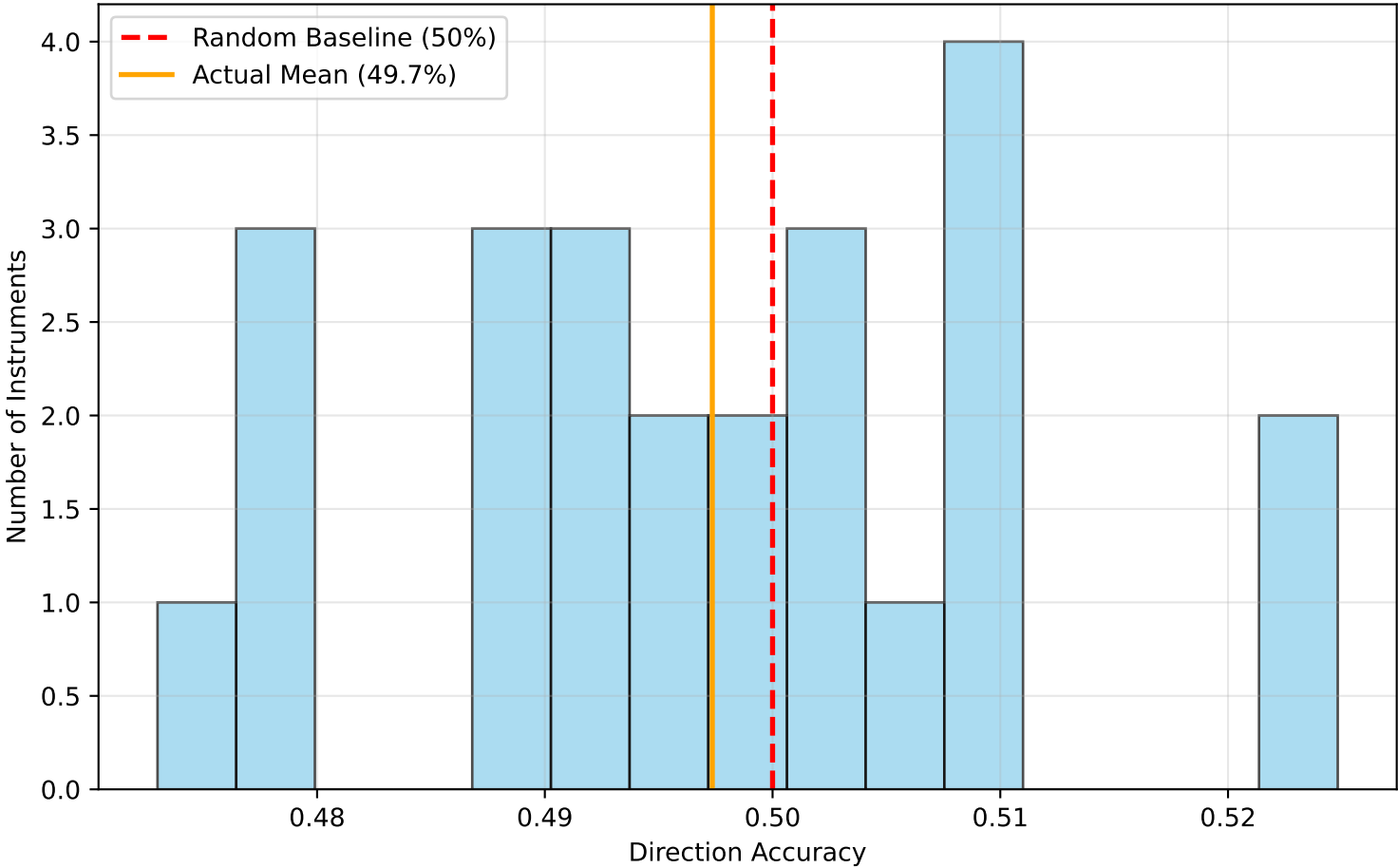


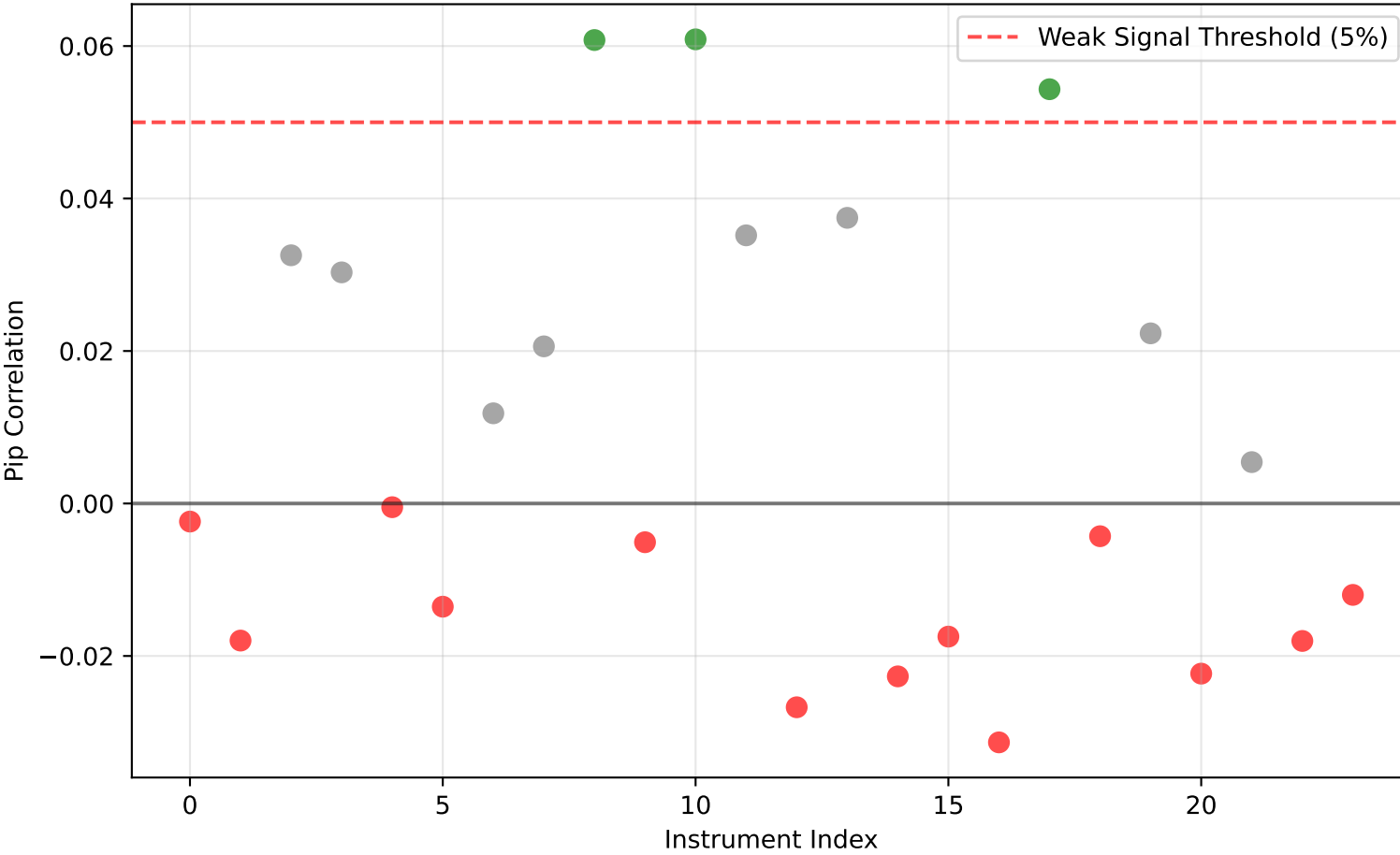
USD Pip Prediction Experiment - Complete Performance Analysis

(Realistic Efficient Market Results)

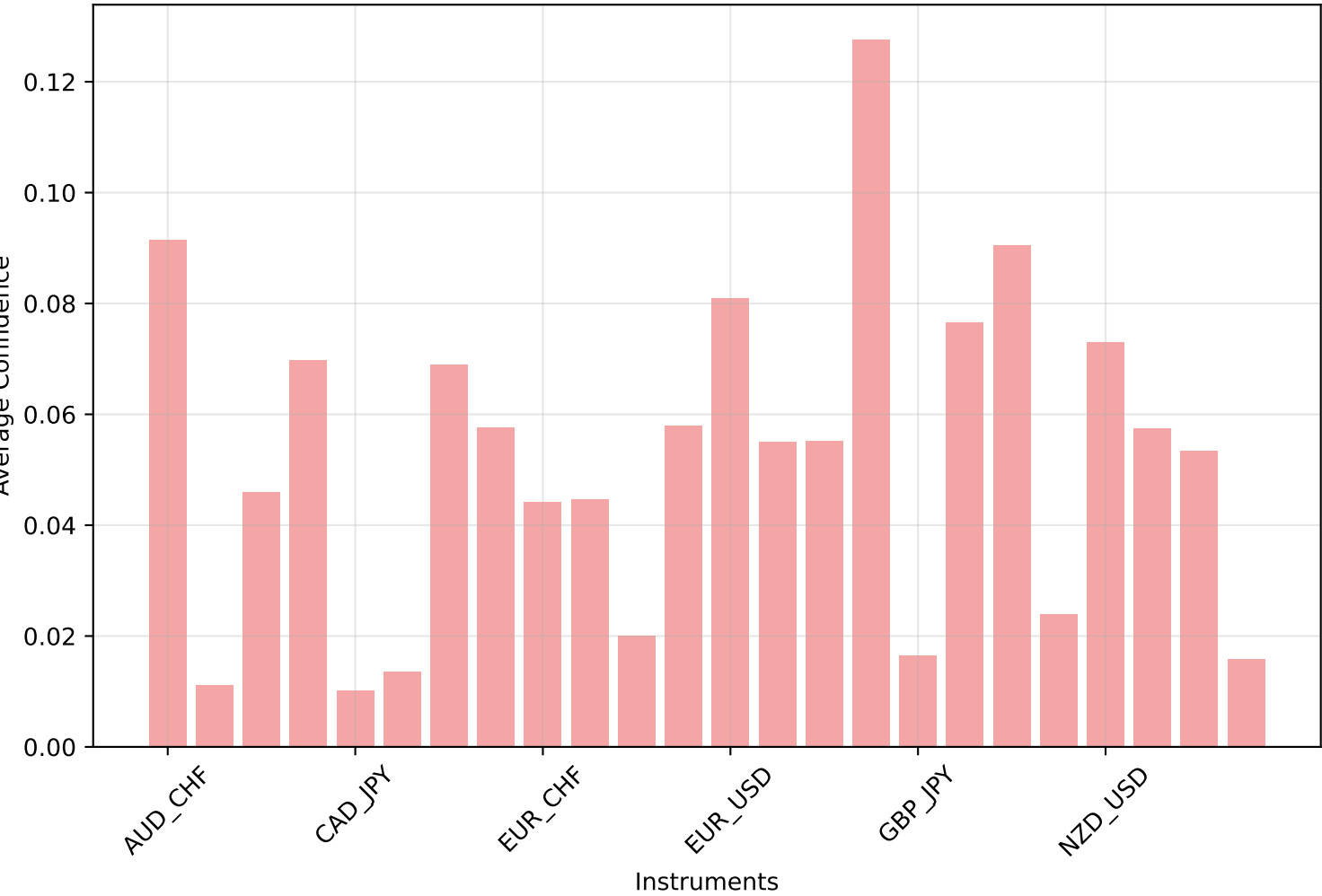
Direction Accuracy Distribution
(No Better Than Random)



Pip Prediction Correlation
(Near Zero Signal Strength)



Model Confidence Levels
(Low Confidence = Realistic Uncertainty)



Experiment Summary
(Technical Success, No Market Edge)

Metric	Value	Assessment
Direction Accuracy	49.7%	☐ Random baseline
Pip Correlation	0.74%	☐ No predictive power
Total P&L	\$105.44	☐ Negligible return
Test Samples	1,370	☐ Statistically significant
Model Architecture	TCNAE(120D)→LightGBM	☐ Technically successful
Best Performer	GBP_JPY	Still no meaningful edge