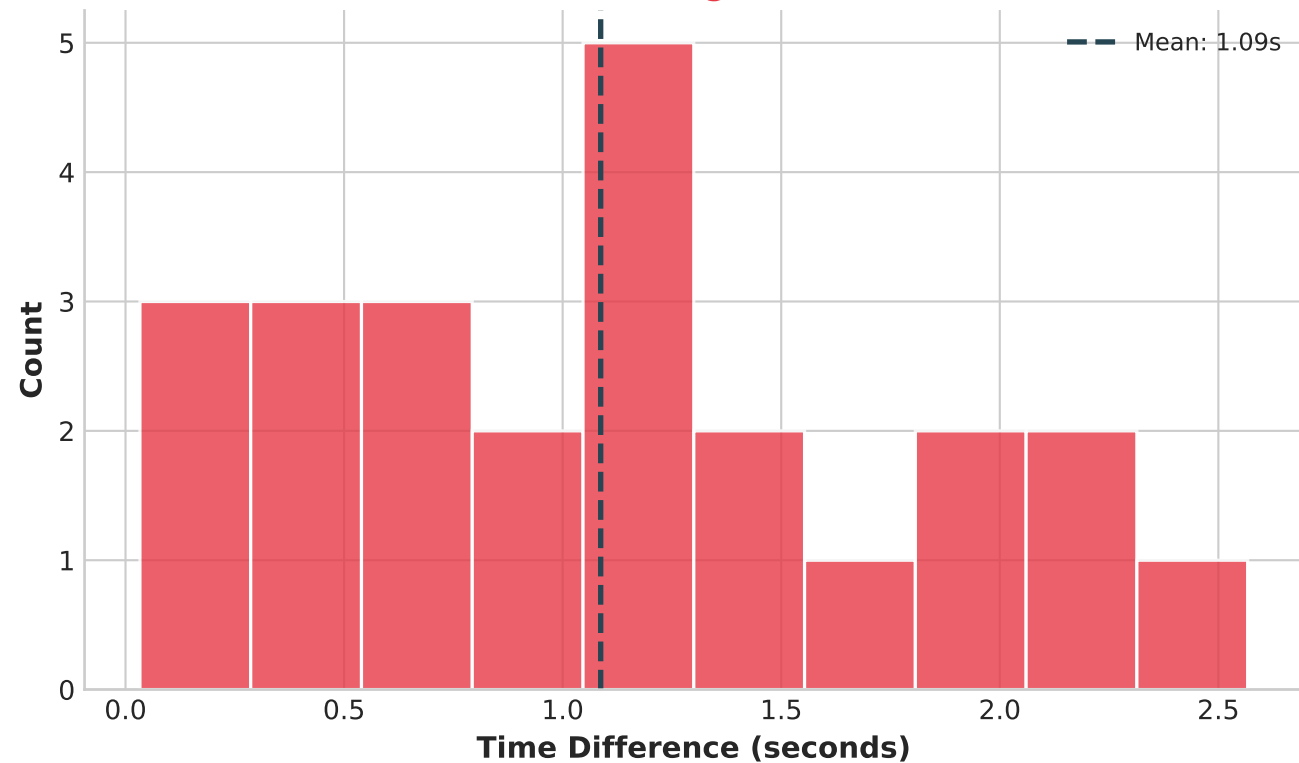Time Difference Distribution Comparison: Wrong vs Correct Predictions