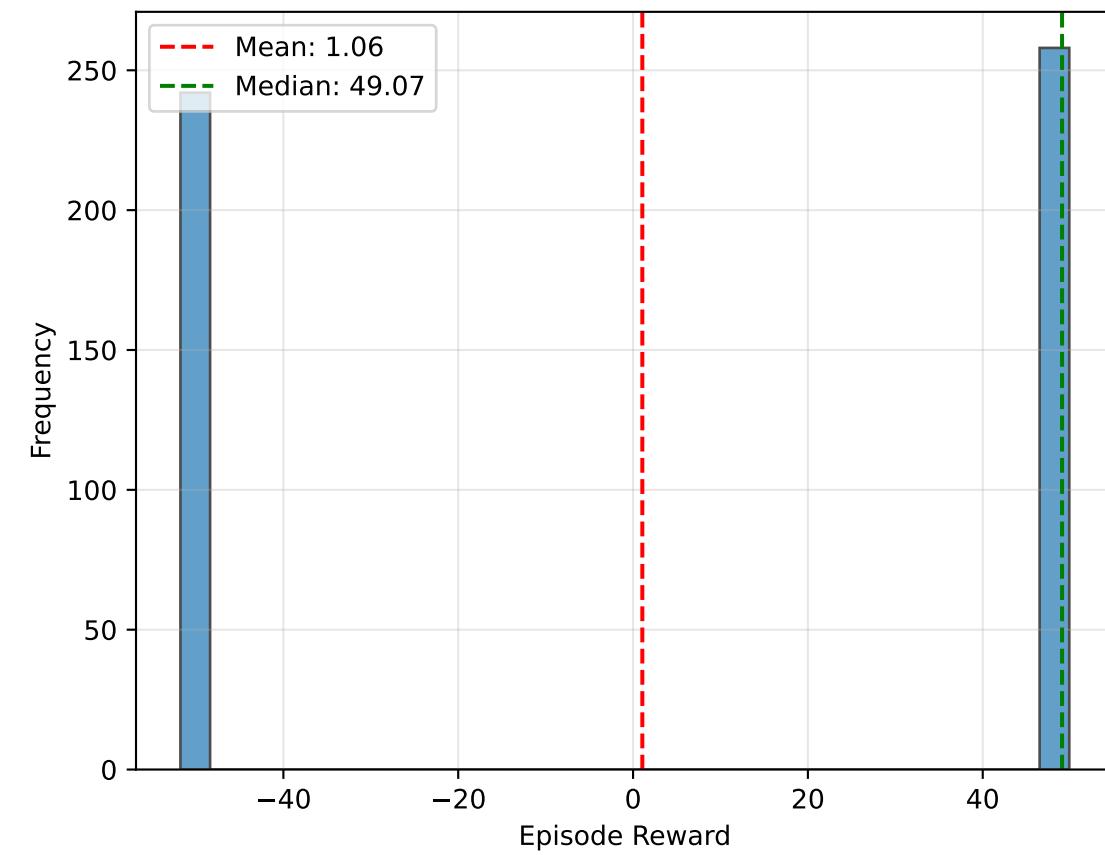
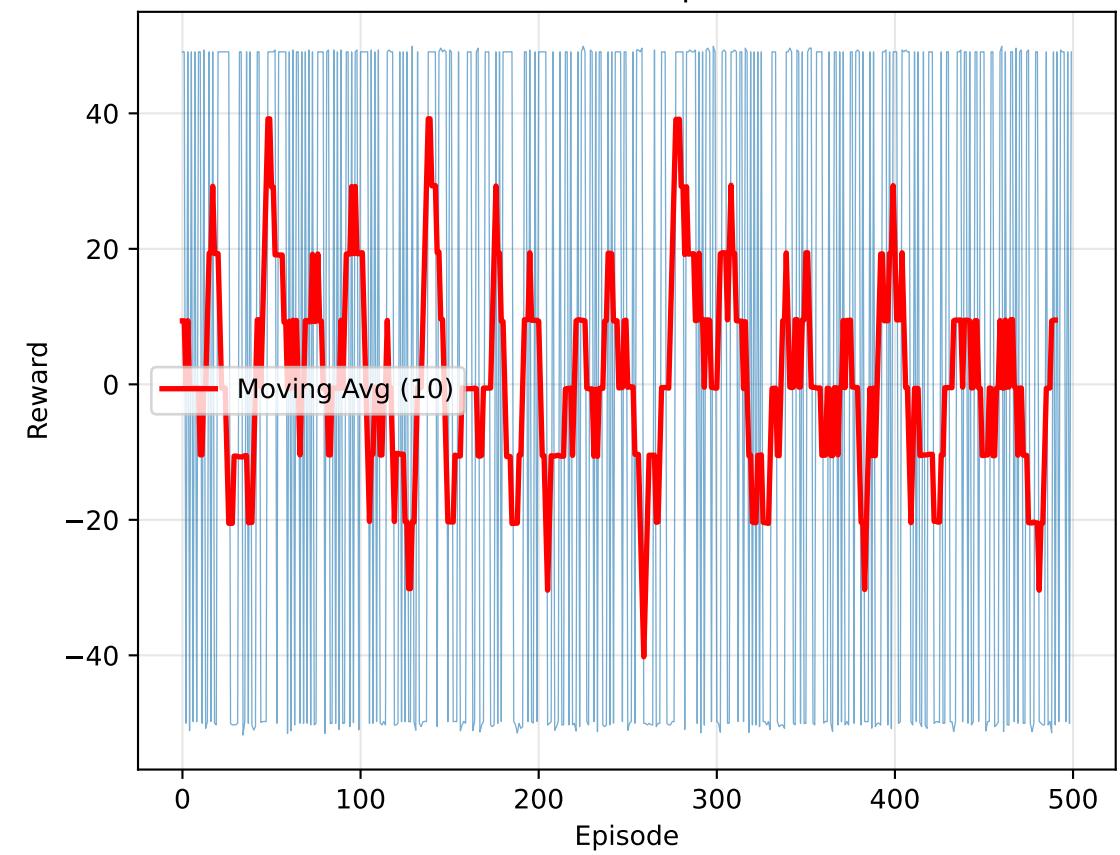


# Evaluation Results - Reward Analysis

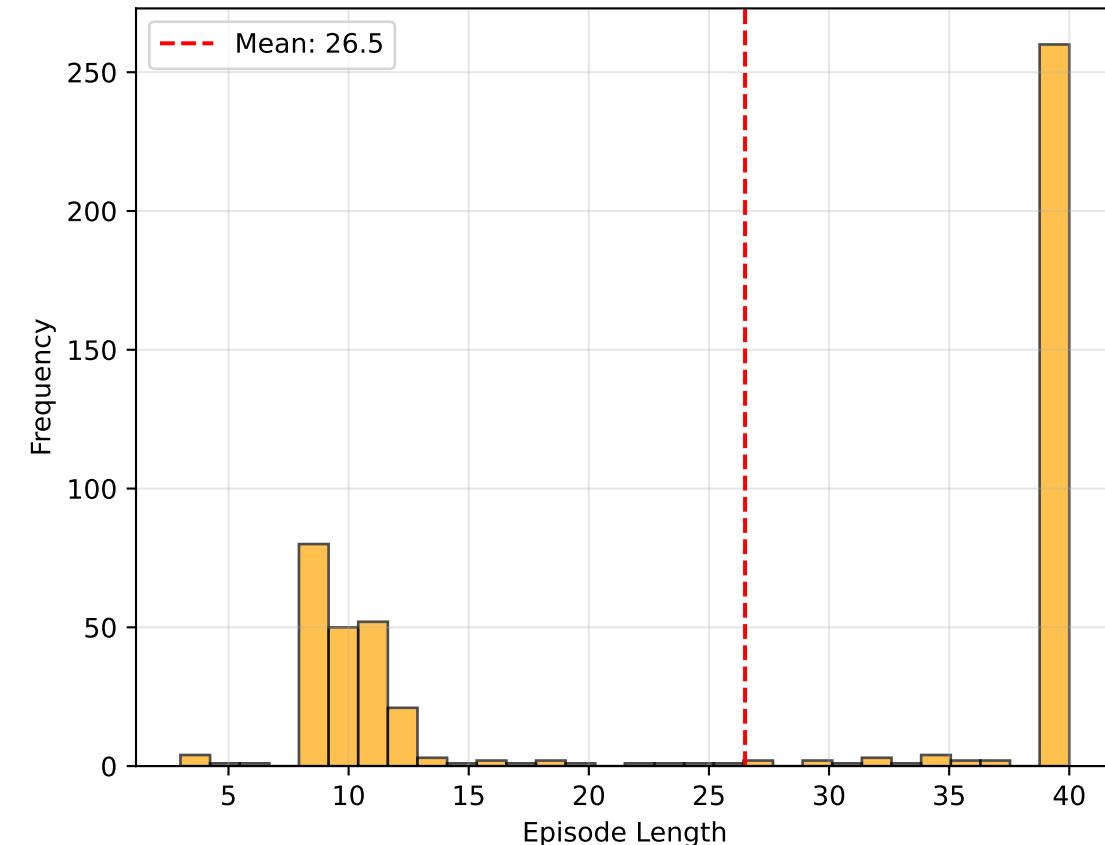
Reward Distribution



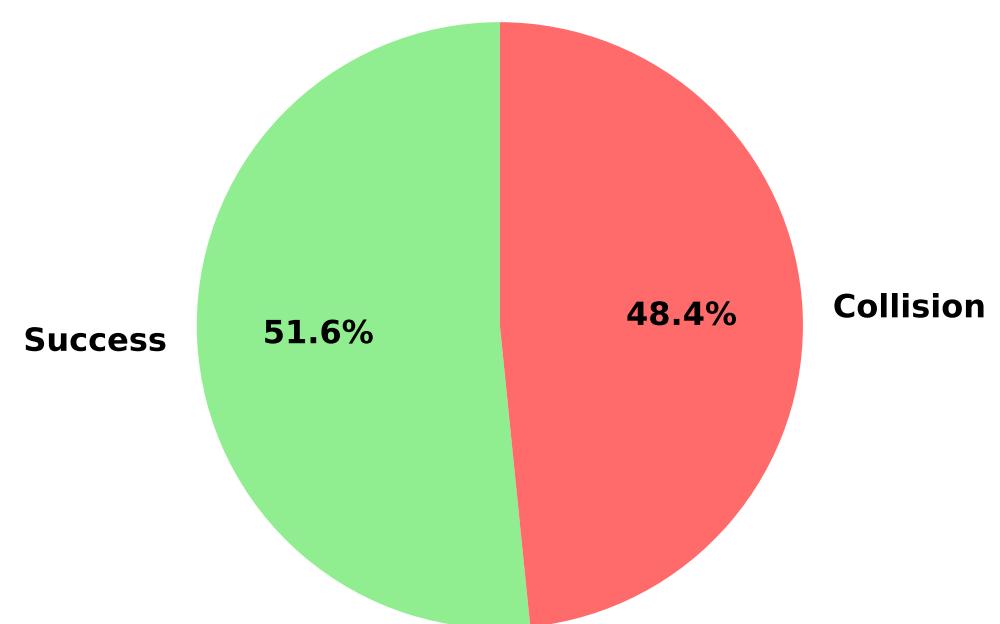
Reward over Episodes



Episode Length Distribution

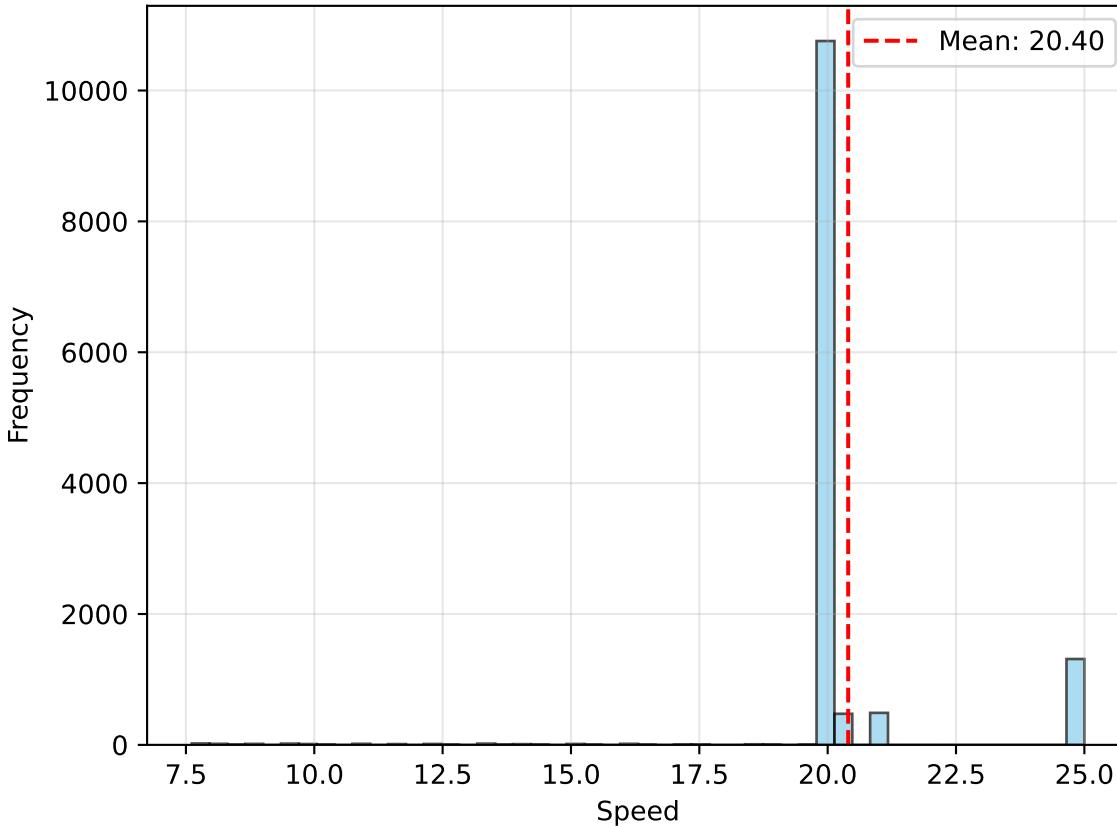


Episode Outcomes

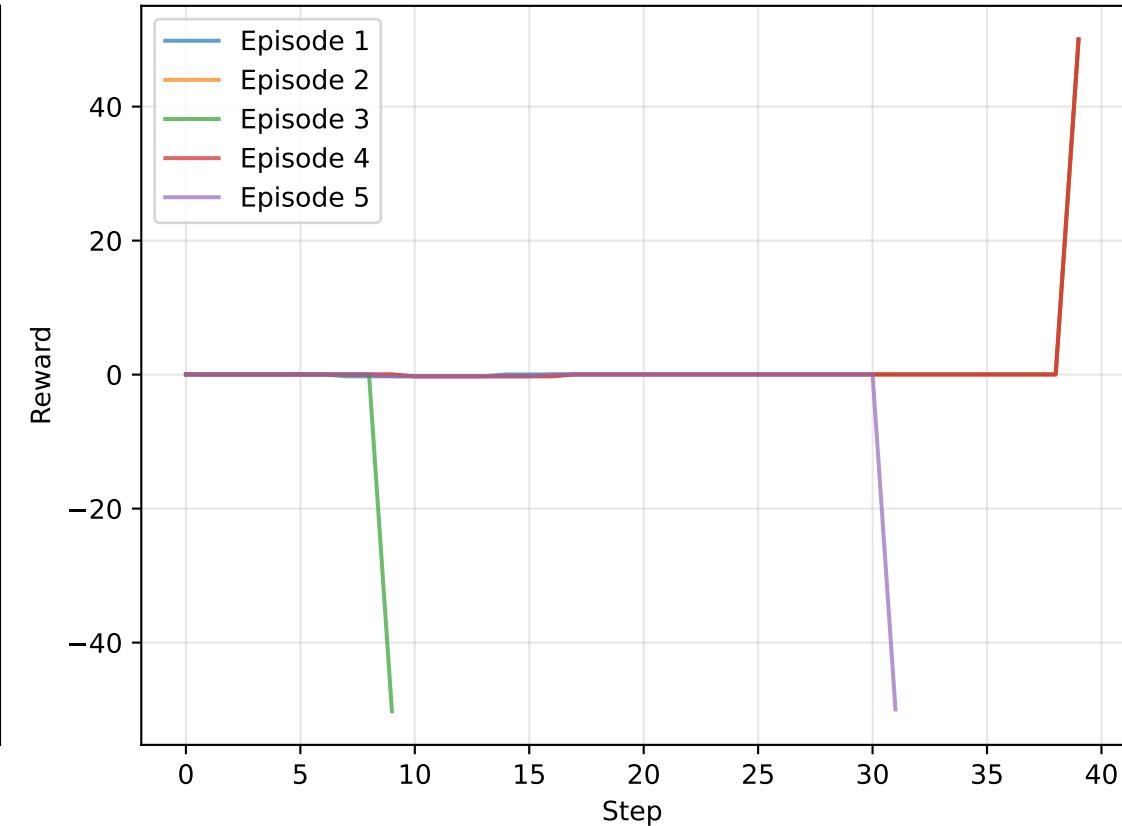


# Evaluation Results - Behavior Analysis

Speed Distribution



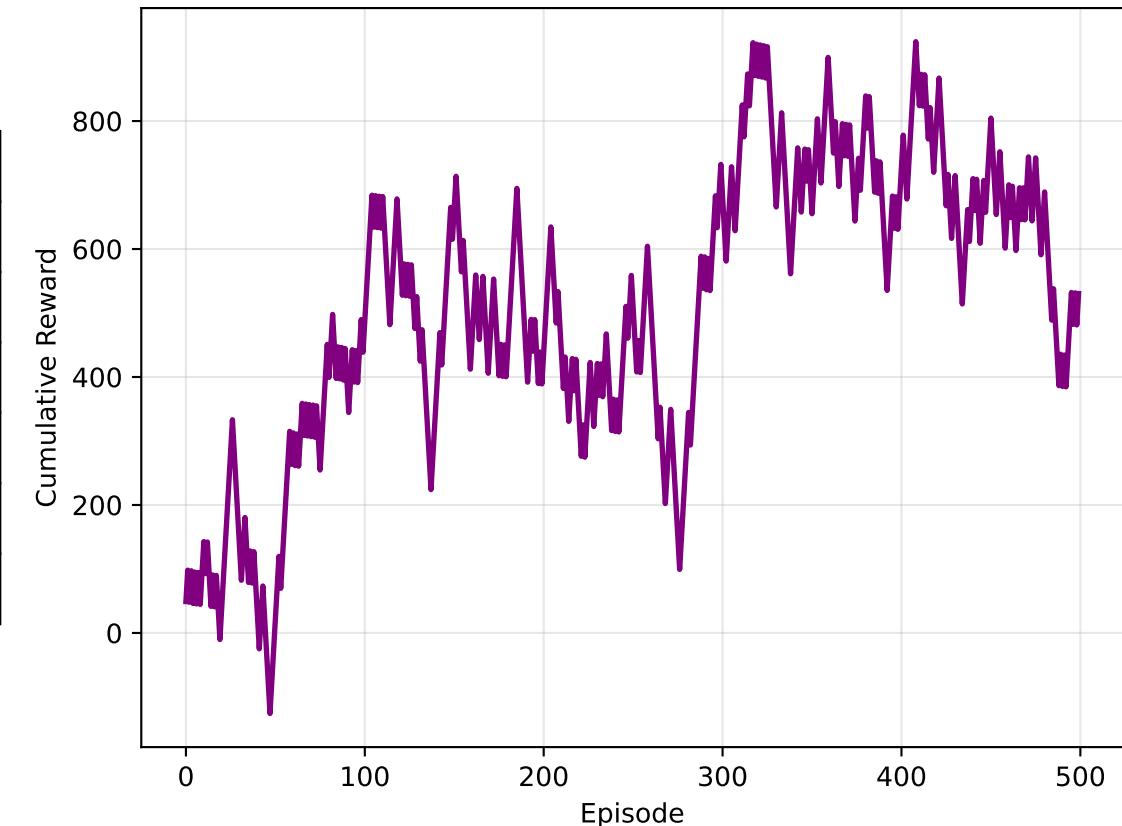
Reward Trajectories (First 5 Episodes)



Performance Summary

Metric	Value
Mean Reward	1.06
Success Rate	51.60%
Collision Rate	48.40%
Mean Speed	20.40
Mean Length	26.5
Lane Changes	398

Cumulative Reward over Episodes



# Performance Test: Mean Episodic Return Distribution

st Results (Deterministic Policy, 500 Episodes)

