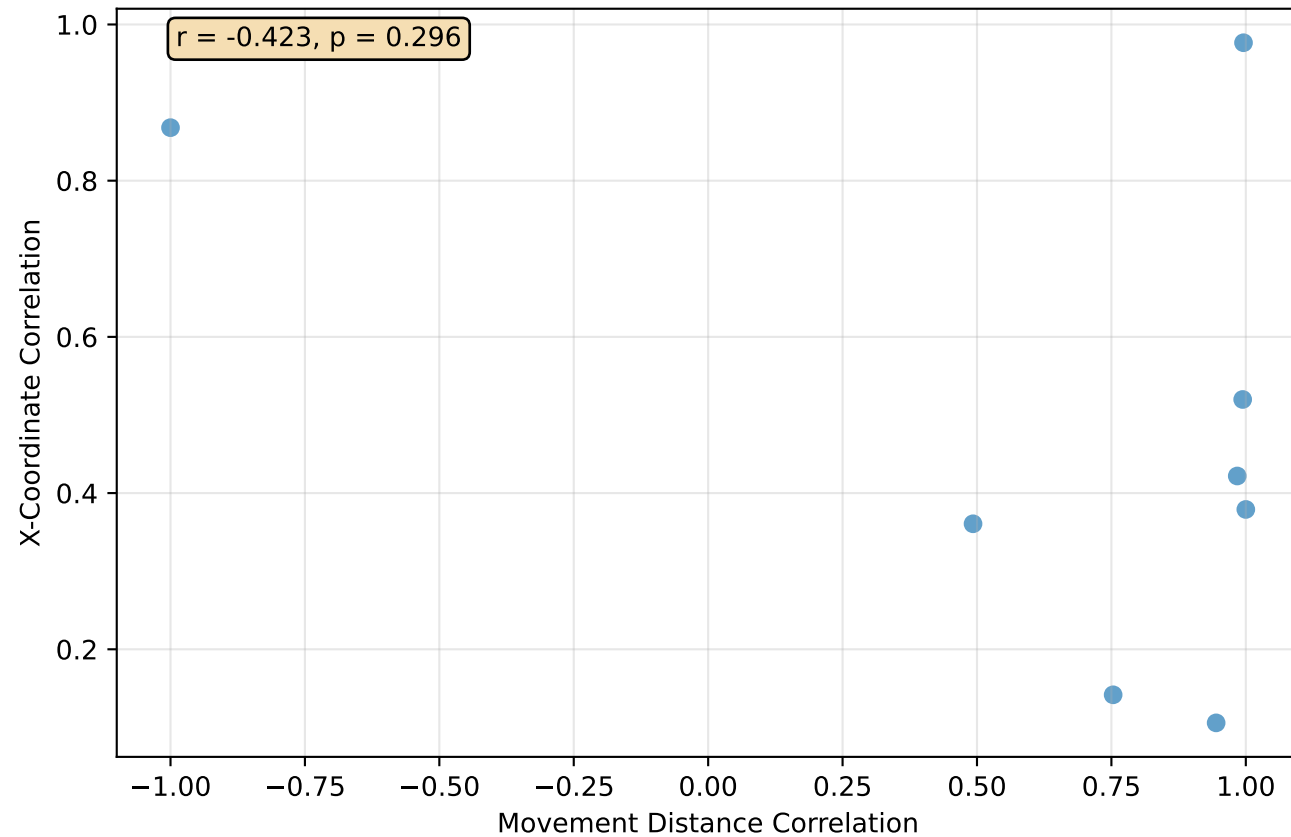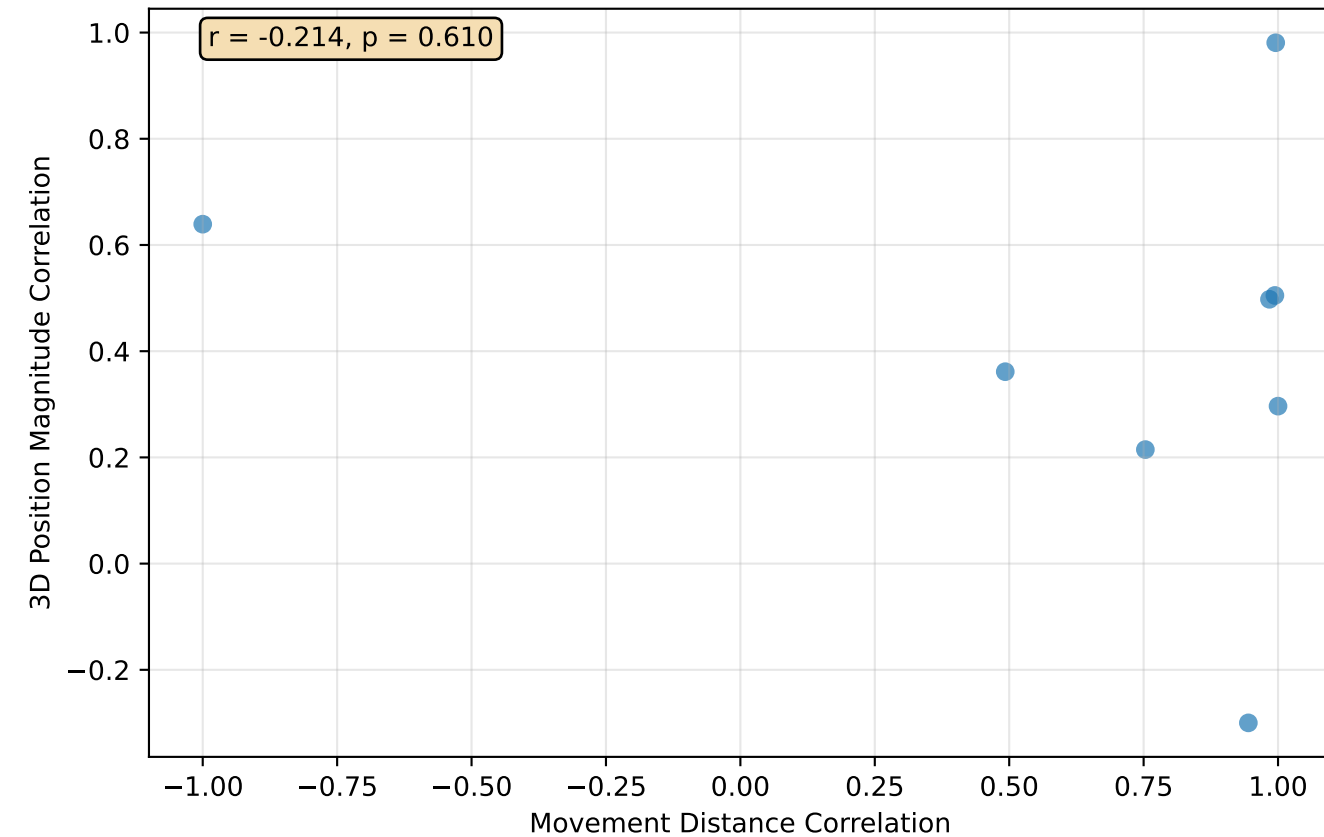Movement Distance vs Spatial Position Correlations