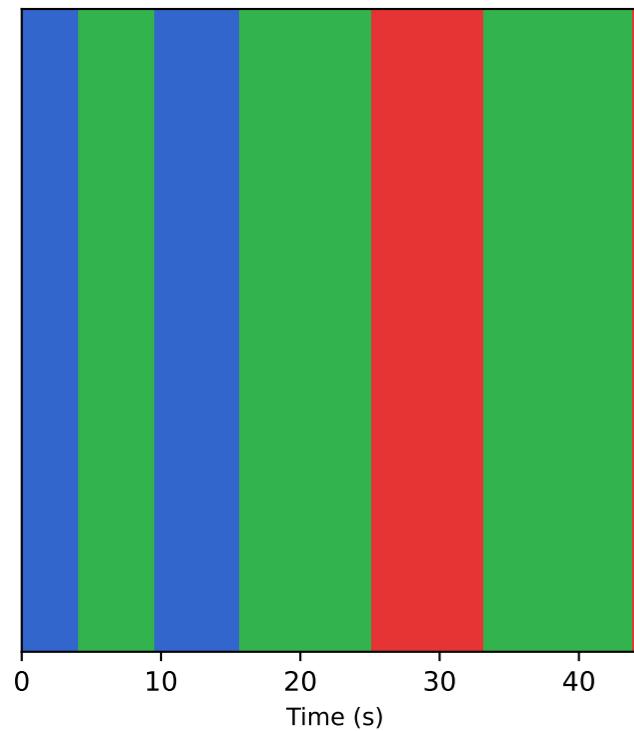
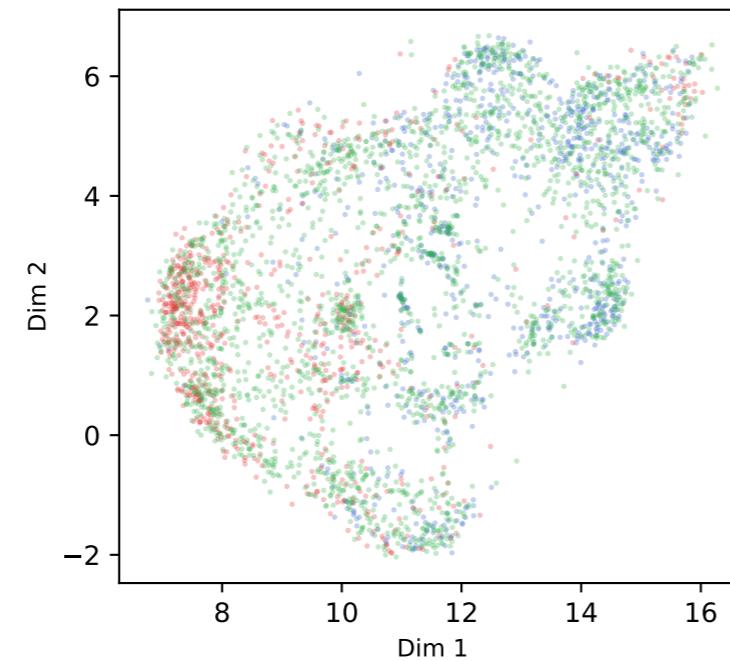


# Simulation Validation: The Dynamical Microscope Recovers Known Structure

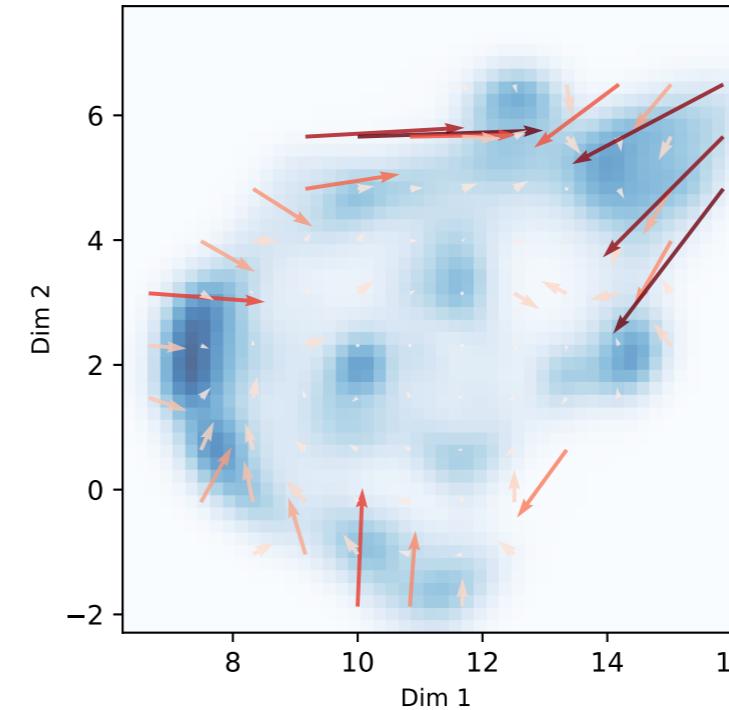
A) Ground-Truth Regime Sequence



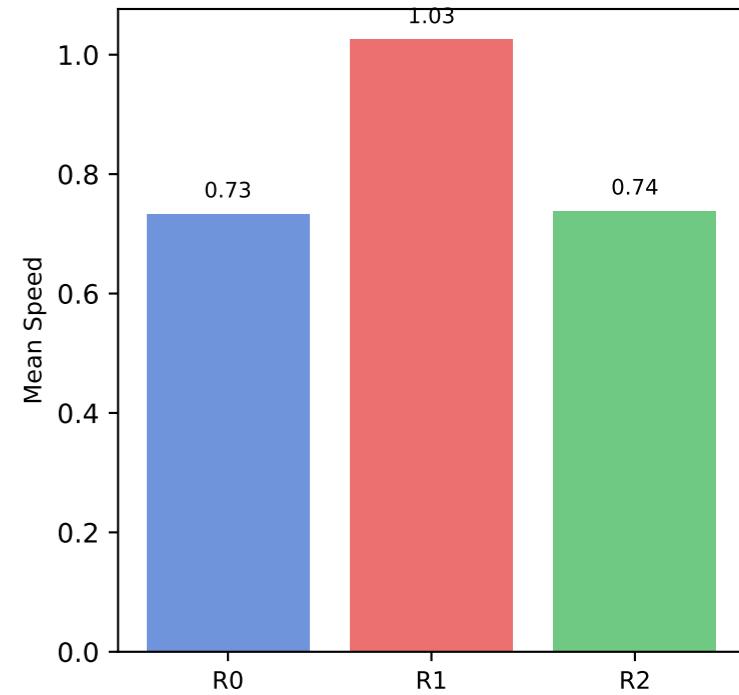
B) Embedded Trajectories (colored by regime)



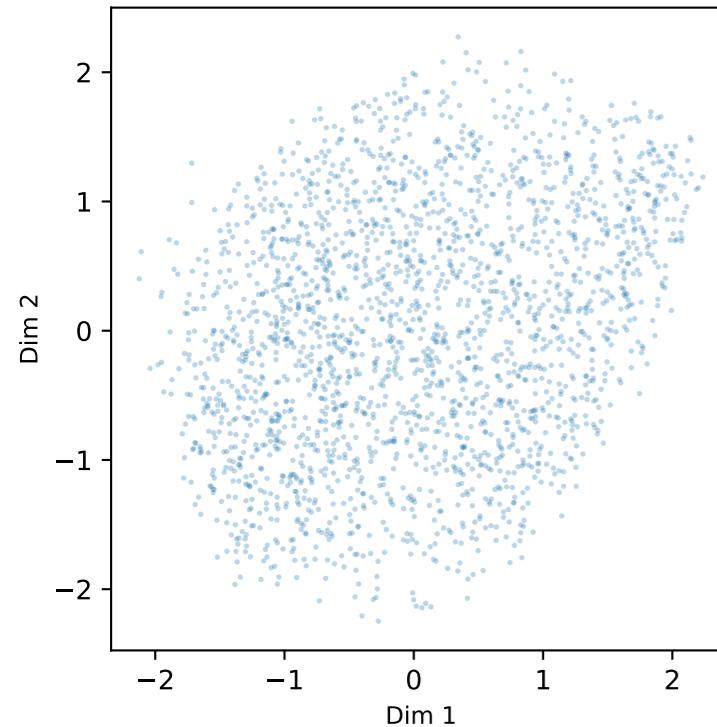
C) Density + Flow Field



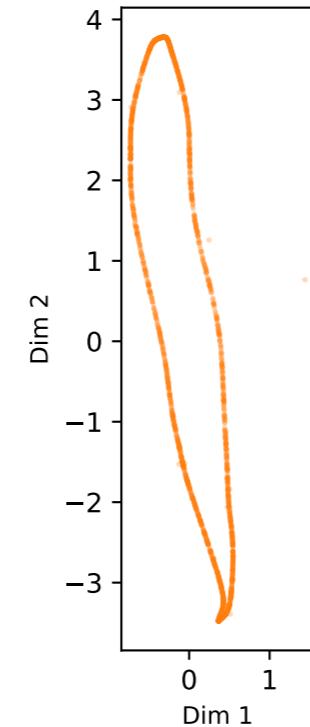
D) Speed by Regime



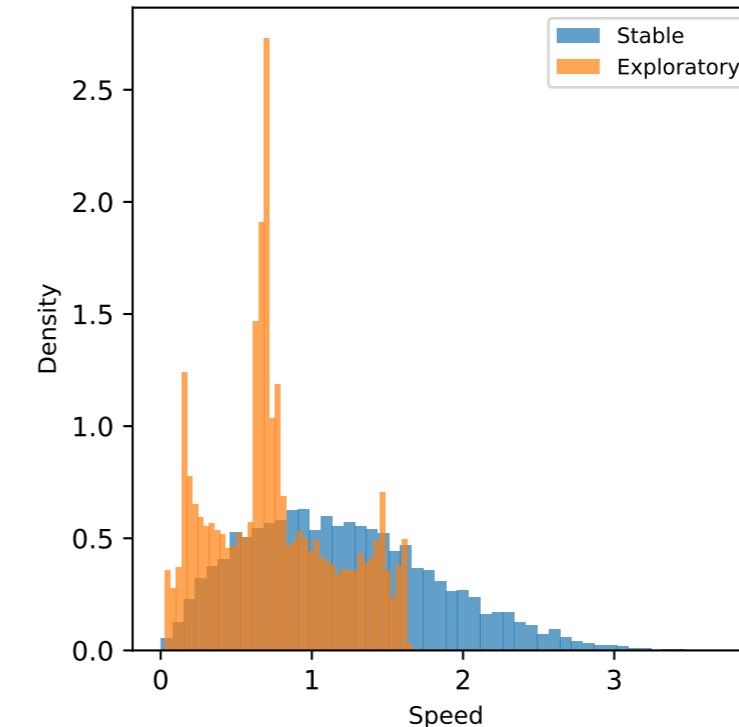
E) Stable Attractor



F) Exploratory Attractor



G) Speed Distribution



H) State-Space Coverage

