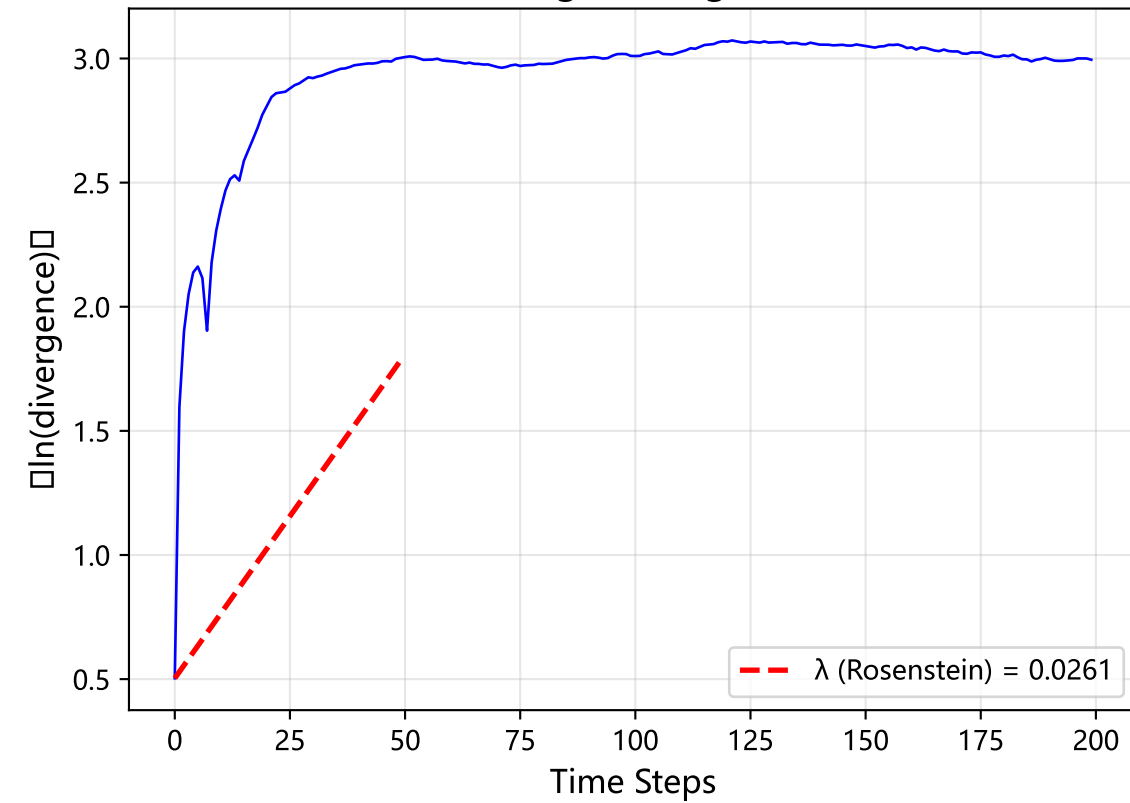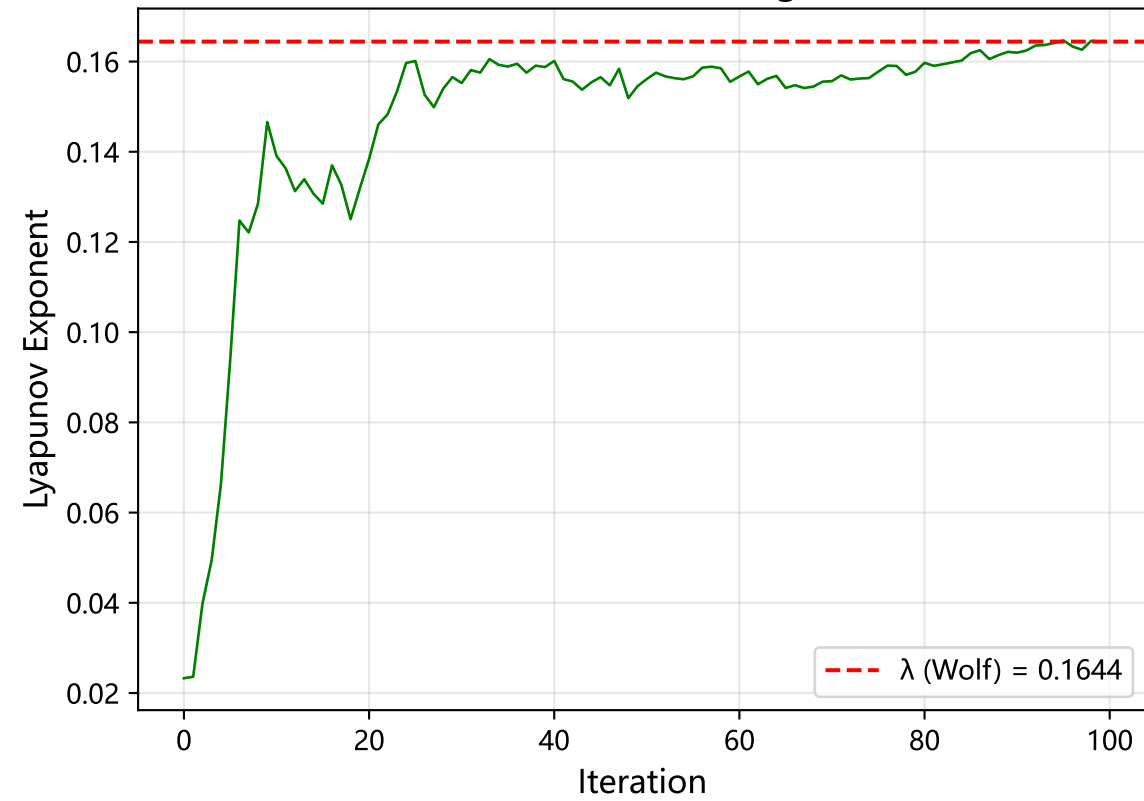Lyapunov Analysis: Henan_P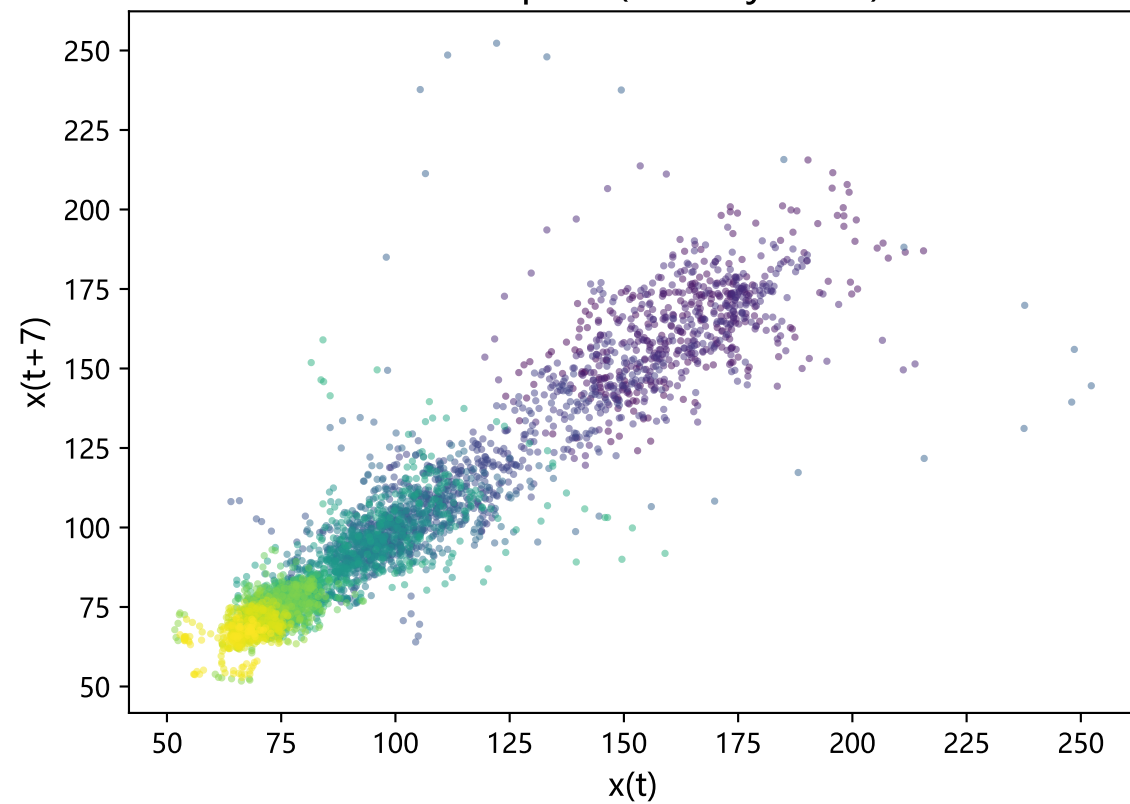C