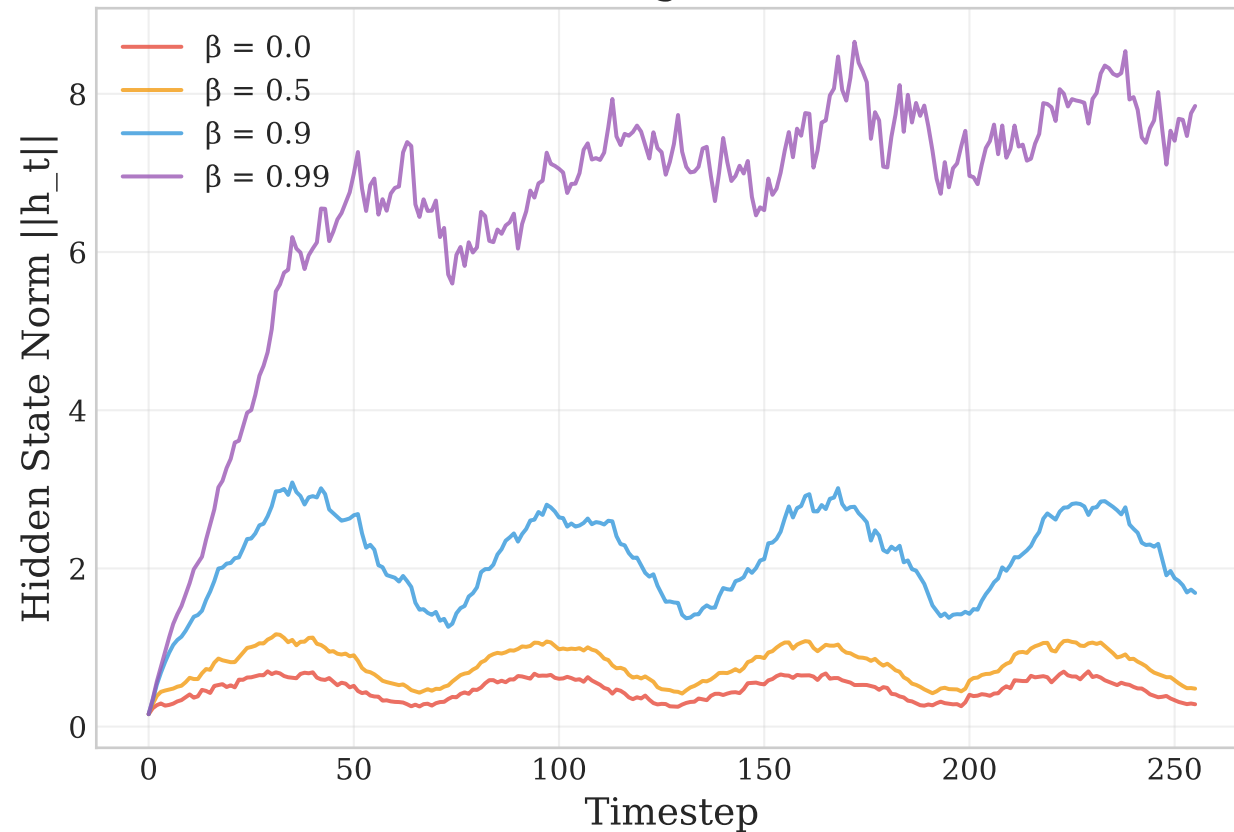
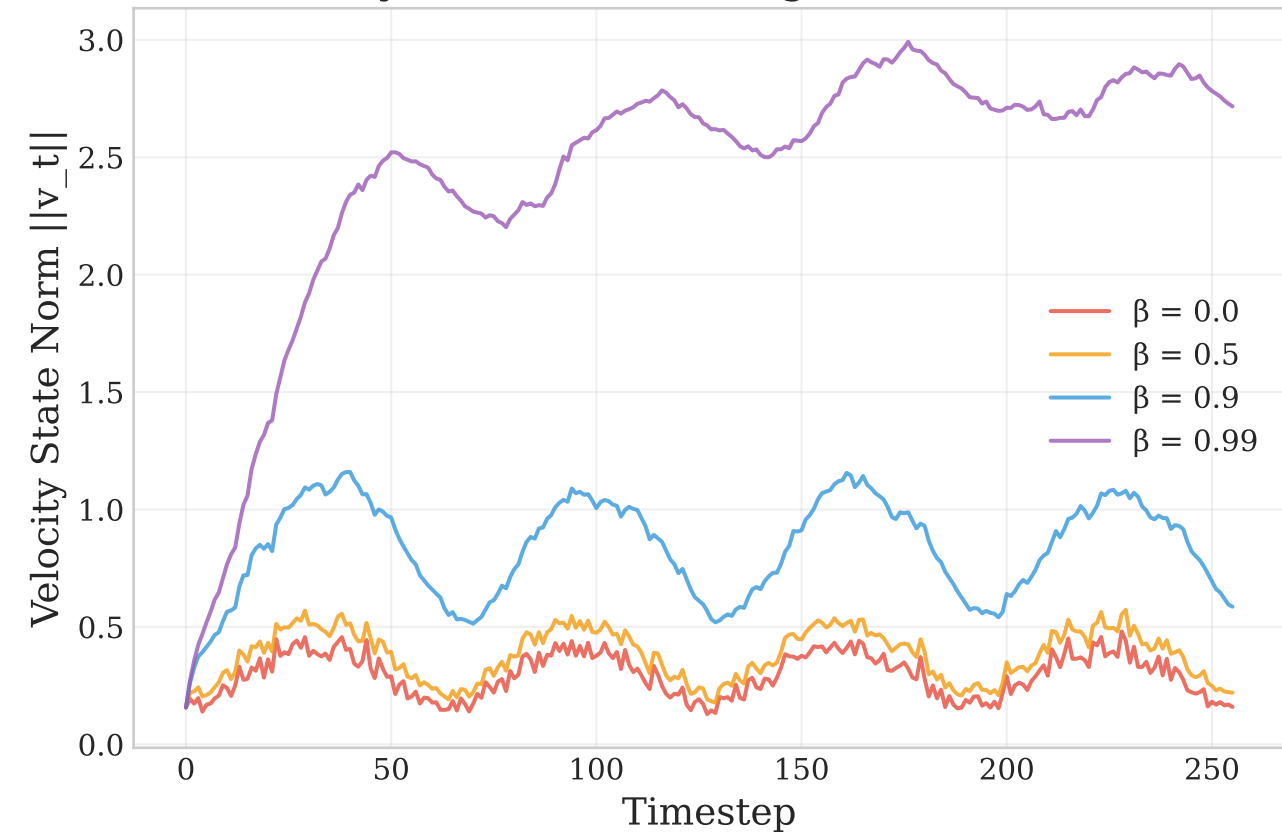


# Effect of Momentum ( $\beta$ ) on State Dynamics in MuonLonghorn

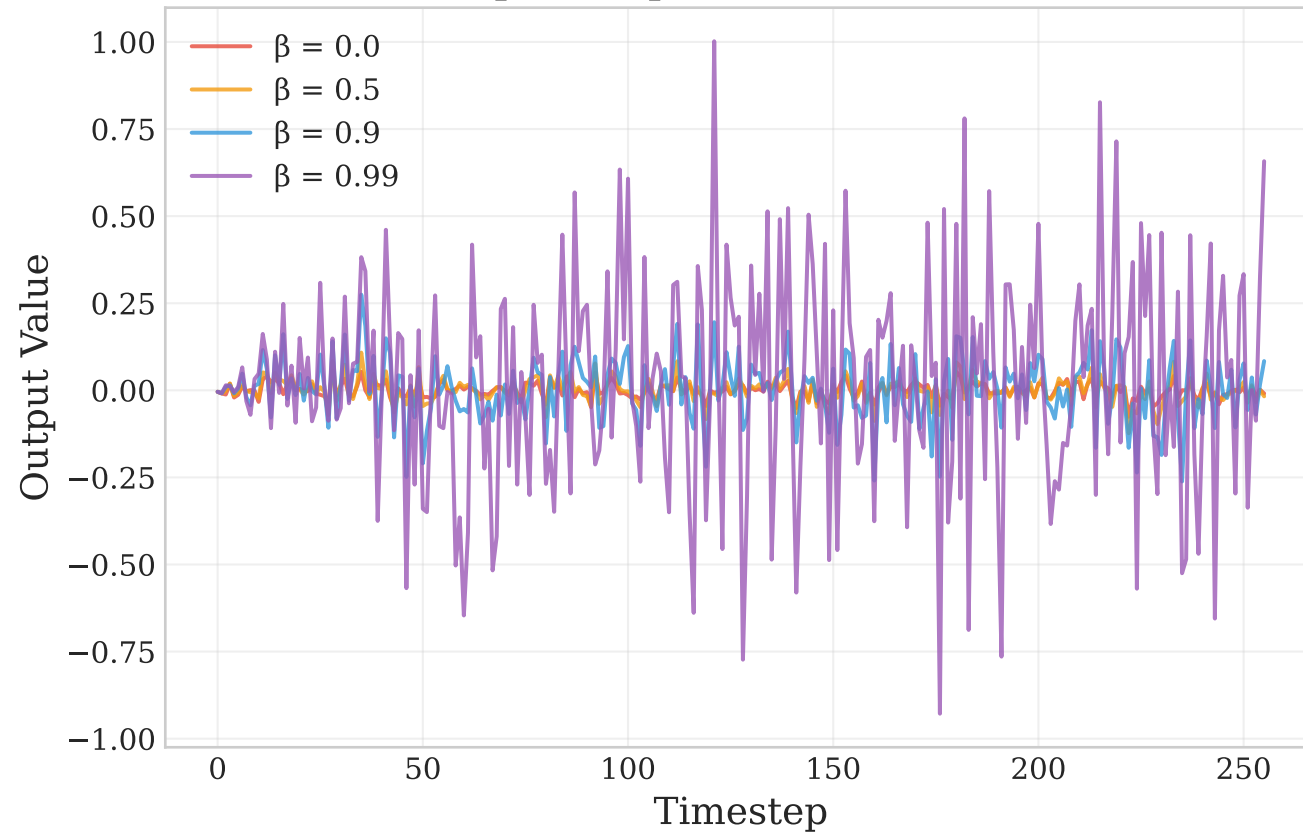
## Hidden State Magnitude Over Time



## Velocity (Momentum) Magnitude Over Time



## Output Sequence Smoothness



## Output Smoothness (Lower = Smoother)

