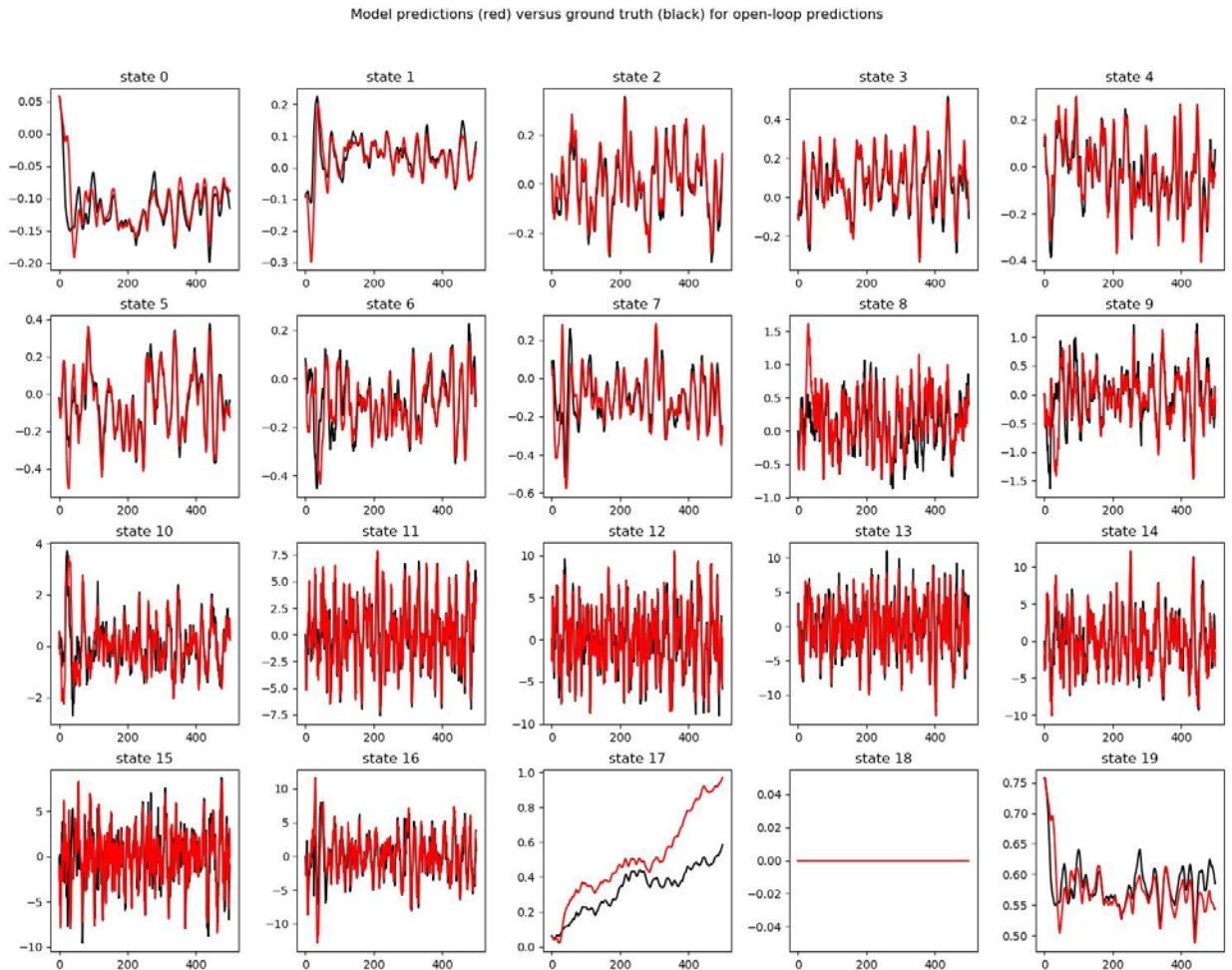


Problem 1

a) Provide a plot of the dynamics model predictions when the predictions are mostly accurate ¶



b) For (a), for which state dimension are the predictions the most inaccurate? Give a possible reason why the predictions are inaccurate

- Prediction for state dim-17 is the most inaccurate. Since it is a open loop prediction and state 17 has a upward trend, the small prediction errors will compound and the accumulation of them will make prediction deviate a lot from the actual states.

In []: