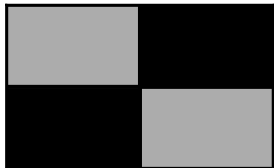


LSTM Twice  
 $R^2$  (%)



Forecasting time 2 s



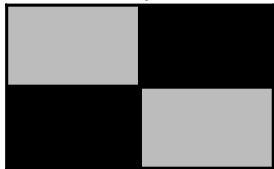
Forecasting time 3 s



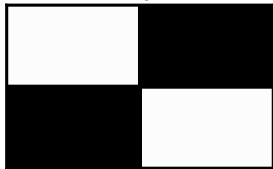
Forecasting time 4 s



Forecasting time 5 s



Forecasting time 10 s



Forecasting time 20 s



Forecasting time 30 s

Speed, heading, and time

x and y offset