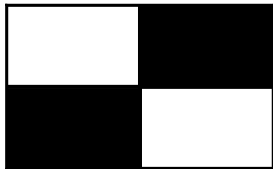


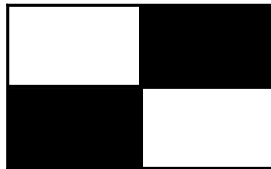
GRU Third  
 $R^2$  (%)



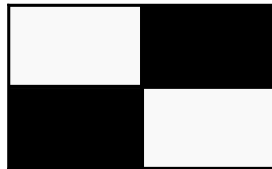
Forecasting length 2



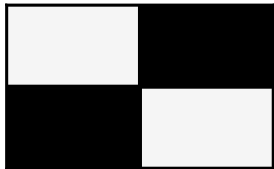
Forecasting length 3



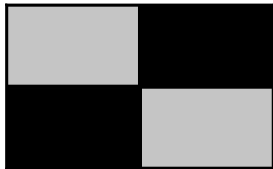
Forecasting length 4



Forecasting length 5



Forecasting length 10



Forecasting length 20



Forecasting length 30

x and y offset

Speed, heading, and time