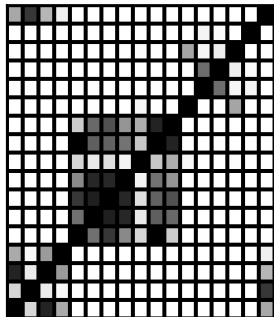
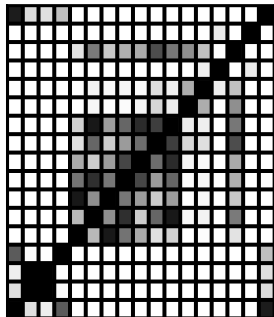


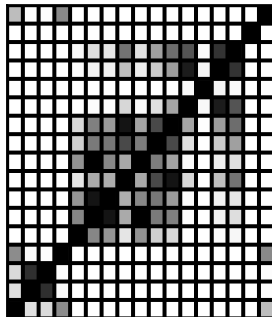
x and y offset  
 $R^2$  (%)



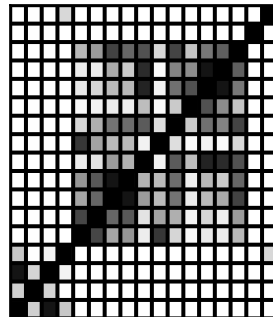
Forecasting length 2



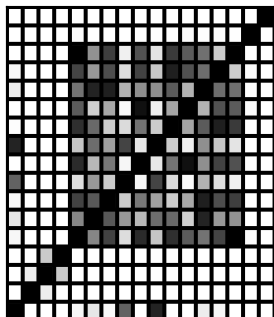
Forecasting length 3



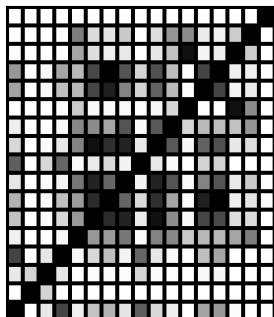
Forecasting length 4



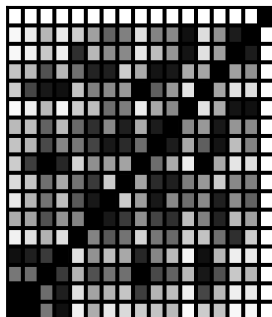
Forecasting length 5



Forecasting length 10

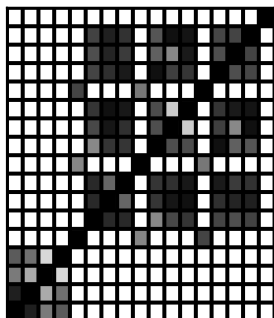


Forecasting length 20

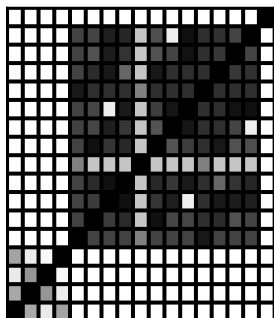


Forecasting length 30

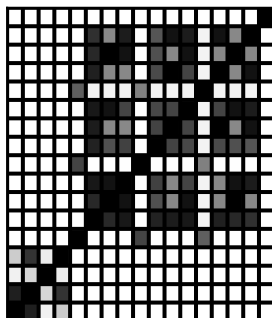
Speed, heading, and time  
 $R^2$  (%)



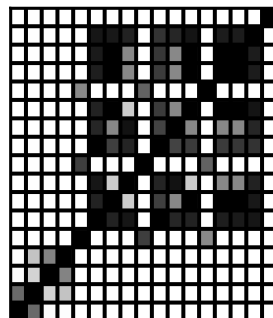
Forecasting length 2



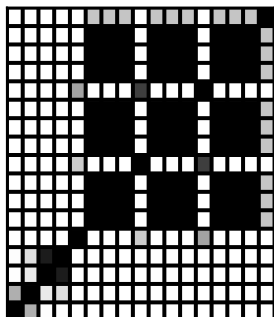
Forecasting length 3



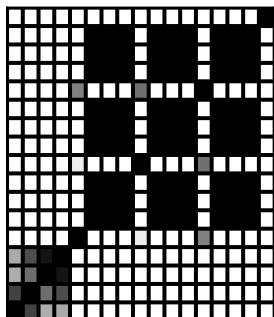
Forecasting length 4



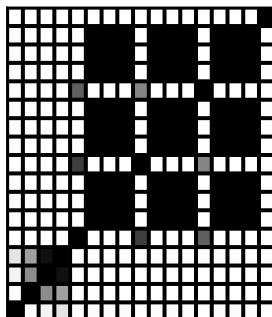
Forecasting length 5



Forecasting length 10



Forecasting length 20



Forecasting length 30

UniTS  
RNN Twice  
RNN Third  
RNN Reference  
RNN Linear  
LSTM Twice  
LSTM Third  
LSTM Reference  
LSTM Linear  
GRU Twice  
GRU Third  
GRU Reference  
GRU Linear  
GRU Att 4  
GRU Att 3  
GRU Att 2  
GRU Att 1