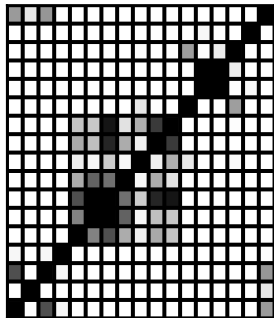
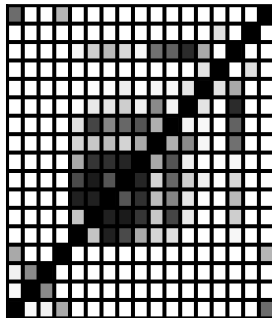


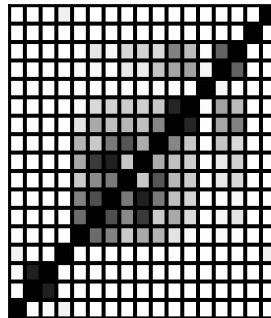
x and y offset  
 $R^2$  (%)



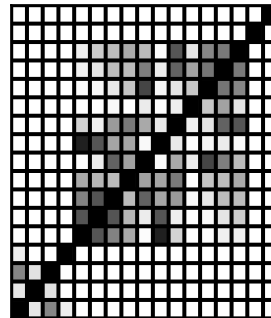
Forecasting time 2 s



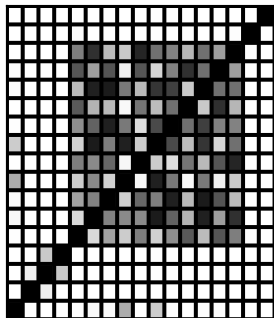
Forecasting time 3 s



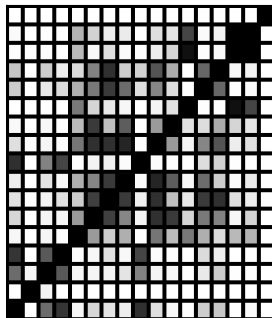
Forecasting time 4 s



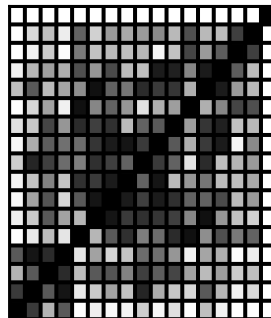
Forecasting time 5 s



Forecasting time 10 s

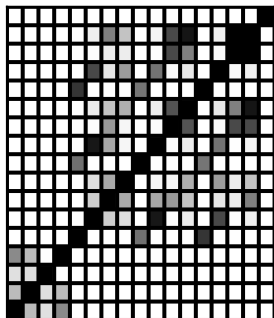


Forecasting time 20 s

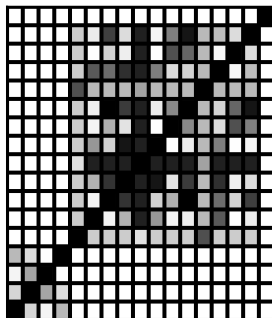


Forecasting time 30 s

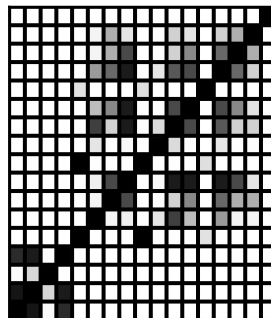
Speed, heading, and time  
 $R^2$  (%)



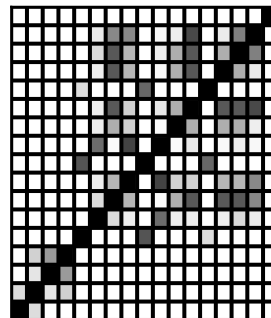
Forecasting time 2 s



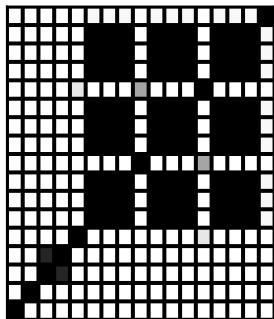
Forecasting time 3 s



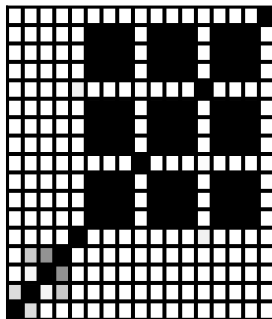
Forecasting time 4 s



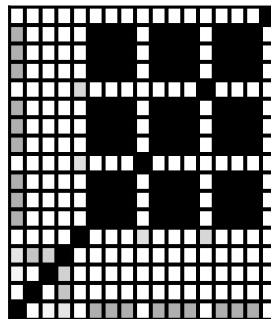
Forecasting time 5 s



Forecasting time 10 s



Forecasting time 20 s



Forecasting time 30 s

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