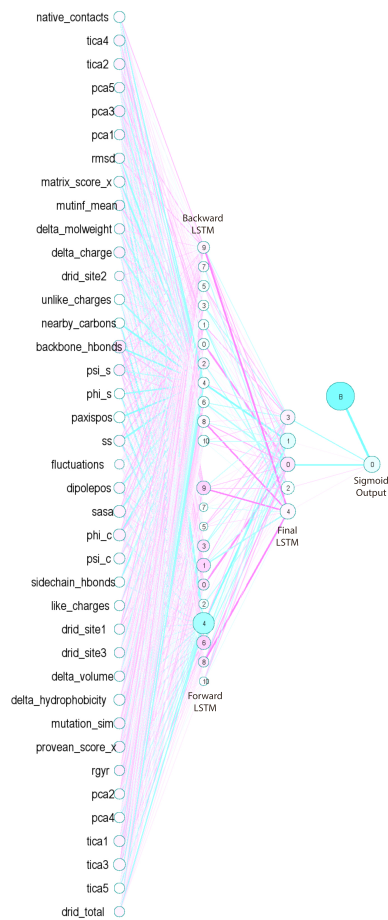# VIII. SUPPLEMENTARY INFORMATION

Fig. 13. Extended NID model applied to our bidirectional LSTM model.
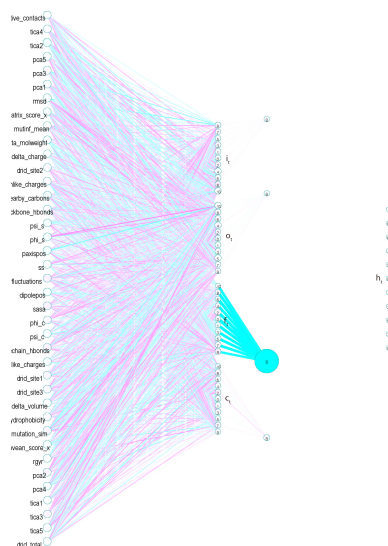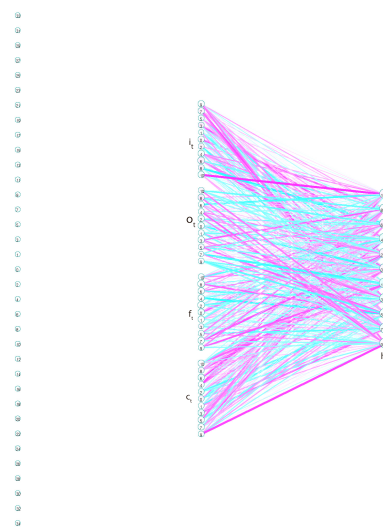

Fig. 14. LSTM NID for the feed-forward connections of the LSTM *forward LSTM* in figure VIII.

Fig. 15. LSTM NID for the recurrent connections of the LSTM *forward LSTM* in figures VIII and VIII.

Fig. 16. LSTM NID for the feed-forward connections of the LSTM *backward LSTM* in figures VIII.

Fig. 19. LSTM NID for the recurrent connections of the LSTM *Final LSTM* in figures VIII and figure VIII.
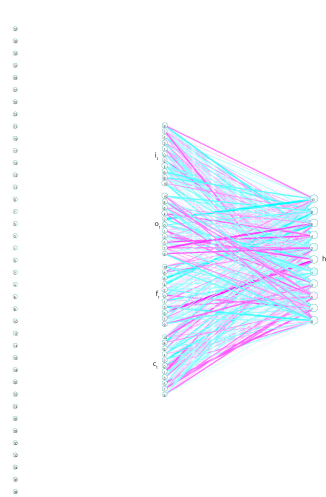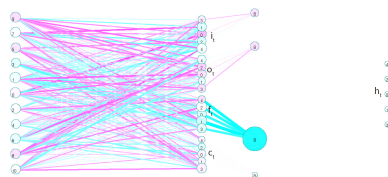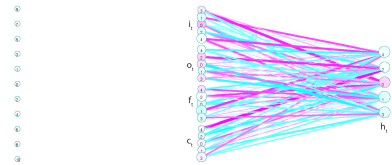

Fig. 17. LSTM NID for the recurrent connections of the LSTM *backward LSTM* in figures VIII and VIII.

Fig. 18. LSTM NID for the feed-forward connections of the LSTM *Final LSTM* in figures VIII.