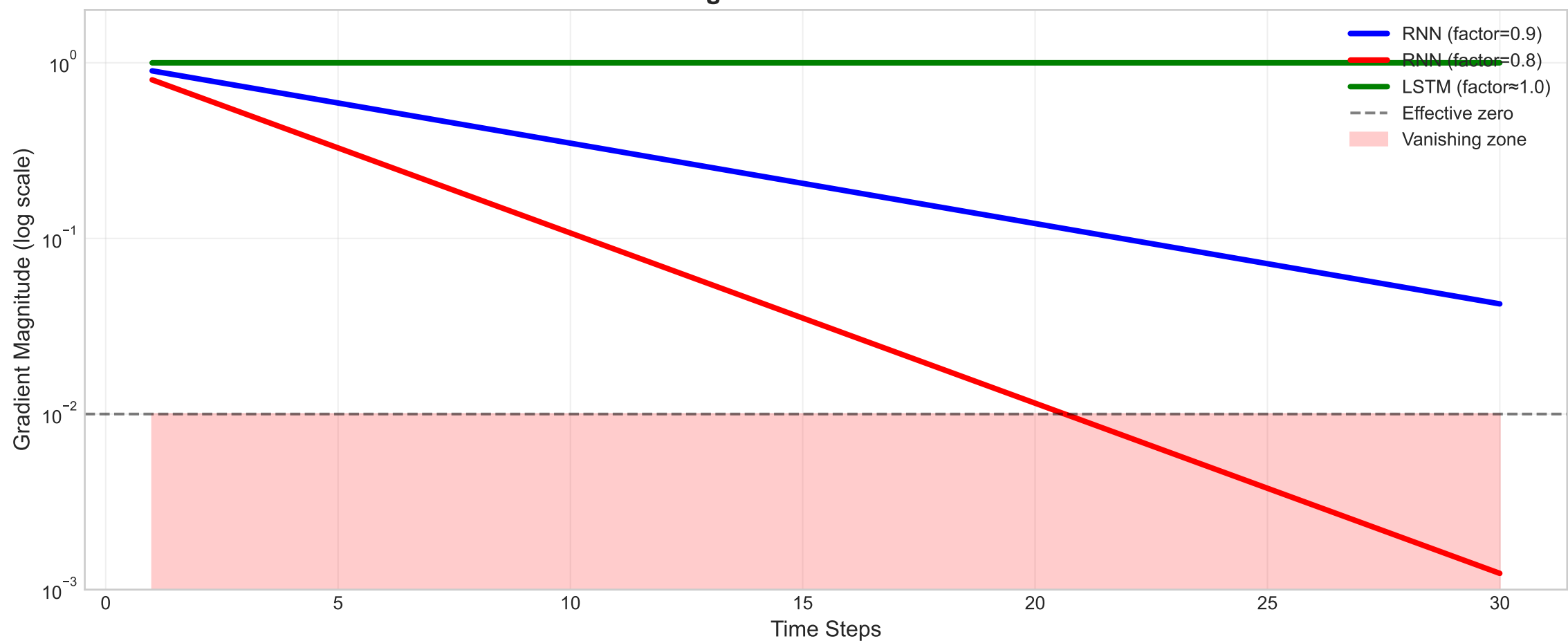
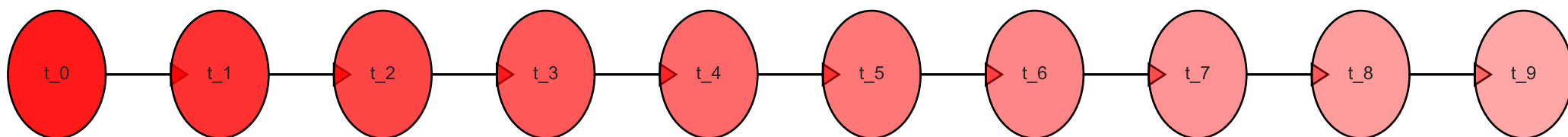


Vanishing Gradient Problem in RNNs

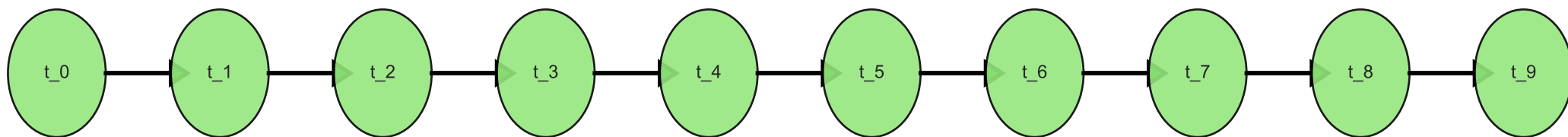


Gradient Flow Comparison: RNN vs LSTM

RNN: Gradient vanishes



LSTM: Gradient preserved



Gradient Highway