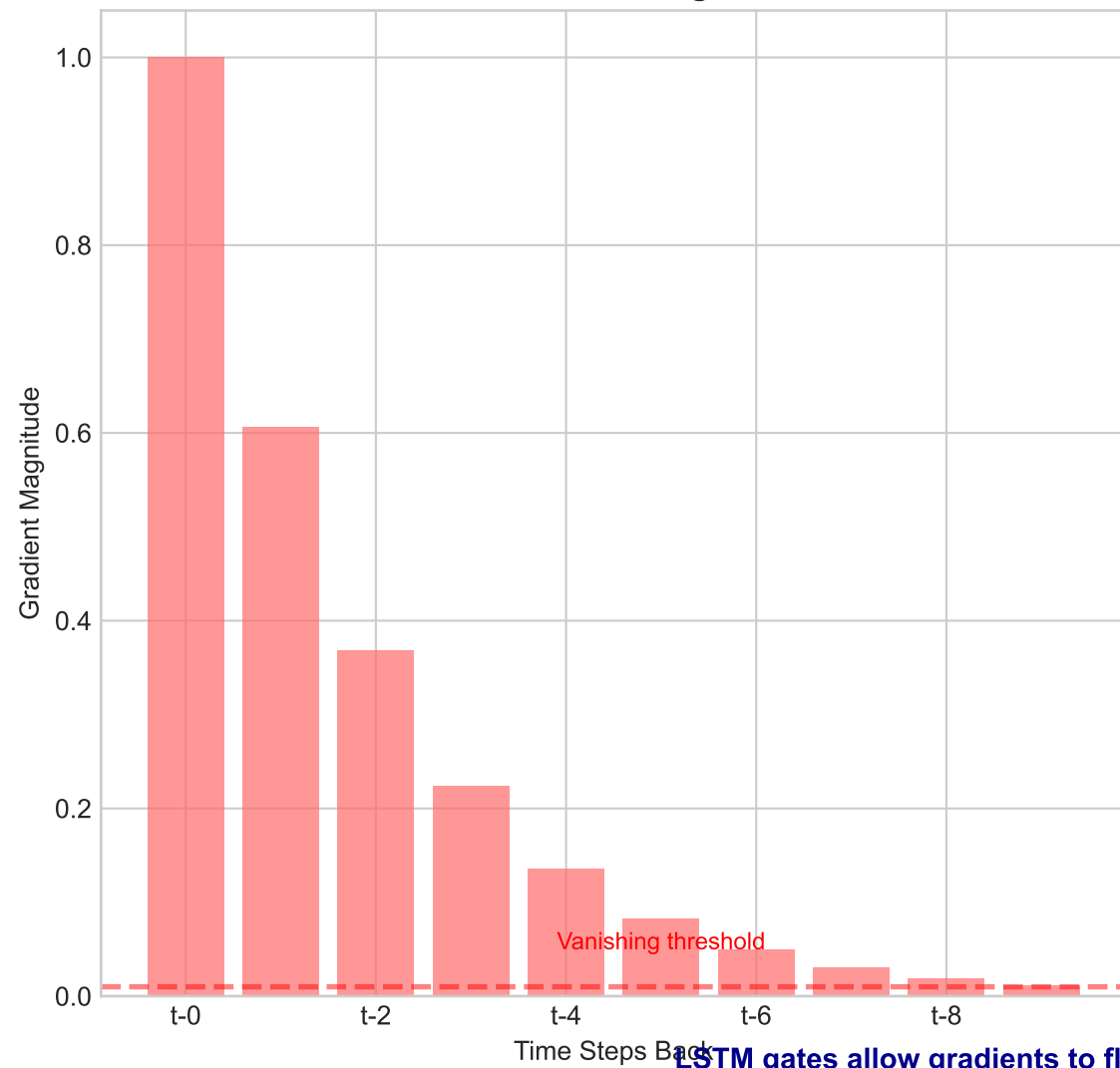


Vanilla RNN: Vanishing Gradients



LSTM: Preserved Gradients

LSTM gates allow gradients to flow through time without vanishing

