

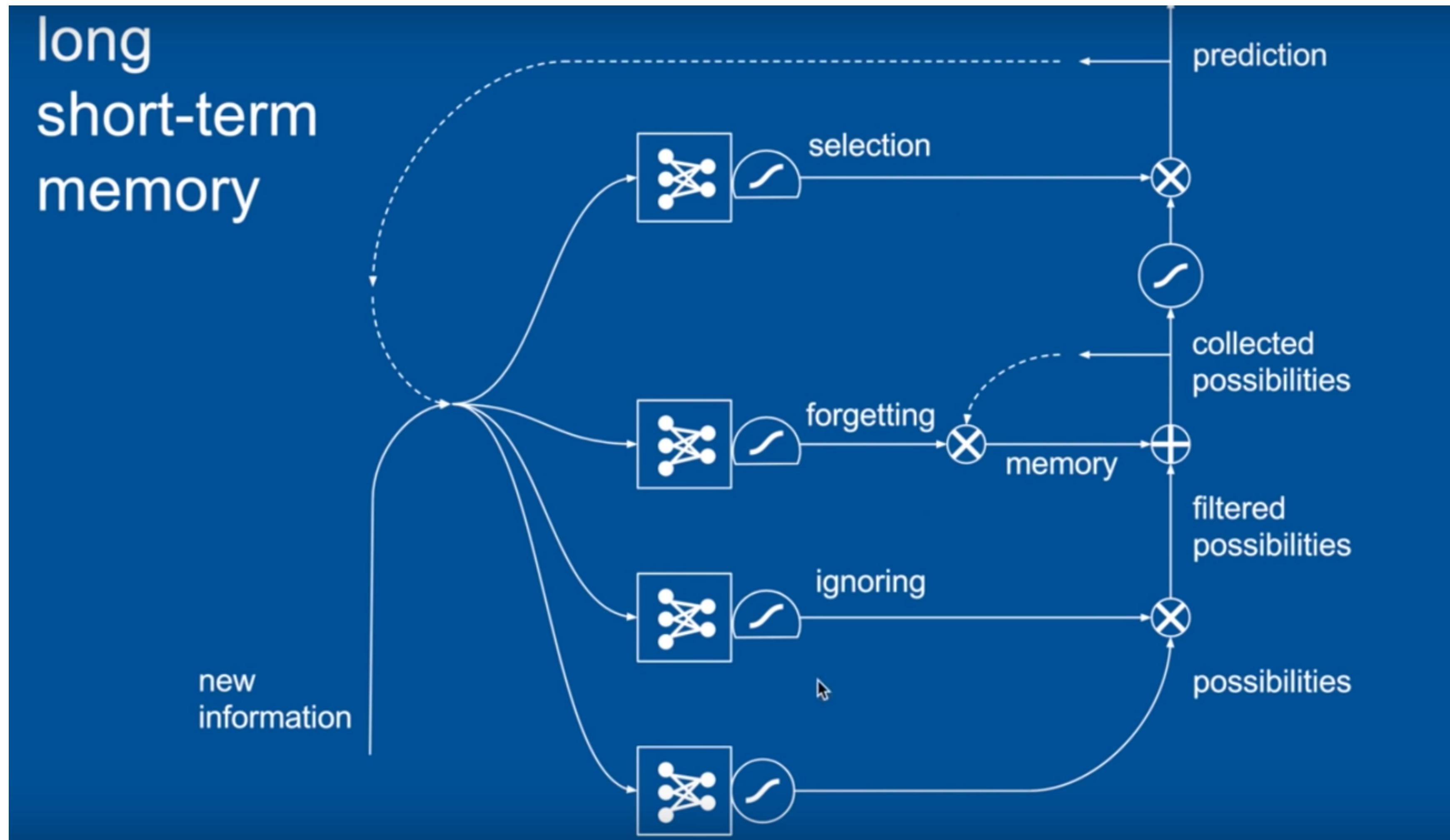


Universidade Federal de Alagoas  
Instituto de Computação

# LSTM applications

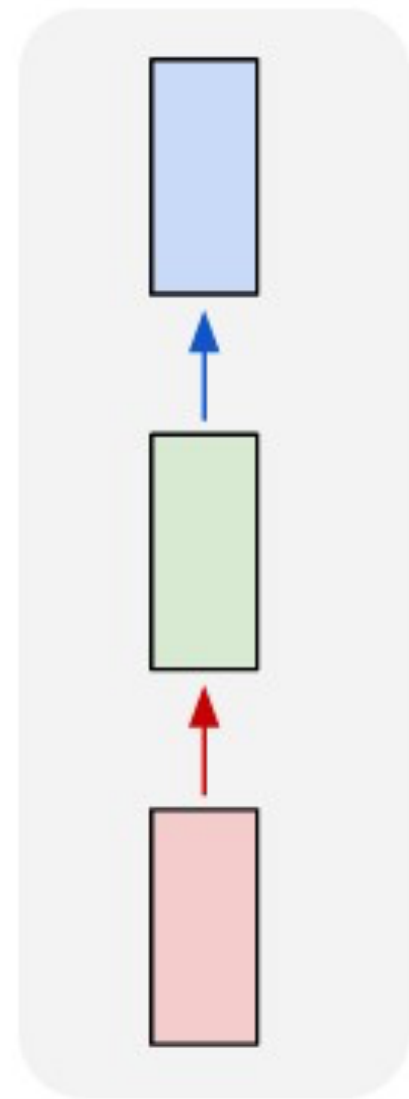
Prof. Thales Vieira

# LSTM diagram

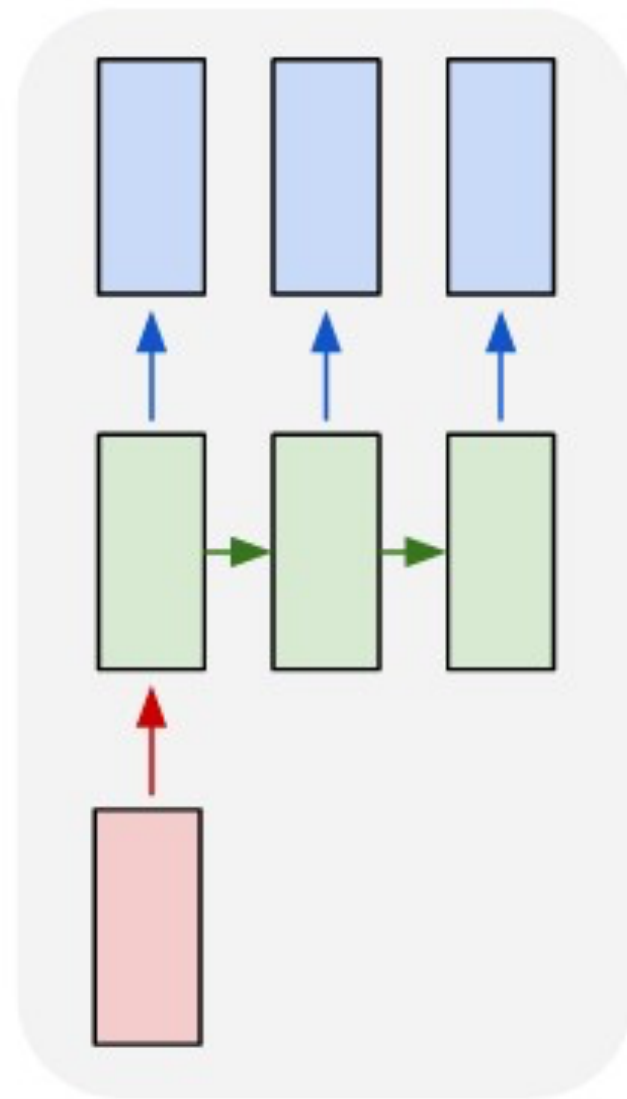


# Sequence regime of operation

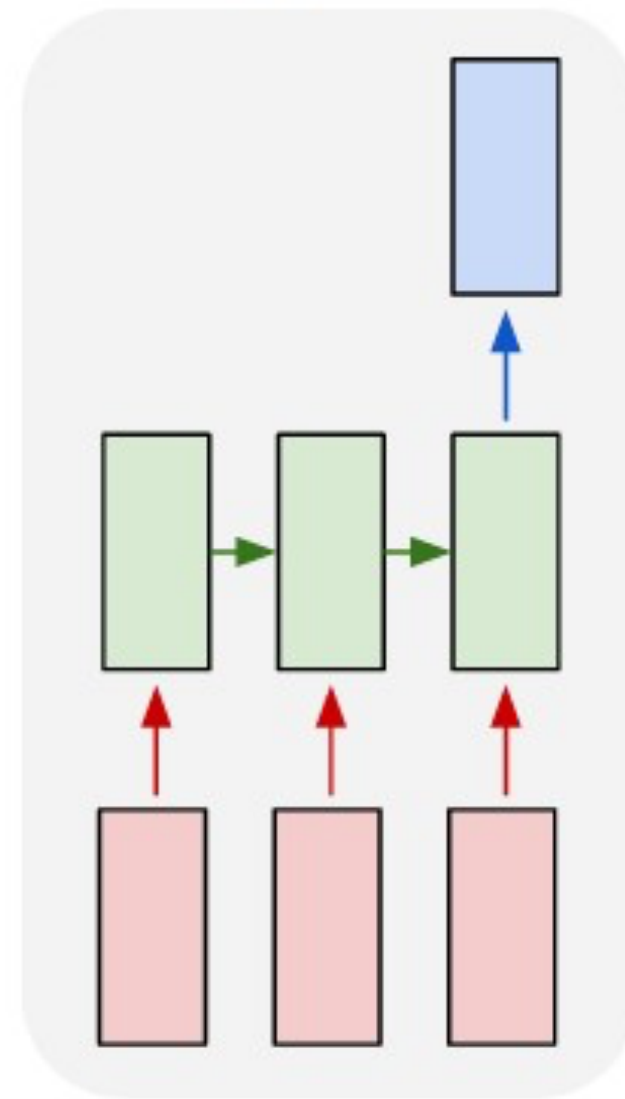
one to one



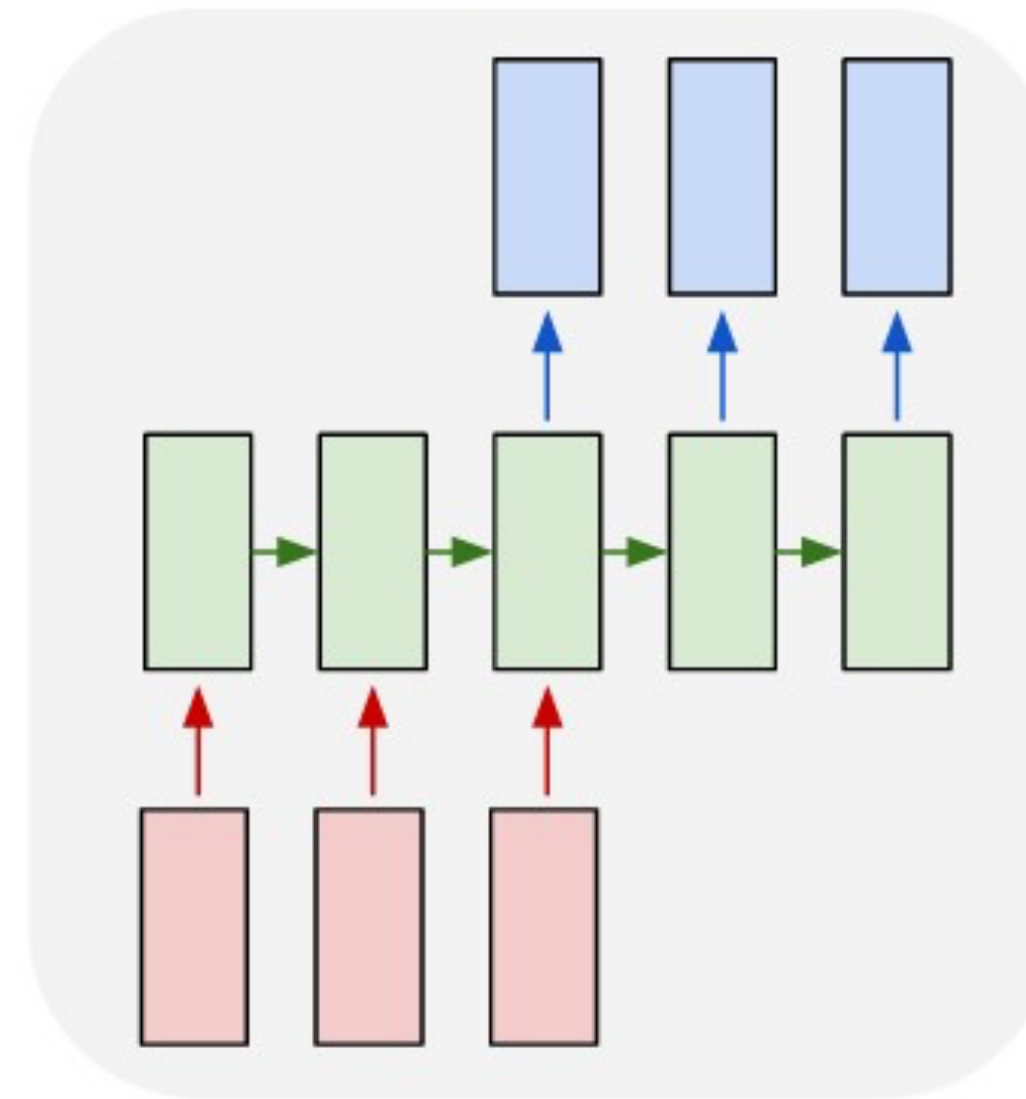
one to many



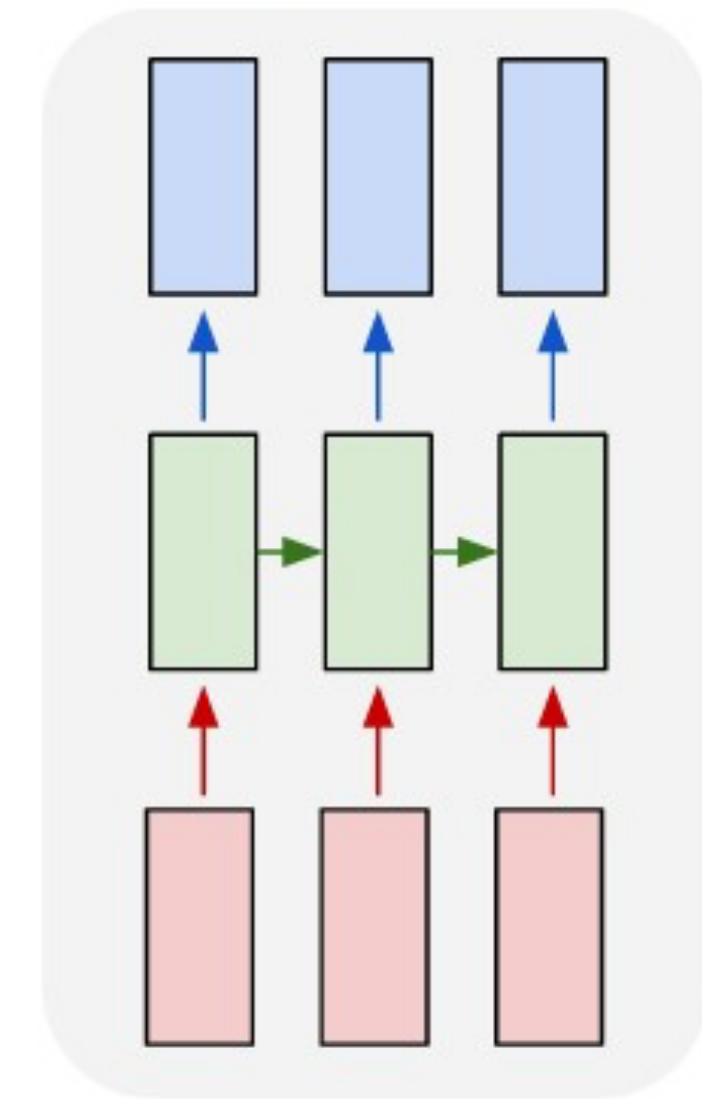
many to one



many to many



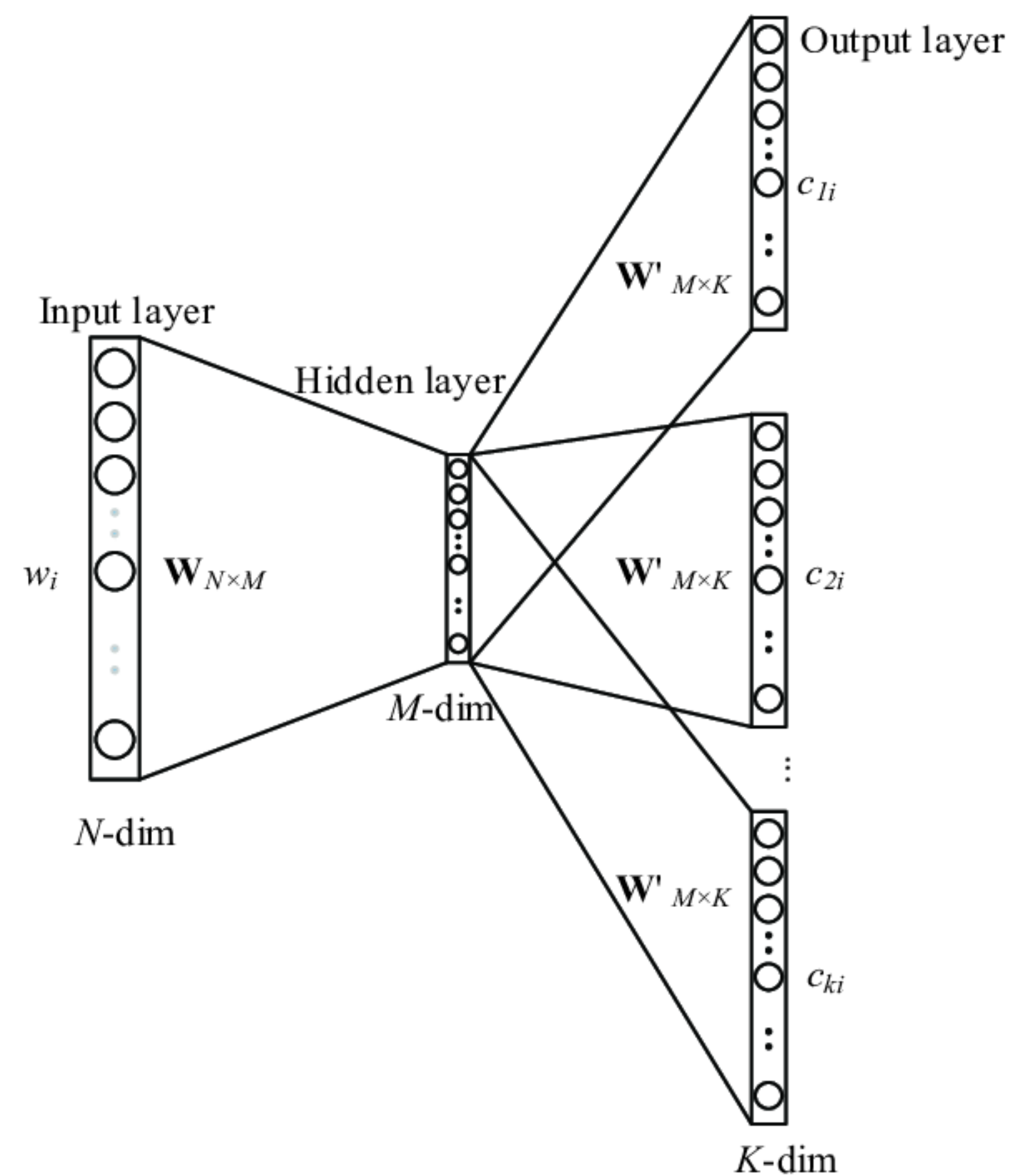
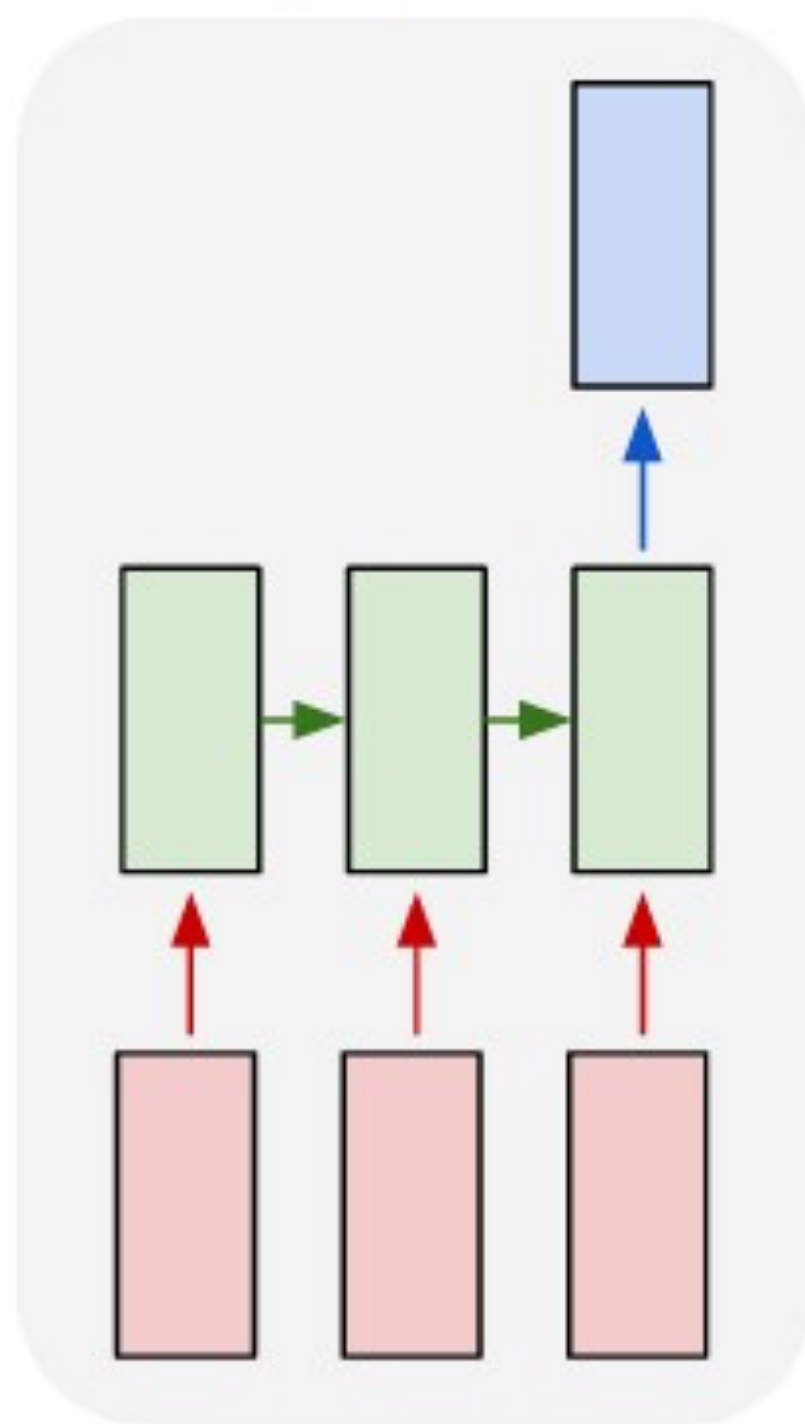
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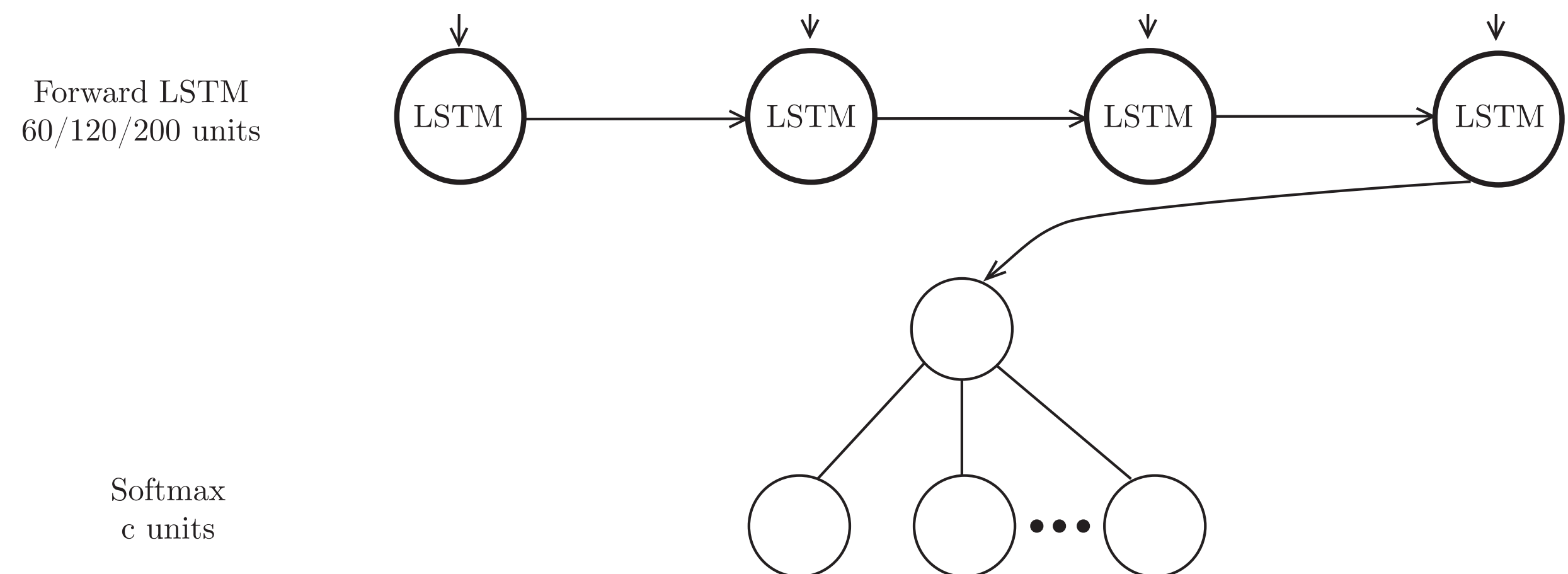
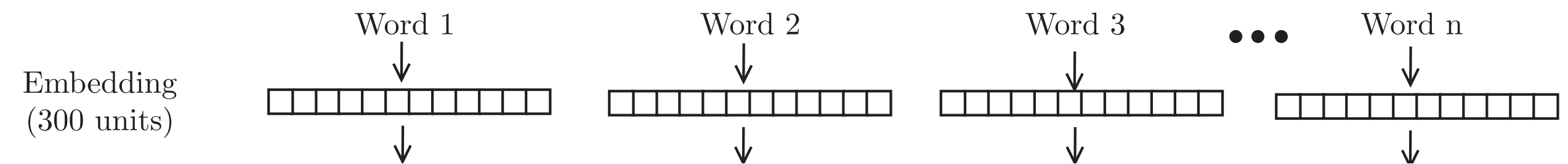
Feed-forward

# Classificação com LSTM

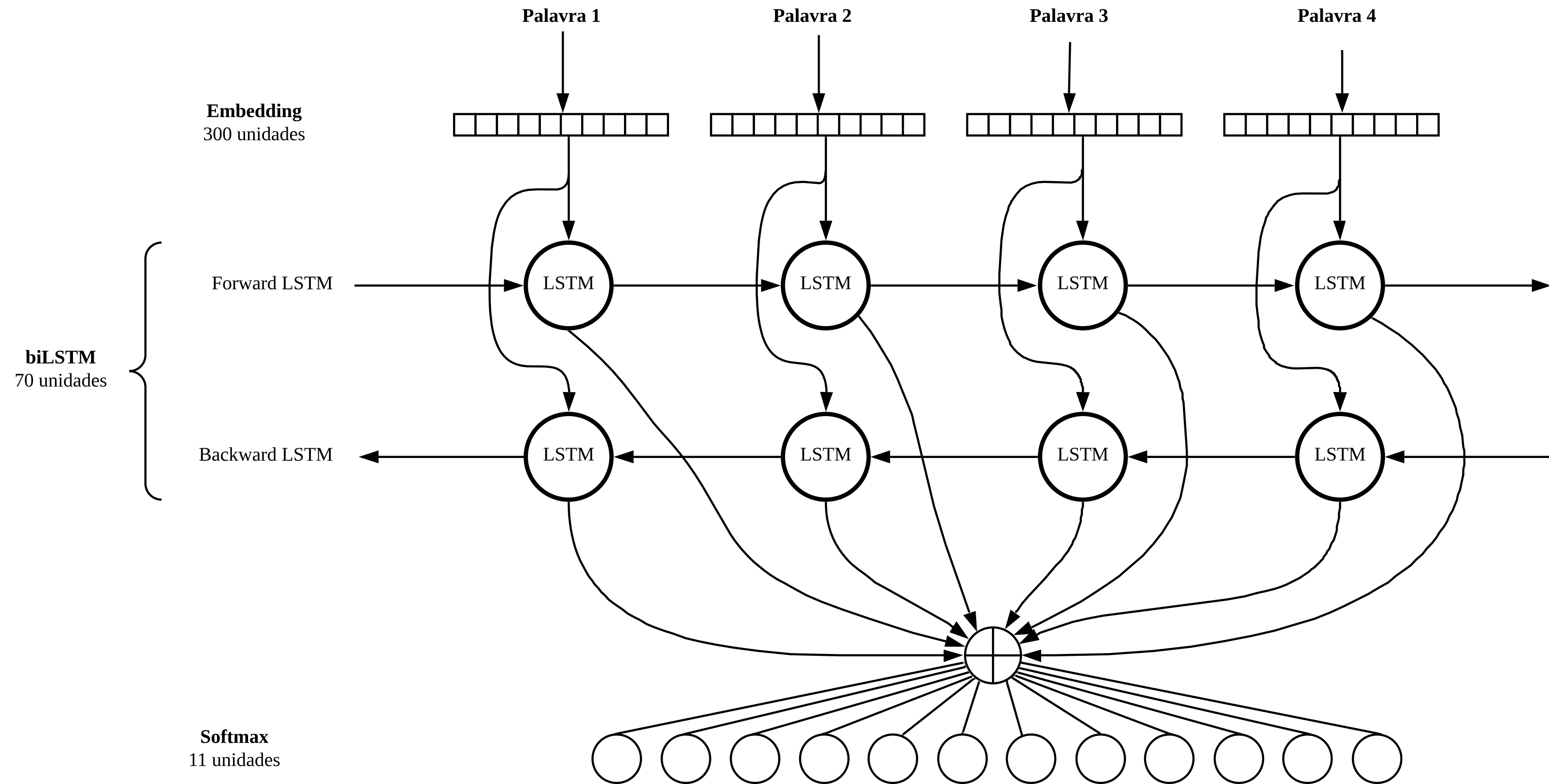
many to one



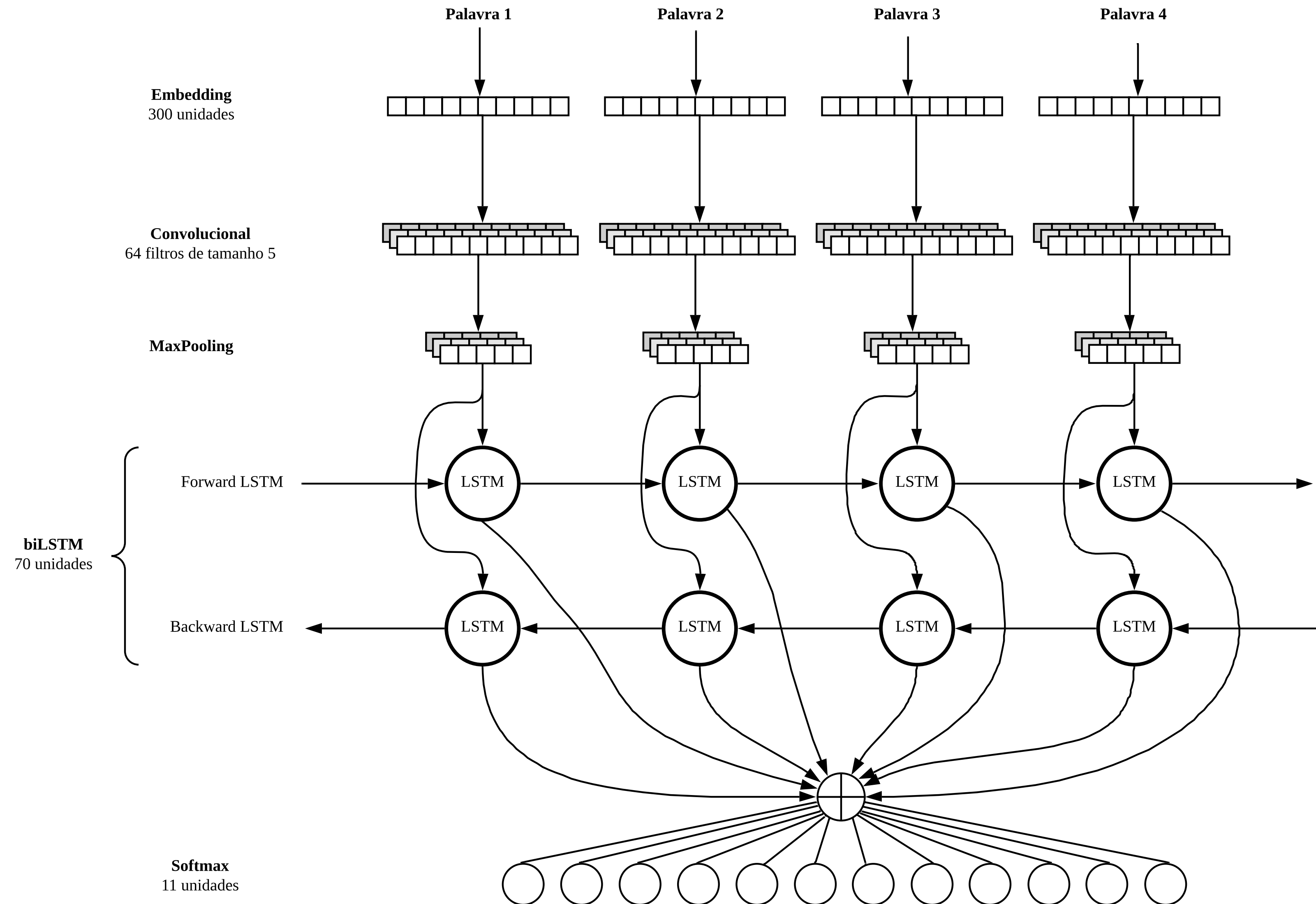
# Classificação com LSTM



# Classificação com Bi-LSTM



# Classificação com Conv+Bi-LSTM



# Exemplo do Kaggle

<https://www.kaggle.com/vipul92/sentiment-analysis-movie-review-keras-lstm>



# Geração de texto LSTM

<https://www.kaggle.com/shivamb/beginners-guide-to-text-generation-using-lstms>

