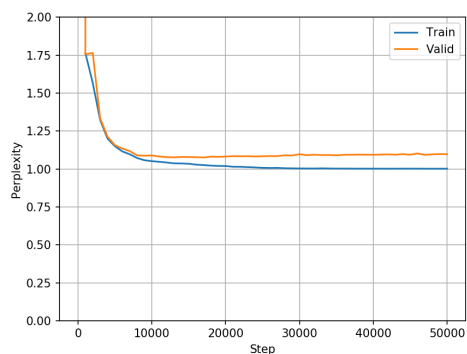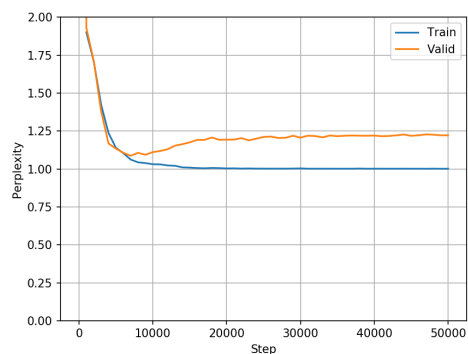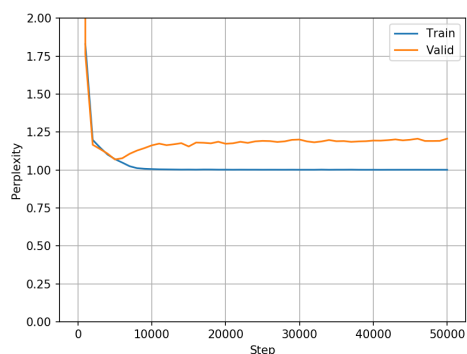# Plots of perplexity on the training and validation set of Monument for each model
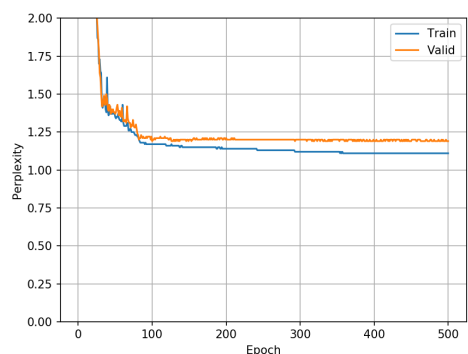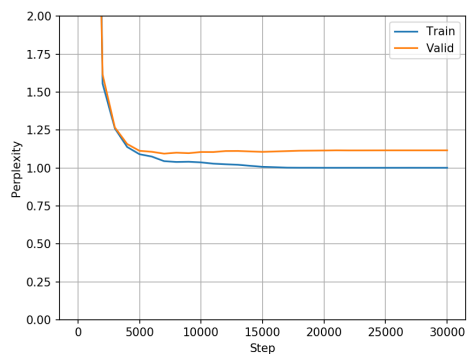

(a) NSpM

(b) NSpM+Att1

(c) NSpM+Att2

(d) LSTM_Luong

(e) GNMT-4

(f) GNMT-8

(g) ConvS2S

(h) Transformer

Plots of perplexity on the training and validation set of Monument80 for each model
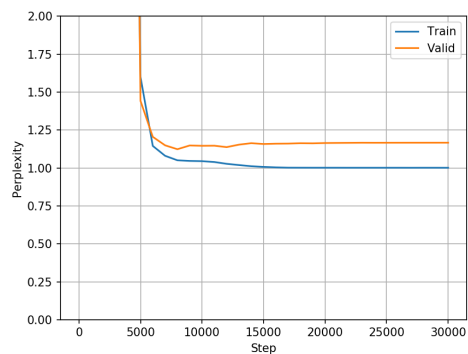

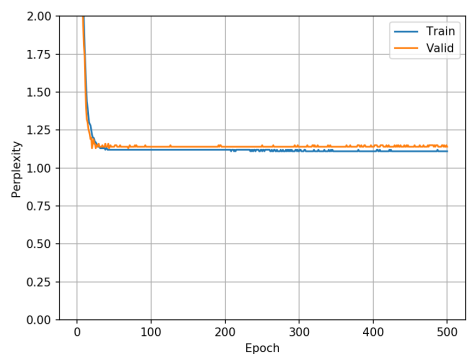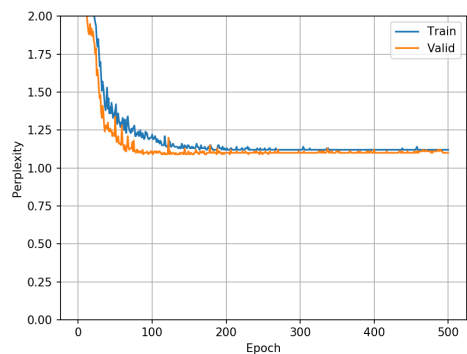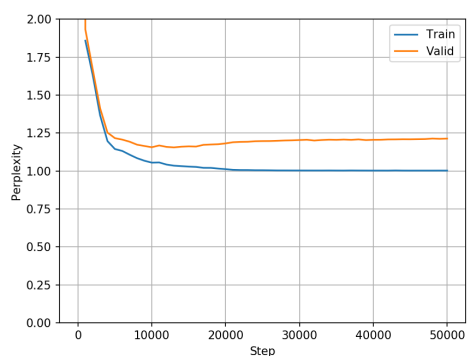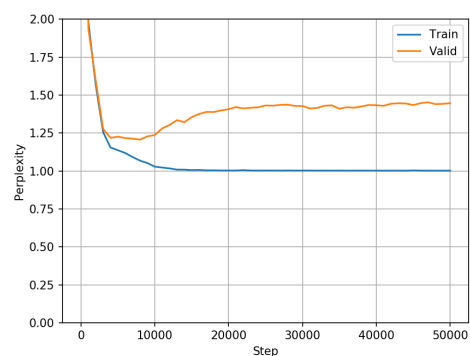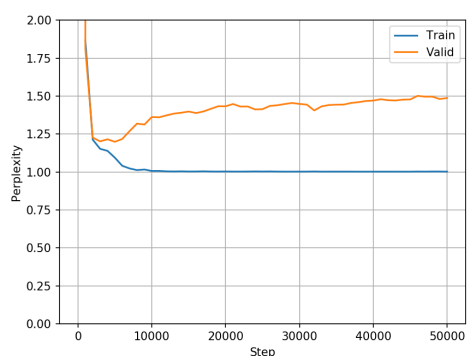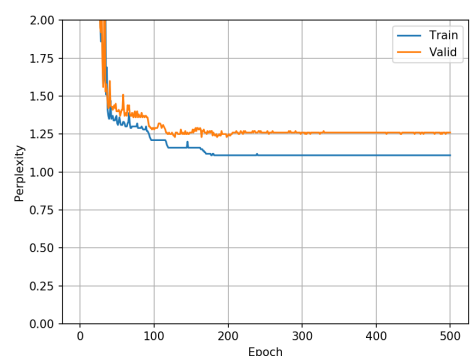
(a) NSpM
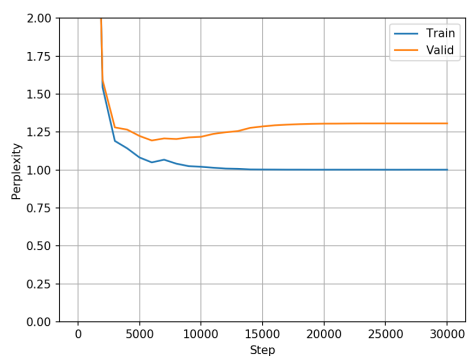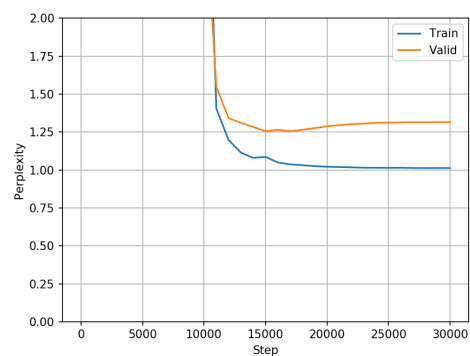
(b) NSpM+Att1

(c) NSpM+Att2

(d) LSTM_Luong

(e) GNMT-4

(f) GNMT-8

(g) ConvS2S

(h) Transformer

Plots of perplexity on the training and validation set of Monument50 for each model

(a) NSpM

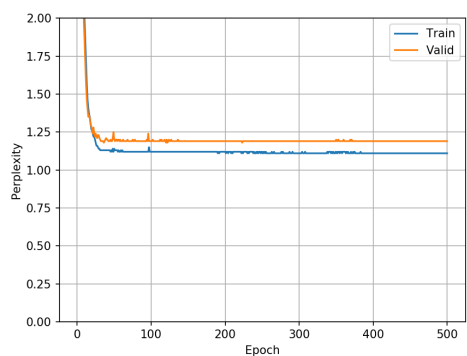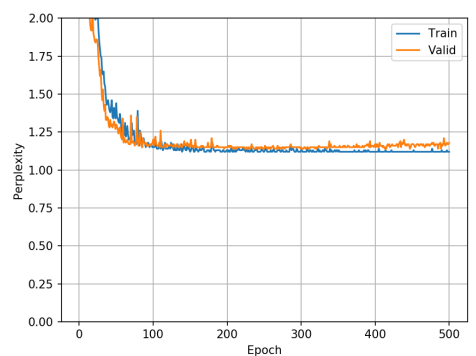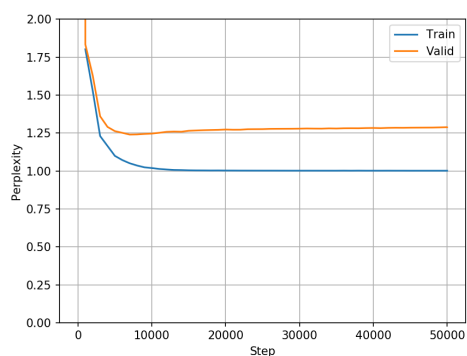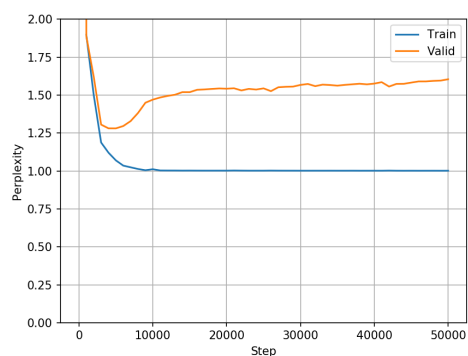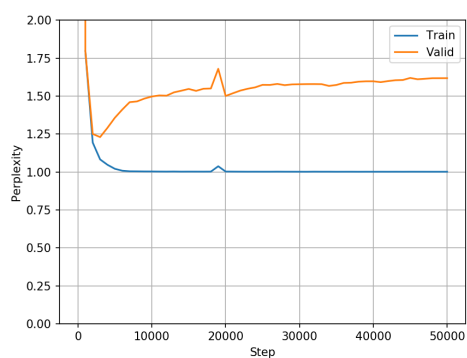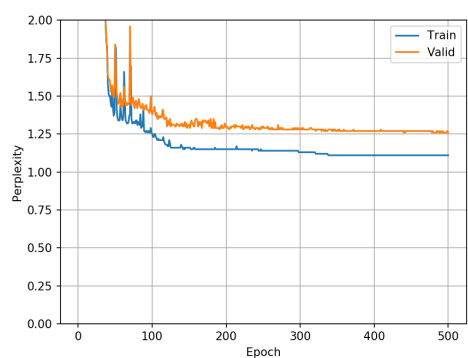(b) NSpM+Att1

(c) NSpM+Att2

(d) LSTM_Luong

(e) GNMT-4

(f) GNMT-8

(g) ConvS2S

(h) Transformer

Plots of perplexity on the training and validation set of LC-QUAD for each model

(a) NSpM

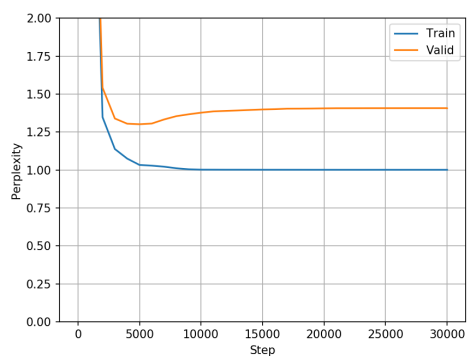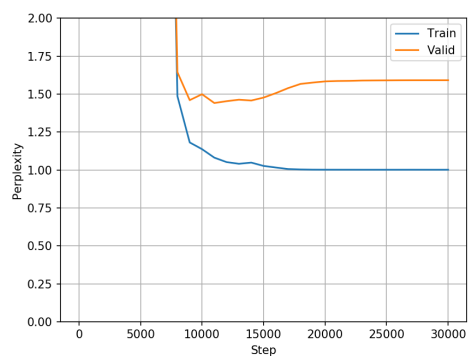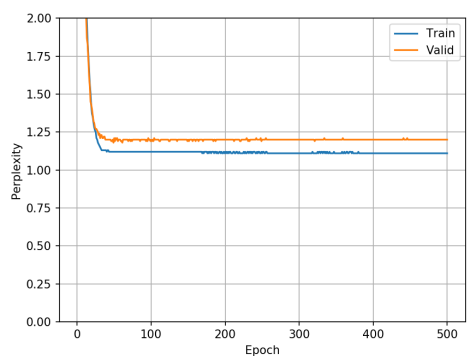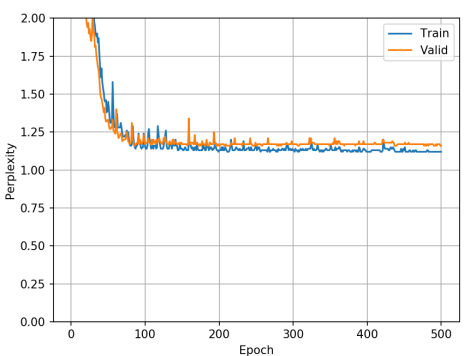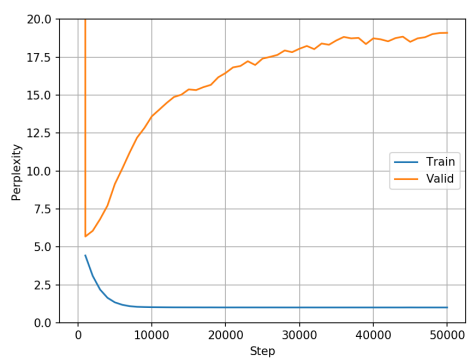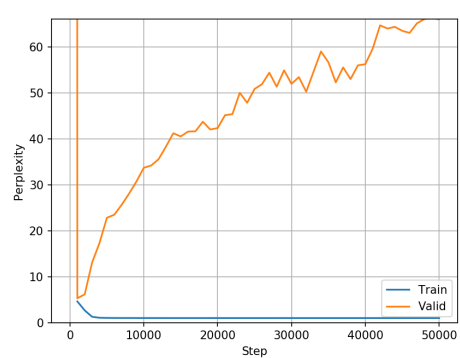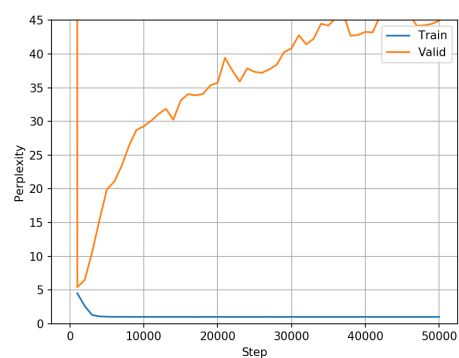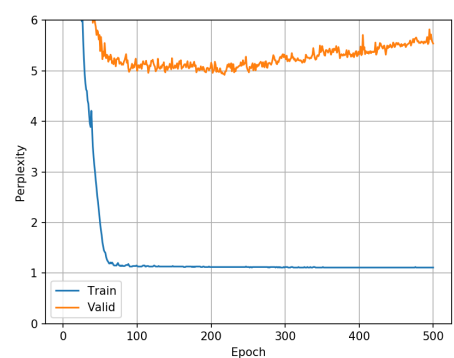

(b) NSpM+Att1

(c) NSpM+Att2

(d) LSTM_Luong

(e) GNMT-4

(f) GNMT-8

(g) ConvS2S

(h) Transformer

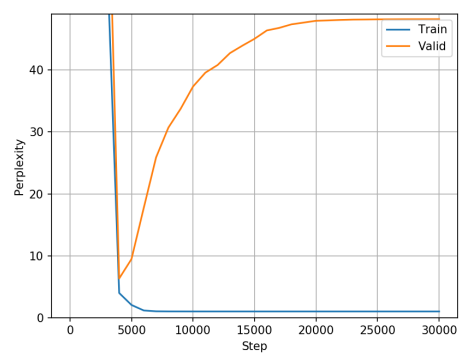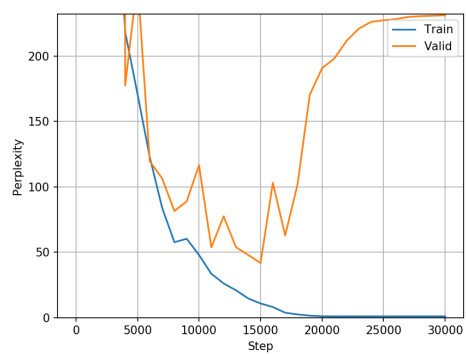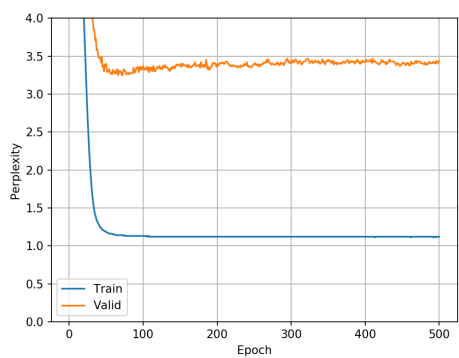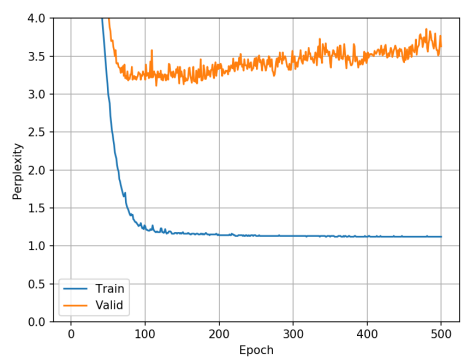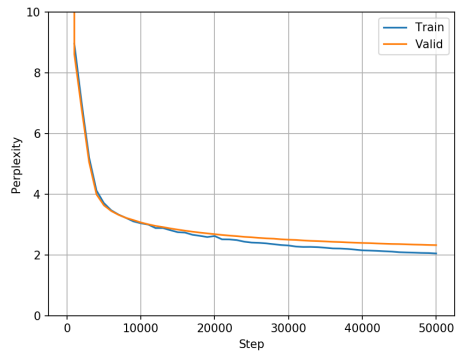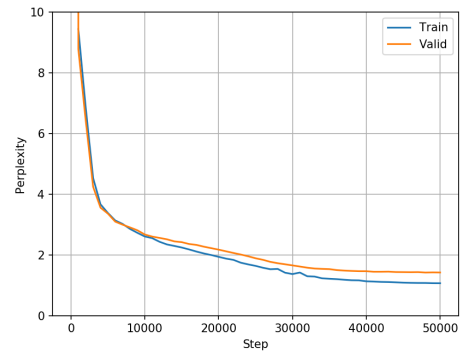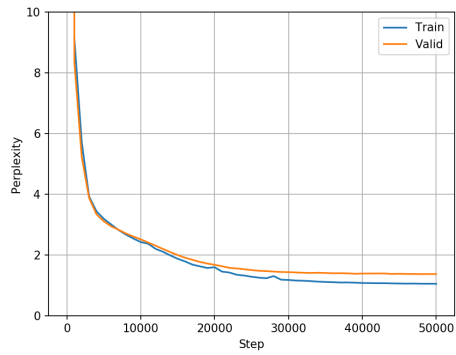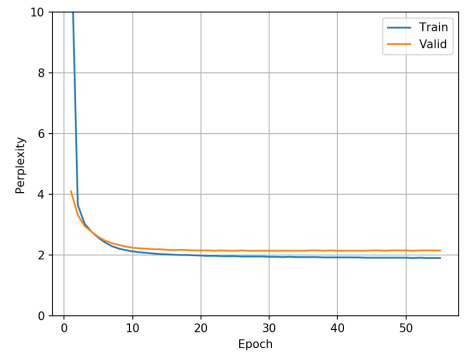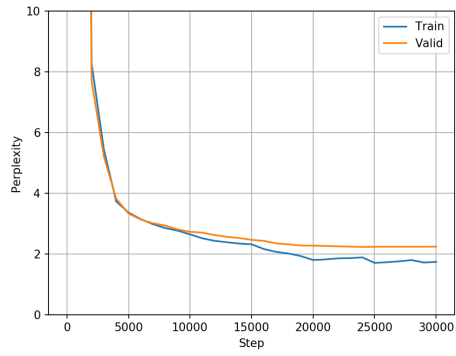**Plots of perplexity on the training and validation set of DBNQA for each model**
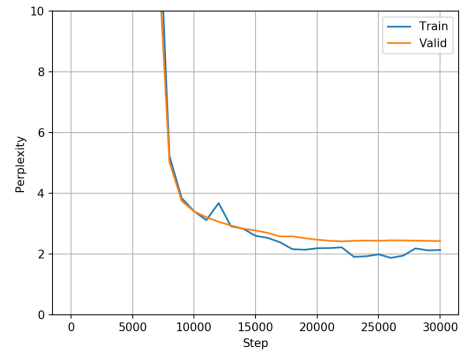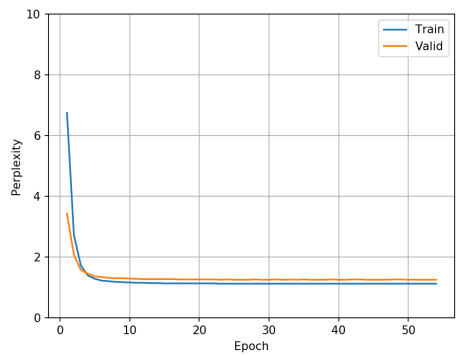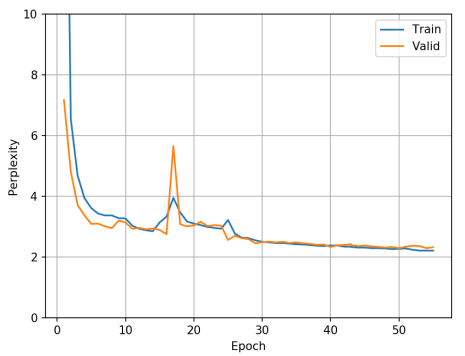

(a) NSpM

(b) NSpM+Att1

(c) NSpM+Att2

(d) LSTM_Luong

(e) GNMT-4

(f) GNMT-8

(g) ConvS2S

(h) Transformer