## EECE7398 – Lab 2

Epoch	Loss	Validation Corpus	BLEU Score	Validation	Avg Sentence	BLEU Score
1	3.299608	-	0.312963	İ		0.285609
2	1.631530		0.403539	İ		0.371106
3	0.981690		0.451730	İ		0.414254
4	0.793411		0.459820	İ		0.420427
5 j	0.646916		0.463440	İ		0.424349
6 j	0.615354		0.464304	İ		0.425897
7	0.583403		0.464402	İ		0.425799
8	0.577269		0.464156	İ		0.425746
9 j	0.570085		0.464385	İ		0.425917
10 j	0.569137		0.464567	İ		0.425948

Model saved in file: model/trained\_model.pth.

Figure 1: train function model training results on IWSLT'15 English-Vietnamese dataset

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Testing on tst2012
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Figure 2: test function model testing results on tst2012

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Figure 3: test function model testing results on tst2012

tst2012 - Average Sentence BLEU: 42.198

tst2012 - Corpus BLEU: 46.388

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Testing on tst2013
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Translated Sentences:
khi tôi còn nhỏ, tôi nghĩ đất nước của tôi là người giỏi nhất trên hành tinh , và tôi đã tăng lên một bài hát có tên là " không có gì để ghen tị " .
và tôi rất tự hào .
ở trường , chúng tôi đã dành rất nhiều thời gian nghiên cứu lịch sử của người bắc , nhưng chúng tôi không bao giờ học được nhiều về thế giới bên ngoài , ngoại trừ nước mỹ , hàn quốc , hàn quốc , nhật bản là kẻ thù .
mặc dù tôi thường tự hỏi về thế giới bên ngoài , tôi nghĩ tôi sẽ dành cả đời ở bắc triều tiên , cho đến mọi thứ đột nhiên thay đối .
khi tôi 7 tuổi , tôi thờng lớn đầu tiên của tôi , nhưng tôi nghĩ rằng cuộc sống của tôi ở bắc triều tiên là bình thường .
gia định tôi không nghèo , và tôi , tôi chưa bao giờ trôi qua nạn đối .
nhưng một ngày no , nầm 1995 , mẹ tôi mang về nhà chữ từ một chiếc taxi của người chị .
nổ đọc , " khi bạn đọc bài này , tốt cả nằm thành viên gia đình sẽ không tốn tại trong thế giới này , bởi vì chúng tôi chưa ăn trong hai tuấn qua .
chúng ta nằm trên sàn nhà , và cơ thể chúng ta rất yếu chúng ta sẵn sàng để " .
tôi đã bị sốc .
sas dinn til sloben peder. in 18.1 form bes gir fielt spå men det.

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to sign late. We gate not read making the read to thank high climbing paged the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the c
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Figure 5: test function model testing results on tst2013

tst2013 - Average Sentence BLEU: 41.510 tst2013 - Corpus BLEU: 45.493