## Language-wise Cross-lingual Tranfer Performance on POS tagging: bloom-1b1 86.0 71.2 en 81.3 84.9 85.6 86.2 86.3 86.4 - 80 30.5 14.7 33.8 ar 22.5 35.2 29.6 32.7 44.2 es 72.6 19.7 - 70 31.0 60.8 70.7 73.0 73.9 74.0 ne 31.0 33.1 38.0 38.9 27.2 37.2 37.6 37.4 60 **Target Languages** 30.3 63.7 69.0 69.3 71.6 17.8 73.2 72.1 fr 50 þj 17.0 29.1 30.3 24.6 21.2 10.6 33.6 22.5 mr 31.3 32.6 31.5 28.0 31.0 29.5 35.7 28.2 40 pt 36.0 70.5 26.3 71.0 62.5 69.4 72.2 72.2 30 21.5 23.6 12.7 14.3 22.0 20.0 23.2 25.7 ta 10.2 ur 28.4 24.4 18.3 18.1 3.9 25.0 20.3 20

44.7

14.6

300

.Z

 $^{\mathrm{z}}$ 

27.1

28.5

1

41.8

24.2

10

44.2

14.8

100

44.0

19.2

200

Global Steps (K)

25.1

5.7

400

45.7

11.0

500

43.0

7.0

600

10