Open LLM Leaderboard v1/v2		
FLOPs (shared <sub>-</sub> intercept)	6.1	
FLOPs -	4.1	
Size and $\_$	<i>1</i> 1	

Tokens

(d=1)

(d=2)

(d=3)

PCA + FLOPs

PCA + FLOPs

PCA + FLOPs

PCA + FLOPs

Sloth basic (d=1) (shared intercept)

Sloth basic (d=2)

(shared intercept)

Sloth basic (d=3)

(shared intercept)

Sloth basic (d=4)

(shared intercept)

Sloth (d=1) (shared intercept)

Sloth (d=2) (shared intercept)

Sloth (d=3) (shared intercept)

Sloth (d=4) (shared intercept)

Sloth basic

Sloth basic (d=2)

Sloth basic

Sloth basic

(d=3)

(d=4)

Sloth

(d=1)

Sloth

(d=2)

Sloth

(d=3)

Sloth

(d=4)

(d=1)

(d= -4) 4.1

6.3

5.9

5.6

5.7

6.4

6.2

6.2

6.3

5.7

6.0

5.3

5.2

6.8

4.9

4.5

4.9

5.3

4.2

3.5

4.1

Average