Open LLM Leaderboard v1/v2		
FLOPs ·	11.1	
Size and Tokens	5.2	
PCA + FLOPs (d=1)	8.8	
PCA + FLOPs	8.3	

(d=2)

(d=3)

(d=4)

8.4

8.6

6.2

5.9

6.0

6.0

6.4

6.0

6.1

5.7

6.7

5.7

5.4

5.0

6.3

4.8

4.0

Average

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)

(shared intercept)

(shared intercept)

Sloth (d=4) (shared intercept)

Sloth (d=2)

Sloth (d=3)

Sloth basic

Sloth basic

Sloth basic

Sloth basic (d=4)

(d=1)

(d=2)

(d=3)

Sloth (d=1)

Sloth

(d=2)

Sloth

(d=3)

Sloth (d=4)