MMLU Formal Logic $p_{\theta}^{\mathsf{Vocab}}(\mathsf{Correct\ Choice})$ Correlation: spearman Correlation: pearson Correlation: kendall 1.00 -1.001.00 -1.000.00Correlation Between FLOPs and Scores (Per Sample) Correlation Between FLOPs and Scores (Per Sample) Correlation Between FLOPs and Scores (Per Sample)



INCITE 7B Param. (Data Scaling)

LLM360 Amber 7B Tokens (Param Scaling)

OLMo 7B Param. (Data Scaling)

— Pythia 12B Param. (Data Scaling)

— Pythia 300B Tokens (Param. Scaling)