MMLU Elementary Maths $p_{\theta}^{\mathsf{Vocab}}(\mathsf{Correct\ Choice})$ Correlation: spearman Correlation: pearson Correlation: kendall LLM360 Amber 7B Tokens (Param Scaling) — OLMo 7B Param. (Data Scaling) — Pythia 12B Param. (Data Scaling) — Pythia 300B Tokens (Param. Scaling) 0.751.00 -1.001.00 -1.00Correlation 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)