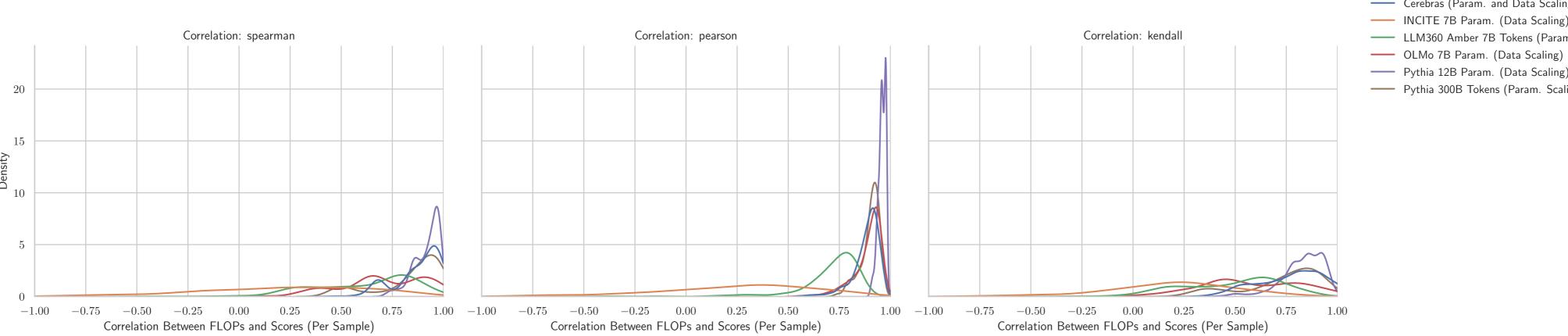
MMLU Philosophy  $\log p_{\theta}^{\mathsf{Vocab}}(\mathsf{Correct\ Choice})$ 



Model Family — Cerebras (Param. and Data Scaling)

— INCITE 7B Param. (Data Scaling)

— LLM360 Amber 7B Tokens (Param Scaling)

— Pythia 12B Param. (Data Scaling)

—— Pythia 300B Tokens (Param. Scaling)