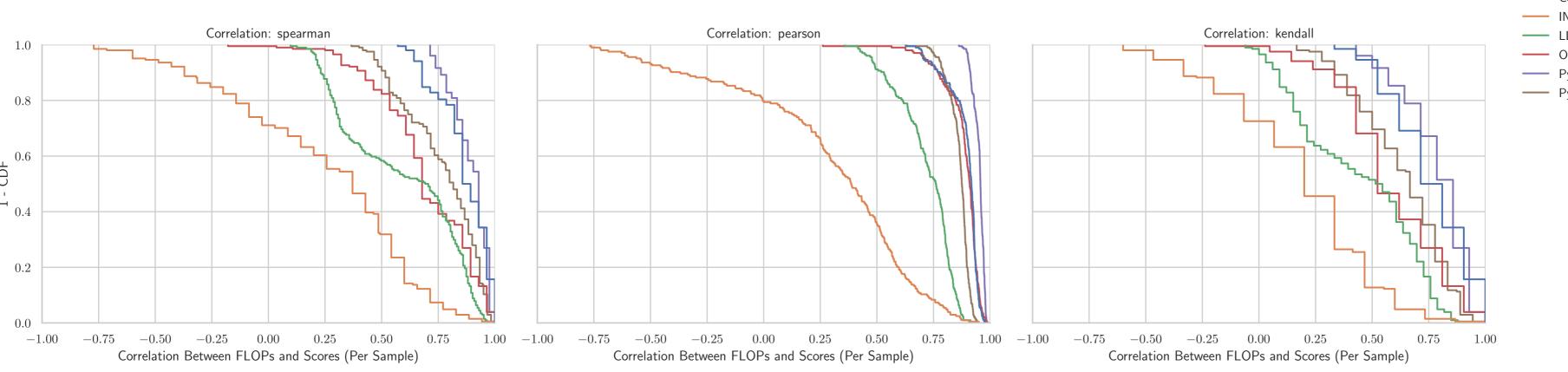
MMLU HS US History  $\log p_{\theta}^{\mathsf{Vocab}}(\mathsf{Correct\ Choice})$ 



Model Family
Param, and Data Sc

Cerebras (Param. and Data Scaling)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)