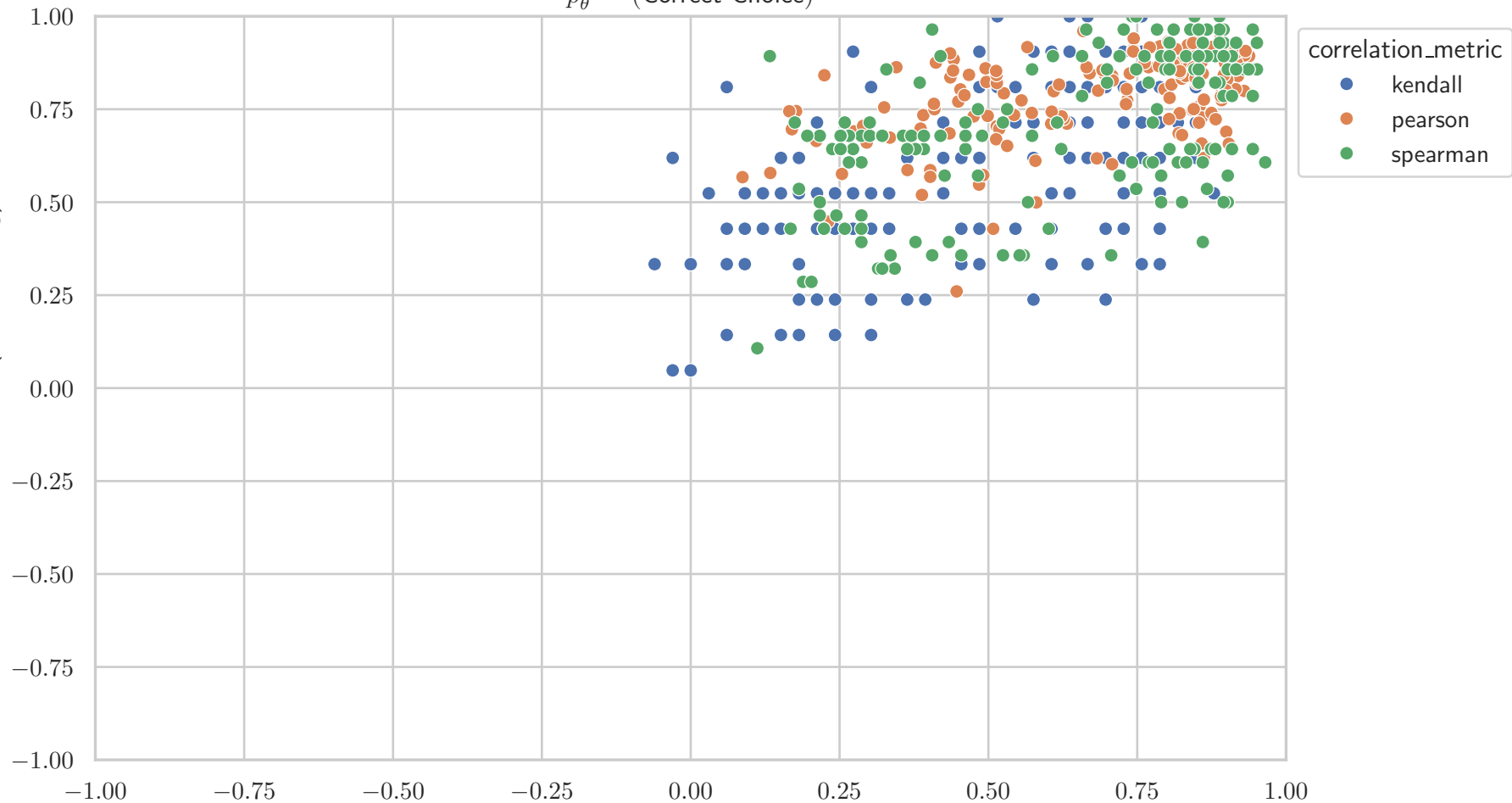


MMLU HS Euro History

$p_{\theta}^{\text{Vocab}}(\text{Correct Choice})$

Per-Sample Correlation(Compute, Score) for  
OLMo 7B Param. (Data Scaling)



Per-Sample Correlation(Compute, Score) for  
LLM360 Amber 7B Tokens (Param Scaling)