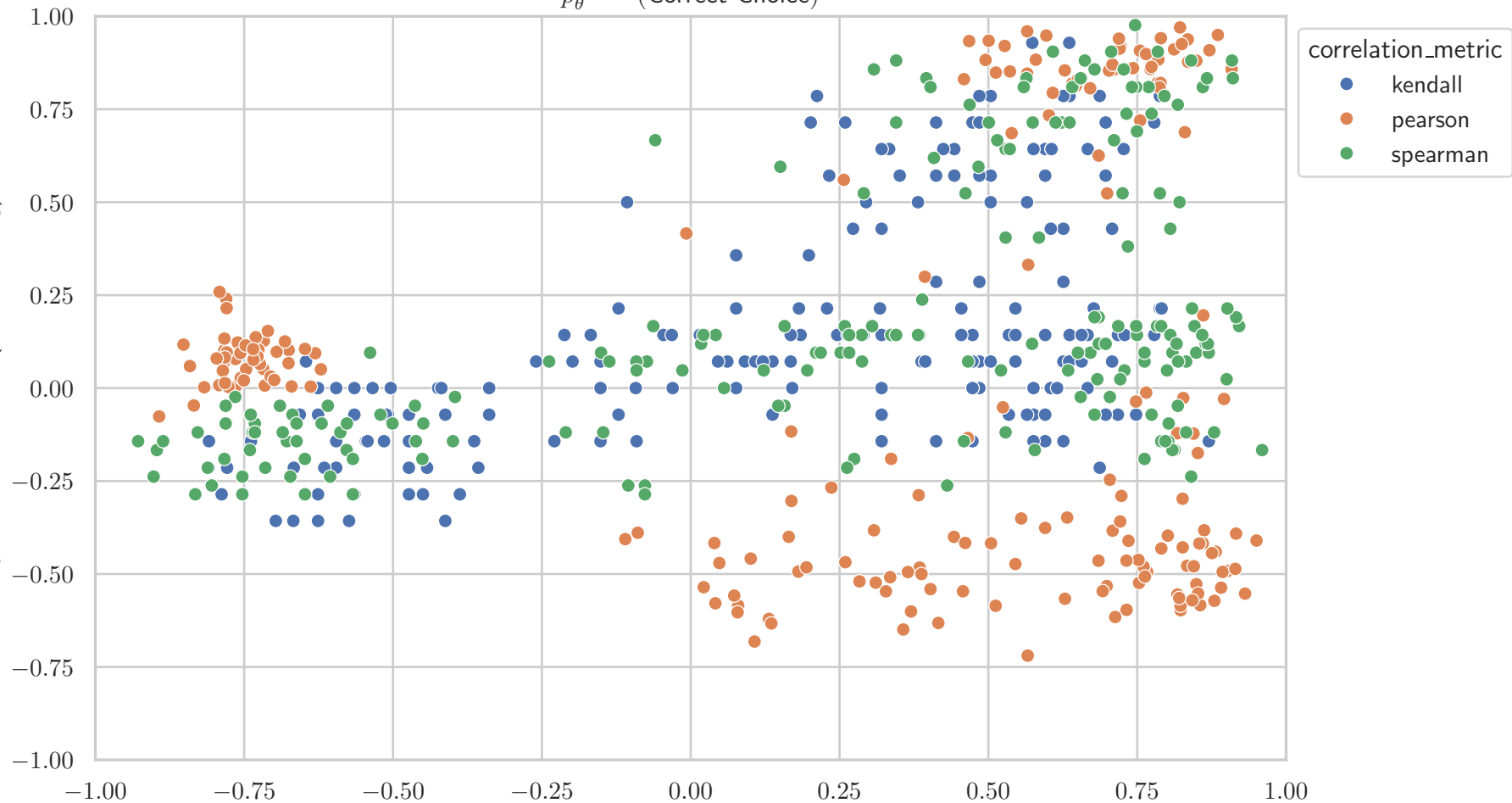


MMLU Sociology  
 $p_{\theta}^{\text{Choices}}(\text{Correct Choice})$

Per-Sample Correlation(Compute, Score) for  
Pythia 12B Param. (Data Scaling)



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