

# Calibrating LLMs with Bilingual Small Language Models (SLMs)

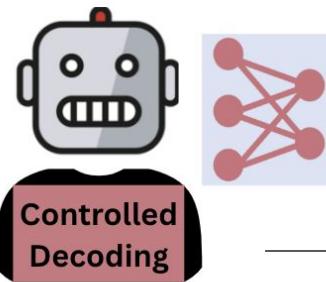


UNIVERSITY OF  
CAMBRIDGE

Centre for  
Human  
Inspired  
Artificial  
Intelligence

Early  
Career  
Community

Teacher Model

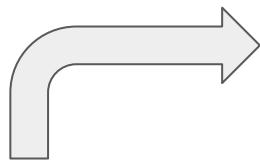


INTERACT  
&  
IMPROVE

CALIBRATE



$SLM_i$



BEGINNER

Skill

ADVANCED



Monolingual CEFR-Aligned SLMs

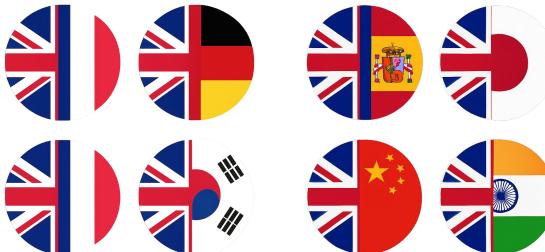


*pretrained-from-scratch*



*naturalistic volumes and domain*

Bilingual SLMs



*Neural Cognitive Proxies of Multilingual Developing Grammars*  
Simulating Successive/Simultaneous Bilingualism and Second  
Language Acquisition

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