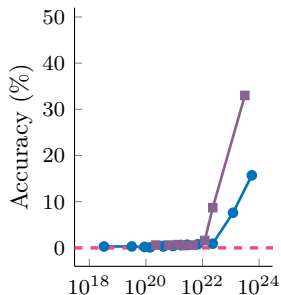
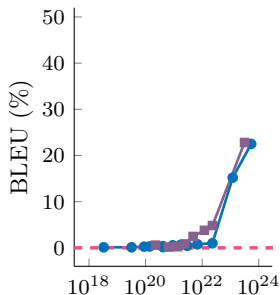


—●— LaMDA    —■— GPT-3    —◆— Gopher    —▲— Chinchilla    —◆— PaLM    - - - Random

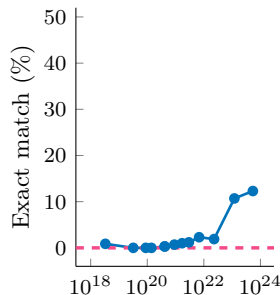
(A) Mod. arithmetic



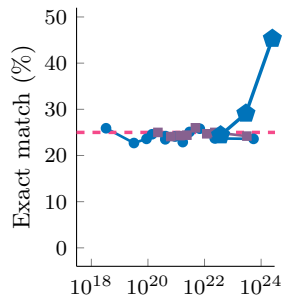
(B) IPA transliterate



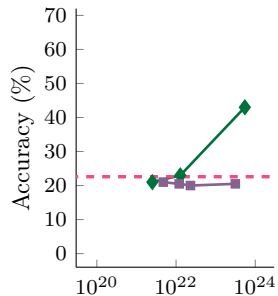
(C) Word unscramble



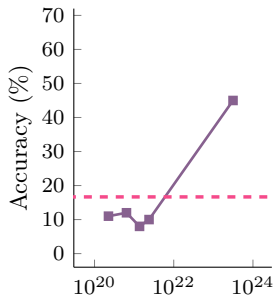
(D) Persian QA



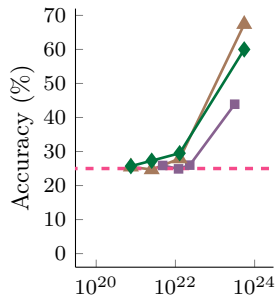
(E) TruthfulQA



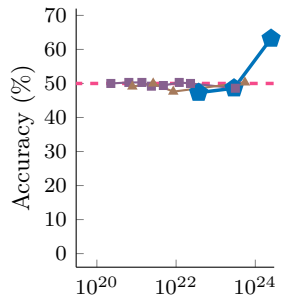
(F) Grounded mappings



(G) Multi-task NLU



(H) Word in context



Model scale (training FLOPs)