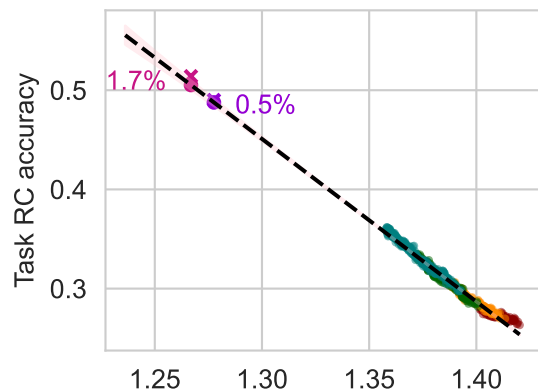
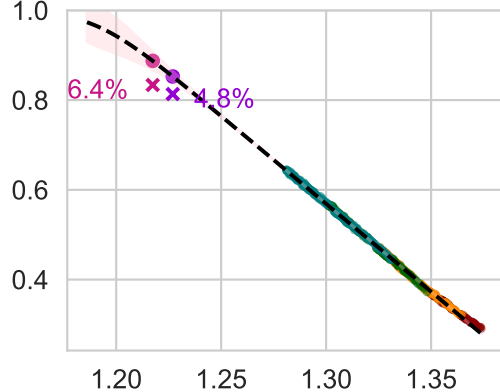


● 190M (fitted) ● 370M (fitted) ● 760M (fitted) ● 1.3B (fitted) ✕ 7B-4T (target) ● 7B-4T (predicted) ✕ 13B-5T (target) ● 13B-5T (predicted)

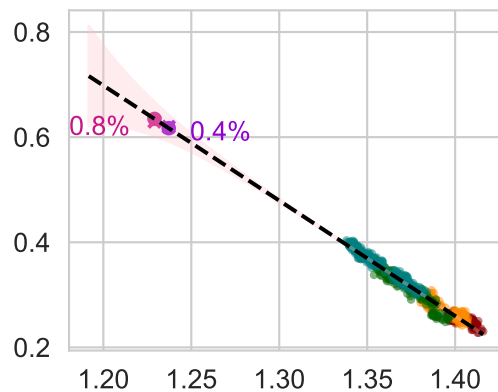
**MMLU (Fitting error: 0.90%)**



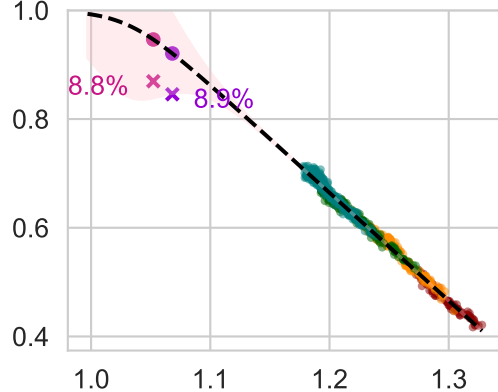
**HellaSwag (Fitting error: 0.58%)**



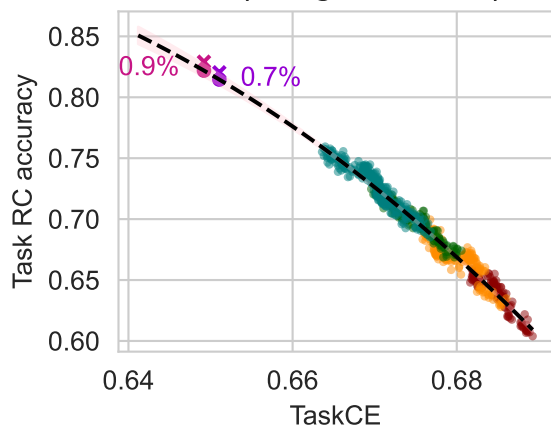
**ARC-Challenge (Fitting error: 2.16%)**



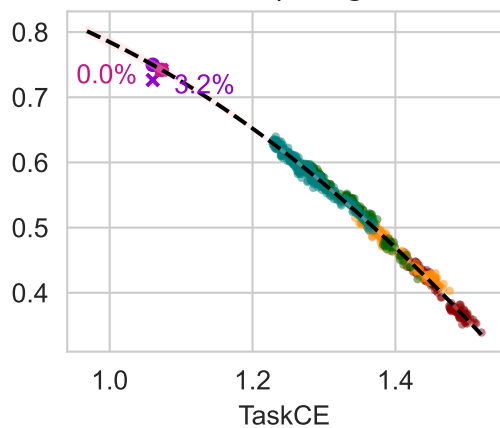
**ARC-Easy (Fitting error: 0.89%)**



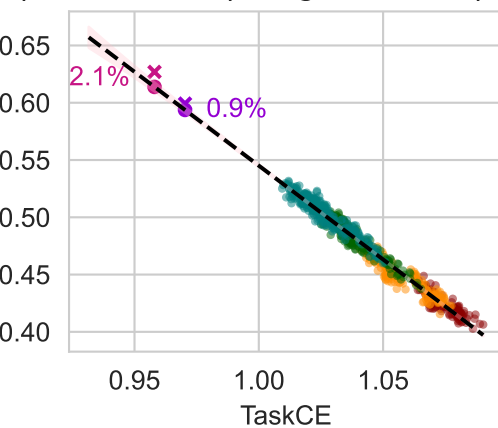
**PIQA (Fitting error: 0.70%)**



**CommonsenseQA (Fitting error: 1.10%)**



**Social IQa (Fitting error: 0.93%)**



**OpenBookQA (Fitting error: 2.69%)**

