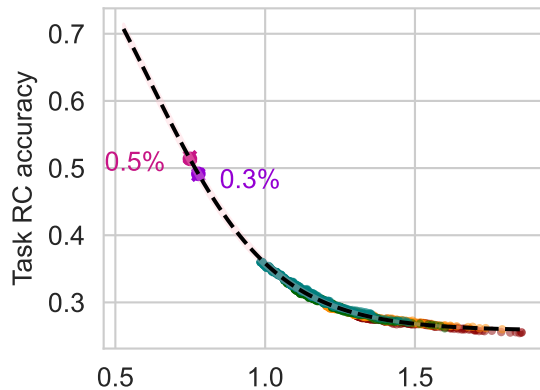
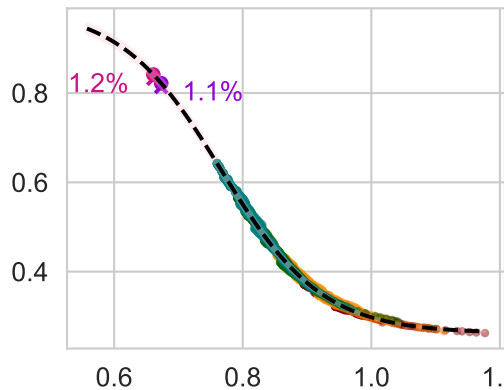


● 190M (fitted) ● 370M (fitted) ● 760M (fitted) ● 1.3B (fitted) ✕ 7B-4T (target) ● 7B-4T (predicted) ✕ 13B-5T (target) ● 13B-5T (predicted)

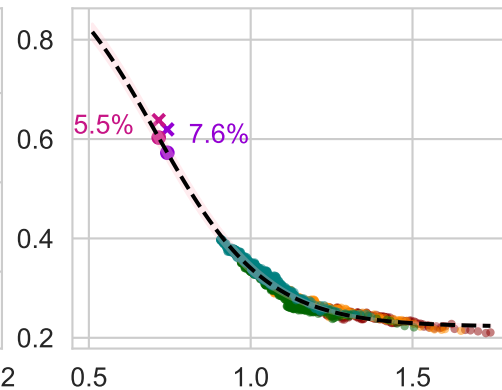
MMLU (Fitting error: 0.59%)



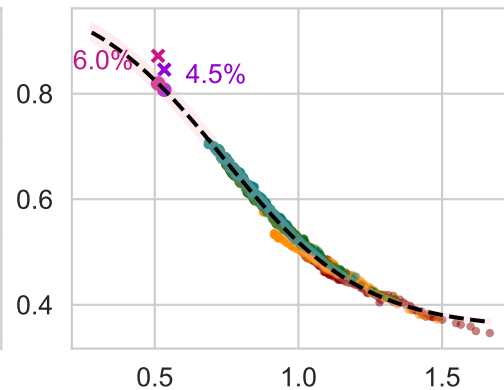
HellaSwag (Fitting error: 1.10%)



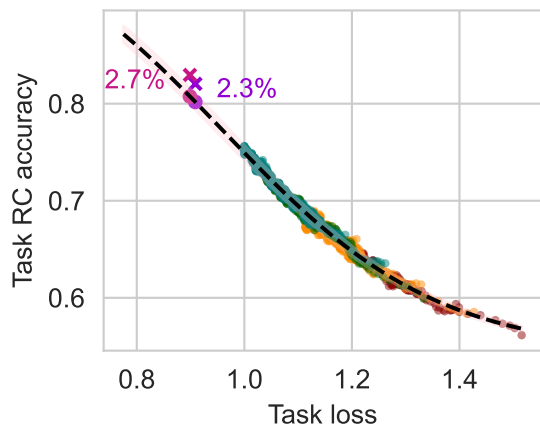
ARC-Challenge (Fitting error: 2.19%)



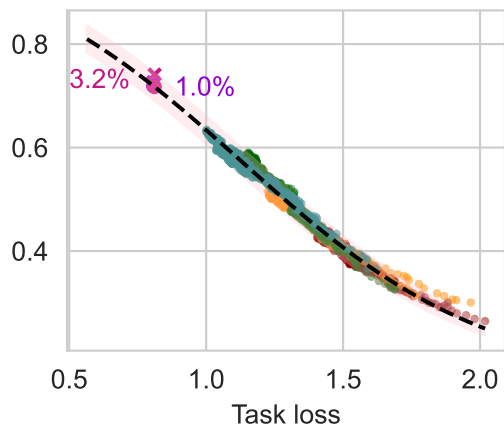
ARC-Easy (Fitting error: 1.10%)



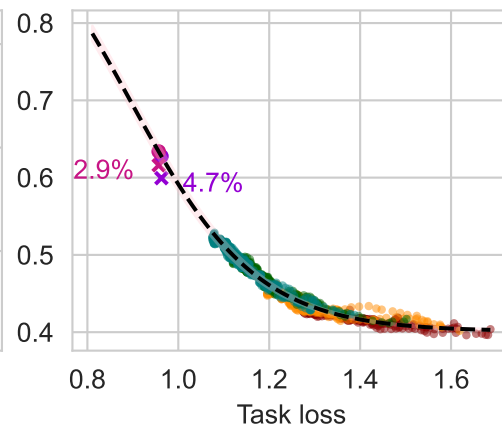
PIQA (Fitting error: 0.49%)



CommonsenseQA (Fitting error: 1.74%)



Social IQa (Fitting error: 0.87%)



OpenBookQA (Fitting error: 2.56%)

