Table 1: We fine-tune Llama2-7B/13B on the Winogrande dataset using supervised fine-tuning (SFT) and selectively supervised fine-tuning (SSFT). Here are the capabilities of models on four commonsense reasoning tasks (*e.g.*, Winogrande, CSQA, StrategyQA, and SocialIQA) before and after tuning.

		ID Task Winogrande		OOD Task							
				CSQA		StrategyQA		SocialIQA		Average	
Models	Tuned Params.	Acc.	Δ	Acc.	Δ	Acc.	Δ	Acc.	Δ	Acc.	Δ
Llama2-7B + SFT + SSFT	6.7B 0.2B	53.4 74.3 74.3	+20.9 +20.9	61.1 56.8 64.9	-4.3 +3.8	62.5 64.3 63.2	+1.8 +0.7	60.2 59.0 63.2	-1.2 +3.0	61.3 60.0 63.8	-1.3 +2.5
Llama2-13B + SFT + SSFT	13B 0.5B	55.5 77.3 75.6	+21.8 +20.1	68.3 64.6 71.7	-3.7 +3.4	66.0 69.9 68.6	+3.9 +2.6	67.9 63.1 69.2	-4.8 +1.3	63.9 65.9 69.8	+2.0 +5.9

Table 2: We fine-tune Llama2-7B/13B on the SocialIQA dataset using supervised fine-tuning (SFT) and selectively supervised fine-tuning (SSFT). Here are the capabilities of models on four commonsense reasoning tasks (*e.g.*, SocialIQA, CSQA, StrategyQA, and Winogrande) before and after tuning.

Models	Tuned Params.	ID Task SocialIQA		OOD Task							
				CSQA		StrategyQA		Winogrande		Average	
		Acc.	Δ	Acc.	Δ	Acc.	Δ	Acc.	Δ	Acc.	Δ
Llama2-7B	-	60.2	-	61.1	-	62.5	-	53.4	-	59.0	-
+ SFT	6.7B	74.5	+14.3	65.9	+4.8	63.0	+0.5	52.6	-0.8	60.5	+1.5
+ SSFT	0.2B	75.1	+14.9	66.4	+5.3	65.2	+2.7	55.8	+2.4	62.5	+3.5
Llama2-13B	-	67.9	-	68.3	-	66.0	-	55.5	-	63.3	-
+ SFT	13B	74.7	+6.8	67.2	-1.1	66.4	+0.4	53.5	-2.0	62.4	-0.9
+ SSFT	0.5B	75.1	+7.2	70.7	+2.4	69.9	+3.9	55.8	+0.3	65.5	+2.2