

Table 1: Collaborative Planning Evaluation. Metrics computed for the collaborative plans generated on our RGB-D dataset.

Model	% time saving					% conflicts
	Recipe	Setting	Cleaning	Loading	Overall	
<i>Human Expert Plans</i>	36.8	53.1	16.4	42.4	37.2	0
<i>Chance</i>	3.3	10.5	-33.1	23.7	1.1	3.7
<i>Mental-model MDP[33]</i>	-2.6	30.4	-5.1	32.3	13.8	6.4
<i>Our Model – ϵ-optimal human</i>	27.5	45.6	18.3	30.8	31.2	13.5
<i>Our Model – habit following human</i>	28.4	48.1	18.6	41.4	33.4	11.9
<i>Our Model – adaptive human</i>	32.8	48.5	22.9	41.9	36.5	13.7