TABLE V
RQ2 FULL RESULTS.

Dataset	Pipeline	Stage	CSR	FPR	APR
PAT	Full	Direct Generation		0.8077	0.8378
		Refine Round 1		0.8077	0.8784
		Refine Round 2	1.0000	0.8462	0.9324
		Refine Round 3		0.9231	0.9595
		Refine Round 4		1.0000	1.0000
		Refine Round 5		1.0000	1.0000
	w/o Planning	Direct Generation		0.5385	0.6892
		Refine Round 1		0.5769	0.6892
		Refine Round 2	0.7308	0.5769	0.7162
		Refine Round 3		0.5769	0.7162
		Refine Round 4		0.5769	0.7162
		Refine Round 5		0.5769	0.7162
UCS	Full	Direct Generation		0.8333	0.9474
		Refine Round 1		0.8333	0.9474
		Refine Round 2	1.0000	1.0000	1.0000
		Refine Round 3		1.0000	1.0000
		Refine Round 4		1.0000	1.0000
		Refine Round 5		1.0000	1.0000
	w/o Planning	Direct Generation		0.1667	0.4211
		Refine Round 1		0.5000	0.6316
		Refine Round 2	0.6667	0.5000	0.6316
		Refine Round 3		0.5000	0.6316
		Refine Round 4		0.5000	0.6316
		Refine Round 5		0.5000	0.6316
A4F	Full	Direct Generation		0.5000	0.6750
		Refine Round 1		0.6250	0.8250
		Refine Round 2	1.0000	0.8750	0.9750
		Refine Round 3		1.0000	1.0000
		Refine Round 4		1.0000	1.0000
		Refine Round 5		1.0000	1.0000
	w/o Planning	Direct Generation		0.5000	0.6250
		Refine Round 1		0.5000	0.7250
		Refine Round 2	0.8750	0.6250	0.8250
		Refine Round 3		0.6250	0.8750
		Refine Round 4		0.6250	0.8750
		Refine Round 5		0.7500	0.9000
Overall	Full	Direct Generation		0.7500	0.8045
		Refine Round 1		0.7750	0.8722
		Refine Round 2	1.0000	0.8750	0.9549
		Refine Round 3		0.9500	0.9774
		Refine Round 4		1.0000	1.0000
		Refine Round 5		1.0000	1.0000
	w/o Planning	Direct Generation		0.4750	0.6316
		Refine Round 1		0.5500	0.6917
		Refine Round 2	0.7500	0.5750	0.7368
		Refine Round 3		0.5750	0.7519
		Refine Round 4		0.5750	0.7519
		Refine Round 5		0.6000	0.7594