Table 12: Ablation 4: Adding Uncertainty Robustness Cont.

Dataset	Approach	Mean set score		
		Method 1	Method 2	Method 3
Wifi	Magix	94.32 ± 1.42	62.92 ± 2.10	61.80 ± 2.05
	SLS	94.15 ± 1.20	70.27 ± 2.25	68.10 ± 0.85
	Apriori	95.70 ± 0.96	65.37 ± 2.57	61.55 ± 2.27
	DT	**95.95 ± 0.70**	**72.97 ± 2.94**	**72.37 ± 1.88**
	Anchors	81.86 ± 1.54	56.64 ± 1.55	57.04 ± 1.85
Statlog	Magix	**97.43 ± 0.19**	85.36 ± 0.26	19.27 ± 0.30
	SLS	77.45 ± 0.37	81.61 ± 0.39	7.07 ± 0.22
	Apriori	78.61 ± 0.41	84.39 ± 0.36	15.69 ± 0.21
	DT	93.70 ± 0.13	**94.54 ± 0.21**	50.85 ± 0.57
	Anchors	81.88 ± 5.48	77.73 ± 6.30	**77.54 ± 3.09**
Abalone	Magix	**78.98 ± 1.30**	**35.95 ± 1.25**	13.83 ± 1.33
	SLS	9.47 ± 0.94	11.29 ± 1.19	5.67 ± 0.85
	Apriori	30.13 ± 2.35	28.06 ± 1.12	16.37 ± 1.67
	DT	13.22 ± 1.22	11.30 ± 1.12	9.07 ± 0.66
	Anchors	54.28 ± 18.95	32.85 ± 15.71	**31.43 ± 17.84**
Character	Magix	**40.84 ± 0.44**	30.02 ± 0.66	28.87 ± 0.64
	SLS	18.64 ± 0.53	14.59 ± 0.66	14.62 ± 0.43
	Apriori	24.25 ± 0.59	24.46 ± 0.45	23.82 ± 0.63
	DT	26.49 ± 0.41	**38.69 ± 0.59**	**61.72 ± 0.43**
	Anchors	7.50 ± 0.35	3.27 ± 0.26	2.72 ± 0.23
Car	Magix	**99.69 ± 0.16**	**98.60 ± 0.27**	**99.69 ± 0.14**
	SLS	90.29 ± 1.07	91.82 ± 0.84	90.11 ± 1.85
	Apriori	94.07 ± 1.48	94.13 ± 1.39	93.41 ± 1.18
	DT	77.11 ± 1.64	77.08 ± 2.28	76.85 ± 2.01
	Anchors	81.88 ± 5.48	77.73 ± 6.48	77.54 ± 3.09
Chess	Magix	**72.52 ± 0.36**	69.52 ± 0.39	47.79 ± 0.64
	SLS	45.96 ± 0.68	50.34 ± 0.55	37.21 ± 0.52
	Apriori	69.67 ± 0.62	**69.86 ± 0.62**	**57.38 ± 0.38**
	DT	60.11 ± 0.73	57.83 ± 0.57	54.86 ± 0.81
	Anchors	21.94 ± 4.48	10.51 ± 2.74	12.65 ± 2.15
Tic-Tac-Toe	Magix	**91.87 ± 2.73**	89.42 ± 1.94	**91.40 ± 2.17**
	SLS	89.42 ± 1.99	86.40 ± 2.81	82.13 ± 2.52
	Apriori	90.41 ± 1.16	**91.40 ± 2.35**	91.30 ± 1.66
	DT	73.38 ± 3.69	76.47 ± 3.30	78.85 ± 2.48
	Anchors	69.70 ± 4.43	61.72 ± 2.45	48.51 ± 3.30