

Problem	Domain	Adapt Depth MTMB				Fixed Depth MTMB				BP-GD	Langevin Dyn
		Ω 1	Ω 2	Ω 3	Ω 4	Ω 1	Ω 2	Ω 3	Ω 4		
Iris	Train	55.73	60.52	74.79	80.18	52.7	59.27	89.76	95.09	93.3	95.22
	(std)	4.89	3.72	4.96	4.39	4.95	5.04	3.16	1.38	0.89	0.48
	Test	85.25	88.67	89.42	93.08	88.75	90	91.08	94.42	83.5	91.67
	(std)	5.38	5.07	3.14	4.46	5.31	4.38	4.36	2.56	2.47	2.36
Wine	Train	98.26	99.81	99.83	99.95	98.09	99.86	100	100	98.45	100
	(std)	0.91	0.42	0.55	0.26	1.25	0.34	0	0	0.87	0
	Test	99.75	100	100	100	99.75	99.83	100	100	83.25	66.57
	(std)	0.75	0	0	0	0.75	0.62	0	0	9.9	3.49
Cancer	Train	86.32	90.03	93.59	93.84	86.03	89.56	94	94.56	94.07	99.14
	(std)	0.75	0.9	0.65	0.81	0.53	0.85	0.48	0.73	0.54	0.05
	Test	97.73	97.49	98.37	98.44	97.46	97.67	98.22	98.41	96.24	98.48
	(std)	0.47	0.87	0.27	0.39	0.55	0.91	0.27	0.41	0.57	0.19
Heart	Train	49.61	56.76	68.39	77.03	47.89	55.21	71.99	88.2	90.92	96.69
	(std)	3.72	4.36	2.11	2.45	4.21	5.15	2.96	2.69	1.44	0.49
	Test	74.78	75.67	72.56	79.11	75.22	76.22	73.41	77.56	70.63	77.08
	(std)	1.84	1.63	2.65	2.19	1.7	1.74	1.88	2.42	3.14	2.87
Credit	Train	19.79	42.53	82.34	84.35	18.94	40.62	83.24	87.44	89.64	96.41
	(std)	2.91	4.46	1.86	2.26	4.15	5.18	1.97	1.39	1.07	0.34
	Test	56.97	61.82	82.22	82.64	55.23	62.4	82.71	82.06	78.79	80.3
	(std)	3.32	2.96	1.73	1.43	4.59	2.76	1.67	1.48	1.56	0.87
Balloon	Train	7.14	15	34.76	44.29	8.57	12.14	45.24	99.52	100	100
	(std)	10.1	9.82	12.61	6.23	10.5	11.97	10.49	1.78	0	0
	Test	50	50	58.33	81.67	50	50	62.78	100	91.11	100
	(std)	0	0	14.75	21.24	0	0	15.33	0	14.74	0
Tic-Tac	Train	33.05	42.18	61.81	71.14	36.07	40.06	62.1	79.65	97.4	100
	(std)	9.04	6.68	3.83	2.85	9.33	7.18	4.52	3.54	0.24	0
	Test	0	8.29	12.08	24.97	0	8.39	13.22	38.96	61.24	72.66
	(std)	0	3.4	2.33	6.65	0	3.39	3.38	12.18	6.9	1.7
Ionosph.	Train	85.03	91.07	94.39	94.8	80.98	88.98	93.58	95.97	94.88	98.78
	(std)	1.92	1.54	1.55	2.58	2.32	2.01	1.53	0.86	1.32	0
	Test	89.54	92.48	94.19	93.94	90	92.26	94.4	94.74	84.62	91.6
	(std)	4.42	2.12	1.43	2.07	4.7	1.47	2.34	1.72	1.99	1.87
Zoo	Train	100	100	100	100	100	100	100	100	99.81	98.57
	(std)	0	0	0	0	0	0	0	0	0.6	0.19
	Test	100	100	100	100	100	100	100	100	98.44	78.1
	(std)	0	0	0	0	0	0	0	0	3.93	0.29
Lenses	Train	83.12	75.42	83.96	61.67	79.17	77.92	94.17	95.21	99.81	100
	(std)	15.15	17.6	21.51	24.72	14.99	15.46	9.12	5.97	0.6	0
	Test	100	100	100	100	100	100	100	100	98.44	87.5
	(std)	0	0	0	0	0	0	0	0	3.93	0
Balance	Train	94.09	95.62	95.98	93.35	93.94	95.36	96.11	94.65	92.29	88.43
	(std)	0	0.72	0.63	1.05	0.57	0.97	0.53	1.6	7.85	3.38
	Test	100	100	99.98	100	100	100	100	100	88.33	80.67
	(std)	0	0	0.1	0	0	0	0	0	8.5	0.29