Domain	Adapt Depth MTMB				Fixed Depth MTMB				BP-GD	Langevin
	Ω1	Ω2	Ω3	Ω4	Ω1	Ω2	Ω3	Ω4	İ	Dyn
Train		60.52	74.79	80.18	-		89.76	95.09	93.3	95.22
(std) Test		3.72	4.96	4.39			3.16			0.48
										91.67
										2.36
										100
										0
										66.57
										3.49
										99.14
										0.05
										98.48
										0.19
										96.69
` '										0.49
									-	77.08
										2.87
					-			-		96.41
` '								-		0.34
										80.3
									-	0.87
			34.76					99.52		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
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
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
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
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
Train	94.09				93.94	95.36		94.65	-	88.43
	0				0.57				—	3.38
										80.67
2000	100	100	77.70	0	0	0	0	100	8.5	0.29
	Train (std) Test (std) Train (std)	Ω 1 Train 55.73 (std) 4.89 Test 85.25 (std) 5.38 Train 98.26 (std) 0.91 Test 99.75 (std) 0.75 Train 86.32 (std) 0.47 Train 49.61 (std) 3.72 Test 74.78 (std) 1.84 Train 19.79 (std) 2.91 Test 56.97 (std) 3.32 Train 7.14 (std) 0 Train 33.05 (std) 0 Train 33.05 (std) 0 Train 85.03 (std) 0 Train 100 (std) 0 Train 100 (std) 0 Train 83.12 (std) <td>Ω1 Ω2 Train 55.73 60.52 (std) 4.89 3.72 Test 85.25 88.67 (std) 5.38 5.07 Train 98.26 99.81 (std) 0.91 0.42 Test 99.75 100 (std) 0.75 0 Train 86.32 90.03 (std) 0.75 0.9 Test 97.73 97.49 (std) 0.47 0.87 Train 49.61 56.76 (std) 3.72 4.36 Test 74.78 75.67 (std) 1.84 1.63 Train 19.79 42.53 (std) 2.91 4.46 Test 56.97 61.82 (std) 3.32 2.96 Train 7.14 15 (std) 0 0 Train 33.05 42.18</td> <td>Ω1 Ω2 Ω3 Train 55.73 60.52 74.79 (std) 4.89 3.72 4.96 Test 85.25 88.67 89.42 (std) 5.38 5.07 3.14 Train 98.26 99.81 99.83 (std) 0.91 0.42 0.55 Test 99.75 100 100 (std) 0.75 0 0 Train 86.32 90.03 93.59 (std) 0.75 0.9 0.65 Test 97.73 97.49 98.37 (std) 0.47 0.87 0.27 Train 49.61 56.76 68.39 (std) 3.72 4.36 2.11 Test 74.78 75.67 72.56 (std) 1.84 1.63 2.65 Train 19.79 42.53 82.34 (std) 2.91 4.46 1.86</td> <td>Ω 1 Ω 2 Ω 3 Ω 4 Train 55.73 60.52 74.79 80.18 (std) 4.89 3.72 4.96 4.39 Test 85.25 88.67 89.42 93.08 (std) 5.38 5.07 3.14 4.46 Train 98.26 99.81 99.83 99.95 (std) 0.91 0.42 0.55 0.26 Test 99.75 100 100 100 (std) 0.75 0 0 0 Train 86.32 90.03 93.59 93.84 (std) 0.75 0.9 0.65 0.81 Test 97.73 97.49 98.37 98.44 (std) 0.47 0.87 0.27 0.39 Train 49.61 56.76 68.39 77.03 (std) 3.72 4.36 2.11 2.45 Test 74.78 75.67 72.56 <th< td=""><td>Ω1 Ω2 Ω3 Ω4 Ω1 Train 55.73 60.52 74.79 80.18 52.7 (std) 4.89 3.72 4.96 4.39 4.95 Test 85.25 88.67 89.42 93.08 88.75 (std) 5.38 5.07 3.14 4.46 5.31 Train 98.26 99.81 99.83 99.95 98.09 (std) 0.91 0.42 0.55 0.26 1.25 Test 99.75 100 100 100 99.75 (std) 0.75 0 0 0 0.75 Train 86.32 90.03 93.59 93.84 86.03 (std) 0.75 0.9 0.65 0.81 0.53 Test 97.73 97.49 98.37 98.44 97.46 (std) 0.47 0.87 0.27 0.39 0.55 Train 49.61 56.76</td><td>Ω 1 Ω 2 Ω 3 Ω 4 Ω 1 Ω 2 Train 55.73 60.52 74.79 80.18 52.7 59.27 (std) 4.89 3.72 4.96 4.39 4.95 5.04 Test 85.25 88.67 89.42 93.08 88.75 90 (std) 5.38 5.07 3.14 4.46 5.31 4.38 Train 98.26 99.81 99.83 99.95 98.09 99.86 (std) 0.91 0.42 0.55 0.26 1.25 0.34 Test 99.75 100 100 100 99.75 99.83 (std) 0.75 0 0 0 0.75 0.62 Train 86.32 90.03 93.59 93.84 86.03 89.56 (std) 0.75 0.9 0.65 0.81 0.53 0.85 Test 97.73 97.49 98.37 98.44 97.46</td><td>CO 1 CO 2 CO 3 CO 4 CO 1 CO 2 R9.76 (std) 4.89 3.72 4.96 4.39 4.95 5.04 3.16 Test 85.25 88.67 89.42 93.08 88.75 90 91.08 (std) 5.38 5.07 3.14 4.46 5.31 4.36 4.36 Train 98.26 99.81 99.83 99.95 98.09 99.86 100 (std) 0.91 0.42 0.55 0.26 1.25 0.34 0 Test 99.75 100 100 100 99.75 99.83 100 (std) 0.75 0 0 0.75 0.62 0 Train 86.32 90.03 93.59 93.84 86.03 89.56 94 (std) 0.75 0.9 0.65 0.81 0.53 0.85 0.48 Test 77.73 97.49 98.37 98.44</td><td> Ω1</td><td> Π</td></th<></td>	Ω1 Ω2 Train 55.73 60.52 (std) 4.89 3.72 Test 85.25 88.67 (std) 5.38 5.07 Train 98.26 99.81 (std) 0.91 0.42 Test 99.75 100 (std) 0.75 0 Train 86.32 90.03 (std) 0.75 0.9 Test 97.73 97.49 (std) 0.47 0.87 Train 49.61 56.76 (std) 3.72 4.36 Test 74.78 75.67 (std) 1.84 1.63 Train 19.79 42.53 (std) 2.91 4.46 Test 56.97 61.82 (std) 3.32 2.96 Train 7.14 15 (std) 0 0 Train 33.05 42.18	Ω1 Ω2 Ω3 Train 55.73 60.52 74.79 (std) 4.89 3.72 4.96 Test 85.25 88.67 89.42 (std) 5.38 5.07 3.14 Train 98.26 99.81 99.83 (std) 0.91 0.42 0.55 Test 99.75 100 100 (std) 0.75 0 0 Train 86.32 90.03 93.59 (std) 0.75 0.9 0.65 Test 97.73 97.49 98.37 (std) 0.47 0.87 0.27 Train 49.61 56.76 68.39 (std) 3.72 4.36 2.11 Test 74.78 75.67 72.56 (std) 1.84 1.63 2.65 Train 19.79 42.53 82.34 (std) 2.91 4.46 1.86	Ω 1 Ω 2 Ω 3 Ω 4 Train 55.73 60.52 74.79 80.18 (std) 4.89 3.72 4.96 4.39 Test 85.25 88.67 89.42 93.08 (std) 5.38 5.07 3.14 4.46 Train 98.26 99.81 99.83 99.95 (std) 0.91 0.42 0.55 0.26 Test 99.75 100 100 100 (std) 0.75 0 0 0 Train 86.32 90.03 93.59 93.84 (std) 0.75 0.9 0.65 0.81 Test 97.73 97.49 98.37 98.44 (std) 0.47 0.87 0.27 0.39 Train 49.61 56.76 68.39 77.03 (std) 3.72 4.36 2.11 2.45 Test 74.78 75.67 72.56 <th< td=""><td>Ω1 Ω2 Ω3 Ω4 Ω1 Train 55.73 60.52 74.79 80.18 52.7 (std) 4.89 3.72 4.96 4.39 4.95 Test 85.25 88.67 89.42 93.08 88.75 (std) 5.38 5.07 3.14 4.46 5.31 Train 98.26 99.81 99.83 99.95 98.09 (std) 0.91 0.42 0.55 0.26 1.25 Test 99.75 100 100 100 99.75 (std) 0.75 0 0 0 0.75 Train 86.32 90.03 93.59 93.84 86.03 (std) 0.75 0.9 0.65 0.81 0.53 Test 97.73 97.49 98.37 98.44 97.46 (std) 0.47 0.87 0.27 0.39 0.55 Train 49.61 56.76</td><td>Ω 1 Ω 2 Ω 3 Ω 4 Ω 1 Ω 2 Train 55.73 60.52 74.79 80.18 52.7 59.27 (std) 4.89 3.72 4.96 4.39 4.95 5.04 Test 85.25 88.67 89.42 93.08 88.75 90 (std) 5.38 5.07 3.14 4.46 5.31 4.38 Train 98.26 99.81 99.83 99.95 98.09 99.86 (std) 0.91 0.42 0.55 0.26 1.25 0.34 Test 99.75 100 100 100 99.75 99.83 (std) 0.75 0 0 0 0.75 0.62 Train 86.32 90.03 93.59 93.84 86.03 89.56 (std) 0.75 0.9 0.65 0.81 0.53 0.85 Test 97.73 97.49 98.37 98.44 97.46</td><td>CO 1 CO 2 CO 3 CO 4 CO 1 CO 2 R9.76 (std) 4.89 3.72 4.96 4.39 4.95 5.04 3.16 Test 85.25 88.67 89.42 93.08 88.75 90 91.08 (std) 5.38 5.07 3.14 4.46 5.31 4.36 4.36 Train 98.26 99.81 99.83 99.95 98.09 99.86 100 (std) 0.91 0.42 0.55 0.26 1.25 0.34 0 Test 99.75 100 100 100 99.75 99.83 100 (std) 0.75 0 0 0.75 0.62 0 Train 86.32 90.03 93.59 93.84 86.03 89.56 94 (std) 0.75 0.9 0.65 0.81 0.53 0.85 0.48 Test 77.73 97.49 98.37 98.44</td><td> Ω1</td><td> Π</td></th<>	Ω1 Ω2 Ω3 Ω4 Ω1 Train 55.73 60.52 74.79 80.18 52.7 (std) 4.89 3.72 4.96 4.39 4.95 Test 85.25 88.67 89.42 93.08 88.75 (std) 5.38 5.07 3.14 4.46 5.31 Train 98.26 99.81 99.83 99.95 98.09 (std) 0.91 0.42 0.55 0.26 1.25 Test 99.75 100 100 100 99.75 (std) 0.75 0 0 0 0.75 Train 86.32 90.03 93.59 93.84 86.03 (std) 0.75 0.9 0.65 0.81 0.53 Test 97.73 97.49 98.37 98.44 97.46 (std) 0.47 0.87 0.27 0.39 0.55 Train 49.61 56.76	Ω 1 Ω 2 Ω 3 Ω 4 Ω 1 Ω 2 Train 55.73 60.52 74.79 80.18 52.7 59.27 (std) 4.89 3.72 4.96 4.39 4.95 5.04 Test 85.25 88.67 89.42 93.08 88.75 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