







Table 1 — Continued from previous page

Instance	Vars	Cls	mode 0	mode 1	mode 1 learning	mode 1 parallel learning	mode 2 (B,T)													
							(6.4)	(6.6)	(6.8)	(6.10)	(6.4)	(8.6)	(8.8)	(8.10)	(10.4)	(10.6)	(10.8)	(10.10)		
jmb213	100	800	0.13	0.05			90	1.56	0.91	0.79	1.83	1.39	0.90	1.70	6.35	1.36	3.61	14.67		
	95	708	3.63	2.65	5.05	4.19	5.51	3.46	11.40	3.57	2.45	5.90	23.04							
	100	24.36	20.01	13.64	9.93	17.65	12.62	8.32	13.85	13.72	7.23	7.99	27.86							
	105	24.37	20.01	13.64	9.93	17.67	12.27	8.13	13.85	13.98	7.38	7.92	27.86							
	75	0.28	0.29	0.77	2.88	0.53	0.58	1.82	7.24	1.08	3.92	15.79								
jmb217	100	800	0.46	0.20			80	0.31	0.27	0.60	2.18	0.39	0.42	1.24	4.92	0.83	0.91	2.93	11.86	
	85	0.75	0.49	0.91	3.17	0.80	0.80	2.44	9.76	1.71	1.83	5.98	24.23							
	85	1.70	1.10	0.92	2.24	1.48	0.93	1.70	6.23	1.52	1.27	3.46	13.94							
	90	12.39	6.10	4.15	10.16	8.10	5.02	5.43	14.24	6.68	4.97	8.26	29.34							
	95	38.73	22.91	16.26	23.23	31.42	16.27	13.96	36.06	26.14	15.38	18.47	55.18							
jmb218	100	800	0.31	0.12			100	174.32	94.95	75.42	69.75	106.49	69.30	52.81	86.97	97.46	60.71	53.64	117.08	
	105	174.32	94.95	75.42	69.75	106.49	69.30	52.81	86.97	97.46	60.71	53.64	117.08							
	75	0.63	0.64	1.44	5.17	1.53	1.68	5.03	19.94	4.87	5.36	17.72	71.79							
	80	0.60	0.53	0.70	3.38	0.65	1.76	7.06	1.76	1.76	1.88	6.11	24.84							
	85	1.03	0.50	0.75	2.60	0.65	0.49	1.15	4.35	0.73	0.75	2.29	9.33							
jmb220	100	800	8.68	4.04			90	1.90	1.30	1.06	3.16	1.48	1.07	2.43	9.70	1.51	1.39	4.07	16.49	
	95	2.68	2.32	1.82	3.30	2.42	1.67	2.27	8.49	2.95	2.52	6.89	27.77							
	100	8.43	3.85	3.60	3.43	3.25	3.28	7.81	4.20	3.58	7.21	27.28								
	105	8.43	3.85	3.83	3.25	3.37	3.22	3.50	7.81	4.17	3.58	7.27	27.28							
	75	8.18	5.19	9.02	31.64	7.34	7.11	21.15	84.18	16.53	18.00	58.92	238.06							
jmb301	100	900	2.55	0.90			80	7.29	5.19	5.59	17.29	6.59	4.94	11.64	45.19	9.25	9.30	28.83	116.56	
	85	9.12	5.79	4.94	8.60	5.46	4.36	5.34	18.64	6.64	5.48	13.47	53.81							
	90	8.04	4.72	4.28	6.63	5.07	3.74	4.40	12.85	4.37	4.43	6.15	23.05							
	95	18.45	11.30	7.18	11.48	12.64	7.40	7.28	13.87	8.86	6.33	8.19	26.38							
	100	47.46	26.73	17.13	17.80	34.72	15.80	13.09	23.70	16.84	13.19	14.88	44.27							
jmb16	100	850	53.14	21.39	5.97	5.06	75	58.64	55.71	144.54	550.19	110.06	119.11	368.69	1468.08	236.15	259.80	853.69	L	
	80	43.25	32.96	69.20	288.43	59.61	69.29	288.43	59.61	69.29	288.43	59.61	69.29	288.43	59.61	69.29	288.43	59.61	69.29	288.43
	85	36.68	21.91	33.06	111.19	30.31	25.21	61.18	237.87	50.98	52.09	162.26	655.84							
	90	41.30	22.36	22.79	67.86	30.52	19.49	40.30	152.49	30.92	27.60	75.60	302.16							
	95	59.73	42.07	26.82	39.38	40.70	23.05	26.12	33.41	22.15	51.30	200.27								
RTL_E3_n100_m429_140	100	429	11.08	8.01	2.79	2.26	75	38.57	19.95	13.82	15.01	21.76	14.77	13.13	24.34	19.99	13.86	16.43	46.75	
	80	27.48	37.31	94.09	347.99	69.73	76.56	232.02	913.56	171.27	189.02	624.04	L							
	85	14.36	14.11	35.64	136.39	28.58	31.43	97.03	388.29	74.58	83.07	272.03	1103.54							
	90	8.27	5.16	9.66	36.61	9.04	8.87	26.29	105.48	21.82	24.13	77.66	315.15							
	95	6.65	3.55	2.84	8.07	4.14	2.49	5.26	20.50	5.27	4.74	13.50	54.78							
RTL_E3_n100_m429_169	100	429	10.14	7.41	1.34	1.03	100	13.33	6.39	4.16	7.07	6.82	4.68	3.89	11.72	7.10	4.46	8.05	30.52	
	75	30.07	31.89	80.26	295.70	61.32	67.14	203.32	800.25	161.23	178.11	586.42	L							
	80	27.48	27.93	71.43	268.96	56.29	61.32	189.94	754.21	133.13	147.51	483.78	L							
	85	16.29	14.56	34.44	129.72	29.66	31.83	97.31	388.60	77.17	85.41	279.40	1132.35							
	90	11.57	7.89	12.24	41.78	11.55	10.64	29.24	116.83	25.98	28.01	89.92	364.67							
RTL_E3_n100_m429_483	100	429	10.65	7.66	4.11	3.38	100	9.92	5.90	5.10	6.34	7.53	5.49	4.88	11.20	7.34	5.44	7.83	27.92	
	75	38.40	41.57	107.49	398.05	91.99	101.22	314.80	1247.31	266.55	294.89	983.87	L							
	80	34.32	37.35	99.42	374.88	83.71	92.67	290.08	1155.66	244.49	271.80	902.19	L							
	85	19.77	21.02	55.97	212.73	45.67	50.69	157.78	629.86	135.81	151.52	499.37	L							
	90	10.43	7.81	18.85	71.89	15.15	15.86	48.55	194.01	38.51	42.95	139.43	565.37							
RTL_E3_n100_m429_70	100	429	20.05	14.85	4.19	3.45	105	7.34	3.34	2.50	5.50	5.71	2.98	3.68	10.47	5.65	3.90	6.54	23.88	
	75	51.98	55.77	140.27	519.27	117.10	128.67	392.87	1554.11	312.66	345.58	1140.56	L							
	80	40.16	38.45	94.81	354.67	78.47	86.03	262.40	1041.62	212.04	235.42	770.68	L							
	85	27.19	20.75	27.26	133.85	34.68	33.42	93.54	371.49	75.10	82.26	266.49	1079.32							
	95	23.45	11.60	13.14	40.89	15.37	11.94	25.89	100.35	22.98	22.62	68.77	278.19							

Table 2: Results ('G', 'L' stand for timeout expiration, 'A' for abort, '-' for not executed)

Instance	Vars	Cls	mode 0	mode 1	mode 1 learning	mode 1 parallel learning
urquhart3_25bis.shuffled	99	264	L	L	L	L
5cnf_3500_3500_30f1.shuffled	30	420	0.28	0.18	0.24	0.18
5cnf_3900_3900_060.shuffled	60	936	846.11	253.53	L	L
7cnf20_90000_90000_7.shuffled	20	1532	0.56	0.11	0.19	0.15
marg3x3add8ch.shuffled-as.sat03-1448	41	272	1751.00	L	1099.41	1083.90
marg3x3add8.shuffled-as.sat03-1449	41	224	1242.68	L	5.07	4.35
php-010-008.shuffled-as.sat05-1171	80	370	93.60	134.59	335.26	330.05
Q3inK10	45	75600	0.39	0.01	0.01	0.01
289-sat-4x8	128	896	0.01	0.00	0.00	0.00
battleship-5-8-unsat	40	105	2.26	9.57	8.30	7.49
battleship-6-9-unsat	54	171	69.38	190.43	230.41	225.95
battleship-7-13-sat	91	322	-	0.86	0.13	0.11
battleship-8-15-sat	120	484	5.60	5.98	0.93	0.84
unif-k5-r21.3-v50-c1065-S1007919187-045	50	1065	225.15	58.91	377.04	365.73
unif-k5-r21.3-v50-c1065-S1054153452-040	50	1065	258.06	67.88	492.61	479.95
unif-k5-r21.3-v50-c1065-S1139883571-082	50	1065	264.30	70.00	497.30	484.72
unif-k5-r21.3-v50-c1065-S1449708927-022	50	1065	220.92	58.08	341.07	330.75
unif-k5-r21.3-v50-c1065-S1491756361-004	50	1065	257.16	68.07	457.37	445.61
unif-k5-r21.3-v50-c1065-S1990278523-047	50	1065	168.19	44.57	243.81	235.18
unif-k5-r21.3-v50-c1065-S370067727-038	50	1065	213.95	55.95	308.48	298.44
unif-k5-r21.3-v50-c1065-S433637520-048	50	1065	224.51	59.35	378.74	367.73
unif-k5-r21.3-v50-c1065-S505037856-056	50	1065	282.79	74.64	550.43	537.13
unif-k5-r21.3-v50-c1065-S827703138-064	50	1065	222.64	58.68	359.48	348.25
unif-k5-r21.3-v75-c1597-S241605246-015.SATISFIABLE	75	1597	L	L	L	L
unif-k7-r89-v50-c4450-S1788358104-029.SATISFIABLE	50	4450	L	1509.77	L	L
sgen1-unsat-61-100	61	132	440.49	1314.03	L	L
instance_n2_i2_pp_ci_ce	27	53	-	-	0.00	0.00
instance_n2_i3_pp_ci_ce	39	80	-	-	0.00	0.00
BMS_k3_n100_m429_107	100	269	32.92	35.61	-	-
BMS_k3_n100_m429_108	100	287	51.16	51.62	-	-
BMS_k3_n100_m429_109	100	281	346.26	354.29	-	-
BMS_k3_n100_m429_110	100	293	38.10	38.28	-	-
BMS_k3_n100_m429_111	100	291	165.31	165.31	-	-
BMS_k3_n100_m429_115	100	297	33.10	31.95	-	-
BMS_k3_n100_m429_116	100	289	234.77	243.66	-	-
BMS_k3_n100_m429_118	100	303	154.98	153.56	-	-
BMS_k3_n100_m429_120	100	286	49.66	49.28	-	-
BMS_k3_n100_m429_127	100	290	187.96	192.05	-	-
BMS_k3_n100_m429_129	100	309	239.60	223.76	-	-
BMS_k3_n100_m429_130	100	272	223.53	236.03	-	-
BMS_k3_n100_m429_134	100	288	22.56	22.79	-	-
BMS_k3_n100_m429_135	100	296	241.37	234.51	-	-
BMS_k3_n100_m429_136	100	272	339.17	355.50	-	-
BMS_k3_n100_m429_13	100	302	20.05	19.83	3.24	2.65
BMS_k3_n100_m429_140	100	304	114.95	109.84	-	-
BMS_k3_n100_m429_141	100	298	28.38	27.63	-	-
BMS_k3_n100_m429_142	100	286	32.89	33.49	-	-
BMS_k3_n100_m429_143	100	288	28.99	30.37	-	-
BMS_k3_n100_m429_144	100	287	26.86	26.90	-	-
BMS_k3_n100_m429_146	100	309	116.21	108.65	-	-
BMS_k3_n100_m429_149	100	276	136.27	144.93	-	-
BMS_k3_n100_m429_154	100	282	24.03	24.32	-	-
BMS_k3_n100_m429_155	100	295	29.25	29.04	-	-
BMS_k3_n100_m429_161	100	283	150.29	156.30	-	-
BMS_k3_n100_m429_162	100	292	117.16	116.53	-	-
BMS_k3_n100_m429_163	100	288	149.39	149.45	-	-
BMS_k3_n100_m429_165	100	294	29.23	28.67	-	-
BMS_k3_n100_m429_166	100	290	38.10	38.14	-	-
BMS_k3_n100_m429_168	100	290	214.31	216.73	-	-
BMS_k3_n100_m429_171	100	299	41.36	40.58	-	-
BMS_k3_n100_m429_173	100	299	33.09	32.03	-	-
BMS_k3_n100_m429_175	100	296	26.65	26.29	-	-
BMS_k3_n100_m429_177	100	292	113.70	109.61	-	-
BMS_k3_n100_m429_181	100	279	222.32	234.55	-	-
BMS_k3_n100_m429_183	100	281	46.54	47.65	-	-
BMS_k3_n100_m429_185	100	290	35.85	35.91	-	-
BMS_k3_n100_m429_186	100	292	363.83	366.76	-	-
BMS_k3_n100_m429_187	100	286	50.18	50.64	-	-
BMS_k3_n100_m429_189	100	297	211.49	208.15	-	-
BMS_k3_n100_m429_191	100	284	21.91	22.40	-	-
BMS_k3_n100_m429_194	100	297	366.40	356.13	-	-
BMS_k3_n100_m429_195	100	301	331.75	321.47	-	-
BMS_k3_n100_m429_196	100	289	44.49	45.18	-	-
BMS_k3_n100_m429_198	100	283	23.42	23.46	-	-
BMS_k3_n100_m429_201	100	284	40.92	42.04	-	-
BMS_k3_n100_m429_202	100	290	28.66	28.01	-	-
BMS_k3_n100_m429_203	100	300	49.88	47.31	-	-
BMS_k3_n100_m429_204	100	290	50.96	51.48	-	-
BMS_k3_n100_m429_205	100	270	107.92	116.36	-	-
BMS_k3_n100_m429_211	100	289	25.00	24.08	-	-
BMS_k3_n100_m429_214	100	288	107.68	109.24	-	-
BMS_k3_n100_m429_217	100	274	107.64	119.93	-	-
BMS_k3_n100_m429_218	100	307	242.46	225.64	-	-
BMS_k3_n100_m429_221	100	292	47.05	47.02	-	-
BMS_k3_n100_m429_227	100	293	170.04	166.00	-	-
BMS_k3_n100_m429_228	100	299	335.33	320.74	-	-
BMS_k3_n100_m429_230	100	295	151.39	145.02	-	-
BMS_k3_n100_m429_232	100	283	106.44	108.30	-	-
BMS_k3_n100_m429_233	100	295	294.47	296.32	-	-
BMS_k3_n100_m429_234	100	294	140.00	141.24	-	-
BMS_k3_n100_m429_236	100	302	41.34	39.23	-	-
BMS_k3_n100_m429_239	100	297	108.07	106.13	-	-
BMS_k3_n100_m429_242	100	290	35.26	35.33	-	-
BMS_k3_n100_m429_243	100	301	20.80	19.90	-	-
BMS_k3_n100_m429_244	100	290	42.12	41.82	-	-
BMS_k3_n100_m429_245	100	307	175.84	167.40	-	-
BMS_k3_n100_m429_246	100	292	33.27	31.61	-	-
BMS_k3_n100_m429_248	100	278	119.30	122.60	-	-
BMS_k3_n100_m429_250	100	281	21.77	22.70	-	-
BMS_k3_n100_m429_251	100	285	449.00	459.64	-	-
BMS_k3_n100_m429_253	100	291	28.25	28.32	-	-
BMS_k3_n100_m429_254	100	287	27.88	28.61	-	-
BMS_k3_n100_m429_255	100	301	43.70	43.32	-	-
BMS_k3_n100_m429_256	100	284	33.76	34.05	-	-
BMS_k3_n100_m429_257	100	288	112.05	115.00	-	-
BMS_k3_n100_m429_265	100	304	339.69	319.38	-	-
BMS_k3_n100_m429_266	100	293	215.09	217.13	-	-
BMS_k3_n100_m429_268	100	307	170.55	164.05	-	-
BMS_k3_n100_m429_269	100	291	37.02	37.38	-	-
BMS_k3_n100_m429_271	100	292	115.49	116.47	-	-
BMS_k3_n100_m429_272	100	285	23.42	23.94	-	-
BMS_k3_n100_m429_273	100	297	285.55	280.30	-	-
BMS_k3_n100_m429_275	100	298	112.15	113.29	-	-
BMS_k3_n100_m429_276	100	302	348.10	335.65	-	-

Continued on next page

Table 2 – Continued from previous page

Instance	Vars	Cls	mode 0	mode 1	mode 1 learning	mode 1 parallel learning
BMS_k3_n100_m429_27	100	302	136.33	132.78	–	–
BMS_k3_n100_m429_281	100	298	39.60	37.61	–	–
BMS_k3_n100_m429_282	100	280	197.67	205.26	–	–
BMS_k3_n100_m429_285	100	294	36.28	36.48	–	–
BMS_k3_n100_m429_287	100	298	22.87	21.87	–	–
BMS_k3_n100_m429_28	100	302	134.17	129.50	–	–
BMS_k3_n100_m429_290	100	281	46.64	48.84	–	–
BMS_k3_n100_m429_294	100	291	33.94	105.12	–	–
BMS_k3_n100_m429_298	100	318	228.71	211.30	–	–
BMS_k3_n100_m429_304	100	298	20.65	20.31	–	–
BMS_k3_n100_m429_307	100	295	261.70	259.90	–	–
BMS_k3_n100_m429_310	100	292	116.14	117.28	–	–
BMS_k3_n100_m429_311	100	280	33.83	36.14	–	–
BMS_k3_n100_m429_315	100	277	139.09	152.50	–	–
BMS_k3_n100_m429_320	100	290	187.54	193.75	–	–
BMS_k3_n100_m429_321	100	294	299.66	305.25	–	–
BMS_k3_n100_m429_323	100	289	191.39	193.72	–	–
BMS_k3_n100_m429_324	100	285	36.62	37.14	–	–
BMS_k3_n100_m429_325	100	303	248.52	241.67	–	–
BMS_k3_n100_m429_326	100	292	119.09	121.61	–	–
BMS_k3_n100_m429_332	100	286	468.37	459.09	–	–
BMS_k3_n100_m429_333	100	283	30.85	30.67	–	–
BMS_k3_n100_m429_335	100	292	403.70	411.96	–	–
BMS_k3_n100_m429_336	100	302	44.04	41.84	–	–
BMS_k3_n100_m429_337	100	276	45.47	48.00	–	–
BMS_k3_n100_m429_338	100	287	119.75	119.88	–	–
BMS_k3_n100_m429_339	100	277	393.72	417.27	–	–
BMS_k3_n100_m429_340	100	254	49.09	55.25	–	–
BMS_k3_n100_m429_342	100	280	380.80	404.43	–	–
BMS_k3_n100_m429_343	100	308	38.33	35.43	–	–
BMS_k3_n100_m429_345	100	293	101.37	99.29	–	–
BMS_k3_n100_m429_346	100	278	39.91	41.65	–	–
BMS_k3_n100_m429_348	100	306	176.54	167.89	–	–
BMS_k3_n100_m429_34	100	292	208.41	205.03	–	–
BMS_k3_n100_m429_360	100	275	271.69	283.71	–	–
BMS_k3_n100_m429_351	100	303	158.92	154.04	–	–
BMS_k3_n100_m429_356	100	303	22.50	21.82	–	–
BMS_k3_n100_m429_358	100	297	101.06	97.67	–	–
BMS_k3_n100_m429_360	100	289	26.41	25.54	–	–
BMS_k3_n100_m429_362	100	280	51.88	52.96	–	–
BMS_k3_n100_m429_364	100	295	241.41	236.72	–	–
BMS_k3_n100_m429_365	100	286	169.55	167.32	–	–
BMS_k3_n100_m429_369	100	292	232.06	231.89	–	–
BMS_k3_n100_m429_36	100	289	126.75	128.37	–	–
BMS_k3_n100_m429_375	100	289	30.69	30.61	–	–
BMS_k3_n100_m429_376	100	294	25.88	25.44	–	–
BMS_k3_n100_m429_377	100	295	169.74	168.38	–	–
BMS_k3_n100_m429_37	100	303	10.70	10.39	1.13	0.87
BMS_k3_n100_m429_380	100	298	26.73	25.75	–	–
BMS_k3_n100_m429_382	100	296	371.23	373.65	–	–
BMS_k3_n100_m429_384	100	294	39.74	38.18	–	–
BMS_k3_n100_m429_385	100	293	161.69	165.92	–	–
BMS_k3_n100_m429_392	100	296	34.86	34.45	–	–
BMS_k3_n100_m429_393	100	286	40.32	40.44	–	–
BMS_k3_n100_m429_394	100	277	145.85	151.39	–	–
BMS_k3_n100_m429_396	100	265	49.29	53.84	–	–
BMS_k3_n100_m429_397	100	285	42.93	43.01	–	–
BMS_k3_n100_m429_3	100	279	203.36	208.75	–	–
BMS_k3_n100_m429_400	100	273	21.92	23.19	–	–
BMS_k3_n100_m429_402	100	290	252.21	259.04	–	–
BMS_k3_n100_m429_405	100	307	107.27	101.25	–	–
BMS_k3_n100_m429_406	100	296	20.28	19.63	–	–
BMS_k3_n100_m429_410	100	279	246.11	257.95	–	–
BMS_k3_n100_m429_412	100	299	32.77	31.77	–	–
BMS_k3_n100_m429_417	100	302	23.74	22.94	–	–
BMS_k3_n100_m429_418	100	279	28.53	29.04	–	–
BMS_k3_n100_m429_41	100	305	171.19	164.34	–	–
BMS_k3_n100_m429_421	100	283	50.45	52.08	–	–
BMS_k3_n100_m429_422	100	286	25.60	25.45	–	–
BMS_k3_n100_m429_423	100	278	197.62	210.09	–	–
BMS_k3_n100_m429_424	100	292	112.78	115.22	–	–
BMS_k3_n100_m429_425	100	287	107.97	110.19	–	–
BMS_k3_n100_m429_428	100	284	36.59	36.32	–	–
BMS_k3_n100_m429_429	100	268	137.80	156.27	–	–
BMS_k3_n100_m429_433	100	303	49.96	48.15	–	–
BMS_k3_n100_m429_439	100	295	166.76	160.70	–	–
BMS_k3_n100_m429_440	100	295	109.36	108.07	–	–
BMS_k3_n100_m429_441	100	291	102.44	102.28	–	–
BMS_k3_n100_m429_446	100	291	651.17	663.72	–	–
BMS_k3_n100_m429_449	100	284	30.64	29.86	–	–
BMS_k3_n100_m429_450	100	290	158.43	159.58	–	–
BMS_k3_n100_m429_453	100	298	39.56	39.28	–	–
BMS_k3_n100_m429_455	100	285	24.97	25.04	–	–
BMS_k3_n100_m429_456	100	300	131.81	128.49	–	–
BMS_k3_n100_m429_457	100	278	231.41	243.12	–	–
BMS_k3_n100_m429_45	100	278	166.84	176.38	–	–
BMS_k3_n100_m429_460	100	296	36.43	36.67	–	–
BMS_k3_n100_m429_462	100	285	34.46	34.88	–	–
BMS_k3_n100_m429_470	100	290	11.10	10.80	2.16	1.69
BMS_k3_n100_m429_471	100	288	20.27	20.40	–	–
BMS_k3_n100_m429_473	100	290	125.54	126.13	–	–
BMS_k3_n100_m429_474	100	281	46.85	47.36	–	–
BMS_k3_n100_m429_476	100	285	125.29	130.81	–	–
BMS_k3_n100_m429_477	100	296	416.91	413.87	–	–
BMS_k3_n100_m429_483	100	291	138.96	137.23	–	–
BMS_k3_n100_m429_485	100	290	33.11	32.62	–	–
BMS_k3_n100_m429_488	100	296	37.80	36.07	–	–
BMS_k3_n100_m429_490	100	298	394.44	384.79	–	–
BMS_k3_n100_m429_491	100	291	198.77	198.53	–	–
BMS_k3_n100_m429_492	100	301	101.96	98.62	–	–
BMS_k3_n100_m429_495	100	288	43.84	45.24	–	–
BMS_k3_n100_m429_497	100	277	187.00	199.70	–	–
BMS_k3_n100_m429_499	100	278	217.52	224.11	–	–
BMS_k3_n100_m429_49	100	299	122.28	119.28	–	–
BMS_k3_n100_m429_52	100	294	119.97	120.56	–	–
BMS_k3_n100_m429_53	100	297	43.29	41.81	–	–
BMS_k3_n100_m429_58	100	290	10.01	10.17	1.93	1.52
BMS_k3_n100_m429_59	100	300	255.88	247.54	–	–
BMS_k3_n100_m429_60	100	273	944.76	1010.30	–	–
BMS_k3_n100_m429_62	100	293	40.15	40.64	–	–
BMS_k3_n100_m429_63	100	285	266.81	266.53	–	–
BMS_k3_n100_m429_66	100	284	139.31	147.81	–	–
BMS_k3_n100_m429_67	100	288	322.48	335.82	–	–
BMS_k3_n100_m429_6	100	288	190.23	195.17	–	–
BMS_k3_n100_m429_70	100	288	170.50	171.85	–	–

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Table 2 – Continued from previous page

Instance	Vars	Cls	mode 0	mode 1	mode 1 learning	mode 1 parallel learning
BMS_k3_n100_m429_71	100	282	43.84	44.93	–	–
BMS_k3_n100_m429_73	100	290	231.48	234.44	–	–
BMS_k3_n100_m429_74	100	282	46.47	47.70	–	–
BMS_k3_n100_m429_75	100	294	40.03	39.21	–	–
BMS_k3_n100_m429_76	100	279	149.16	155.92	–	–
BMS_k3_n100_m429_79	100	298	24.80	24.21	–	–
BMS_k3_n100_m429_80	100	288	124.05	122.94	–	–
BMS_k3_n100_m429_84	100	298	408.65	397.50	–	–
BMS_k3_n100_m429_85	100	276	33.82	35.24	–	–
BMS_k3_n100_m429_87	100	281	36.87	37.75	–	–
BMS_k3_n100_m429_91	100	277	21.03	21.38	–	–
BMS_k3_n100_m429_94	100	283	27.30	27.78	–	–
BMS_k3_n100_m429_95	100	292	117.12	114.70	–	–
BMS_k3_n100_m429_97	100	295	27.45	26.64	–	–
BMS_k3_n100_m429_98	100	294	50.19	49.56	–	–
BMS_k3_n100_m429_99	100	276	150.81	159.80	–	–
jnh201	100	800	0.00	0.00	–	–
jnh204	100	800	11.75	4.84	–	–
jnh205	100	800	3.52	1.44	–	–
jnh207	100	800	2.18	0.88	–	–
jnh209	100	800	3.37	1.37	–	–
jnh210	100	800	0.02	0.01	–	–
jnh212	100	800	1.23	0.53	–	–
jnh213	100	800	0.13	0.05	–	–
jnh217	100	800	0.46	0.20	–	–
jnh218	100	800	0.31	0.12	–	–
jnh220	100	800	8.68	4.04	–	–
jnh301	100	900	2.55	0.90	–	–
jnh16	100	850	53.14	21.39	5.97	5.06
RTI_k3_n100_m429_101	100	429	1.78	1.36	–	–
RTI_k3_n100_m429_108	100	429	10.45	8.07	–	–
RTI_k3_n100_m429_109	100	429	24.40	17.95	–	–
RTI_k3_n100_m429_111	100	429	3.86	2.87	–	–
RTI_k3_n100_m429_112	100	429	2.11	1.56	–	–
RTI_k3_n100_m429_114	100	429	3.18	2.32	–	–
RTI_k3_n100_m429_117	100	429	1.81	1.30	–	–
RTI_k3_n100_m429_118	100	429	2.79	2.11	–	–
RTI_k3_n100_m429_126	100	429	9.29	6.80	–	–
RTI_k3_n100_m429_127	100	429	13.49	10.25	–	–
RTI_k3_n100_m429_128	100	429	21.08	15.33	–	–
RTI_k3_n100_m429_12	100	429	34.13	26.62	–	–
RTI_k3_n100_m429_130	100	429	3.94	2.95	–	–
RTI_k3_n100_m429_133	100	429	7.15	5.23	–	–
RTI_k3_n100_m429_134	100	429	1.94	1.40	–	–
RTI_k3_n100_m429_135	100	429	9.53	7.14	–	–
RTI_k3_n100_m429_136	100	429	38.39	27.94	–	–
RTI_k3_n100_m429_138	100	429	21.71	16.27	–	–
RTI_k3_n100_m429_140	100	429	11.08	8.01	2.79	2.26
RTI_k3_n100_m429_143	100	429	3.56	2.75	–	–
RTI_k3_n100_m429_146	100	429	2.03	1.51	–	–
RTI_k3_n100_m429_147	100	429	1.59	1.24	–	–
RTI_k3_n100_m429_14	100	429	17.13	12.39	–	–
RTI_k3_n100_m429_162	100	429	2.75	2.09	–	–
RTI_k3_n100_m429_163	100	429	1.54	1.13	–	–
RTI_k3_n100_m429_167	100	429	2.26	1.67	–	–
RTI_k3_n100_m429_163	100	429	26.57	19.57	–	–
RTI_k3_n100_m429_166	100	429	1.14	0.82	–	–
RTI_k3_n100_m429_169	100	429	10.14	7.41	1.34	1.03
RTI_k3_n100_m429_16	100	429	16.50	12.25	–	–
RTI_k3_n100_m429_175	100	429	4.32	3.27	–	–
RTI_k3_n100_m429_176	100	429	12.51	9.77	–	–
RTI_k3_n100_m429_178	100	429	16.27	12.04	–	–
RTI_k3_n100_m429_180	100	429	2.13	1.67	–	–
RTI_k3_n100_m429_181	100	429	1.76	1.23	–	–
RTI_k3_n100_m429_183	100	429	23.54	18.73	–	–
RTI_k3_n100_m429_184	100	429	3.31	2.36	–	–
RTI_k3_n100_m429_187	100	429	11.66	8.51	–	–
RTI_k3_n100_m429_188	100	429	1.12	0.88	–	–
RTI_k3_n100_m429_190	100	429	1.96	1.46	–	–
RTI_k3_n100_m429_193	100	429	1.22	0.88	–	–
RTI_k3_n100_m429_196	100	429	9.14	6.87	–	–
RTI_k3_n100_m429_198	100	429	4.69	3.43	–	–
RTI_k3_n100_m429_19	100	429	3.84	2.84	–	–
RTI_k3_n100_m429_206	100	429	3.37	2.61	–	–
RTI_k3_n100_m429_207	100	429	5.08	3.76	–	–
RTI_k3_n100_m429_209	100	429	1.06	0.79	–	–
RTI_k3_n100_m429_215	100	429	3.03	2.20	–	–
RTI_k3_n100_m429_216	100	429	12.68	9.55	–	–
RTI_k3_n100_m429_220	100	429	1.96	1.46	–	–
RTI_k3_n100_m429_225	100	429	35.95	26.16	–	–
RTI_k3_n100_m429_226	100	429	16.31	12.36	–	–
RTI_k3_n100_m429_227	100	429	26.63	10.86	–	–
RTI_k3_n100_m429_230	100	429	3.74	2.77	–	–
RTI_k3_n100_m429_232	100	429	7.17	5.28	–	–
RTI_k3_n100_m429_234	100	429	16.97	12.51	–	–
RTI_k3_n100_m429_236	100	429	14.76	10.92	–	–
RTI_k3_n100_m429_239	100	429	7.29	5.28	–	–
RTI_k3_n100_m429_241	100	429	1.19	0.90	–	–
RTI_k3_n100_m429_244	100	429	1.39	1.03	–	–
RTI_k3_n100_m429_253	100	429	5.32	3.87	–	–
RTI_k3_n100_m429_256	100	429	12.63	9.52	–	–
RTI_k3_n100_m429_257	100	429	15.22	6.47	–	–
RTI_k3_n100_m429_259	100	429	4.67	0.21	–	–
RTI_k3_n100_m429_25	100	429	7.67	5.74	–	–
RTI_k3_n100_m429_261	100	429	33.47	25.28	–	–
RTI_k3_n100_m429_262	100	429	2.06	1.57	–	–
RTI_k3_n100_m429_266	100	429	17.09	12.64	–	–
RTI_k3_n100_m429_268	100	429	38.32	28.54	–	–
RTI_k3_n100_m429_272	100	429	4.86	3.51	–	–
RTI_k3_n100_m429_275	100	429	35.31	25.68	–	–
RTI_k3_n100_m429_276	100	429	26.72	20.26	–	–
RTI_k3_n100_m429_279	100	429	12.50	9.32	–	–
RTI_k3_n100_m429_283	100	429	1.46	1.13	–	–
RTI_k3_n100_m429_284	100	429	15.55	11.59	–	–
RTI_k3_n100_m429_285	100	429	4.26	3.22	–	–
RTI_k3_n100_m429_28	100	429	3.99	3.02	–	–
RTI_k3_n100_m429_294	100	429	3.22	2.43	–	–
RTI_k3_n100_m429_295	100	429	4.75	3.50	–	–
RTI_k3_n100_m429_296	100	429	2.29	1.71	–	–
RTI_k3_n100_m429_298	100	429	35.47	26.01	–	–
RTI_k3_n100_m429_299	100	429	7.46	5.42	–	–
RTI_k3_n100_m429_2	100	429	11.19	8.16	–	–
RTI_k3_n100_m429_300	100	429	31.84	24.38	–	–
RTI_k3_n100_m429_302	100	429	1.38	1.00	–	–
RTI_k3_n100_m429_307	100	429	30.62	22.78	–	–

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Table 2 – Continued from previous page

Instance	Vars	Cls	mode 0	mode 1	mode 1 learning	mode 1 parallel learning
RTI_k3_n100_m429_310	100	429	2.57	1.93	–	–
RTI_k3_n100_m429_312	100	429	6.04	4.56	–	–
RTI_k3_n100_m429_314	100	429	6.93	5.13	–	–
RTI_k3_n100_m429_315	100	429	14.17	10.93	–	–
RTI_k3_n100_m429_318	100	429	2.15	1.55	–	–
RTI_k3_n100_m429_323	100	429	20.64	15.45	–	–
RTI_k3_n100_m429_325	100	429	4.55	3.47	–	–
RTI_k3_n100_m429_326	100	429	5.63	4.08	–	–
RTI_k3_n100_m429_329	100	429	3.71	2.68	–	–
RTI_k3_n100_m429_330	100	429	2.05	1.62	–	–
RTI_k3_n100_m429_331	100	429	10.36	7.69	–	–
RTI_k3_n100_m429_335	100	429	35.20	26.16	–	–
RTI_k3_n100_m429_336	100	429	7.08	5.14	–	–
RTI_k3_n100_m429_338	100	429	33.00	24.39	–	–
RTI_k3_n100_m429_339	100	429	50.08	37.13	–	–
RTI_k3_n100_m429_347	100	429	22.49	16.76	–	–
RTI_k3_n100_m429_348	100	429	6.58	4.77	–	–
RTI_k3_n100_m429_34	100	429	5.67	4.32	–	–
RTI_k3_n100_m429_351	100	429	28.07	21.16	–	–
RTI_k3_n100_m429_353	100	429	3.85	2.77	–	–
RTI_k3_n100_m429_354	100	429	3.95	2.81	–	–
RTI_k3_n100_m429_358	100	429	13.60	9.99	–	–
RTI_k3_n100_m429_35	100	429	26.25	19.30	–	–
RTI_k3_n100_m429_360	100	429	3.74	2.73	–	–
RTI_k3_n100_m429_365	100	429	21.60	16.05	–	–
RTI_k3_n100_m429_366	100	429	1.70	1.25	–	–
RTI_k3_n100_m429_369	100	429	23.44	17.37	–	–
RTI_k3_n100_m429_36	100	429	18.70	13.76	–	–
RTI_k3_n100_m429_370	100	429	5.51	4.06	–	–
RTI_k3_n100_m429_372	100	429	31.75	25.03	–	–
RTI_k3_n100_m429_373	100	429	9.54	6.93	–	–
RTI_k3_n100_m429_377	100	429	24.47	17.84	–	–
RTI_k3_n100_m429_381	100	429	11.69	8.62	–	–
RTI_k3_n100_m429_382	100	429	9.92	7.09	–	–
RTI_k3_n100_m429_384	100	429	4.48	3.31	–	–
RTI_k3_n100_m429_386	100	429	2.31	1.70	–	–
RTI_k3_n100_m429_389	100	429	7.48	5.69	–	–
RTI_k3_n100_m429_38	100	429	5.18	3.81	–	–
RTI_k3_n100_m429_390	100	429	5.00	3.71	–	–
RTI_k3_n100_m429_394	100	429	16.87	12.77	–	–
RTI_k3_n100_m429_395	100	429	3.51	2.55	–	–
RTI_k3_n100_m429_399	100	429	30.98	23.49	–	–
RTI_k3_n100_m429_401	100	429	30.93	22.84	–	–
RTI_k3_n100_m429_402	100	429	3.75	2.76	–	–
RTI_k3_n100_m429_405	100	429	17.58	13.34	–	–
RTI_k3_n100_m429_408	100	429	2.97	2.20	–	–
RTI_k3_n100_m429_40	100	429	1.35	0.94	–	–
RTI_k3_n100_m429_410	100	429	41.98	31.09	–	–
RTI_k3_n100_m429_412	100	429	5.68	4.22	–	–
RTI_k3_n100_m429_417	100	429	3.36	2.46	–	–
RTI_k3_n100_m429_418	100	429	7.59	5.71	–	–
RTI_k3_n100_m429_420	100	429	1.49	1.12	–	–
RTI_k3_n100_m429_425	100	429	14.85	11.15	–	–
RTI_k3_n100_m429_42	100	429	1.40	1.02	–	–
RTI_k3_n100_m429_431	100	429	2.55	1.91	–	–
RTI_k3_n100_m429_435	100	429	3.67	2.67	–	–
RTI_k3_n100_m429_437	100	429	2.65	2.07	–	–
RTI_k3_n100_m429_439	100	429	28.47	20.81	–	–
RTI_k3_n100_m429_441	100	429	3.68	2.79	–	–
RTI_k3_n100_m429_446	100	429	42.00	31.56	–	–
RTI_k3_n100_m429_44	100	429	70.47	53.57	–	–
RTI_k3_n100_m429_450	100	429	41.97	31.76	–	–
RTI_k3_n100_m429_452	100	429	1.49	1.17	–	–
RTI_k3_n100_m429_456	100	429	21.93	16.12	–	–
RTI_k3_n100_m429_457	100	429	22.47	16.56	–	–
RTI_k3_n100_m429_467	100	429	1.65	1.21	–	–
RTI_k3_n100_m429_468	100	429	11.33	8.47	–	–
RTI_k3_n100_m429_470	100	429	5.01	3.69	–	–
RTI_k3_n100_m429_472	100	429	24.87	18.84	–	–
RTI_k3_n100_m429_474	100	429	4.73	3.50	–	–
RTI_k3_n100_m429_475	100	429	1.93	1.34	–	–
RTI_k3_n100_m429_477	100	429	29.70	21.55	–	–
RTI_k3_n100_m429_478	100	429	1.81	1.34	–	–
RTI_k3_n100_m429_479	100	429	24.25	18.58	–	–
RTI_k3_n100_m429_482	100	429	6.55	4.87	–	–
RTI_k3_n100_m429_483	100	429	10.65	7.66	4.11	3.38
RTI_k3_n100_m429_485	100	429	1.44	1.06	–	–
RTI_k3_n100_m429_486	100	429	9.72	7.29	–	–
RTI_k3_n100_m429_488	100	429	1.48	1.20	–	–
RTI_k3_n100_m429_489	100	429	14.10	10.65	–	–
RTI_k3_n100_m429_492	100	429	33.16	24.56	–	–
RTI_k3_n100_m429_493	100	429	5.78	4.26	–	–
RTI_k3_n100_m429_495	100	429	6.36	4.80	–	–
RTI_k3_n100_m429_49	100	429	13.37	9.91	–	–
RTI_k3_n100_m429_50	100	429	1.71	1.35	–	–
RTI_k3_n100_m429_55	100	429	1.12	0.86	–	–
RTI_k3_n100_m429_60	100	429	143.34	111.91	–	–
RTI_k3_n100_m429_62	100	429	5.34	4.01	–	–
RTI_k3_n100_m429_64	100	429	13.78	12.43	–	–
RTI_k3_n100_m429_67	100	429	13.85	10.78	–	–
RTI_k3_n100_m429_68	100	429	3.39	2.49	–	–
RTI_k3_n100_m429_70	100	429	20.05	14.85	4.19	3.45
RTI_k3_n100_m429_72	100	429	2.61	2.11	–	–
RTI_k3_n100_m429_77	100	429	15.54	11.51	–	–
RTI_k3_n100_m429_82	100	429	6.72	5.18	–	–
RTI_k3_n100_m429_84	100	429	46.54	35.45	–	–
RTI_k3_n100_m429_94	100	429	2.67	1.97	–	–
RTI_k3_n100_m429_95	100	429	3.79	3.05	–	–
RTI_k3_n100_m429_96	100	429	1.96	1.42	–	–
RTI_k3_n100_m429_98	100	429	2.87	2.08	–	–
RTI_k3_n100_m429_99	100	429	6.49	4.78	–	–
uf75-067	75	325	2.32	2.04	0.90	0.67
uf75-079	75	325	3.46	3.13	0.56	0.42
uf75-090	75	325	2.27	1.97	0.74	0.55