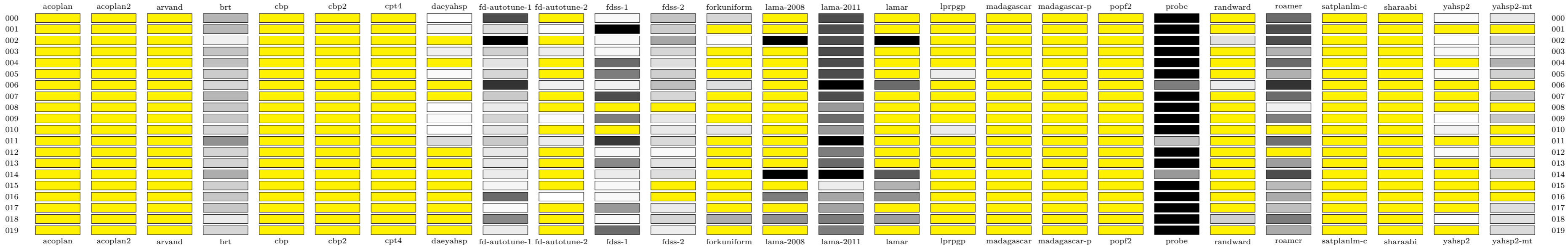
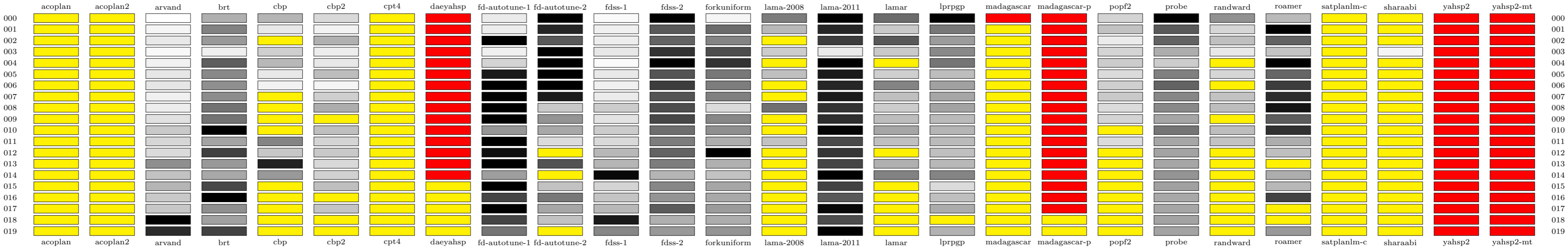


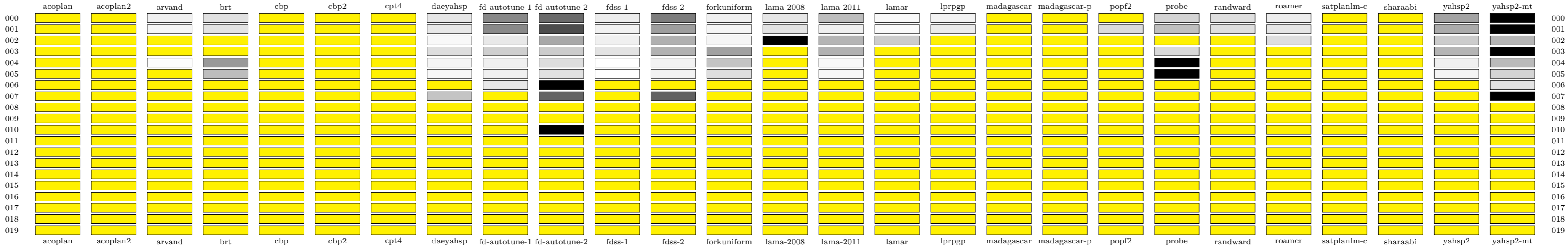
no.	acoplan	acoplan2	arvand	brt	cbp	cbp2	cpt4	daeyahsp	fd-autotune-1	fd-autotune-2	fdss-1	fdss-2	forkuniform	lama-2008	lama-2011	lamar	lprpgp	madagascar	madagascar-p	popf2	probe	randward	roamer	satplanlm-c	sharaabi	yahsp2	yahsp2-mt	best
000	∅	∅	∅	0.46	∅	∅	∅	0.24	0.77	∅	0.26	0.41	0.36	∅	0.77	∅	∅	∅	∅	∅	1.00	∅	0.68	∅	∅	0.25	0.30	1.00
001	∅	∅	∅	0.45	∅	∅	∅	0.27	0.34	0.24	1.00	0.39	∅	∅	0.77	∅	∅	∅	∅	∅	1.00	∅	0.77	∅	∅	∅	∅	1.00
002	∅	∅	∅	0.28	∅	∅	∅	∅	1.00	∅	0.26	0.50	0.24	1.00	0.77	1.00	∅	∅	∅	∅	1.00	0.33	0.77	∅	∅	0.25	0.36	1.00
003	∅	∅	∅	0.41	∅	∅	∅	0.28	0.37	0.29	0.26	0.36	∅	∅	0.77	∅	∅	∅	∅	∅	1.00	∅	0.47	∅	∅	0.26	0.30	1.00
004	∅	∅	∅	0.43	∅	∅	∅	∅	0.32	∅	0.68	0.34	∅	∅	0.77	∅	∅	∅	∅	∅	1.00	∅	0.68	∅	∅	∅	0.47	0.00
005	∅	∅	∅	0.39	∅	∅	∅	0.26	0.36	∅	0.62	0.38	∅	∅	0.77	∅	0.29	∅	∅	∅	1.00	∅	0.47	∅	∅	0.26	0.38	0.00
006	∅	∅	∅	0.36	∅	∅	∅	∅	0.85	0.28	0.28	0.43	0.33	∅	1.00	0.68	∅	∅	∅	∅	0.62	0.29	0.85	∅	∅	∅	∅	2.00
007	∅	∅	∅	0.45	∅	∅	∅	∅	0.40	∅	0.77	0.36	∅	∅	0.77	∅	∅	∅	∅	∅	1.00	∅	0.68	∅	∅	∅	0.41	0.00
008	∅	∅	∅	0.40	∅	∅	∅	0.24	0.30	∅	∅	∅	∅	∅	0.54	∅	∅	∅	∅	∅	1.00	∅	0.28	∅	∅	∅	∅	0.00
009	∅	∅	∅	0.40	∅	∅	∅	0.25	0.37	0.25	0.62	0.31	∅	∅	0.68	∅	∅	∅	∅	∅	1.00	∅	0.62	∅	∅	0.24	0.40	0.00
010	∅	∅	∅	0.36	∅	∅	∅	0.24	0.32	∅	∅	0.30	0.31	∅	0.54	∅	0.30	∅	∅	∅	1.00	∅	∅	∅	∅	0.27	∅	1.00
011	∅	∅	∅	0.57	∅	∅	∅	0.34	0.40	0.30	0.83	0.35	∅	∅	1.00	∅	∅	∅	∅	∅	0.43	∅	0.66	∅	∅	∅	∅	5.00
012	∅	∅	∅	0.37	∅	∅	∅	∅	0.31	∅	0.26	0.26	∅	∅	0.62	∅	∅	∅	∅	∅	1.00	∅	∅	∅	∅	0.25	0.32	1.00
013	∅	∅	∅	0.37	∅	∅	∅	∅	0.31	∅	0.59	0.32	∅	∅	0.68	∅	∅	∅	∅	∅	1.00	∅	0.53	∅	∅	∅	∅	1.00
014	∅	∅	∅	0.48	∅	∅	∅	∅	0.30	∅	0.29	0.34	∅	1.00	1.00	0.73	∅	∅	∅	∅	0.54	∅	0.77	∅	∅	∅	0.36	3.00
015	∅	∅	∅	0.38	∅	∅	∅	∅	0.27	∅	0.26	∅	∅	∅	0.29	0.47	∅	∅	∅	∅	1.00	∅	0.44	∅	∅	∅	∅	0.00
016	∅	∅	∅	0.41	∅	∅	∅	∅	0.68	0.24	0.26	∅	∅	0.62	0.50	0.56	∅	∅	∅	∅	1.00	∅	0.49	∅	∅	∅	∅	0.00
017	∅	∅	∅	0.41	∅	∅	∅	∅	0.25	∅	0.54	0.30	∅	∅	0.51	∅	∅	∅	∅	∅	1.00	∅	0.42	∅	∅	∅	0.33	1.00
018	∅	∅	∅	0.30	∅	∅	∅	∅	0.59	∅	0.26	0.36	0.48	0.56	0.62	0.53	∅	∅	∅	∅	1.00	0.38	0.62	∅	∅	0.24	0.32	0.00
019	∅	∅	∅	0.36	∅	∅	∅	∅	0.30	∅	0.68	0.29	∅	∅	0.62	∅	∅	∅	∅	∅	1.00	∅	0.49	∅	∅	∅	0.34	0.00
total	0.00	0.00	0.00	8.03	0.00	0.00	0.00	2.12	8.77	1.61	8.72	5.99	1.73	3.19	13.99	3.96	0.59	0.00	0.00	0.00	18.59	1.00	10.69	0.00	0.00	2.02	4.31	



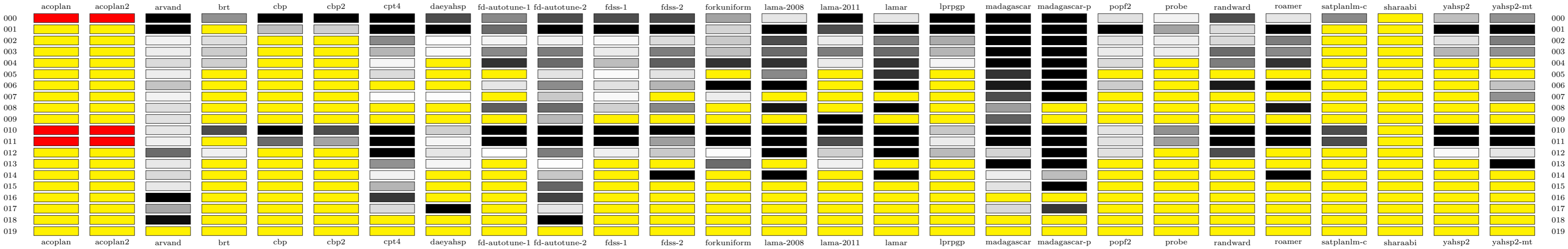
no.	acoplan	acoplan2	arvand	brt	cbp	cbp2	cpt4	daeyahsp	fd-autotune-1	fd-autotune-2	fdss-1	fdss-2	forkuniform	lama-2008	lama-2011	lamar	lprpgp	madagascar	madagascar-p	popf2	probe	randward	roamer	satplanlm-c	sharaabi	yahsp2	yahsp2-mt	best
000	∅	∅	0.24	0.47	0.46	0.35	∅	✖	0.30	1.00	0.25	1.00	0.27	0.62	1.00	0.68	1.00	✖	✖	0.37	1.00	0.56	0.44	∅	∅	✖	✖	1.00
001	∅	∅	0.26	0.61	0.31	0.28	∅	✖	0.29	0.89	0.28	0.73	0.68	0.45	0.89	0.40	0.64	∅	✖	0.42	0.73	0.36	1.00	∅	∅	✖	✖	3.00
002	∅	∅	0.30	0.54	∅	0.48	∅	✖	1.00	0.73	0.29	0.70	0.60	∅	0.82	0.73	0.54	∅	✖	0.30	0.70	0.43	0.70	∅	∅	✖	✖	3.00
003	∅	∅	0.26	0.28	0.38	0.29	∅	✖	0.28	1.00	0.31	0.85	0.77	0.39	0.30	0.40	0.59	∅	✖	0.37	0.48	0.30	0.41	∅	0.27	✖	✖	2.00
004	∅	∅	0.27	0.72	0.45	0.31	∅	✖	0.37	1.00	0.25	1.00	0.85	∅	1.00	∅	0.65	∅	✖	0.39	0.39	∅	1.00	∅	∅	✖	✖	2.00
005	∅	∅	0.32	0.59	0.31	0.43	∅	✖	0.93	1.00	0.30	0.74	0.64	0.43	0.93	0.38	0.44	∅	✖	0.34	0.62	0.36	0.69	∅	∅	✖	✖	5.00
006	∅	∅	0.31	0.57	0.27	0.26	∅	✖	1.00	1.00	0.28	0.82	0.62	∅	0.89	0.60	0.52	∅	✖	0.38	0.70	∅	0.82	∅	∅	✖	✖	3.00
007	∅	∅	0.28	0.58	∅	0.38	∅	✖	1.00	0.93	0.30	0.74	0.62	∅	0.93	0.42	0.51	∅	✖	0.40	0.59	0.42	0.87	∅	∅	✖	✖	5.00
008	∅	∅	0.29	0.66	∅	0.48	∅	✖	1.00	0.39	0.39	0.77	0.35	0.67	0.85	0.39	0.51	∅	✖	0.35	0.58	0.43	0.94	∅	∅	✖	✖	6.00
009	∅	∅	0.33	0.66	∅	∅	∅	✖	1.00	0.56	0.32	0.79	0.59	∅	0.87	0.43	0.44	∅	✖	0.36	0.50	∅	0.72	∅	∅	✖	✖	7.00
010	∅	∅	0.40	1.00	∅	0.42	∅	✖	0.55	0.49	0.39	0.67	0.57	∅	0.98	0.51	0.45	∅	✖	∅	0.65	0.43	0.86	∅	∅	✖	✖	26.00
011	∅	∅	0.36	0.51	0.60	0.36	∅	✖	1.00	0.34	0.35	0.62	0.48	0.42	0.78	0.43	0.44	∅	✖	0.34	0.50	0.42	0.48	∅	∅	✖	✖	14.00
012	∅	∅	0.34	0.81	0.40	0.39	∅	✖	0.96	∅	0.45	0.70	1.00	∅	0.84	∅	0.43	∅	✖	∅	0.51	∅	0.42	∅	∅	✖	✖	18.00
013	∅	∅	0.57	0.54	0.90	0.35	∅	✖	1.00	0.76	0.46	0.63	0.47	∅	0.80	0.47	0.45	∅	✖	∅	0.50	∅	∅	∅	∅	✖	✖	20.00
014	∅	∅	0.42	0.50	0.54	0.37	∅	✖	0.53	∅	0.97	0.46	0.42	∅	1.00	0.61	0.60	∅	✖	∅	0.55	∅	0.48	∅	∅	✖	✖	32.00
015	∅	∅	0.46	0.79	∅	0.43	∅	∅	1.00	0.42	0.37	0.60	0.50	∅	0.80	∅	0.35	∅	✖	∅	0.52	∅	0.45	∅	∅	✖	✖	20.00
016	∅	∅	0.40	1.00	∅	∅	∅	∅	0.79	0.64	0.41	0.56	0.50	∅	0.73	∅	0.42	∅	✖	∅	0.50	∅	0.80	∅	∅	✖	✖	37.00
017	∅	∅	0.41	0.57	∅	0.41	∅	∅	1.00	0.51	0.45	0.72	0.53	∅	0.98	∅	0.49	∅	✖	∅	0.50	∅	∅	∅	∅	✖	✖	60.00
018	∅	∅	1.00	0.52	∅	∅	∅	∅	0.79	0.42	0.92	0.48	0.48	∅	0.77	∅	∅	∅	∅	∅	0.51	∅	∅	∅	∅	✖	✖	54.00
019	∅	∅	0.87	0.80	∅	∅	∅	∅	0.65	∅	0.59	0.54	0.56	∅	1.00	∅	0.46	∅	∅	∅	0.51	∅	0.54	∅	∅	✖	✖	87.00
total	0.00	0.00	8.07	12.72	4.62	5.99	0.00	0.00	15.45	12.08	8.32	14.12	11.49	2.98	17.15	6.45	9.92	0.00	0.00	4.02	11.55	3.72	11.63	0.00	0.27	0.00	0.00	



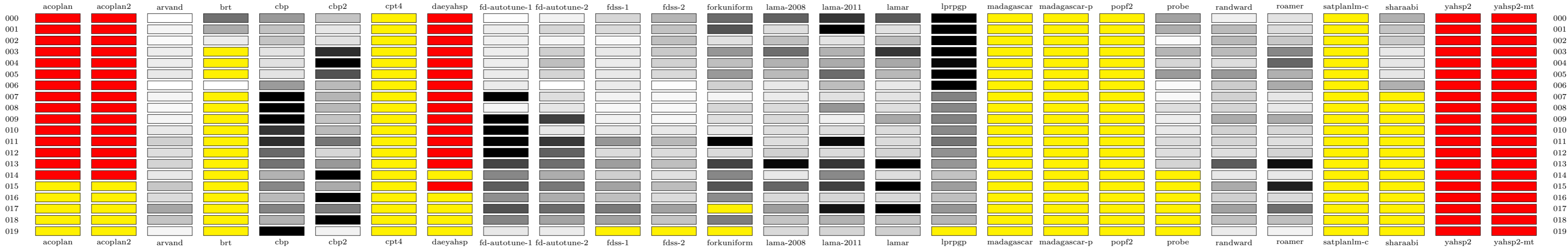
no.	acoplan	acoplan2	arvand	brt	cbp	cbp2	cpt4	daeyahsp	fd-autotune-1	fd-autotune-2	fdss-1	fdss-2	forkuniform	lama-2008	lama-2011	lamar	lprpgp	madagascar	madagascar-p	popf2	probe	randward	roamer	satplanlm-c	sharaabi	yahsp2	yahsp2-mt	best
000	∅	∅	0.29	0.33	∅	∅	∅	0.31	0.59	0.68	0.29	0.62	0.28	0.32	0.43	0.26	0.28	∅	∅	∅	0.36	0.34	0.29	∅	∅	0.51	1.00	1.00
001	∅	∅	0.27	0.32	∅	∅	∅	0.31	0.59	0.77	0.28	0.53	0.27	0.32	0.29	0.25	0.30	∅	∅	0.35	0.43	0.34	0.31	∅	∅	0.49	1.00	1.00
002	∅	∅	∅	∅	∅	∅	∅	0.26	0.31	0.50	0.29	0.47	0.27	1.00	0.46	0.39	∅	∅	∅	∅	∅	0.34	∅	∅	∅	0.39	0.46	3.00
003	∅	∅	∅	∅	∅	∅	∅	0.34	0.38	0.39	0.32	0.47	0.52	∅	0.47	∅	∅	∅	∅	0.35	∅	∅	∅	∅	∅	0.46	1.00	11.00
004	∅	∅	0.24	0.54	∅	∅	∅	0.27	0.28	0.34	0.24	0.28	0.41	∅	0.26	∅	∅	∅	∅	∅	1.00	∅	∅	∅	∅	0.28	0.44	0.00
005	∅	∅	∅	0.43	∅	∅	∅	0.26	0.28	0.33	0.24	0.27	0.33	∅	0.26	∅	∅	∅	∅	∅	1.00	∅	∅	∅	∅	0.27	0.37	0.00
006	∅	∅	∅	∅	∅	∅	∅	∅	0.30	1.00	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	0.32	1.00	1.00
007	∅	∅	∅	∅	∅	∅	∅	0.41	∅	0.70	∅	0.71	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	1.00	57.00
008	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅
009	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅
010	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	1.00	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	7.00
011	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅
012	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅
013	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅
014	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅
015	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅
016	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅
017	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅
018	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅
019	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅
total	0.00	0.00	0.80	1.63	0.00	0.00	0.00	2.17	2.74	5.71	1.66	3.35	2.08	1.63	2.17	0.91	0.58	0.00	0.00	0.35	3.15	0.68	0.94	0.00	0.00	2.40	5.58	



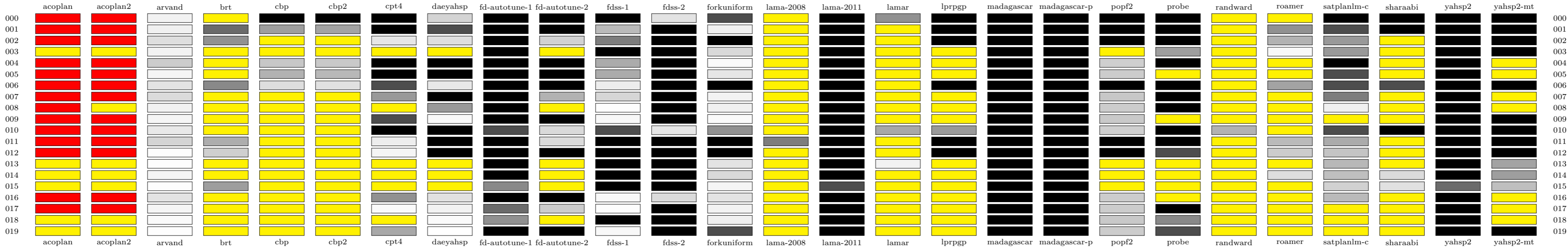
no.	acoplan	acoplan2	arvand	brt	cbp	cbp2	cpt4	daeyahsp	fd-autotune-1	fd-autotune-2	fdss-1	fdss-2	forkuniform	lama-2008	lama-2011	lamar	lprpgp	madagascar	madagascar-p	popf2	probe	randward	roamer	satplanlm-c	sharaabi	yahsp2	yahsp2-mt	best
000	✘	✘	1.00	0.56	1.00	1.00	1.00	0.77	0.59	0.77	0.77	0.77	0.51	0.31	1.00	0.31	1.00	1.00	1.00	0.33	0.27	0.77	0.31	0.59	∅	0.43	0.56	0.00
001	∅	∅	1.00	∅	0.42	0.38	1.00	1.00	0.68	1.00	1.00	1.00	0.36	1.00	0.77	1.00	1.00	1.00	1.00	1.00	0.51	0.34	1.00	∅	∅	1.00	1.00	0.00
002	∅	∅	0.27	0.34	∅	∅	0.59	0.24	0.27	0.27	0.26	0.34	0.40	0.77	0.29	0.62	0.49	1.00	1.00	0.32	0.29	0.35	0.62	∅	∅	0.32	0.62	0.00
003	∅	∅	0.29	0.39	∅	∅	0.45	0.25	0.59	0.62	0.30	0.62	0.42	0.68	0.62	0.68	0.46	1.00	1.00	0.30	0.29	0.68	0.59	∅	∅	0.46	0.56	1.00
004	∅	∅	0.35	0.38	∅	∅	0.27	∅	0.85	0.68	0.43	0.72	0.85	0.85	0.29	0.85	0.26	1.00	1.00	0.34	∅	0.62	0.85	∅	∅	∅	∅	2.00
005	∅	∅	0.29	∅	∅	∅	0.34	∅	∅	0.32	0.25	0.32	∅	0.59	∅	0.85	∅	0.85	1.00	∅	∅	∅	∅	∅	∅	∅	∅	2.00
006	∅	∅	0.41	∅	∅	∅	∅	∅	0.31	0.58	0.33	0.46	1.00	1.00	∅	1.00	∅	0.93	1.00	0.39	∅	0.93	1.00	∅	∅	∅	0.41	5.00
007	∅	∅	0.27	∅	∅	∅	0.24	0.25	∅	0.40	0.25	∅	0.29	∅	∅	∅	∅	0.77	1.00	∅	∅	∅	∅	∅	∅	∅	0.56	1.00
008	∅	∅	0.33	∅	∅	∅	∅	∅	0.72	0.68	0.37	0.59	∅	0.94	∅	1.00	∅	0.53	∅	∅	∅	∅	0.94	∅	∅	∅	∅	6.00
009	∅	∅	0.32	∅	∅	∅	∅	∅	∅	0.45	∅	∅	∅	∅	1.00	∅	∅	0.71	∅	∅	∅	∅	∅	∅	∅	∅	∅	5.00
010	✘	✘	0.31	0.77	1.00	0.77	1.00	0.38	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.40	1.00	1.00	0.32	0.56	1.00	1.00	0.77	∅	1.00	1.00	0.00
011	✘	✘	0.28	∅	0.68	0.51	1.00	0.26	1.00	1.00	1.00	0.53	1.00	1.00	0.77	1.00	0.30	1.00	1.00	0.32	0.53	1.00	1.00	0.77	∅	1.00	1.00	0.00
012	∅	∅	0.68	0.28	∅	∅	1.00	0.31	0.24	0.62	0.28	0.40	0.25	1.00	0.38	1.00	0.44	0.37	1.00	0.33	∅	0.77	∅	∅	∅	0.25	0.31	1.00
013	∅	∅	0.31	∅	∅	∅	0.56	0.26	∅	0.24	∅	∅	0.68	∅	0.28	∅	∅	1.00	1.00	∅	∅	∅	∅	∅	∅	∅	1.00	1.00
014	∅	∅	0.35	∅	∅	∅	0.27	∅	∅	0.40	∅	1.00	∅	1.00	∅	1.00	∅	0.29	0.44	∅	∅	∅	1.00	∅	∅	∅	∅	2.00
015	∅	∅	0.30	∅	∅	∅	0.46	∅	∅	0.69	∅	∅	∅	∅	∅	∅	∅	0.32	1.00	∅	∅	∅	∅	∅	∅	∅	∅	5.00
016	∅	∅	1.00	∅	∅	∅	0.83	∅	∅	0.80	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	849.00
017	∅	∅	0.50	∅	∅	∅	0.34	1.00	∅	0.31	∅	∅	∅	∅	∅	∅	∅	0.35	0.83	∅	∅	∅	∅	∅	∅	∅	∅	10.00
018	∅	∅	0.96	∅	∅	∅	∅	∅	∅	1.00	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	652.00
019	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅
total	0.00	0.00	9.23	2.72	3.10	2.66	9.36	4.73	6.23	11.84	6.24	7.74	6.75	10.13	6.41	10.31	4.35	13.10	14.27	3.65	2.45	6.45	8.31	2.13	0.00	4.46	7.03	



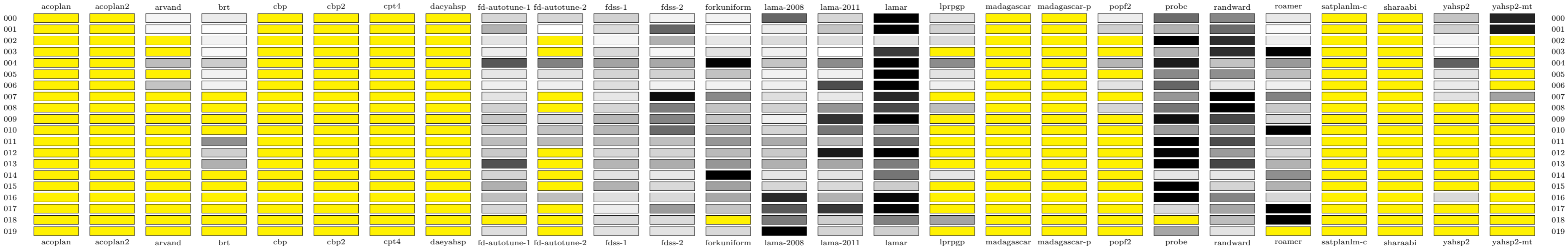
no.	acoplan	acoplan2	arvand	brt	cbp	cbp2	cpt4	daeyahsp	fd-autotune-1	fd-autotune-2	fdss-1	fdss-2	forkuniform	lama-2008	lama-2011	lamar	lprpgp	madagascar	madagascar-p	popf2	probe	randward	roamer	satplanlm-c	sharaabi	yahsp2	yahsp2-mt	best
000	✖	✖	0.29	0.69	0.57	0.45	∅	✖	0.30	0.32	0.40	0.49	0.70	0.73	0.85	0.75	1.00	∅	∅	∅	0.55	0.33	0.37	∅	0.51	✖	✖	6.00
001	✖	✖	0.31	0.53	0.46	0.36	∅	✖	0.34	0.40	0.40	0.46	0.77	0.38	1.00	0.38	1.00	∅	∅	∅	0.52	0.48	0.39	∅	0.46	✖	✖	10.00
002	✖	✖	0.30	0.34	0.45	0.37	∅	✖	0.33	0.32	0.31	0.46	0.38	0.47	0.37	0.48	1.00	∅	∅	∅	0.31	0.49	0.45	∅	0.44	✖	✖	9.00
003	✖	✖	0.34	∅	0.37	0.87	∅	✖	0.34	0.42	0.36	0.44	0.58	0.69	0.50	0.85	1.00	∅	∅	∅	0.50	0.48	0.62	∅	0.36	✖	✖	20.00
004	✖	✖	0.34	∅	0.37	1.00	∅	✖	0.34	0.47	0.34	0.41	0.47	0.51	0.52	0.53	0.98	∅	∅	∅	0.40	0.38	0.72	∅	0.36	✖	✖	19.00
005	✖	✖	0.35	∅	0.37	0.78	∅	✖	0.35	0.41	0.35	0.40	0.57	0.48	0.70	0.49	1.00	∅	∅	∅	0.57	0.57	0.51	∅	0.36	✖	✖	20.00
006	✖	✖	0.29	0.29	0.57	0.48	∅	✖	0.35	0.29	0.34	0.30	0.42	0.36	0.47	0.35	1.00	∅	∅	∅	0.31	0.43	0.52	∅	0.51	✖	✖	6.00
007	✖	✖	0.32	∅	1.00	0.50	∅	✖	1.00	0.38	0.33	0.31	0.32	0.35	0.37	0.37	0.64	∅	∅	∅	0.31	0.41	0.36	∅	∅	✖	✖	11.00
008	✖	✖	0.31	∅	1.00	0.49	∅	✖	0.32	0.36	0.31	0.31	0.41	0.39	0.58	0.38	0.62	∅	∅	∅	0.38	0.41	0.35	∅	∅	✖	✖	10.00
009	✖	✖	0.31	∅	1.00	0.45	∅	✖	1.00	0.82	0.33	0.31	0.38	0.40	0.33	0.53	0.64	∅	∅	∅	0.34	0.53	0.52	∅	∅	✖	✖	11.00
010	✖	✖	0.35	∅	0.85	0.48	∅	✖	1.00	0.35	0.35	0.35	0.35	0.38	0.38	0.39	0.61	∅	∅	∅	0.35	0.42	0.40	∅	∅	✖	✖	22.00
011	✖	✖	0.42	∅	0.87	0.67	∅	✖	0.99	0.84	0.58	0.49	1.00	0.38	0.98	0.39	0.67	∅	∅	∅	0.39	0.41	0.38	∅	∅	✖	✖	41.00
012	✖	✖	0.38	∅	0.71	0.40	∅	✖	1.00	0.73	0.39	0.39	0.39	0.41	0.39	0.41	0.59	∅	∅	∅	0.38	0.38	0.41	∅	∅	✖	✖	42.00
013	✖	✖	0.41	∅	0.68	0.57	∅	✖	0.81	0.70	0.56	0.47	0.82	0.98	0.85	1.00	0.58	∅	∅	∅	0.41	0.74	0.96	∅	∅	✖	✖	54.00
014	✖	✖	0.35	∅	0.50	1.00	∅	∅	0.62	0.51	0.42	0.38	0.62	0.36	0.62	0.38	0.46	∅	∅	∅	∅	0.35	0.35	∅	∅	✖	✖	25.00
015	∅	∅	0.44	∅	0.62	0.52	∅	✖	0.75	0.67	0.55	0.48	0.77	0.71	0.82	1.00	0.56	∅	∅	∅	∅	0.53	0.91	∅	∅	✖	✖	96.00
016	∅	∅	0.39	∅	0.48	1.00	∅	∅	0.60	0.51	0.47	0.39	0.61	0.39	0.40	0.39	0.47	∅	∅	∅	∅	0.42	0.39	∅	∅	✖	✖	48.00
017	∅	∅	0.54	∅	0.63	0.65	∅	∅	0.77	0.70	0.66	0.55	∅	0.56	0.94	1.00	0.58	∅	∅	∅	∅	0.55	0.69	∅	∅	✖	✖	222.00
018	∅	∅	0.45	∅	0.50	1.00	∅	∅	0.63	0.55	0.55	0.45	0.65	0.45	0.50	0.46	0.50	∅	∅	∅	∅	0.47	0.47	∅	∅	✖	✖	107.00
019	∅	∅	0.32	∅	1.00	0.32	∅	∅	0.35	0.34	∅	∅	∅	0.39	0.41	0.43	∅	∅	∅	∅	0.34	0.33	∅	∅	∅	✖	✖	12.00
total	0.00	0.00	7.23	1.84	13.01	12.37	0.00	0.00	12.18	10.11	8.00	7.83	10.20	9.77	11.98	10.96	13.91	0.00	0.00	0.00	5.71	9.13	10.09	0.00	2.98	0.00	0.00	



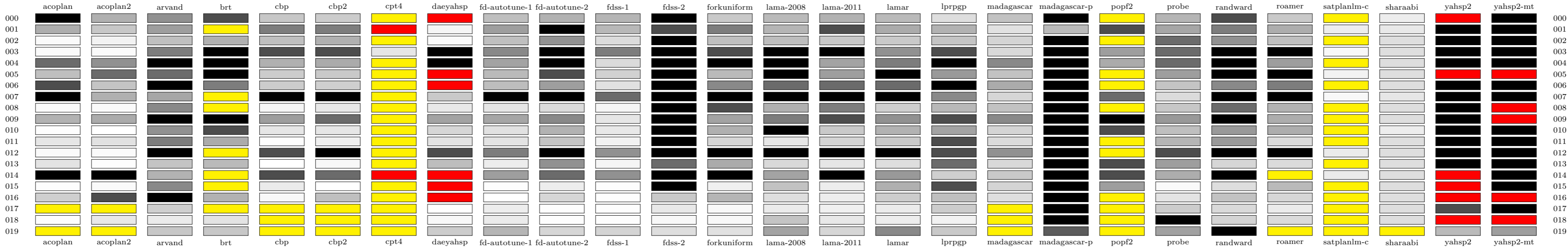
no.	acoplan	acoplan2	arvand	brt	cbp	cbp2	cpt4	daeyahsp	fd-autotune-1	fd-autotune-2	fdss-1	fdss-2	forkuniform	lama-2008	lama-2011	lamar	lprpgp	madagascar	madagascar-p	popf2	probe	randward	roamer	satplanlm-c	sharaabi	yahsp2	yahsp2-mt	best	
000	✗	✗	0.27	∅	1.00	1.00	1.00	0.37	1.00	1.00	1.00	0.32	0.77	∅	1.00	0.56	1.00	1.00	1.00	1.00	1.00	1.00	∅	∅	1.00	1.00	1.00	0.00	
001	✗	✗	0.28	0.68	0.53	0.51	1.00	0.77	1.00	1.00	0.44	1.00	0.28	∅	1.00	∅	1.00	1.00	1.00	1.00	1.00	1.00	∅	0.56	0.77	1.00	1.00	1.00	0.00
002	✗	✗	0.33	0.56	∅	∅	0.31	0.33	1.00	0.38	0.62	1.00	1.00	∅	1.00	∅	1.00	1.00	1.00	1.00	1.00	1.00	∅	0.47	0.54	∅	1.00	1.00	0.00
003	∅	∅	0.28	∅	∅	∅	∅	∅	1.00	∅	1.00	1.00	0.35	∅	1.00	∅	∅	1.00	1.00	∅	0.53	∅	0.26	0.54	∅	1.00	1.00	0.00	
004	✗	✗	0.39	∅	0.41	0.40	1.00	1.00	1.00	1.00	0.49	1.00	0.25	∅	1.00	∅	∅	1.00	1.00	0.38	1.00	∅	∅	1.00	∅	1.00	∅	0.00	
005	✗	✗	0.27	∅	0.47	0.45	1.00	1.00	1.00	1.00	0.49	1.00	0.31	∅	1.00	∅	∅	1.00	1.00	0.39	∅	∅	∅	0.77	∅	1.00	∅	0.00	
006	✗	✗	0.32	0.59	0.34	0.33	0.77	0.31	1.00	1.00	0.29	1.00	1.00	∅	1.00	∅	1.00	1.00	1.00	1.00	1.00	1.00	∅	0.51	0.77	0.77	1.00	1.00	0.00
007	✗	✗	0.35	∅	∅	∅	0.54	1.00	1.00	0.47	0.36	1.00	0.28	∅	1.00	∅	∅	1.00	1.00	0.41	1.00	∅	∅	0.62	∅	1.00	∅	0.00	
008	✗	∅	0.28	∅	∅	∅	∅	0.54	1.00	∅	0.25	1.00	0.28	∅	1.00	∅	∅	1.00	1.00	0.39	1.00	∅	∅	0.28	∅	1.00	∅	0.00	
009	✗	✗	0.26	∅	∅	∅	0.77	0.26	1.00	1.00	0.26	1.00	0.25	∅	1.00	∅	∅	1.00	1.00	0.40	∅	∅	∅	∅	∅	1.00	1.00	0.00	
010	✗	✗	0.31	∅	∅	∅	1.00	1.00	0.77	0.35	0.77	0.31	0.56	∅	1.00	0.50	0.54	1.00	1.00	0.39	1.00	0.47	∅	0.77	1.00	1.00	1.00	0.00	
011	✗	✗	0.37	0.48	∅	∅	0.29	1.00	1.00	0.35	1.00	1.00	1.00	0.62	1.00	∅	1.00	1.00	1.00	1.00	1.00	1.00	∅	0.44	0.49	∅	1.00	1.00	0.00
012	✗	✗	0.24	0.38	∅	∅	0.26	1.00	1.00	1.00	1.00	1.00	1.00	∅	1.00	∅	1.00	1.00	1.00	1.00	1.00	0.77	∅	0.39	0.41	∅	1.00	1.00	0.00
013	∅	∅	0.24	∅	∅	∅	∅	∅	1.00	∅	1.00	1.00	0.32	∅	1.00	0.27	∅	1.00	1.00	1.00	∅	∅	∅	∅	0.45	∅	1.00	0.51	0.00
014	∅	∅	0.27	∅	∅	∅	∅	∅	1.00	∅	1.00	1.00	0.35	∅	1.00	∅	∅	1.00	1.00	1.00	∅	∅	∅	0.34	0.43	0.35	1.00	0.53	0.00
015	∅	∅	0.25	0.53	∅	∅	∅	∅	0.59	∅	1.00	1.00	0.27	∅	0.77	∅	∅	1.00	1.00	1.00	∅	∅	∅	∅	0.38	0.33	0.68	0.43	0.00
016	✗	✗	0.32	∅	∅	∅	0.56	0.33	1.00	1.00	0.26	0.35	0.32	∅	1.00	∅	∅	1.00	1.00	0.39	∅	∅	∅	∅	0.44	∅	1.00	∅	0.00
017	✗	✗	0.27	∅	∅	∅	0.25	0.28	0.68	0.39	0.25	1.00	0.28	∅	1.00	∅	∅	1.00	1.00	0.39	1.00	∅	∅	∅	∅	∅	1.00	∅	0.00
018	∅	∅	0.25	∅	∅	∅	∅	0.26	0.56	∅	1.00	1.00	0.29	∅	1.00	∅	∅	1.00	1.00	0.40	0.59	∅	∅	∅	∅	∅	1.00	∅	0.00
019	∅	∅	0.24	∅	∅	∅	0.50	0.24	1.00	1.00	0.26	1.00	0.77	∅	1.00	∅	∅	1.00	1.00	0.39	0.77	∅	∅	∅	∅	∅	1.00	1.00	0.00
total	0.00	0.00	5.80	3.22	2.74	2.70	9.26	9.68	18.60	10.93	12.75	17.98	9.93	0.62	19.77	1.34	6.54	20.00	20.00	9.93	12.65	0.47	2.98	9.66	4.44	19.68	11.47		



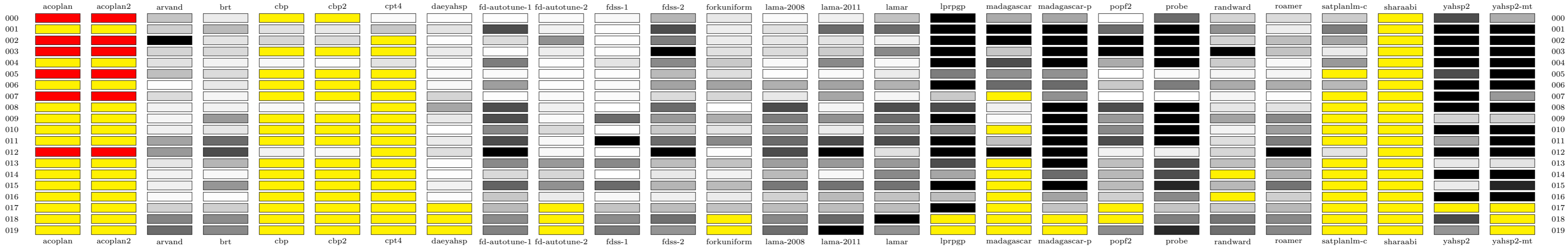
	acoplan	acoplan2	arvand	brt	cbp	cbp2	cpt4	daeyahsp	fd-autotune-1	fd-autotune-2	fdss-1	fdss-2	forkuniform	lama-2008	lama-2011	lamar	lprpgp	madagascar	madagascar-p	popf2	probe	randward	roamer	satplanlm-c	sharaabi	yahsp2	yahsp2-mt	best
000	∅	∅	0.35	0.37	∅	∅	∅	∅	0.42	0.43	0.44	0.35	0.35	0.72	0.43	1.00	0.40	∅	∅	0.36	0.72	0.64	0.38	∅	∅	0.48	0.91	22.00
001	∅	∅	0.34	0.32	∅	∅	∅	∅	0.52	0.32	0.41	0.73	0.32	0.37	0.47	1.00	0.44	∅	∅	0.45	0.52	0.71	0.33	∅	∅	0.45	0.93	11.00
002	∅	∅	∅	0.35	∅	∅	∅	∅	0.39	∅	0.35	0.53	0.39	0.41	0.41	0.40	0.42	∅	∅	∅	1.00	0.88	0.37	∅	∅	0.35	∅	19.00
003	∅	∅	∅	0.34	∅	∅	∅	∅	0.36	∅	0.42	0.34	0.40	0.36	0.32	0.84	∅	∅	∅	0.52	0.88	1.00	∅	∅	0.32	∅	13.00	
004	∅	∅	0.50	0.45	∅	∅	∅	∅	0.77	0.65	0.56	0.55	1.00	0.47	0.62	1.00	0.63	∅	∅	0.52	0.93	0.48	0.59	∅	∅	0.74	∅	101.00
005	∅	∅	∅	0.35	∅	∅	∅	∅	0.39	0.40	0.43	0.44	0.48	0.35	0.36	1.00	0.39	∅	∅	∅	0.63	0.61	0.50	∅	∅	0.39	∅	21.00
006	∅	∅	0.47	0.35	∅	∅	∅	∅	0.36	0.36	0.41	0.35	0.35	0.36	0.80	1.00	0.36	∅	∅	0.39	0.72	0.38	0.36	∅	∅	0.37	∅	20.00
007	∅	∅	∅	∅	∅	∅	∅	∅	0.39	∅	0.38	0.96	0.63	0.40	0.38	0.89	∅	∅	∅	0.60	1.00	0.65	∅	∅	0.40	0.57	34.00	
008	∅	∅	∅	∅	∅	∅	∅	∅	0.44	∅	0.43	0.67	0.48	0.44	0.60	0.80	0.49	∅	∅	0.42	0.69	1.00	0.46	∅	∅	∅	∅	72.00
009	∅	∅	∅	∅	∅	∅	∅	∅	0.47	0.42	0.51	0.64	0.48	0.36	0.86	1.00	∅	∅	∅	0.96	0.81	0.43	∅	∅	∅	∅	30.00	
010	∅	∅	∅	∅	∅	∅	∅	∅	0.45	0.48	0.51	0.72	0.56	0.43	0.68	0.57	∅	∅	∅	0.58	0.60	1.00	∅	∅	∅	∅	76.00	
011	∅	∅	∅	0.62	∅	∅	∅	∅	0.50	0.50	0.50	0.49	0.60	0.54	0.51	0.71	∅	∅	∅	1.00	0.80	0.49	∅	∅	∅	∅	153.00	
012	∅	∅	∅	0.45	∅	∅	∅	∅	0.46	∅	0.43	0.43	0.50	0.46	0.93	1.00	∅	∅	∅	0.98	0.58	0.43	∅	∅	∅	∅	75.00	
013	∅	∅	∅	0.53	∅	∅	∅	∅	0.78	∅	0.52	0.53	0.60	0.53	0.55	0.67	∅	∅	∅	1.00	0.82	0.52	∅	∅	∅	∅	187.00	
014	∅	∅	∅	∅	∅	∅	∅	∅	0.43	∅	0.40	0.38	1.00	0.38	0.39	0.68	0.39	∅	∅	∅	0.39	0.39	0.62	∅	∅	∅	∅	37.00
015	∅	∅	∅	∅	∅	∅	∅	∅	0.53	∅	0.52	0.42	0.57	0.43	0.42	0.46	∅	∅	∅	1.00	0.43	0.52	∅	∅	∅	∅	73.00	
016	∅	∅	∅	∅	∅	∅	∅	∅	0.49	0.49	0.41	0.42	0.55	0.89	0.52	0.98	∅	∅	∅	1.00	0.65	0.42	∅	∅	0.42	∅	60.00	
017	∅	∅	∅	∅	∅	∅	∅	∅	0.43	∅	0.37	0.58	0.48	0.76	0.85	0.99	∅	∅	∅	0.42	0.56	1.00	∅	∅	∅	∅	30.00	
018	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	0.41	0.41	∅	0.67	0.45	0.66	0.56	∅	∅	∅	∅	0.49	1.00	∅	∅	∅	∅	61.00
019	∅	∅	∅	∅	∅	∅	∅	∅	0.41	∅	0.40	0.40	0.42	1.00	0.44	0.45	∅	∅	∅	0.56	0.39	∅	∅	∅	∅	∅	49.00	
total	0.00	0.00	1.65	4.13	0.00	0.00	0.00	0.00	8.98	4.04	8.81	10.35	10.13	10.35	10.99	16.10	4.06	0.00	0.00	2.15	14.22	13.10	11.08	0.00	0.00	3.92	2.40	



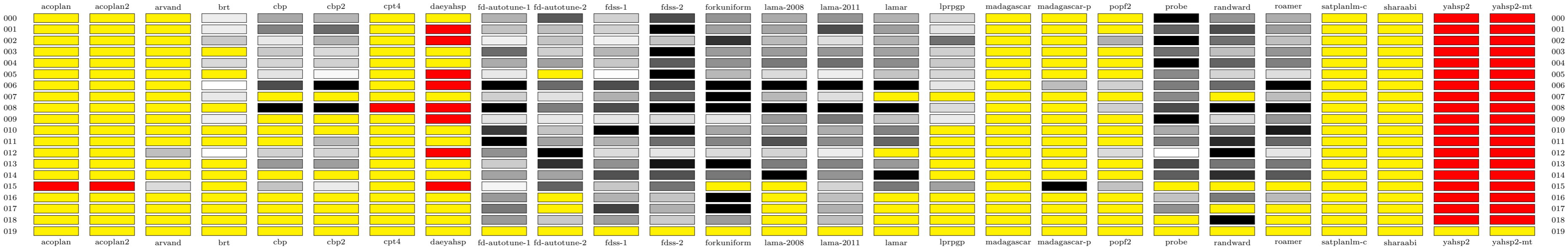
no.	acoplan	acoplan2	arvand	brt	cbp	cbp2	cpt4	daeyahsp	fd-autotune-1	fd-autotune-2	fdss-1	fdss-2	forkuniform	lama-2008	lama-2011	lamar	lprpgp	madagascar	madagascar-p	popf2	probe	randward	roamer	satplanlm-c	sharaabi	yahsp2	yahsp2-mt	best
000	1.00	0.47	0.56	0.77	0.40	0.39	∅	✖	0.42	0.47	0.46	1.00	0.40	0.44	0.47	0.44	0.33	0.42	1.00	∅	0.46	0.77	0.40	∅	0.29	✖	1.00	1.00
001	0.48	0.40	0.53	∅	0.62	0.62	✖	0.26	0.53	1.00	0.45	0.77	0.62	0.45	0.77	0.49	0.47	0.32	0.44	0.77	0.50	0.62	0.48	0.29	0.30	1.00	1.00	0.00
002	0.25	0.27	0.42	0.47	0.43	0.47	∅	0.25	0.42	0.56	0.34	1.00	0.43	0.43	0.40	0.40	0.41	0.36	1.00	∅	0.68	0.56	0.43	∅	0.34	1.00	1.00	0.00
003	0.25	0.25	0.62	1.00	0.77	0.77	0.31	1.00	0.59	1.00	0.62	1.00	0.77	1.00	1.00	0.56	0.77	0.35	1.00	0.53	0.68	1.00	1.00	0.26	0.34	1.00	1.00	0.00
004	0.68	0.56	1.00	1.00	0.47	0.49	∅	1.00	0.51	1.00	0.34	1.00	1.00	1.00	0.51	0.62	1.00	0.59	1.00	0.49	0.68	1.00	0.53	∅	0.33	1.00	1.00	0.00
005	0.43	0.68	0.68	1.00	0.39	0.40	∅	✖	0.44	0.77	0.37	1.00	0.44	1.00	0.53	1.00	0.54	0.42	1.00	∅	0.53	1.00	1.00	0.27	0.34	✖	✖	0.00
006	0.77	0.41	1.00	0.62	0.39	0.38	∅	✖	0.43	0.53	0.33	1.00	0.59	0.68	0.68	0.68	1.00	0.49	1.00	∅	0.41	0.59	0.62	∅	0.34	1.00	1.00	0.00
007	1.00	0.47	0.50	∅	1.00	1.00	∅	0.40	1.00	1.00	0.68	1.00	1.00	1.00	1.00	1.00	0.59	0.36	1.00	0.68	0.34	1.00	1.00	0.25	0.31	1.00	1.00	0.00
008	0.25	0.25	0.59	∅	0.27	0.30	∅	0.30	0.32	0.34	0.26	1.00	0.77	0.47	0.62	0.38	0.45	0.42	1.00	∅	0.40	0.68	0.47	∅	0.33	1.00	✖	0.00
009	0.47	0.49	1.00	1.00	0.53	0.68	∅	0.51	0.50	0.59	0.31	1.00	0.51	0.62	0.77	0.56	0.77	0.59	1.00	1.00	0.54	1.00	0.48	∅	0.34	1.00	✖	0.00
010	0.25	0.24	0.56	0.77	0.31	0.32	∅	0.36	0.33	0.47	0.30	1.00	0.47	1.00	0.40	0.47	0.51	0.36	1.00	0.77	0.43	0.54	0.48	∅	0.29	1.00	1.00	0.00
011	0.31	0.33	0.62	0.49	0.24	0.28	∅	0.32	0.32	0.41	0.27	1.00	0.36	0.31	0.37	0.40	0.77	0.34	1.00	∅	0.45	0.54	0.34	∅	0.34	1.00	1.00	0.00
012	0.25	0.25	1.00	∅	0.77	1.00	∅	0.77	0.62	1.00	0.56	1.00	1.00	1.00	1.00	1.00	0.77	0.56	1.00	∅	0.77	1.00	1.00	0.30	0.34	1.00	1.00	0.00
013	0.32	0.24	0.41	0.44	0.24	0.26	∅	0.43	0.29	0.56	0.26	0.68	0.49	0.35	0.31	0.33	0.68	0.35	1.00	0.77	0.53	0.36	0.34	∅	0.34	1.00	1.00	0.00
014	1.00	1.00	0.47	∅	0.77	0.68	✖	✖	0.53	0.68	0.56	1.00	1.00	0.51	1.00	0.54	0.38	0.40	1.00	0.77	0.48	1.00	∅	0.29	0.34	✖	1.00	0.00
015	0.24	0.25	0.59	∅	0.30	0.24	∅	✖	0.24	0.29	0.24	1.00	0.28	0.42	0.29	0.47	0.77	0.36	1.00	0.53	0.25	0.33	0.44	∅	0.34	✖	1.00	0.00
016	0.38	0.77	1.00	0.47	0.26	0.43	∅	✖	0.24	0.36	0.24	0.40	0.45	0.33	0.29	0.39	0.43	0.33	1.00	∅	0.32	0.42	0.35	∅	0.34	✖	✖	0.00
017	∅	∅	0.38	∅	∅	∅	∅	0.24	0.29	0.24	0.24	0.30	0.25	0.30	0.28	0.30	0.39	∅	1.00	∅	0.39	0.35	0.30	∅	0.33	0.77	1.00	0.00
018	0.24	0.30	0.29	0.32	∅	∅	∅	0.26	0.30	0.24	0.24	0.26	0.26	0.41	0.30	0.29	0.28	∅	1.00	∅	1.00	0.37	0.34	∅	0.34	✖	✖	0.00
019	∅	∅	0.40	0.40	∅	∅	∅	0.39	0.45	0.36	0.36	0.34	0.33	0.51	0.36	0.58	0.40	∅	0.73	∅	0.52	1.00	∅	∅	∅	0.45	0.53	13.00
total	8.57	7.64	12.63	8.75	8.15	8.70	0.31	6.49	8.77	11.85	7.47	16.74	11.42	12.24	11.33	10.91	11.69	7.04	19.17	6.29	10.35	14.13	10.00	1.67	6.22	13.21	14.53	



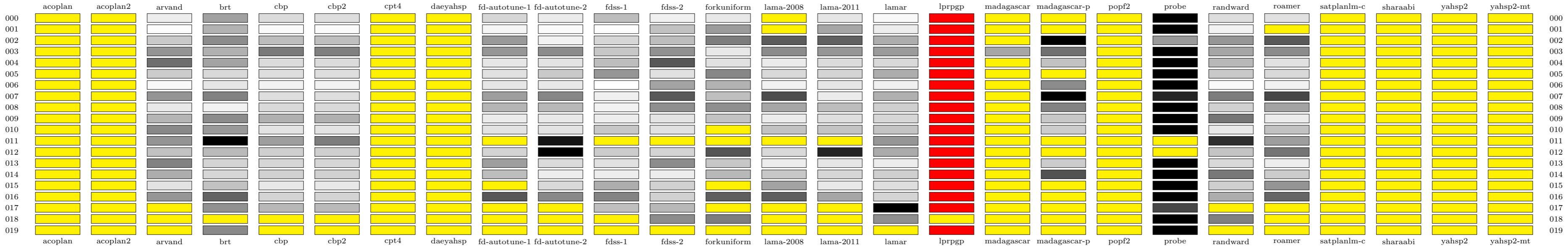
no.	acoplan	acoplan2	arvand	brt	cbp	cbp2	cpt4	daeyahsp	fd-autotune-1	fd-autotune-2	fdss-1	fdss-2	forkuniform	lama-2008	lama-2011	lamar	lprpgp	madagascar	madagascar-p	popf2	probe	randward	roamer	satplanlm-c	sharaabi	yahsp2	yahsp2-mt	best	
000	✖	✖	0.41	0.30	∅	∅	0.25	0.24	0.24	0.25	0.26	0.45	0.31	0.25	0.28	0.42	1.00	0.49	0.50	0.24	0.68	0.36	0.34	0.39	∅	0.77	0.48	1.00	
001	∅	∅	0.38	0.44	0.33	0.31	0.40	0.32	0.77	0.27	0.24	0.77	0.29	0.33	0.68	0.68	1.00	1.00	1.00	0.68	1.00	0.56	0.29	0.62	∅	1.00	1.00	0.00	
002	✖	✖	1.00	0.32	0.36	0.34	∅	0.25	0.34	0.56	0.24	0.62	0.29	0.31	0.32	0.28	1.00	1.00	1.00	1.00	1.00	0.37	0.43	0.50	∅	1.00	1.00	0.00	
003	✖	✖	0.36	0.35	∅	∅	∅	0.29	0.24	0.29	0.24	1.00	0.33	0.34	0.39	0.59	1.00	0.40	1.00	1.00	1.00	1.00	0.42	0.30	∅	1.00	1.00	0.00	
004	∅	∅	0.33	0.27	0.26	0.24	0.32	0.25	0.62	0.24	0.32	0.59	0.40	0.26	0.59	0.26	1.00	0.77	1.00	0.49	1.00	0.39	0.26	0.54	∅	1.00	1.00	0.00	
005	✖	✖	0.42	0.34	∅	∅	∅	0.25	0.25	0.24	0.24	0.44	0.33	0.24	0.25	0.29	0.62	0.56	0.56	0.24	0.25	0.27	0.27	∅	∅	0.77	1.00	1.00	
006	∅	∅	0.24	0.31	∅	∅	∅	0.25	0.53	0.24	0.25	0.51	0.51	0.47	0.51	0.47	1.00	0.68	0.68	0.40	0.62	0.49	0.48	0.45	∅	1.00	1.00	0.00	
007	✖	✖	0.34	0.27	∅	∅	∅	0.36	0.24	0.25	0.25	0.34	0.36	0.31	0.50	0.27	0.40	∅	0.56	0.24	0.24	0.27	0.24	∅	∅	1.00	0.54	1.00	
008	∅	∅	0.27	0.28	0.26	0.24	∅	0.50	0.77	0.28	0.24	0.68	0.24	0.77	0.27	0.77	0.77	0.28	1.00	0.77	1.00	0.31	0.32	∅	∅	1.00	1.00	0.00	
009	∅	∅	0.26	0.54	∅	∅	∅	0.31	0.77	0.25	0.68	0.54	0.48	0.62	0.56	0.68	1.00	0.25	1.00	0.54	1.00	0.51	0.59	∅	∅	0.37	0.38	1.00	
010	∅	∅	0.28	0.31	∅	∅	∅	0.24	0.59	0.35	0.24	0.40	0.32	0.54	0.29	0.56	0.59	∅	1.00	0.59	1.00	0.27	0.53	∅	∅	1.00	1.00	0.00	
011	∅	∅	0.51	0.68	∅	∅	∅	0.30	0.77	0.26	1.00	0.68	0.59	0.68	0.77	0.77	1.00	0.42	1.00	0.77	1.00	0.33	0.62	∅	∅	0.50	1.00	0.00	
012	✖	✖	0.54	0.77	0.28	0.26	∅	0.33	1.00	0.26	0.24	1.00	0.25	0.77	1.00	0.33	1.00	1.00	1.00	1.00	0.27	0.28	0.36	1.00	0.32	∅	1.00	1.00	0.00
013	∅	∅	0.31	0.46	∅	∅	∅	0.25	0.59	0.54	0.59	0.43	0.42	0.53	0.54	0.54	0.77	∅	1.00	0.43	0.77	0.43	0.49	∅	∅	0.30	0.32	1.00	
014	∅	∅	0.28	0.26	∅	∅	∅	0.24	0.35	0.36	0.24	0.30	0.27	0.44	0.26	0.59	0.50	∅	0.68	0.45	0.77	∅	0.47	∅	∅	1.00	1.00	0.00	
015	∅	∅	0.28	0.55	∅	∅	∅	0.27	0.70	0.56	0.68	0.46	0.44	0.64	0.66	0.66	1.00	∅	1.00	0.45	0.89	0.45	0.66	∅	∅	0.30	0.89	3.00	
016	∅	∅	0.25	0.24	∅	∅	∅	0.24	0.41	0.29	0.25	0.28	0.30	0.37	0.44	0.42	0.43	∅	0.51	0.38	0.59	∅	0.38	∅	∅	1.00	1.00	1.00	
017	∅	∅	0.37	0.38	∅	∅	∅	∅	0.44	∅	0.41	0.43	0.42	0.43	0.43	0.44	1.00	∅	0.41	∅	0.41	0.39	0.45	∅	∅	∅	∅	37.00	
018	∅	∅	0.60	0.58	∅	∅	∅	∅	0.58	∅	0.58	0.67	∅	0.59	0.68	1.00	∅	∅	∅	∅	0.62	0.65	0.59	∅	∅	0.78	∅	329.00	
019	∅	∅	0.68	0.58	∅	∅	∅	∅	0.61	∅	0.63	0.56	∅	0.67	1.00	0.57	∅	∅	∅	∅	0.58	0.87	0.67	0.60	∅	∅	0.56	∅	285.00
total	0.00	0.00	8.11	8.22	1.48	1.39	0.97	4.90	10.81	5.51	7.82	11.16	6.53	9.56	10.42	10.57	15.08	6.85	14.90	9.49	15.00	8.08	9.42	3.12	0.00	15.34	14.61		



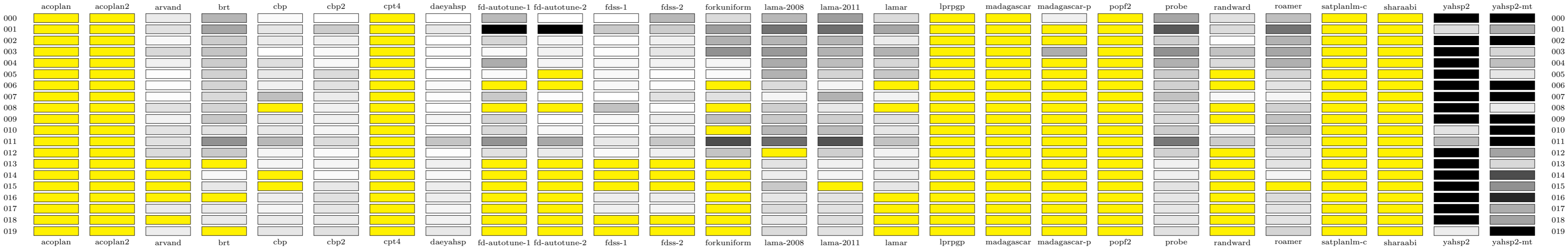
no.	acoplan	acoplan2	arvand	brt	cbp	cbp2	cpt4	daeyahsp	fd-autotune-1	fd-autotune-2	fdss-1	fdss-2	forkuniform	lama-2008	lama-2011	lamar	lprpgp	madagascar	madagascar-p	popf2	probe	randward	roamer	satplanlm-c	sharaabi	yahsp2	yahsp2-mt	best	
000	∅	∅	∅	∅	0.29	0.49	0.46	∅	∅	0.47	0.74	0.37	0.77	0.56	0.49	0.56	0.46	0.36	∅	∅	∅	1.00	0.56	0.48	∅	∅	✗	✗	7.00
001	∅	∅	∅	∅	0.29	0.61	0.68	∅	✗	0.42	0.43	0.37	1.00	0.52	0.51	0.77	0.53	0.32	∅	∅	∅	0.70	0.77	0.53	∅	∅	✗	✗	3.00
002	∅	∅	∅	∅	0.40	0.31	0.47	∅	✗	0.28	0.41	0.28	0.42	0.85	0.44	0.33	0.47	0.66	∅	∅	0.47	1.00	0.66	0.43	∅	∅	✗	✗	4.00
003	∅	∅	∅	∅	∅	0.40	0.35	∅	∅	0.68	0.38	0.46	1.00	0.53	0.54	0.55	0.52	0.39	∅	∅	∅	0.66	0.43	0.56	∅	∅	✗	✗	4.00
004	∅	∅	∅	∅	0.35	0.37	0.37	∅	∅	0.49	0.52	0.41	0.73	0.56	0.63	0.67	0.58	0.40	∅	∅	∅	1.00	0.70	0.62	∅	∅	✗	✗	26.00
005	∅	∅	∅	∅	∅	0.32	0.26	∅	✗	0.31	∅	0.25	1.00	0.45	0.35	0.29	0.41	0.36	∅	∅	∅	0.59	0.36	0.34	∅	∅	✗	✗	1.00
006	∅	∅	∅	∅	0.24	0.77	1.00	∅	✗	1.00	0.68	0.77	0.77	1.00	1.00	1.00	1.00	0.32	∅	0.43	0.38	0.62	0.68	1.00	∅	∅	✗	✗	0.00
007	∅	∅	∅	∅	0.31	∅	∅	∅	∅	0.39	0.33	0.47	0.69	1.00	0.45	0.33	∅	∅	∅	∅	∅	0.59	∅	0.44	∅	∅	✗	✗	10.00
008	∅	∅	∅	∅	∅	1.00	1.00	✗	✗	1.00	0.62	0.77	1.00	1.00	1.00	1.00	0.34	∅	∅	∅	0.38	0.77	1.00	1.00	∅	∅	✗	✗	0.00
009	∅	∅	∅	∅	0.28	∅	∅	∅	✗	0.32	0.30	0.31	0.35	0.32	0.53	0.64	0.41	0.30	∅	∅	∅	1.00	0.35	0.55	∅	∅	✗	✗	5.00
010	∅	∅	∅	∅	∅	∅	∅	∅	∅	0.83	0.42	1.00	0.98	0.50	0.53	0.48	0.61	∅	∅	∅	∅	0.49	0.63	0.93	∅	∅	✗	✗	49.00
011	∅	∅	∅	∅	∅	∅	0.44	∅	∅	1.00	0.51	0.47	0.67	0.60	0.75	0.58	0.69	∅	∅	∅	∅	0.62	0.87	0.69	∅	∅	✗	✗	90.00
012	∅	∅	∅	0.43	0.24	0.38	0.36	∅	✗	0.56	1.00	0.34	0.31	0.35	0.37	0.29	∅	∅	∅	∅	0.35	0.24	1.00	0.31	∅	∅	✗	✗	1.00
013	∅	∅	∅	∅	∅	0.54	0.53	∅	∅	0.39	0.85	0.56	0.94	1.00	0.63	0.60	0.54	∅	∅	∅	∅	0.78	0.65	0.64	∅	∅	✗	✗	29.00
014	∅	∅	∅	∅	∅	∅	∅	∅	∅	0.51	0.51	0.76	0.76	0.64	1.00	0.56	0.99	∅	∅	∅	∅	0.72	0.86	0.73	∅	∅	✗	✗	186.00
015	✗	✗	0.35	∅	0.41	0.29	∅	✗	0.27	0.70	0.41	0.66	∅	∅	0.36	0.64	0.52	∅	1.00	0.42	∅	∅	∅	∅	∅	∅	✗	✗	3.00
016	∅	∅	∅	∅	∅	∅	∅	∅	∅	0.54	∅	0.47	0.42	1.00	∅	0.43	∅	∅	∅	∅	∅	0.42	0.63	0.44	∅	∅	✗	✗	20.00
017	∅	∅	∅	∅	∅	∅	∅	∅	∅	0.64	∅	0.80	0.47	1.00	∅	0.47	∅	∅	∅	∅	∅	0.57	∅	∅	∅	∅	✗	✗	133.00
018	∅	∅	∅	∅	∅	∅	∅	∅	∅	0.54	0.39	0.52	0.39	0.53	∅	0.43	∅	∅	∅	∅	∅	∅	1.00	∅	∅	∅	✗	✗	46.00
019	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅
total	0.00	0.00	0.78	2.41	5.60	6.22	0.00	0.00	10.63	8.80	9.81	13.31	12.41	9.22	10.35	8.87	3.95	0.00	1.43	2.00	11.76	11.15	9.69	0.00	0.00	0.00	0.00		



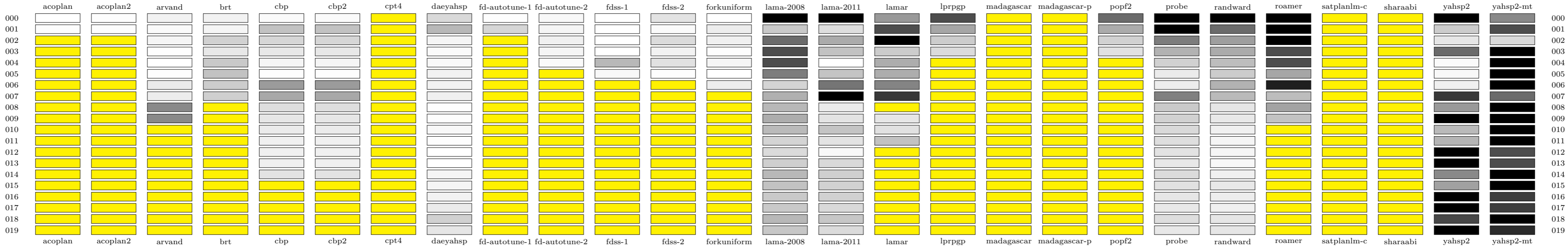
no.	acoplan	acoplan2	arvand	brt	cbp	cbp2	cpt4	daeyahsp	fd-autotune-1	fd-autotune-2	fdss-1	fdss-2	forkuniform	lama-2008	lama-2011	lamar	lprpgp	madagascar	madagascar-p	popf2	probe	randward	roamer	satplanlm-c	sharaabi	yahsp2	yahsp2-mt	best
000	∅	∅	0.32	0.54	0.37	0.37	∅	∅	0.39	0.33	0.46	0.31	0.34	∅	0.34	0.29	✖	∅	∅	∅	1.00	0.37	0.36	∅	∅	∅	∅	6.00
001	∅	∅	0.28	0.49	0.28	0.28	∅	∅	0.30	0.29	0.28	0.44	0.55	∅	0.52	0.32	✖	∅	∅	∅	1.00	0.31	∅	∅	∅	∅	∅	4.00
002	∅	∅	0.42	0.60	0.46	0.45	∅	∅	0.56	0.31	0.39	0.46	0.64	0.73	0.72	0.51	✖	∅	1.00	∅	0.56	0.57	0.74	∅	∅	∅	∅	10.00
003	∅	∅	0.57	0.49	0.65	0.64	∅	∅	0.57	0.60	0.43	0.58	0.34	0.60	0.57	0.55	✖	0.53	0.68	∅	1.00	0.52	0.60	∅	∅	∅	∅	4.00
004	∅	∅	0.68	0.53	0.37	0.37	∅	∅	0.34	0.35	0.46	0.75	0.36	0.32	0.37	0.38	✖	∅	0.44	∅	1.00	0.47	0.36	∅	∅	∅	∅	12.00
005	∅	∅	0.41	0.38	0.36	0.36	∅	∅	0.36	0.42	0.57	0.36	0.61	0.38	0.40	0.50	✖	∅	∅	∅	1.00	0.43	0.38	∅	∅	∅	∅	25.00
006	∅	∅	0.29	0.34	0.30	0.30	∅	∅	0.34	0.33	0.27	0.53	0.49	0.31	0.34	0.32	✖	∅	0.60	∅	1.00	0.28	0.31	∅	∅	∅	∅	3.00
007	∅	∅	0.58	0.63	0.37	0.36	∅	∅	0.55	0.61	0.31	0.74	0.45	0.78	0.33	0.49	✖	∅	1.00	∅	0.90	0.64	0.80	∅	∅	∅	∅	10.00
008	∅	∅	0.34	0.31	0.38	0.38	∅	∅	0.48	0.47	0.30	0.59	0.59	0.53	0.46	0.41	✖	∅	0.62	∅	1.00	0.40	0.53	∅	∅	∅	∅	8.00
009	∅	∅	0.48	0.60	0.50	0.50	∅	∅	0.33	0.34	0.32	0.35	0.44	0.33	0.36	0.38	✖	∅	0.43	∅	1.00	0.66	0.33	∅	∅	∅	∅	13.00
010	∅	∅	0.60	0.56	0.35	0.35	∅	∅	0.35	0.35	0.43	0.36	∅	0.44	0.44	0.44	✖	∅	0.42	∅	1.00	0.33	0.44	∅	∅	∅	∅	14.00
011	∅	∅	0.57	1.00	0.55	0.64	∅	∅	∅	0.95	∅	∅	∅	∅	∅	0.57	✖	∅	∅	∅	∅	0.87	0.55	∅	∅	∅	∅	266.00
012	∅	∅	0.44	0.47	0.41	0.41	∅	∅	0.39	1.00	0.41	0.39	0.76	0.38	0.90	0.51	✖	∅	∅	∅	∅	0.44	0.66	∅	∅	∅	∅	39.00
013	∅	∅	0.62	0.40	0.39	0.38	∅	∅	0.55	0.37	0.36	0.60	0.43	0.32	0.34	0.32	✖	∅	0.42	∅	1.00	0.38	0.32	∅	∅	∅	∅	13.00
014	∅	∅	0.50	0.38	0.40	0.40	∅	∅	0.46	0.32	0.32	0.32	0.47	0.43	0.39	0.41	✖	∅	0.77	∅	1.00	0.66	0.42	∅	∅	∅	∅	12.00
015	∅	∅	0.35	0.44	0.34	0.34	∅	∅	∅	0.38	0.50	0.40	∅	0.53	0.33	0.36	✖	∅	∅	∅	1.00	0.41	0.58	∅	∅	∅	∅	17.00
016	∅	∅	0.57	0.72	0.39	0.39	∅	∅	0.75	0.61	0.62	0.40	0.73	0.73	0.52	0.39	✖	∅	∅	∅	1.00	0.50	0.71	∅	∅	∅	∅	28.00
017	∅	∅	∅	0.58	0.47	0.47	∅	∅	∅	∅	0.45	0.47	∅	∅	∅	1.00	✖	∅	∅	∅	0.79	∅	∅	∅	∅	∅	∅	88.00
018	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	0.60	0.65	∅	∅	0.59	∅	∅	∅	∅	1.00	0.63	∅	∅	∅	∅	∅	348.00
019	∅	∅	∅	0.60	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	∅	✖	∅	∅	∅	1.00	∅	∅	∅	∅	∅	∅	339.00
total	0.00	0.00	8.04	10.07	7.34	7.40	0.00	0.00	6.71	8.02	6.89	8.66	7.86	6.82	7.34	8.76	0.00	0.53	6.38	0.00	17.25	8.87	8.08	0.00	0.00	0.00	0.00	



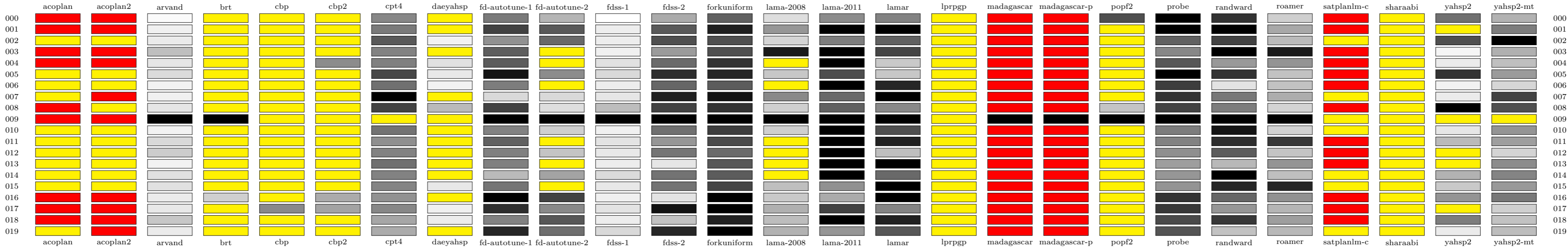
no.	acoplan	acoplan2	arvand	brt	cbp	cbp2	cpt4	daeyahsp	fd-autotune-1	fd-autotune-2	fdss-1	fdss-2	forkuniform	lama-2008	lama-2011	lamar	lprpgp	madagascar	madagascar-p	popf2	probe	randward	roamer	satplanlm-c	sharaabi	yahsp2	yahsp2-mt	best
000	∅	∅	0.30	0.46	0.25	0.24	∅	0.24	0.44	0.24	0.24	0.45	0.34	0.45	0.53	0.34	∅	∅	0.28	∅	0.50	0.33	0.43	∅	∅	1.00	1.00	0.00
001	∅	∅	0.33	0.50	0.31	0.39	∅	0.30	1.00	1.00	0.40	0.39	0.53	0.66	0.67	0.50	∅	∅	∅	∅	0.73	0.34	0.66	∅	∅	0.33	0.48	9.00
002	∅	∅	0.26	0.39	0.30	0.28	∅	0.24	0.36	0.27	0.25	0.28	0.47	0.46	0.46	0.30	∅	∅	∅	∅	0.38	0.24	0.47	∅	∅	1.00	1.00	0.00
003	∅	∅	0.35	0.41	0.24	0.25	∅	0.25	0.26	0.28	0.25	0.31	0.56	0.54	0.47	0.47	∅	∅	0.48	∅	0.56	0.42	0.50	∅	∅	1.00	0.36	1.00
004	∅	∅	0.28	0.39	0.34	0.26	∅	0.24	0.48	0.27	0.26	0.28	0.27	0.49	0.44	0.36	∅	∅	∅	∅	0.47	0.34	0.47	∅	∅	1.00	0.43	0.00
005	∅	∅	0.25	0.38	0.31	0.34	∅	0.24	0.25	∅	0.26	0.25	0.25	0.47	0.36	0.41	∅	∅	∅	∅	0.39	∅	0.36	∅	∅	1.00	0.32	0.00
006	∅	∅	0.25	0.37	0.28	0.33	∅	0.25	∅	∅	0.26	0.25	∅	0.35	0.26	∅	∅	∅	∅	∅	0.38	∅	0.32	∅	∅	1.00	1.00	1.00
007	∅	∅	0.24	0.35	0.43	0.29	∅	0.24	0.40	0.24	0.24	0.33	0.33	0.27	0.47	0.27	∅	∅	∅	∅	0.42	0.26	0.26	∅	∅	1.00	1.00	0.00
008	∅	∅	0.33	0.36	∅	0.28	∅	0.25	∅	∅	0.42	0.25	∅	0.38	0.31	∅	∅	∅	∅	∅	0.37	∅	0.38	∅	∅	1.00	0.30	1.00
009	∅	∅	0.27	0.40	0.32	0.28	∅	0.27	0.37	0.25	0.26	0.29	0.43	0.40	0.38	0.33	∅	∅	∅	∅	0.35	∅	0.42	∅	∅	1.00	1.00	0.00
010	∅	∅	0.32	0.32	0.31	0.27	∅	0.24	0.35	0.26	0.24	0.28	∅	0.45	0.43	0.32	∅	∅	∅	∅	0.39	0.27	0.44	∅	∅	0.32	1.00	1.00
011	∅	∅	0.33	0.56	0.45	0.34	∅	0.41	0.56	0.50	0.31	0.41	0.77	0.67	0.75	0.42	∅	∅	∅	∅	0.64	0.39	0.37	∅	∅	0.44	1.00	9.00
012	∅	∅	0.35	0.40	0.27	0.25	∅	0.24	0.33	0.30	0.25	0.28	0.41	∅	0.38	0.28	∅	∅	∅	∅	0.38	∅	0.33	∅	∅	1.00	0.51	1.00
013	∅	∅	∅	∅	0.27	0.26	∅	0.28	∅	∅	∅	∅	∅	0.32	0.29	0.29	∅	∅	∅	∅	0.28	∅	0.32	∅	∅	1.00	0.35	2.00
014	∅	∅	∅	0.26	∅	0.25	∅	0.26	∅	∅	∅	∅	∅	0.29	0.27	0.29	∅	∅	∅	∅	0.28	∅	0.27	∅	∅	1.00	0.77	2.00
015	∅	∅	∅	0.31	∅	0.30	∅	0.29	∅	∅	∅	∅	∅	0.39	∅	0.31	∅	∅	∅	∅	0.32	∅	∅	∅	∅	1.00	0.57	6.00
016	∅	∅	∅	∅	0.29	0.33	∅	0.29	∅	∅	0.29	0.29	∅	0.31	0.32	∅	∅	∅	∅	∅	0.31	∅	0.35	∅	∅	1.00	0.89	6.00
017	∅	∅	0.30	0.30	0.27	0.31	∅	0.26	∅	∅	0.28	0.27	∅	0.34	0.33	∅	∅	∅	∅	∅	0.31	∅	0.32	∅	∅	1.00	0.48	3.00
018	∅	∅	∅	0.30	0.30	0.30	∅	0.28	∅	∅	∅	∅	∅	0.30	0.34	∅	∅	∅	∅	∅	0.31	∅	0.32	∅	∅	1.00	0.51	4.00
019	∅	∅	0.29	∅	0.31	0.32	∅	0.30	∅	∅	∅	∅	∅	0.34	0.33	∅	∅	∅	∅	∅	0.33	∅	0.37	∅	∅	0.29	1.00	6.00
total	0.00	0.00	4.44	6.46	5.24	5.90	0.00	5.37	4.80	3.60	4.19	4.58	4.36	7.88	7.79	4.87	0.00	0.00	0.76	0.00	8.11	2.60	7.36	0.00	0.00	17.39	13.96	



no.	acoplan	acoplan2	arvand	brt	cbp	cbp2	cpt4	daeyahsp	fd-autotune-1	fd-autotune-2	fdss-1	fdss-2	forkuniform	lama-2008	lama-2011	lamar	lprpgp	madagascar	madagascar-p	popf2	probe	randward	roamer	satplanlm-c	sharaabi	yahsp2	yahsp2-mt	best
000	0.24	0.24	0.27	0.28	0.25	0.25	∅	0.35	0.24	0.26	0.24	0.32	0.24	1.00	1.00	0.54	0.77	∅	∅	0.68	1.00	1.00	1.00	∅	∅	1.00	0.59	0.00
001	0.24	0.24	0.25	0.27	0.42	0.42	∅	0.45	0.36	0.27	0.24	0.25	0.29	0.40	0.33	0.77	0.50	∅	∅	0.49	1.00	0.68	1.00	∅	∅	0.39	0.77	1.00
002	∅	∅	0.26	0.37	0.35	0.35	∅	0.26	∅	0.28	0.24	0.34	0.28	0.68	0.49	1.00	0.39	∅	∅	0.37	0.62	0.53	1.00	∅	∅	0.31	0.35	1.00
003	∅	∅	0.24	0.30	0.30	0.30	∅	0.25	∅	0.26	0.24	0.27	0.24	0.77	0.42	0.39	0.35	∅	∅	0.33	0.47	0.49	0.77	∅	∅	0.68	1.00	0.00
004	∅	∅	0.24	0.40	0.27	0.27	∅	0.26	∅	0.25	0.45	0.33	0.27	0.77	0.24	0.48	∅	∅	∅	∅	0.37	0.43	0.77	∅	∅	0.25	1.00	1.00
005	∅	∅	0.25	0.42	0.24	0.24	∅	0.28	∅	∅	0.26	0.24	0.24	0.62	0.41	0.48	∅	∅	∅	∅	0.30	0.39	0.50	∅	∅	0.26	1.00	0.00
006	∅	∅	0.29	0.39	0.53	0.53	∅	0.27	∅	∅	∅	∅	0.29	0.36	0.65	0.60	∅	∅	∅	∅	0.29	0.46	0.91	∅	∅	0.28	1.00	4.00
007	∅	∅	0.29	0.38	0.49	0.49	∅	0.28	∅	∅	∅	∅	∅	0.47	1.00	0.83	∅	∅	∅	∅	0.62	0.44	0.43	∅	∅	0.83	0.68	5.00
008	∅	∅	0.59	∅	0.34	0.34	∅	0.24	∅	∅	∅	∅	∅	0.45	0.29	∅	∅	∅	∅	∅	0.40	0.31	0.51	∅	∅	0.54	1.00	1.00
009	∅	∅	0.59	∅	0.31	0.31	∅	0.24	∅	0.59	∅	∅	∅	0.48	0.32	0.31	∅	∅	∅	∅	0.37	0.30	0.42	∅	∅	1.00	1.00	0.00
010	∅	∅	∅	∅	0.30	0.30	∅	0.26	∅	∅	∅	∅	∅	0.44	0.41	0.33	∅	∅	∅	∅	0.35	0.28	∅	∅	∅	0.44	1.00	0.00
011	∅	∅	∅	∅	0.28	0.28	∅	0.24	∅	∅	∅	∅	∅	0.37	0.32	0.42	∅	∅	∅	∅	0.33	0.27	∅	∅	∅	0.45	1.00	1.00
012	∅	∅	∅	∅	0.28	0.28	∅	0.24	∅	∅	∅	∅	∅	0.34	0.26	∅	∅	∅	∅	∅	0.32	0.27	∅	∅	∅	1.00	0.77	1.00
013	∅	∅	∅	∅	0.28	0.28	∅	0.24	∅	∅	∅	∅	∅	0.38	0.35	∅	∅	∅	∅	∅	0.30	0.26	∅	∅	∅	1.00	0.77	1.00
014	∅	∅	∅	∅	0.32	0.32	∅	0.27	∅	∅	∅	∅	∅	0.45	0.38	∅	∅	∅	∅	∅	0.34	0.28	∅	∅	∅	0.59	1.00	3.00
015	∅	∅	∅	∅	∅	∅	∅	0.27	∅	∅	∅	∅	∅	0.42	0.37	∅	∅	∅	∅	∅	0.33	0.30	∅	∅	∅	0.52	1.00	3.00
016	∅	∅	∅	∅	∅	∅	∅	0.27	∅	∅	∅	∅	∅	0.40	0.37	∅	∅	∅	∅	∅	0.31	0.29	∅	∅	∅	1.00	0.82	3.00
017	∅	∅	∅	∅	∅	∅	∅	0.30	∅	∅	∅	∅	∅	0.39	0.35	∅	∅	∅	∅	∅	0.30	0.28	∅	∅	∅	1.00	0.82	3.00
018	∅	∅	∅	∅	∅	∅	∅	0.37	∅	∅	∅	∅	∅	0.45	0.40	∅	∅	∅	∅	∅	0.34	0.31	∅	∅	∅	0.79	1.00	8.00
019	∅	∅	∅	∅	∅	∅	∅	0.31	∅	∅	∅	∅	∅	0.40	0.34	∅	∅	∅	∅	∅	0.30	0.31	∅	∅	∅	1.00	0.87	5.00
total	0.48	0.48	3.27	2.80	4.97	4.97	0.00	5.65	0.60	1.32	1.66	1.75	1.84	10.05	8.72	6.15	2.00	0.00	0.00	1.87	8.66	7.89	7.31	0.00	0.00	13.33	17.43	



no.	acoplan	acoplan2	arvand	brt	cbp	cbp2	cpt4	daeyahsp	fd-autotune-1	fd-autotune-2	fdss-1	fdss-2	forkuniform	lama-2008	lama-2011	lamar	lprpgp	madagascar	madagascar-p	popf2	probe	randward	roamer	satplanlm-c	sharaabi	yahsp2	yahsp2-mt	best
000	✖	✖	0.27	∅	∅	∅	0.60	∅	0.65	0.48	0.26	0.51	0.72	0.35	0.59	0.62	∅	✖	✖	0.77	1.00	0.85	0.40	✖	∅	0.68	0.48	2.00
001	✖	✖	0.30	∅	∅	∅	0.65	∅	0.80	0.74	0.31	0.74	0.91	0.56	1.00	1.00	∅	✖	✖	∅	1.00	1.00	0.51	✖	∅	∅	0.64	4.00
002	∅	∅	0.32	∅	∅	∅	0.74	0.29	0.57	0.69	0.31	0.77	0.77	0.38	0.64	0.72	∅	✖	✖	∅	0.72	0.80	0.46	∅	∅	0.77	1.00	4.00
003	✖	✖	0.45	∅	∅	∅	0.62	∅	0.72	∅	0.30	0.55	0.77	0.93	1.00	0.80	∅	✖	✖	∅	0.61	1.00	0.93	✖	∅	0.29	0.49	5.00
004	✖	✖	0.33	∅	∅	0.59	0.63	0.35	0.73	∅	0.35	0.69	0.85	∅	1.00	0.41	∅	✖	✖	∅	0.75	0.55	0.57	✖	∅	0.32	0.45	6.00
005	∅	∅	0.36	∅	∅	∅	0.79	0.33	0.94	0.59	0.37	0.87	0.89	0.42	0.78	0.42	∅	✖	✖	∅	1.00	0.85	0.44	✖	∅	0.85	0.55	12.00
006	∅	∅	0.29	∅	∅	∅	0.68	0.29	0.64	∅	0.31	0.70	0.73	∅	1.00	0.89	∅	✖	✖	∅	0.82	0.34	0.44	✖	∅	0.30	0.38	3.00
007	∅	✖	0.30	∅	∅	∅	1.00	∅	0.37	0.37	0.33	0.91	0.95	0.60	0.69	1.00	∅	✖	✖	∅	0.85	0.65	0.50	∅	∅	0.31	0.80	8.00
008	✖	✖	0.33	∅	∅	∅	0.80	0.46	0.80	0.36	0.45	0.80	0.85	0.40	0.72	0.60	∅	✖	✖	0.43	0.80	0.64	0.39	✖	∅	1.00	0.77	4.00
009	✖	✖	1.00	1.00	∅	∅	∅	∅	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	∅	1.00	1.00	1.00	1.00	1.00	1.00	∅	∅	∅	∅	0.00
010	∅	∅	0.30	∅	∅	∅	0.67	∅	0.62	0.40	0.31	0.68	0.82	0.40	1.00	0.77	∅	✖	✖	∅	0.64	0.94	0.39	∅	∅	0.34	0.57	6.00
011	∅	∅	0.37	∅	∅	∅	0.58	∅	0.72	∅	0.34	0.57	0.79	∅	1.00	0.90	∅	✖	✖	∅	0.62	0.87	0.84	✖	∅	0.46	0.54	7.00
012	∅	∅	0.40	∅	∅	∅	0.62	∅	0.63	0.43	0.33	0.66	0.69	∅	1.00	0.44	∅	✖	✖	∅	0.58	0.73	0.43	✖	∅	∅	0.38	6.00
013	∅	∅	0.29	∅	∅	∅	0.68	∅	0.63	∅	0.31	0.34	0.75	∅	1.00	1.00	∅	✖	✖	∅	0.54	0.47	0.57	✖	∅	∅	0.59	6.00
014	∅	∅	0.35	∅	∅	∅	0.62	∅	0.46	0.52	0.37	0.66	0.73	∅	1.00	0.70	∅	✖	✖	∅	0.56	1.00	0.44	∅	∅	0.48	0.62	10.00
015	∅	∅	0.35	∅	∅	∅	0.62	0.32	0.66	∅	0.32	0.66	0.80	0.44	0.58	1.00	∅	✖	✖	∅	0.57	0.89	0.89	∅	∅	0.41	0.56	9.00
016	✖	✖	0.32	0.40	∅	0.51	0.57	∅	1.00	0.80	0.30	0.34	1.00	0.41	0.50	1.00	∅	✖	✖	∅	0.85	0.70	0.57	✖	∅	0.57	0.65	8.00
017	✖	✖	0.33	∅	0.60	0.53	0.61	0.30	0.87	0.60	0.34	0.95	1.00	0.49	0.81	0.61	∅	✖	✖	∅	0.84	0.57	0.47	✖	∅	∅	0.40	7.00
018	✖	✖	0.42	∅	∅	∅	0.52	0.31	0.62	0.75	0.31	0.43	0.90	0.45	1.00	0.90	∅	✖	✖	∅	0.79	0.84	0.54	✖	∅	0.64	0.44	7.00
019	∅	✖	0.32	∅	∅	∅	0.50	∅	0.89	0.68	0.37	0.89	1.00	0.48	0.56	0.75	∅	✖	✖	∅	0.76	0.44	0.47	∅	∅	0.31	0.45	12.00
total	0.00	0.00	7.40	1.40	0.60	1.63	12.51	2.66	14.33	8.42	7.29	13.71	16.92	7.31	16.86	15.53	0.00	1.00	1.00	2.20	15.29	15.12	11.23	0.00	0.00	7.73	10.74	



planner	pegsol	parcprinter	scanalyzer	woodworking	nomystery	elevators	openstacks	sokoban	parking	tidybot	transport	visitall	barman	floortile	total
lama-2011	11.33	19.77	10.42	16.86	6.41	17.15	11.98	10.35	10.99	7.34	7.79	8.72	13.99	2.17	155.27
probe	10.35	12.65	15.00	15.29	2.45	11.55	5.71	11.76	14.22	17.25	8.11	8.66	18.59	3.15	154.74
fdss-2	16.74	17.98	11.16	13.71	7.74	14.12	7.83	13.31	10.35	8.66	4.58	1.75	5.99	3.35	137.26
fd-autotune-1	8.77	18.60	10.81	14.33	6.23	15.45	12.18	10.63	8.98	6.71	4.80	0.60	8.77	2.74	129.59
roamer	10.00	2.98	9.42	11.23	8.31	11.63	10.09	9.69	11.08	8.08	7.36	7.31	10.69	0.94	118.81
lamar	10.91	1.34	10.57	15.53	10.31	6.45	10.96	8.87	16.10	8.76	4.87	6.15	3.96	0.91	115.68
forkuniform	11.42	9.93	6.53	16.92	6.75	11.49	10.20	12.41	10.13	7.86	4.36	1.84	1.73	2.08	113.67
fd-autotune-2	11.85	10.93	5.51	8.42	11.84	12.08	10.11	8.80	4.04	8.02	3.60	1.32	1.61	5.71	103.84
randward	14.13	0.47	8.08	15.12	6.45	3.72	9.13	11.15	13.10	8.87	2.60	7.89	1.00	0.68	102.40
yahsp2-mt	14.53	11.47	14.61	10.74	7.03	0.00	0.00	0.00	2.40	0.00	13.96	17.43	4.31	5.58	102.07
lama-2008	12.24	0.62	9.56	7.31	10.13	2.98	9.77	9.22	10.35	6.82	7.88	10.05	3.19	1.63	101.76
fdss-1	7.47	12.75	7.82	7.29	6.24	8.32	8.00	9.81	8.81	6.89	4.19	1.66	8.72	1.66	99.63
yahsp2	13.21	19.68	15.34	7.73	4.46	0.00	0.00	0.00	3.92	0.00	17.39	13.33	2.02	2.40	99.48
madagascar-p	19.17	20.00	14.90	1.00	14.27	0.00	0.00	1.43	0.00	6.38	0.76	0.00	0.00	0.00	77.91
arvand	12.63	5.80	8.11	7.40	9.23	8.07	7.23	0.78	1.65	8.04	4.44	3.27	0.00	0.80	77.46
brt	8.75	3.22	8.22	1.40	2.72	12.72	1.84	2.41	4.13	10.07	6.46	2.80	8.03	1.63	74.38
lprpgp	11.69	6.54	15.08	0.00	4.35	9.92	13.91	3.95	4.06	0.00	0.00	2.00	0.59	0.58	72.68
cbp2	8.70	2.70	1.39	1.63	2.66	5.99	12.37	6.22	0.00	7.40	5.90	4.97	0.00	0.00	59.92
cbp	8.15	2.74	1.48	0.60	3.10	4.62	13.01	5.60	0.00	7.34	5.24	4.97	0.00	0.00	56.84
madagascar	7.04	20.00	6.85	1.00	13.10	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.00	48.52
daeyahsp	6.49	9.68	4.90	2.66	4.73	0.00	0.00	0.00	0.00	0.00	5.37	5.65	2.12	2.17	43.76
popf2	6.29	9.93	9.49	2.20	3.65	4.02	0.00	2.00	2.15	0.00	0.00	1.87	0.00	0.35	41.93
cpt4	0.31	9.26	0.97	12.51	9.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.41
satplanlm-c	1.67	9.66	3.12	0.00	2.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.58
sharaabi	6.22	4.44	0.00	0.00	0.00	0.27	2.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.91
acoplan	8.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	9.05
acoplan2	7.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	8.12
total	266.29	243.11	209.34	190.88	163.67	160.54	157.30	138.39	136.45	135.00	119.67	113.21	95.30	38.53	

