## Results

May 9, 2024

## 1 Tables of Friedman, Bonferroni-Dunn, Holm, Hochberg and Hommel Tests

Table 1: Average Rankings of the algorithms

Algorithm

Algorithm

Algorithm	Ranking
CRSPT	2.38
—DeepMARL-MR Prioritized (S)-model-5	3.59
—DeepMARL-MR (S)-model-4	4.21
$\operatorname{SPT}$	4.81
—DeepMARL-AS (8 rules) (GDT)-model-0	5.24
—DeepMARL-AS (Beefy)-model-7	6.49
—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	6.73
LWRK	7.17
—DeepMARL-AS (8 rules) Prioritized (S)-model-3	8.11
—DeepMARL-AS (8 rules) (S)-model-1	8.58
$\overline{\mathrm{MS}}$	10.09
$\operatorname{WINQ}$	10.62

Friedman statistic considering reduction performance (distributed according to chi-square with 11 degrees of freedom: 1671.4728205128083. P-value computed by Friedman Test: 0.0.

Iman and Davenport statistic considering reduction performance (distributed according to F-distribution with 11 and 3289 degrees of freedom: 306.88488324198727. P-value computed by Iman and Daveport Test: 2.220446049250313E-16.

Table 2: Holm / Hochberg Table for  $\alpha = 0.05$ 

i	algorithm	$z = (R_0 - R_i)/SE$	p	Holm/Hochberg/Hommel
11	WINQ	27.97856551371287	2.962603460225532E-172	0.004545454545454546
10	MS	26.189567799764497	3.493880774457326E-151	0.005
9	—DeepMARL-AS (8 rules) (S)-model-1	21.07167560543091	1.4471874290747004E-98	0.00555555555555556
8	—DeepMARL-AS (8 rules) Prioritized (S)-model-3	19.452519446604125	2.7745761202980874E-84	0.00625
7	LWRK	16.259498210316366	1.9129822757584764E-59	0.0071428571428571435
6	—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	14.77621529558693	2.085609981452213E-49	0.008333333333333333
5	—DeepMARL-AS (Beefy)-model-7	13.949653060661385	3.1613947775814485E-44	0.01
4	—DeepMARL-AS (8 rules) (GDT)-model-0	9.714936952960603	2.6041013258025245E-22	0.0125
3	SPT	8.24297680857262	1.6797814098869758E-16	0.016666666666666666
2	—DeepMARL-MR (S)-model-4	6.204878147112357	5.473929939087479E-10	0.025
1	—DeepMARL-MR Prioritized (S)-model-5	4.098842863603422	4.1522080403999844E-5	0.05

Table 3: Holm / Hochberg Table for  $\alpha = 0.10$ 

i	algorithm	$z = (R_0 - R_i)/SE$	p	Holm/Hochberg/Hommel
11	WINQ	27.97856551371287	2.962603460225532E-172	0.009090909090909092
10	MS	26.189567799764497	3.493880774457326E-151	0.01
9	—DeepMARL-AS (8 rules) (S)-model-1	21.07167560543091	1.4471874290747004E-98	0.011111111111111111111111111111111111
8	—DeepMARL-AS (8 rules) Prioritized (S)-model-3	19.452519446604125	2.7745761202980874E-84	0.0125
7	LWRK	16.259498210316366	1.9129822757584764E-59	0.014285714285714287
6	—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	14.77621529558693	2.085609981452213E-49	0.01666666666666666
5	—DeepMARL-AS (Beefy)-model-7	13.949653060661385	3.1613947775814485E-44	0.02
4	—DeepMARL-AS (8 rules) (GDT)-model-0	9.714936952960603	2.6041013258025245E-22	0.025
3	SPT	8.24297680857262	1.6797814098869758E-16	0.03333333333333333
2	—DeepMARL-MR (S)-model-4	6.204878147112357	5.473929939087479E-10	0.05
1	—DeepMARL-MR Prioritized (S)-model-5	4.098842863603422	4.1522080403999844E-5	0.1

Table 4: Adjusted p-values

i	algorithm	unadjusted $p$	$p_{Bonf}$	$p_{Holm}$	$p_{Hoch}$	$p_{Homm}$
1	WINQ	2.962603460225532E-172	3.258863806248085E-171	3.258863806248085E-171	3.258863806248085E-171	3.258863806248085E-171
2	MS	3.493880774457326E-151	3.8432688519030586E-150	3.4938807744573264E-150	3.4938807744573264E-150	3.4938807744573264E-150
3	—DeepMARL-AS (8 rules) (S)-model-1	1.4471874290747004E-98	1.5919061719821706E-97	1.3024686861672305E-97	1.3024686861672305E-97	1.3024686861672305E-97
4	—DeepMARL-AS (8 rules) Prioritized (S)-model-3	2.7745761202980874E-84	3.0520337323278962E-83	2.21966089623847E-83	2.21966089623847E-83	2.21966089623847E-83
5	LWRK	1.9129822757584764E-59	2.1042805033343242E-58	1.3390875930309335E-58	1.3390875930309335E-58	1.3390875930309335E-58
6	—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	2.085609981452213E-49	2.2941709795974345E-48	1.2513659888713278E-48	1.2513659888713278E-48	1.2513659888713278E-48
7	—DeepMARL-AS (Beefy)-model-7	3.1613947775814485E-44	3.4775342553395933E-43	1.5806973887907242E-43	1.5806973887907242E-43	1.5806973887907242E-43
8	—DeepMARL-AS (8 rules) (GDT)-model-0	2.6041013258025245E-22	2.864511458382777E-21	1.0416405303210098E-21	1.0416405303210098E-21	1.0416405303210098E-21
9	SPT	1.6797814098869758E-16	1.8477595508756734E-15	5.039344229660927E-16	5.039344229660927E-16	5.039344229660927E-16
10	—DeepMARL-MR (S)-model-4	5.473929939087479E-10	6.0213229329962265E-9	1.0947859878174958E-9	1.0947859878174958E-9	1.0947859878174958E-9
11	—DeepMARL-MR Prioritized (S)-model-5	4.1522080403999844E-5	4.567428844439983E-4	4.1522080403999844E-5	4.1522080403999844E-5	4.1522080403999844E-5

## Table 5: Holm / Shaffer Table for $\alpha=0.05$

i	algorithms	$z = (R_0 - R_i)/SE$	p	Holm	Shaffer
66	CRSPT vs. WINQ	27.97856551371287	2.962603460225532E-172	7.575757575757576E-4	7.575757575757576E-4
65	CRSPT vs. MS	26.189567799764497	3.493880774457326E-151	7.692307692307692E-4	9.090909090909091E-4
64	—DeepMARL-MR Prioritized (S)-model-5 vs. WINQ	23.87972265010945	4.9757581244479696E-126	7.8125E-4	9.090909090909091E-4
63	—DeepMARL-MR Prioritized (S)-model-5 vs. MS	22.090724936161074	3.8811750949767075E-108	7.936507936507937E-4	9.0909090909091E-4
62	—DeepMARL-MR (S)-model-4 vs. WINQ	21.773687366600512	4.121067052782224E-105	8.064516129032258E-4	9.090909090909091E-4
61	CRSPT vs. —DeepMARL-AS (8 rules) (S)-model-1	21.07167560543091	1.4471874290747004E-98	8.19672131147541E-4	9.090909090909091E-4
60	—DeepMARL-MR (S)-model-4 vs. MS	19.98468965265214	7.48511854269219E-89	8.33333333333334E-4	9.090909090909091E-4
59	SPT vs. WINQ	19.73558870514025	1.066968205209761E-86	8.474576271186442E-4	9.090909090909091E-4
58	CRSPT vs. —DeepMARL-AS (8 rules) Prioritized (S)-model-3	19.452519446604125	2.7745761202980874E-84	8.620689655172415E-4	9.090909090909091E-4
57	—DeepMARL-AS (8 rules) (GDT)-model-0 vs. WINQ	18.263628560752267	1.6121263764696985E-74	8.771929824561404E-4	9.090909090909091E-4
56	SPT vs. MS	17.946590991191876	5.102802922815227E-72	8.928571428571429E-4	9.090909090909091E-4
55	—DeepMARL-MR Prioritized (S)-model-5 vs. —DeepMARL-AS (8 rules) (S)-model-1	16.972832741827492	1.3048306912228623E-64	9.090909090909091E-4	9.090909090909091E-4
54	—DeepMARL-AS (8 rules) (GDT)-model-0 vs. MS	16.474630846803894	5.582829897620006E-61	9.25925925925926E-4	0.0010869565217391304
53	CRSPT vs. LWRK	16.259498210316366	1.9129822757584764E-59	9.433962264150943E-4	0.0010869565217391304
52	—DeepMARL-MR Prioritized (S)-model-5 vs. —DeepMARL-AS (8 rules) Prioritized (S)-model-3	15.353676583000704	3.3466951445833262E-53	9.615384615384616E-4	0.0010869565217391304
51	—DeepMARL-MR (S)-model-4 vs. —DeepMARL-AS (8 rules) (S)-model-1	14.866797458318556	5.414200488257255E-50	9.80392156862745E-4	0.0010869565217391304
50	CRSPT vs. —DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	14.77621529558693	2.085609981452213E-49	0.001	0.0010869565217391304
49	—DeepMARL-AS (Beefy)-model-7 vs. WINQ	14.028912453051483	1.0373008508511168E-44	0.0010204081632653062	0.0010869565217391304
48	CRSPT vs. —DeepMARL-AS (Beefy)-model-7	13.949653060661385	3.1613947775814485E-44	0.001041666666666666	0.0010869565217391304
47	—DeepMARL-MR (S)-model-4 vs. —DeepMARL-AS (8 rules) Prioritized (S)-model-3	13.247641299491768	4.6560796370062935E-40	0.0010638297872340426	0.0010869565217391304
46	—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2 vs. WINQ	13.202350218125941	8.503983897021281E-40	0.0010869565217391304	0.0010869565217391304
$\frac{45}{44}$	SPT vs. —DeepMARL-AS (8 rules) (S)-model-1 —DeepMARL-AS (Beefy)-model-7 vs. MS	12.828698796858296 12.23991473910311	1.1325019874700095E-37 1.9023236122627718E-34	0.0011111111111111111 0.0011363636363636365	0.001111111111111111111111111111111111
	—DeepMARL-AS (Beety)-model-7 vs. MS —DeepMARL-MR Prioritized (S)-model-5 vs. LWRK				
$\frac{43}{42}$	— DeepMARL-MR Prioritized (5)-model-5 vs. LWRR LWRK vs. WINQ	12.160655346712945 $11.719067303396503$	5.035311126415846E-34 1.0178644267536058E-31	0.0011627906976744186 0.0011904761904761906	$0.001282051282051282 \\ 0.001282051282051282$
41	—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2 vs. MS	11.413352504177567	3.586350655302524E-30	0.0011904761904761906	0.001282051282051282
40	—DeepMARL-AS (8 rules) (GDT)-model-0 vs. —DeepMARL-AS (8 rules) (S)-model-1	11.35673865247031	6.866023872019803E-30	0.0012193121931219312	0.001282051282051282
39	— DeepMARL-AS (8 Iules) (GDT)-inidel-0 vs. — DeepMARL-AS (8 Iules) (S)-inidel-1 SPT vs. — DeepMARL-AS (8 Iules) Prioritized (S)-model-3	11.209542638031506	3.6608007587407133E-29	0.001282051282051282	0.001282031282031282
38	—DeepMARL-MR Prioritized (S)-model-5 vs. —DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	10.677372431983507	1.2989630871013547E-26	0.0013157894736842105	0.0013513513513513514
37	— DeepMARL-MC 1 Hottleged (GB 1)-model-2  — DeepMARL-MC (S)-model-4 vs. LWRK	10.054620063204009	8.765890702799013E-24	0.0013137334733342133	0.0013513513513513514
36	LWRK vs. MS	9.930069589448129	3.080404863646444E-23	0.00138888888888888	0.0013888888888888
35	—DeepMARL-MR Prioritized (S)-model-5 vs. —DeepMARL-AS (Beefy)-model-7	9.850810197057964	6.799363611102757E-23	0.0014285714285714286	0.0014705882352941176
34	—DeepMARL-AS (8 rules) (GDT)-model-0 vs. —DeepMARL-AS (8 rules) Prioritized (S)-model-3	9.737582493643522	2.0845432002701058E-22	0.0014705882352941176	0.0014705882352941176
33	CRSPT vs. —DeepMARL-AS (8 rules) (GDT)-model-0	9.714936952960603	2.6041013258025245E-22	0.001515151515151515152	0.0016129032258064516
32	—DeepMARL-MR (S)-model-4 vs. —DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	8.571337148474571	1.0229029222807898E-17	0.0015625	0.0016129032258064516
31	—DeepMARL-AS (8 rules) Prioritized (S)-model-3 vs. WINQ	8.526046067108744	1.51434974485467E-17	0.0016129032258064516	0.0016129032258064516
30	CRSPT vs. SPT	8.24297680857262	1.6797814098869758E-16	0.001666666666666668	0.001666666666666668
29	SPT vs. LWRK	8.016521401743747	1.0878197848639693E-15	0.001724137931034483	0.001724137931034483
28	—DeepMARL-MR (S)-model-4 vs. —DeepMARL-AS (Beefy)-model-7	7.744774913549029	9.575131268231217E-15	0.0017857142857142859	0.0017857142857142859
27	—DeepMARL-AS (Beefy)-model-7 vs. —DeepMARL-AS (8 rules) (S)-model-1	7.122022544769528	1.0635465389391118E-12	0.001851851851851852	0.001851851851851852
26	—DeepMARL-AS (8 rules) (S)-model-1 vs. WINQ	6.906889908281955	4.95394079040604E-12	0.0019230769230769232	0.002
25	—DeepMARL-AS (8 rules) Prioritized (S)-model-3 vs. MS	6.737048353160372	1.6163640399222215E-11	0.002	0.002
$^{24}$	—DeepMARL-AS (8 rules) (GDT)-model-0 vs. LWRK	6.544561257355763	5.967030269282831E-11	0.002083333333333333333	0.002083333333333333333
23	SPT vs. —DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	6.53323848701431	6.436253076989309E-11	0.002173913043478261	0.002173913043478261
22	—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2 vs. —DeepMARL-AS (8 rules) (S)-model-1	6.295460309843985	3.0648897808150574E-10	0.002272727272727273	0.002272727272727273
21	CRSPT vs. —DeepMARL-MR (S)-model-4	6.204878147112357	5.473929939087479E-10	0.002380952380952381	0.002380952380952381
20	SPT vs. —DeepMARL-AS (Beefy)-model-7	5.7066762520887675	1.1520360652344736E-8	0.0025	0.0025
19	—DeepMARL-MR Prioritized (S)-model-5 vs. —DeepMARL-AS (8 rules) (GDT)-model-0	5.616094089357181	1.9532232889899644E-8	0.002631578947368421	0.002631578947368421
18 17	—DeepMARL-AS (Beefy)-model-7 vs. —DeepMARL-AS (8 rules) Prioritized (S)-model-3 —DeepMARL-AS (8 rules) (S)-model-1 vs. MS	5.502866385942738	3.736656126280505E-8	0.00277777777777778	0.0027777777777777
16	— DeepMARL-AS (8 rules) (GDT)-model-0 vs. — DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	$5.1178921943335824 \\ 5.061278342626325$	3.0896911055583667E-7 4.164547093898287E-7	0.0029411764705882353 0.003125	0.0029411764705882353 0.003125
15	— DeepMARL-AS (8 rules) (GDT)-model-0 vs. — DeepMARL-AS (8 rules) Frioritized (GDT)-model-2  LWRK vs. — DeepMARL-AS (8 rules) (S)-model-1	4.8121773951145475	1.4929474357434183E-6	0.003125	0.003125
14	—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2 vs. —DeepMARL-AS (8 rules) Prioritized (S)-model-3	4.676304151017196	2.9209129269717458E-6	0.00353333333333333	0.00333333333333333
13	—DeepMARL-AS (8 rules) (GDT)-model-0 vs. —DeepMARL-AS (Beefy)-model-7	4.234716107700783	2.2884062091512816E-5	0.0038461538461538464	0.0038461538461538464
12	—DeepMARL-MR Prioritized (S)-model-5 vs. SPT	4.144133944969196	3.41100338379446E-5	0.004166666666666667	0.00416666666666666
11	CRSPT vs. —DeepMARL-MR Prioritized (S)-model-5	4.098842863603422	4.1522080403999844E-5	0.004545454545454546	0.004545454545454546
10	—DeepMARL-MR (S)-model-4 vs. —DeepMARL-AS (8 rules) (GDT)-model-0	3.5100588058482463	4.4800760165300123E-4	0.005	0.005
9	LWRK vs. —DeepMARL-AS (8 rules) Prioritized (S)-model-3	3.193021236287758	0.001407925919310537	0.0055555555555556	0.0055555555555556
8	—DeepMARL-AS (Beefy)-model-7 vs. LWRK	2.30984514965498	0.020896728657797497	0.00625	0.00625
7	—DeepMARL-MR Prioritized (S)-model-5 vs. —DeepMARL-MR (S)-model-4	2.106035283508935	0.035201287589215	0.0071428571428571435	0.0071428571428571435
6	—DeepMARL-MR (S)-model-4 vs. SPT	2.038098661460262	0.04154006700988629	0.0083333333333333333	0.0083333333333333333
5	MS vs. WINQ	1.7889977139483728	0.07361518372016992	0.01	0.01
4	—DeepMARL-AS (8 rules) Prioritized (S)-model-3 vs. —DeepMARL-AS (8 rules) (S)-model-1	1.6191561588267895	0.10541366817859567	0.0125	0.0125
3	—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2 vs. LWRK	1.483282914729438	0.13799925973447852	0.016666666666666666	0.016666666666666666
2	SPT vs. —DeepMARL-AS (8 rules) (GDT)-model-0	1.4719601443879842	0.1410316405207138	0.025	0.025
1	—DeepMARL-AS (Beefy)-model-7 vs. —DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	0.8265622349255423	0.4084852298799626	0.05	0.05

Table 6: Holm / Shaffer Table for  $\alpha = 0.10$ 

CRIFF to Name		Table 0. Hollin / Shaller			II - 1	C1
Comparation	1	algorithms	$z = (R_0 - R_i)/SE$	<i>p</i>	Holm	Shaffer
Comparation						
Color						
Comparison   Com						
CRSPT v. DepMARLAS (8 rules) (5)-model-1						
Comparison						
CRIST vs. — DepMARLAR (S runo) Prioritized (S) models   1.0008000000000000000000000000000000000				1.4471874290747004E-98		0.0018181818181818182
CRSPT v. DepMARLAS (s rule) Prioritized (S)-model-3 v. NYR   19-2219446001425   2-776570120298074E-84   0.0017437931044487   0.0018181818181818181   0.0018181818181818181   0.0018181818181818181   0.0018181818181818181   0.00181818181818181   0.00181818181818181   0.0018181818181818181   0.00181818181818181   0.00181818181818181   0.001818181818181818181   0.0018181818181818181   0.0018181818181818181   0.0018181818181818181   0.0018181818181818181   0.0018181818181818181   0.0018181818181818181   0.001818181818181818181   0.0018181818181818181   0.0018181818181818181   0.0018181818181818181   0.0018181818181818181   0.0018181818181818181   0.0018181818181818181   0.0018181818181818181   0.0018181818181818181   0.0018181818181818181   0.0018181818181818181   0.001818181818181818181   0.001818181818181818181   0.001818181818181818181   0.00181818181818181818181   0.00181818181818181818181818181   0.001818181818181818181   0.0018181818181	60	—DeepMARL-MR (S)-model-4 vs. MS	19.98468965265214	7.48511854269219E-89	0.001666666666666668	0.0018181818181818182
Comparison	59	SPT vs. WINQ	19.73558870514025	1.066968205209761E-86	0.0016949152542372883	0.0018181818181818182
Comparison	58	CRSPT vs. —DeepMARL-AS (8 rules) Prioritized (S)-model-3	19.452519446604125	2.7745761202980874E-84	0.001724137931034483	0.0018181818181818182
Comparison   Com	57		18.263628560752267	1.6121263764696985E-74	0.0017543859649122807	0.0018181818181818182
DepMAIL-MR Prioritized (S)-model-3 vs. —DepMAIL-AS (s rules) (G)-model-3 (S)-model-3 (S)	56					
DepMAILAM (Strate) (IDT)-model-0 vs. MS						
DeepMAILMR (Prioritied (S) model-1   16,250498210316365   10,12982777584764E-50   0.00127301304375251   0.00127301304375251   0.00127301304375251   0.00127301304375251   0.00127301304375251   0.00127301304375251   0.00127301304375251   0.00127301304375251   0.00127301304375251   0.00127301304375251   0.001273013043475251   0.00127301304375251   0.0						
DepMARLAM Prioritized (S)-model-5 vs. — DepMARLAS (8 rules) Prioritized (S)-model-1   1.5.3307688900704   3.3469931436533028-5   0.0012730769232   0.0012730134378261   0.00127						
- DeepMARL-MR (S)-model-d vs DeepMARL-AS (a rules) (D)-model-2 (CRFT vs DeepMARL-AS (a rules) (D)-model-2 (CRFT vs DeepMARL-AS (a rules) (D)-model-2 (CRFT vs DeepMARL-AS (beep)-model-7 (CRFT vs DeepMARL-AS (brules) (DT)-model-2 (b)-model-3 (b)-model-3 (b)-model-4 (b)-model-5 (b)-model-1 (b)-model-3 (b)-model-4 (b)-model-5 (b)-model-4 (b)-model-5 (b)-model-4 (b)-model-5 (b)-model-4 (b)-model-5 (b)-model-4 (b)-model-5						
CRSPT vs. DeepMARLAS (s rules) Prioritized (CDT)-model-2   14.776312955898]   1.037108058911158E-14   0.0020081529353931   0.002159193013478291   0.0021591930						
Company   Comp						
Comparison   Com						
-DeepMARL-MR (S) model-d vs. —DeepMARL-AS (S rules) Prioritized (S)-model-3 (S)-model-1 (S)-model-2 vs. WING (S)-model-1 (S)-model-2 vs. WING (S)-model-1 (S)-model-2 vs. WING (S)-model-1 (S)-model-3						
DeepMARL-AS (s rules) Prioritized (GDT)-model-2 vs. WINQ   13.20250218120941   8.503983897021281E-07   0.0022722222222222222222222222222222222						
SPT vs. — DeepMARLA-8 (S rules) (S)-model-1   12.898987968582906   1.1329019874700090E-77   0.0022222222222222   0.0022422222222222   0.00226102564102564   0.002272727272772773743   0.00261012564102564   0.00227283135348587   0.00261012564102564   0.00227283135348587   0.00261012564102564   0.002610125641						
-DeepMARLAS (Berky)-model-7 vs. MS -DeepMARLAS (S rules) Prioritized (GDT)-model-2 vs. MS -DeepMARLAS (S rules) Prioritized (GDT)-model-3 vs. MS -DeepMARLAS (S rules) Prioritized (S)-model-3 vs. MS -DeepMARLAS (S rules						
DeepMRIL-MR (S rules)   CDT)-model-2 vs.   LVRK   DeepMRIL-AS (S rules)   CDT)-model-2 vs.   DeepMRIL-MS (S rules)   CDT)-model-2 vs.   DeepMRIL-MS (S rules)   CDT)-model-2 vs.   DeepMRIL-MS (S rules)   CDT)-model-2   DeepMRIL-MS (S rules)   CDT)-model-3 vs.   DeepMRIL-MS (S rules)   CDT)-model-2   DeepMRIL-MS (S rules)   CDT)-model-3 vs.   DeepMRIL-MS (S rules)   CDT)-model-4 vs.   DeepMRIL-MS (S rules)   CDT)-model-4 vs.   DeepMRIL-MS (S rules)   CDT)-model-4 vs.   DeepMRIL-MS (S rules)   CDT)-model-5 vs.   DeepMRIL-MS (S rules)   CDT)-model-5 vs.   DeepMRIL-MS (S rules)   CDT)-model-5 vs.   DeepMRIL-MS (S rules)   CDT)-model-6 vs.   DeepMRIL-MS (S rules)   CDT)-model-6 vs.   DeepMRIL-MS (S rules)   CDT)-mode						
LWRK vs. WINQ						
1.4     -DeepMARLAS (s rules)   Prioritized (GDT)-model-2 vs. Mes   1.14332504177567   3.5863506530224E-30   0.002430924390244   0.002564102564102564   0.0025						
DeepMARL-AS (8 rules) (GDT)-model-0 vs. —DeepMARL-AS (8 rules) (Finedical Series)   11.395673865247031   3.66800738720138038-30   0.0025641025641022564   0.0025641025641022564   0.0025641025641022564   0.0025641025641022564   0.0025641025641022564   0.0025641025641022564   0.0025641025641022564   0.002564102564102564   0.002564102564   0.002564102564   0.002564102564102564   0.002564102564102564   0.002564102564102564   0.002564102564102564   0.002564102564102564   0.00256410			11.719067303396503	1.0178644267536058E-31	0.002380952380952381	0.002564102564102564
SPT vs. — DeepMARL-AR (8 rules) Prioritized (5)-model-3						
DeepMARL-MR Prioritized (S)-model-1 vs. LWRK   1.989607790134547E-25   0.002702702702703703   0.002702702702702703703   0.002702702702702703703   0.002702702702703703   0.002702702702702703703   0.002702702702702703703   0.002702702702702702702702703703   0.002702702702702702702703703   0.002702702702702702702702702702702703703   0.0027027027027027027027027027027027027027			11.35673865247031		0.0025	0.002564102564102564
DeepMarl-ARF (S) -model-1 vs. LWRK   10.054620063294009   8.76589070279013E-24   0.002702702702703   0.002702702702702703   0.0027027027027027027027027027027027027027			11.209542638031506	3.6608007587407133E-29	0.002564102564102564	0.002564102564102564
LWRK vs. MS	38	—DeepMARL-MR Prioritized (S)-model-5 vs. —DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	10.677372431983507	1.2989630871013547E-26	0.002631578947368421	0.002702702702702703
LWRK vs. MS	37	—DeepMARL-MR (S)-model-4 vs. LWRK	10.054620063204009	8.765890702799013E-24	0.002702702702702703	0.002702702702702703
-DeepMARL-ÁS (8 rules) (GDT)-model-0 vs. —DeepMARL-AS (8 rules) (First prodection of the control	36	LWRK vs. MS	9.930069589448129	3.080404863646444E-23	0.002777777777777778	0.00277777777777778
-DeepMARL-AS (8 rules) (GDT)-model-0 vs. —DeepMARL-AS (8 rules) (Fortitized (G)-model-3 (7.4787493643522) 2.0845432002701058E-22 (0.0030303030303030303030303030303030303	35	—DeepMARL-MR Prioritized (S)-model-5 vs. —DeepMARL-AS (Beefy)-model-7	9.850810197057964	6.799363611102757E-23	0.002857142857142857	0.0029411764705882353
CRSPT vs. — DeepMARL-AS (8 rules) (GDT)-model-0	34		9.737582493643522	2.0845432002701058E-22	0.0029411764705882353	0.0029411764705882353
DeepMARL-AS (is rules)   Prioritized (GDT)-model-2   S.71337148474571   1.02290222287898E-17   0.003125   0.0032258064516129032   0.0032258064516129032   0.0032258064516129032   0.0032258064516129032   0.003258064516129032   0.003258064516129032   0.003258064516129032   0.00333333333333333333333333333333333						
1	32					
CRSPT vs. SPT   S. LWRK   S. CRSPT vs. DeepMARL-AS (8 rules) Prioritized (S)-model-1 vs. Model-1 vs. W. DeepMARL-AS (8 rules) (S)-model-1 vs. W. DeepMARL-AS (8 rules) (S)-model-1 vs. W. MS   S. STOS vs. LWRK   S.						
SPT vs. LWRK						
DeepMARL-AS (Befs)-model-1 vs. —DeepMARL-AS (R rules) (S)-model-1 vs. WINQ						
DeepMARL-AS (Beefy)-model-1 vs. WING   DeepMARL-AS (S rules) (S)-model-1 vs. WING   DeepMARL-AS (S rules) (S)-model-1 vs. WING   DeepMARL-AS (S rules) (S)-model-1 vs. WING   DeepMARL-AS (S rules) (DT)-model-2 vs. DeepMARL-AS (S rules) (DT)-model-2 vs. WING   DeepMARL-AS (S rules) (DT)-model-2 vs. DeepMARL-AS (S rules) (DT)-model-3 vs. DeepMARL-AS (S rules) (DT)-model-4 vs. DeepMARL-AS (S rules) (DT)-model-5 vs. DeepMARL-AS (S rules) (DT)-model-6 vs. DeepMARL-AS (S rules) (DT)-mod						
DeepMARL-AS (8 rules) (S)-model-1 vs. MNO						
DeepMARL-AS (8 rules) Prioritized (S)-model-0 vs. LWRK						
DeepMARL-AS (8 rules) (GDT)-model-0 vs. LWRK						
SPT vsDeepMARL-AS (8 rules) Prioritized (GDT)-model-2 vsDeepMARL-AS (8 rules) (S)-model-1 (6.29546039843985]   6.29546039843985   3.66488978801507542-10 (0.00434782608956522 ) 0.00434782608956522   0.00444782644545446   0.0044781947825   0.0044781947825   0.0044781947825   0.0044781947825   0.0044781947825   0.0044781947825   0.004781947825   0.004781947826   0.004781947836842   0.004781947836842   0.0058823529411764705   0.0058823529411764705   0.004878478682   0.0058823529411764705   0.0048784784825   0.0058823529411764705   0.0048784784825   0.0068823529411764705   0.0048784784825   0.0068823529411764705   0.0048784784825   0.0068823529411764705   0.0048784784825   0.0068823529411764705   0.0048784784825   0.00487847845						
-DeepMARL-AS (8 rules) Prioritized (GDT)-model-2 vs. —DeepMARL-AS (8 rules) (8)-model-1 -DeepMARL-AS (8 rules) Prioritized (S)-model-7 -DeepMARL-AS (Beefy)-model-7 vs. —DeepMARL-AS (8 rules) (GDT)-model-0 -DeepMARL-AS (Brules) (GDT)-model-0 vs. —DeepMARL-AS (8 rules) (GDT)-model-0 -DeepMARL-AS (8 rules) (GDT)-model-0 vs. —DeepMARL-AS (8 rules) (GDT)-model-0 -DeepMARL-AS (8 rules) (GDT)-model-0 vs. —DeepMARL-AS (8 rules) (GDT)-model-1 -DeepMARL-AS (8 rules) Prioritized (GDT)-model-1 -DeepMARL-AS (8 rules) Prioritized (S)-model-1 -DeepMARL-AS (8 rules) Prioritized (S)-model-1 -DeepMARL-AS (8 rules) (GDT)-model-0 vs. —DeepMARL-AS (Beefy)-model-7 -DeepMARL-AS (Brules) (GDT)-model-0 vs. —DeepMARL-AS (Beefy)-model-7 -DeepMARL-AS (Brules) (GDT)-model-0 vs. —DeepMARL-AS (Brules) (GDT)-model-0 vs. —DeepMARL-AS (Brules) (GDT)-model-0 vs. —DeepMARL-AS (Brules) (GDT)-model-0 vs. —Dee						
CRSPT vs. —DeepMARL-MR (S)-model-4						
SPT vs. —DeepMARL-AS (Beefy)-model-7   5.7066762520887675   1.1520360623244736E-8   0.005   0.005263157894736842   1.952032888989644E-8   0.005263157894736842   1.952032888989644E-8   0.005263157894736842   0.005263157894736842   0.005263157894736842   0.005263157894736842   0.005263157894736842   0.00555555555555555555555555555555555						
DeepMARL-MR Prioritized (S)-model-5 vs. —DeepMARL-AS (8 rules) Prioritized (S)-model-0   5.616094089357181   1.953223288899644E-8   0.005263157894736842   0.005263157894736842   0.005263157894736845   1.953223288899644E-8   0.005263157894736842   0.00555555555555555555555555555555555						
DeepMARL-AS (Beefy)-model-f vs. —DeepMARL-AS (8 rules) (S)-model-1 vs. MS						
DeepMARL-AS (8 rules) (GDT)-model-0 vs. —DeepMARL-AS (8 rules) (S)-model-1						
DeepMARL-AS (8 rules) (GDT)-model-0 vs. —DeepMARL-AS (8 rules) (S)-model-1						
LWRK vs. — DeepMARL-AS (8 rules) (S)-model-1						
DeepMARL-AS (8 rules) Prioritized (GDT)-model-2 vs. —DeepMARL-AS (8 rules) Prioritized (S)-model-7   4.676304151017196   2.9209129269717458E-6   0.0071428571428571435   0.007692307692307692307693   0.007692307692307693   0.00769230769307692307693   0.0076923076930769307693076930769307693076930769		—DeepMARL-AS (8 rules) (GDT)-model-0 vs. —DeepMARL-AS (8 rules) Prioritized (GDT)-model-2				
13						
12						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			4.234716107700783	2.2884062091512816E-5	0.007692307692307693	0.007692307692307693
10	12	—DeepMARL-MR Prioritized (S)-model-5 vs. SPT	4.144133944969196	3.41100338379446E-5	0.008333333333333333	0.008333333333333333
DeepMARL-AS (8 rules) Prioritized (S)-model-3   3.193021236287758   0.001407925919310537   0.01111111111111111111111111111111111	11	CRSPT vs. —DeepMARL-MR Prioritized (S)-model-5	4.098842863603422	4.1522080403999844E-5	0.009090909090909092	0.009090909090909092
9 LWRK vs. — DeepMARL-AS (8 rules) Prioritized (S) — model-3 3.193021236287758 0.00147925919310537 0.011111111111111 0.011111111111111111	10	—DeepMARL-MR (S)-model-4 vs. —DeepMARL-AS (8 rules) (GDT)-model-0	3.5100588058482463	4.4800760165300123E-4	0.01	0.01
8 — DeepMARL-AS (Beefy)-model-7 vs. LWRK 2.30984514965498 0.020896728657797497 0.0125 0.0125 7 — DeepMARL-MR Prioritized (S)-model-5 vs. —DeepMARL-MR (S)-model-4 vs. SPT 0.0125 0.014285714287 0.0142857	9					
7 — DeepMARL-MR Prioritized (S)-model-5 vs. — DeepMARL-MR (S)-model-4 vs. SPT 2.0869854850895 0.035201287589215 0.0142857142857142857 0.0142857142857142857 0.0566666666666666666666666666666666666	8					
6 —DeepMARL-MR (S)-model-4 vs. SPT 2.038098661460262 0.04154006700988629 0.016666666666666 0.01666666666666	7					
5 MS vs. WINQ 1.7889977139483728 0.07361518372016992 0.02 0.02 4 — DeepMARL-AS (8 rules) Prioritized (S)-model-3 vs. —DeepMARL-AS (8 rules) (S)-model-1 1.6191561588267895 0.10541366817859567 0.025 0	6					
4 —DeepMARL-AS (8 rules) Prioritized (S)-model-3 vs. —DeepMARL-AS (8 rules) (S)-model-1 1.619156158267895 0.10541366817859567 0.025 0.25 0.25 0.25 0.25 0.25 0.25 0.2	5					
3 — DeepMARL-AS (8 rules) Prioritized (GDT)-model-2 vs. LWRK 1.483282914729438 0.13799925973447852 0.033333333333333 0.033333333333333333	4					
2 SPT vs. — DeepMARL-AS (8 rules) (GDT)-model-0 1.4719601443879842 0.1410316405207138 0.05 0.05	3					
	2					
1 —DeepMARD-A5 (Beery)-model-1 vs. —DeepMARD-A5 (8 rules) Prioritized (GD1)-model-2 0.6203022349253425 0.4004652296199020 0.1 0.1	1					
		—DeepMARL-AS (Beery)-model-1 vs. —DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	0.0200022349255423	0.4084852298799626	0.1	0.1

Table 7: Adjusted p-values

	1able 7: Adjusted p-values							
i	hypothesis	unadjusted p	$p_{Neme}$	$p_{Holm}$	$p_{Shaf}$	$p_{Berq}$		
1	CRSPT vs .WINQ	2.962603460225532E-172	1.955318283748851E-170	1.955318283748851E-170	1.955318283748851E-170	0.0		
2	CRSPT vs .MS	3.493880774457326E-151	2.305961311141835E-149	2.271022503397262E-149	1.9216344259515293E-149	0.0		
3	—DeepMARL-MR Prioritized (S)-model-5 vs .WINQ	4.9757581244479696E-126	3.28400036213566E-124	3.1844851996467006E-124	2.7366669684463833E-124	0.0		
4	—DeepMARL-MR Prioritized (S)-model-5 vs .MS	3.8811750949767075E-108	2.561575562684627E-106	2.445140309835326E-106	2.1346463022371891E-106	0.0		
5	—DeepMARL-MR (S)-model-4 vs .WINQ	4.121067052782224E-105	2.719904254836268E-103	2.555061572724979E-103	2.266586879030223E-103	0.0		
6	CRSPT vs.—DeepMARL-AS (8 rules) (\$)-model-1	1.4471874290747004E-98	9.551437031893023E-97	8.827843317355672E-97	7.959530859910853E-97	0.0		
7	-DeepMARL-MS (6) Indeed (8) MS	7.48511854269219E-89	4.940178238176846E-87	4.491071125615315E-87	4.116815198480705E-87	0.0		
,	SPT vs .WINQ	1.066968205209761E-86	7.041990154384423E-85	6.29511241073759E-85	5.868325128653685E-85	0.0		
0	CRSPT vs .—DeepMARL-AS (8 rules) Prioritized (S)-model-3	2.7745761202980874E-84	1.8312202393967376E-82	1.6092541497728908E-82	1.526016866163948E-82	0.0		
10	—DeepMARL-AS (8 rules) (GDT)-model-0 vs .WINQ		1.0640034084700011E-72			0.0		
10 11	— DeepMARL-AS (6 rules) (GD1)-model-0 vs . WINQ SPT vs .MS	1.6121263764696985E-74		9.189120345877281E-73	8.866695070583342E-73			
12	—DeepMARL-MR Prioritized (S)-model-5 vs .—DeepMARL-AS (8 rules) (S)-model-1	5.102802922815227E-72 1.3048306912228623E-64	3.36784992905805E-70 8.611882562070891E-63	2.857569636776527E-70 7.176568801725742E-63	2.806541607548375E-70 7.176568801725742E-63	0.0		
13	— DeepMARL-M Frioritzed (5)-model-1  — DeepMARL-AS (8 rules) (GDT)-model-0 vs .MS	5.582829897620006E-61	3.684667732429204E-59	3.0147281447148032E-59	2.568101752905203E-59	0.0		
14	— DeepMARL-AS (8 Fules) (GD1)-model-0 vs .MS  CRSPT vs .LWRK	1.9129822757584764E-59	1.2625683020005944E-57	1.0138806061519925E-57	8.799718468488992E-58	0.0		
15 16	—DeepMARL-MR Prioritized (S)-model-5 vs .—DeepMARL-AS (8 rules) Prioritized (S)-model-3	3.3466951445833262E-53	2.2088187954249953E-51	1.7402814751833297E-51	1.53947976650833E-51	0.0		
	—DeepMARL-MR (S)-model-4 vs .—DeepMARL-AS (8 rules) (S)-model-1	5.414200488257255E-50	3.5733723222497883E-48	2.7612422490112E-48	2.4905322245983376E-48	0.0		
17	CRSPT vs.—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	2.085609981452213E-49	1.3765025877584607E-47	1.0428049907261065E-47	9.59380591468018E-48	0.0		
18	—DeepMARL-AS (Beefy)-model-7 vs .WINQ	1.0373008508511168E-44	6.846185615617371E-43	5.082774169170472E-43	4.7715839139151375E-43	0.0		
19	CRSPT vs .—DeepMARL-AS (Beefy)-model-7	3.1613947775814485E-44	2.086520553203756E-42	1.5174694932390953E-42	1.4542415976874663E-42	0.0		
20	—DeepMARL-MR (S)-model-4 vs .—DeepMARL-AS (8 rules) Prioritized (S)-model-3	4.6560796370062935E-40	3.0730125604241536E-38	2.188357429392958E-38	2.141796633022895E-38	0.0		
21	—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2 vs .WINQ	8.503983897021281E-40	5.612629372034045E-38	3.9118325926297895E-38	3.9118325926297895E-38	0.0		
22	SPT vs .—DeepMARL-AS (8 rules) (S)-model-1	1.1325019874700095E-37	7.474513117302062E-36	5.096258943615043E-36	5.096258943615043E-36	0.0		
23	—DeepMARL-AS (Beefy)-model-7 vs .MS	1.9023236122627718E-34	1.2555335840934294E-32	8.370223893956196E-33	7.419062087824811E-33	0.0		
$^{24}$	—DeepMARL-MR Prioritized (S)-model-5 vs .LWRK	5.035311126415846E-34	3.3233053434344587E-32	2.165183784358814E-32	1.9637713393021802E-32	0.0		
25	LWRK vs .WINQ	1.0178644267536058E-31	6.717905216573799E-30	4.275030592365144E-30	3.969671264339063E-30	0.0		
26	—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2 vs .MS	3.586350655302524E-30	2.366991432499666E-28	1.470403768674035E-28	1.3986767555679845E-28	0.0		
27	—DeepMARL-AS (8 rules) (GDT)-model-0 vs .—DeepMARL-AS (8 rules) (S)-model-1	6.866023872019803E-30	4.5315757555330695E-28	2.746409548807921E-28	2.677749310087723E-28	0.0		
28	SPT vs.—DeepMARL-AS (8 rules) Prioritized (S)-model-3	3.6608007587407133E-29	2.416128500768871E-27	1.4277122959088782E-27	1.4277122959088782E-27	0.0		
29	—DeepMARL-MR Prioritized (S)-model-5 vs .—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	1.2989630871013547E-26	8.573156374868941E-25	4.936059730985148E-25	4.806163422275012E-25	0.0		
30	—DeepMARL-MR (S)-model-4 vs .LWRK	8.765890702799013E-24	5.785487863847349E-22	3.243379560035635E-22	3.243379560035635E-22	0.0		
31	LWRK vs .MS	3.080404863646444E-23	2.033067210006653E-21	1.1089457509127197E-21	1.1089457509127197E-21	0.0		
32	—DeepMARL-MR Prioritized (S)-model-5 vs .—DeepMARL-AS (Beefy)-model-7	6.799363611102757E-23	4.48757998332782E-21	2.379777263885965E-21	2.3117836277749374E-21	0.0		
33	—DeepMARL-AS (8 rules) (GDT)-model-0 vs .—DeepMARL-AS (8 rules) Prioritized (S)-model-3	2.0845432002701058E-22	1.3757985121782698E-20	7.08744688091836E-21	7.08744688091836E-21	0.0		
34	CRSPT vs .—DeepMARL-AS (8 rules) (GDT)-model-0	2.6041013258025245E-22	1.7187068750296663E-20	8.593534375148331E-21	8.072714109987825E-21	0.0		
35	—DeepMARL-MR (S)-model-4 vs .—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	1.0229029222807898E-17	6.751159287053212E-16	3.2732893512985275E-16	3.1709990590704487E-16	0.0		
36	—DeepMARL-AS (8 rules) Prioritized (S)-model-3 vs .WINQ	1.51434974485467E-17	9.99470831604082E-16	4.694484209049477E-16	4.694484209049477E-16	0.0		
37	CRSPT vs .SPT	1.6797814098869758E-16	1.108655730525404E-14	5.0393442296609275E-15	5.0393442296609275E-15	0.0		
38	SPT vs .LWRK	1.0878197848639693E-15	7.179610580102197E-14	3.1546773761055107E-14	3.1546773761055107E-14	0.0		
39	—DeepMARL-MR (S)-model-4 vs .—DeepMARL-AS (Beefy)-model-7	9.575131268231217E-15	6.319586637032603E-13	2.681036755104741E-13	2.681036755104741E-13	0.0		
40	—DeepMARL-AS (Beefy)-model-7 vs .—DeepMARL-AS (8 rules) (S)-model-1	1.0635465389391118E-12	7.019407156998137E-11	2.8715756551356017E-11	2.8715756551356017E-11	0.0		
41	—DeepMARL-AS (8 rules) (S)-model-1 vs .WINQ	4.95394079040604E-12	3.2696009216679865E-10	1.2880246055055705E-10	1.23848519760151E-10	0.0		
42	—DeepMARL-AS (8 rules) Prioritized (S)-model-3 vs .MS	1.6163640399222215E-11	1.0668002663486662E-9	4.0409100998055536E-10	4.0409100998055536E-10	0.0		
43	—DeepMARL-AS (8 rules) (GDT)-model-0 vs .LWRK	5.967030269282831E-11	3.938239977726669E-9	1.4320872646278794E-9	1.4320872646278794E-9	0.0		
44	SPT vs .—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	6.436253076989309E-11	4.2479270308129445E-9	1.480338207707541E-9	1.480338207707541E-9	0.0		
45	—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2 vs .—DeepMARL-AS (8 rules) (S)-model-1	3.0648897808150574E-10	2.0228272553379378E-8	6.7427575177931265E-9	6.7427575177931265E-9	0.0		
46	CRSPT vs .—DeepMARL-MR (S)-model-4	5.473929939087479E-10	3.612793759797736E-8	1.1495252872083706E-8	1.1495252872083706E-8	0.0		
47	SPT vs .—DeepMARL-AS (Beefy)-model-7	1.1520360652344736E-8	7.603438030547525E-7	2.3040721304689472E-7	2.3040721304689472E-7	0.0		
48	—DeepMARL-MR Prioritized (S)-model-5 vs .—DeepMARL-AS (8 rules) (GDT)-model-0	1.9532232889899644E-8	1.2891273707333764E-6	3.711124249080932E-7	3.711124249080932E-7	0.0		
49	—DeepMARL-AS (Beefy)-model-7 vs .—DeepMARL-AS (8 rules) Prioritized (S)-model-3	3.736656126280505E-8	2.4661930433451334E-6	6.725981027304909E-7	6.725981027304909E-7	0.0		
50	—DeepMARL-AS (8 rules) (S)-model-1 vs .MS	3.0896911055583667E-7	2.039196129668522E-5	5.252474879449223E-6	5.252474879449223E-6	0.0		
51	—DeepMARL-AS (8 rules) (GDT)-model-0 vs.—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	4.164547093898287E-7	2.7486010819728693E-5	6.663275350237259E-6	6.663275350237259E-6	0.0		
52	LWRK vs.—DeepMARL-AS (8 rules) (S)-model-1	1.4929474357434183E-6	9.85345307590656E-5	2.2394211536151276E-5	2.2394211536151276E-5	0.0		
53	—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2 vs .—DeepMARL-AS (8 rules) Prioritized (S)-model-3	2.9209129269717458E-6	1.9278025318013523E-4	4.089278097760444E-5	4.089278097760444E-5	0.0		
54	—DeepMARL-AS (8 rules) (GDT)-model-0 vs .—DeepMARL-AS (Beefy)-model-7	2.2884062091512816E-5	0.0015103480980398459	2.974928071896666E-4	2.974928071896666E-4	0.0		
55	—DeepMARL-MR Prioritized (S)-model-5 vs .SPT	3.41100338379446E-5	0.0022512622333043437	4.093204060553352E-4	4.093204060553352E-4	0.0		
56	CRSPT vs .—DeepMARL-MR Prioritized (S)-model-5	4.1522080403999844E-5	0.0027404573066639897	4.567428844439983E-4	4.567428844439983E-4	0.0		
57	—DeepMARL-MR (S)-model-4 vs .—DeepMARL-AS (8 rules) (GDT)-model-0	4.4800760165300123E-4	0.029568501709098083	0.004480076016530012	0.004480076016530012	0.0		
58	LWRK vs .—DeepMARL-AS (8 rules) Prioritized (S)-model-3	0.001407925919310537	0.09292311067449543	0.012671333273794832	0.012671333273794832	0.0		
59	—DeepMARL-AS (Beefy)-model-7 vs .LWRK	0.020896728657797497	1.3791840914146347	0.16717382926237997	0.16717382926237997	0.0		
60	—DeepMARL-MR Prioritized (S)-model-5 vs .—DeepMARL-MR (S)-model-4	0.035201287589215	2.32328498088819	0.246409013124505	0.246409013124505	0.0		
61	— DeepMARL-MR (S)-model-4 vs .SPT	0.04154006700988629	2.741644422652495	0.24924040205931774	0.2494040205931774	0.0		
62	MS vs. WINQ	0.07361518372016992	4.858602125531215	0.36807591860084965	0.36807591860084965	0.0		
63	—DeepMARL-AS (8 rules) Prioritized (8)-model-3 vs .—DeepMARL-AS (8 rules) (S)-model-1	0.10541366817859567	6.957302099787314	0.4216546727143827	0.4216546727143827	0.0		
64	— DeepMARL-AS (8 rules) Prioritized (GDT)-model-2 vs .LWRK  — DeepMARL-AS (8 rules) Prioritized (GDT)-model-2 vs .LWRK	0.13799925973447852	9.107951142475581	0.4216546727143827	0.4216546727143827	0.0		
65	SPT vs .—DeepMARL-AS (8 rules) (GDT)-model-0	0.13799923973447832	9.30808827436711	0.4216546727143827	0.4216546727143827	0.0		
66	—DeepMARL-AS (Beefy)-model-7 vs .—DeepMARL-AS (8 rules) Prioritized (GDT)-model-2	0.4084852298799626	26.960025172077533	0.4216546727143827	0.4216546727143827	0.0		
- 00	Deepmints-no (Beery)-model-1 vs .—Deepmints-no (6 tules) i nomized (GD1)-model-2	5.4064602236133020	20.800020112011000	0.4210040121140021	0.4210040121140021	0.0		