Results

May 6, 2024

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

Friedman statistic considering reduction performance (distributed according to chi-square with 32 degrees of freedom: 2495.685133689837. P-value computed by Friedman Test: 0.0.

Iman and Davenport statistic considering reduction performance (distributed according to F-distribution with 32 and 3168 degrees of freedom: 350.79882599906546. P-value computed by Iman and Daveport Test: 0.0.

Bonferroni-Dunn's procedure rejects those hypotheses that have a p-value ≤ 0.0015625 .

Holm's procedure rejects those hypotheses that have a p-value ≤ 0.025 .

Hommel's procedure rejects those hypotheses that have a p-value ≤ 0.025 .

Bonferroni-Dunn's procedure rejects those hypotheses that have a p-value ≤ 0.003125 .

Holm's procedure rejects those hypotheses that have a p-value ≤ 0.1 .

Hochberg's procedure rejects those hypotheses that have a p-value ≤ 0.05 .

Hommel's procedure rejects those hypotheses that have a p-value ≤ 0.05 .

Nemenyi's procedure rejects those hypotheses that have a p-value $\leq 9.46969696969697E - 5$.

Holm's procedure rejects those hypotheses that have a p-value $\leq 3.0864197530864197E - 4$.

Shaffer's procedure rejects those hypotheses that have a p-value $\leq 9.469696969696967E - 5$.

Nemenyi's procedure rejects those hypotheses that have a p-value $\leq 1.893939393939394E - 4$.

Holm's procedure rejects those hypotheses that have a p-value $\leq 6.369426751592357E - 4$.

Shaffer's procedure rejects those hypotheses that have a p-value $\leq 1.893939393939394E - 4$.

Table 1: Average Rankings of the algorithms
Algorithm | Ranking

Algorithm	Ranking
ATC	10.38
AVPRO	12.27
COVERT	8.65
CR	17.88
CRSPT	4.45
DPTLWKR	8.29
DPTLWKRS	15.96
DPTWINQNPT	7.81
EDD	18.17
GP1	13.61
GP2	8.19
LIFO	27.70
LPT	32.04
$_{ m LRO}$	21.63
LWRK	14.63
LWRKMOD	10.82
LWRKSPT	8.29
$_{ m LWT}$	27.87
MWRK	32.40
MDD	17.00
MOD	7.35
MON	22.03
MRO	31.45
MS	20.76
NPT	26.59
PTWINQ	11.38
PTWINQS	14.05
Random	27.99
SPMWK	17.88
SPMWKSPT	4.45
SPT	9.58
SWT	28.13
WINQ	21.32

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

i	algorithm	$z = (R_0 - R_i)/SE$	p	Holm/Hochberg/Hommel
32	MWRK	20.43906425435328	7.5166527662637136E-93	0.0015625
31	LPT	20.175806181667497	1.5973780884633244E-90	0.0016129032258064516
30	MRO	19.74435545143251	8.970209925715074E-87	0.001666666666666668
29	SWT	17.31653100333046	3.530070281444235E-67	0.001724137931034483
28	Random	17.214152863952663	2.07968584213782E-66	0.0017857142857142859
27	LWT	17.12640017305739	9.431276556526535E-66	0.001851851851851852
26	LIFO	17.002083860955786	7.925187889508677E-65	0.0019230769230769232
25	NPT	16.190371470174675	5.897149155698941E-59	0.002
24	MON	12.855769216154965	7.982779550211199E-38	0.00208333333333333333
23	LRO	12.563260246504095	3.361888681049268E-36	0.002173913043478261
22	WINQ	12.336565795024697	5.755899376200337E-35	0.002272727272727273
21	MS	11.927053237513505	8.554845582049767E-33	0.002380952380952381
20	EDD	10.033057659024236	1.0908515052359761E-23	0.0025
19	CR	9.820988656027366	9.144228767269566E-23	0.002631578947368421
18	SPMWK	9.820988656027366	9.144228767269566E-23	0.00277777777777778
17	MDD	9.177468922795493	4.41342778007566E-20	0.0029411764705882353
16	DPTLWKRS	8.416945601703274	3.8642699724314263E-17	0.003125
15	LWRK	7.444353277614192	9.742047763697E-14	0.003333333333333333
14	PTWINQS	7.020215271620449	2.215266635581859E-12	0.0035714285714285718
13	GP1	6.6984554050045135	2.1063398061338376E-11	0.0038461538461538464
12	AVPRO	5.718550356674156	1.0743667872594722E-8	0.004166666666666667
11	PTWINQ	5.067717899201015	4.026134925414081E-7	0.004545454545454546
10	LWRKMOD	4.658205341689823	3.189779586389972E-6	0.005
9	ATC	4.336445475073886	1.4480532604410079E-5	0.0055555555555556
8	SPT	3.751427535772176	1.7583057456623623E-4	0.00625
7	COVERT	3.0713441813339446	0.002130973557442722	0.0071428571428571435
6	DPTLWKR	2.808086108648183	0.004983689902654997	0.008333333333333333
5	LWRKSPT	2.808086108648183	0.004983689902654997	0.01
4	GP2	2.734958866235468	0.006238807171775779	0.0125
3	DPTWINQNPT	2.4570753450671576	0.014007330546248234	0.01666666666666666
2	MOD	2.120690029968676	0.0339478960874974	0.025
1	SPMWKSPT	0.0	1.0	0.05

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

i	algorithm	$z = (R_0 - R_i)/SE$	p	Holm/Hochberg/Hommel
32	MWRK	20.43906425435328	7.5166527662637136E-93	0.003125
31	LPT	20.175806181667497	1.5973780884633244E-90	0.0032258064516129032
30	MRO	19.74435545143251	8.970209925715074E-87	0.003333333333333333
29	$_{ m SWT}$	17.31653100333046	3.530070281444235E-67	0.003448275862068966
28	Random	17.214152863952663	2.07968584213782E-66	0.0035714285714285718
27	LWT	17.12640017305739	9.431276556526535E-66	0.003703703703703704
26	LIFO	17.002083860955786	7.925187889508677E-65	0.0038461538461538464
25	NPT	16.190371470174675	5.897149155698941E-59	0.004
24	MON	12.855769216154965	7.982779550211199E-38	0.004166666666666667
23	LRO	12.563260246504095	3.361888681049268E-36	0.004347826086956522
22	WINQ	12.336565795024697	5.755899376200337E-35	0.004545454545454546
21	MS	11.927053237513505	8.554845582049767E-33	0.004761904761904762
20	EDD	10.033057659024236	1.0908515052359761E-23	0.005
19	CR	9.820988656027366	9.144228767269566E-23	0.005263157894736842
18	SPMWK	9.820988656027366	9.144228767269566E-23	0.0055555555555556
17	MDD	9.177468922795493	4.41342778007566E-20	0.0058823529411764705
16	DPTLWKRS	8.416945601703274	3.8642699724314263E-17	0.00625
15	LWRK	7.444353277614192	9.742047763697E-14	0.006666666666666667
14	PTWINQS	7.020215271620449	2.215266635581859E-12	0.0071428571428571435
13	GP1	6.6984554050045135	2.1063398061338376E-11	0.007692307692307693
12	AVPRO	5.718550356674156	1.0743667872594722E-8	0.008333333333333333
11	PTWINQ	5.067717899201015	4.026134925414081E-7	0.009090909090909092
10	LWRKMOD	4.658205341689823	3.189779586389972E-6	0.01
9	ATC	4.336445475073886	1.4480532604410079E-5	0.011111111111111111111111111111111111
8	SPT	3.751427535772176	1.7583057456623623E-4	0.0125
7	COVERT	3.0713441813339446	0.002130973557442722	0.014285714285714287
6	DPTLWKR	2.808086108648183	0.004983689902654997	0.016666666666666666
5	LWRKSPT	2.808086108648183	0.004983689902654997	0.02
4	GP2	2.734958866235468	0.006238807171775779	0.025
3	DPTWINQNPT	2.4570753450671576	0.014007330546248234	0.03333333333333333
2	MOD	2.120690029968676	0.0339478960874974	0.05
1	SPMWKSPT	0.0	1.0	0.1

Table 4: Adjusted p-values

i	algorithm	$ \text{unadjusted} \ \ p$	p_{Bonf}	p_{Holm}	p_{Hoch}	p_{Homm}
1	MWRK	7.5166527662637136E-93	2.4053288852043883E-91	2.4053288852043883E-91	2.4053288852043883E-91	2.4053288852043883E-91
2	LPT	1.5973780884633244E-90	5.111609883082638E-89	4.9518720742363054E-89	4.9518720742363054E-89	4.9518720742363054E-89
3	MRO	8.970209925715074E-87	2.8704671762288236E-85	2.691062977714522E-85	2.691062977714522E-85	2.691062977714522E-85
4	SWT	3.530070281444235E-67	1.1296224900621552E-65	1.023720381618828E-65	1.023720381618828E-65	1.023720381618828E-65
5	Random	2.07968584213782E-66	6.654994694841024E-65	5.823120357985896E-65	5.823120357985896E-65	5.823120357985896E-65
6	LWT	9.431276556526535E-66	3.0180084980884913E-64	2.5464446702621645E-64	2.5464446702621645E-64	2.5464446702621645E-64
7	LIFO	7.925187889508677E-65	2.5360601246427766E-63	2.060548851272256E-63	2.060548851272256E-63	2.060548851272256E-63
8	NPT	5.897149155698941E-59	1.8870877298236612E-57	1.4742872889247354E-57	1.4742872889247354E-57	1.4742872889247354E-57
9	MON	7.982779550211199E-38	2.5544894560675838E-36	1.915867092050688E-36	1.915867092050688E-36	1.915867092050688E-36
10	LRO	3.361888681049268E-36	1.0758043779357657E-34	7.732343966413316E-35	7.732343966413316E-35	7.732343966413316E-35
11	WINQ	5.755899376200337E-35	1.841887800384108E-33	1.2662978627640742E-33	1.2662978627640742E-33	1.2662978627640742E-33
12	MS	8.554845582049767E-33	2.7375505862559255E-31	1.7965175722304512E-31	1.7965175722304512E-31	1.7965175722304512E-31
13	EDD	1.0908515052359761E-23	3.4907248167551236E-22	2.1817030104719524E-22	2.1817030104719524E-22	2.1817030104719524E-22
14	CR	9.144228767269566E-23	2.926153205526261E-21	1.7374034657812176E-21	1.6459611781085219E-21	1.6459611781085219E-21
15	SPMWK	9.144228767269566E-23	2.926153205526261E-21	1.7374034657812176E-21	1.6459611781085219E-21	1.6459611781085219E-21
16	MDD	4.41342778007566E-20	1.4122968896242112E-18	7.502827226128622E-19	7.502827226128622E-19	7.502827226128622E-19
17	DPTLWKRS	3.8642699724314263E-17	1.2365663911780564E-15	6.182831955890282E-16	6.182831955890282E-16	6.182831955890282E-16
18	LWRK	9.742047763697E-14	3.11745528438304E-12	1.46130716455455E-12	1.46130716455455E-12	1.46130716455455E-12
19	PTWINQS	2.215266635581859E-12	7.088853233861948E-11	3.101373289814602E-11	3.101373289814602E-11	3.101373289814602E-11
20	GP1	2.1063398061338376E-11	6.74028737962828E-10	2.738241747973989E-10	2.738241747973989E-10	2.738241747973989E-10
21	AVPRO	1.0743667872594722E-8	3.437973719230311E-7	1.2892401447113666E-7	1.2892401447113666E-7	1.2892401447113666E-7
22	PTWINQ	4.026134925414081E-7	1.288363176132506E-5	4.428748417955489E-6	4.428748417955489E-6	4.428748417955489E-6
23	LWRKMOD	3.189779586389972E-6	1.020729467644791E-4	3.189779586389972E-5	3.189779586389972E-5	3.189779586389972E-5
24	ATC	1.4480532604410079E-5	4.633770433411225E-4	1.303247934396907E-4	1.303247934396907E-4	1.303247934396907E-4
25	SPT	1.7583057456623623E-4	0.005626578386119559	0.0014066445965298898	0.0014066445965298898	0.0014066445965298898
26	COVERT	0.002130973557442722	0.06819115383816711	0.014916814902099056	0.014916814902099056	0.012477614343551558
27	DPTLWKR	0.004983689902654997	0.1594780768849599	0.029902139415929983	0.024918449513274987	0.01993475961061999
28	LWRKSPT	0.004983689902654997	0.1594780768849599	0.029902139415929983	0.024918449513274987	0.01993475961061999
29	GP2	0.006238807171775779	0.19964182949682494	0.029902139415929983	0.024955228687103117	0.024955228687103117
30	DPTWINQNPT	0.014007330546248234	0.4482345774799435	0.042021991638744705	0.042021991638744705	0.042021991638744705
31	MOD	0.0339478960874974	1.086332674799917	0.0678957921749948	0.0678957921749948	0.0678957921749948
32	SPMWKSPT	1.0	32.0	1.0	1.0	1.0

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\begin{split} z &= (R_0 - R_i)/SE\\ 20.43906425435328\\ 20.43906425435328\\ 20.475806181667497\\ 19.74435545143251\\ 19.74435545143251\\ 19.74435545143251\\ 19.74435545143251\\ 19.74435545143251\\ 19.74435545143251\\ 19.74435545143251\\ 19.7430836600336\\ 17.9819890928612\\ 17.718730836600336\\ 17.623665421463834\\ 17.630978145705093\\ 17.630978145705093\\ 17.630978145705093\\ 17.630978145705093\\ 17.367720073019314\\ 17.3667720073019314\\ 17.3667720073019314\\ 17.3667720073019314\\ 17.367720073019314\\ 17.367720073019314\\ 17.367720073019314\\ 17.367720073019314\\ 17.366720073019314\\ 17.366720073019314\\ 17.366720073019314\\ 17.366720073019314\\ 17.366720073019314\\ 17.366720073019314\\ 17.12640017305739\\ 17.12440017305739\\ 17.12640017305739\\ 17.10939658519704\\ 17.002083860955786\\ 17.002083860955786\\ 17.002083860955786\\ 16.936269342784325\\ 16.936269342784325\\ 16.936269342784325\\ 16.936269342784325\\ 16.9367470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.190371470174675\\ 16.19037147017467
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9.4696969697E-5

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9.505703422053233E-5

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1.02880658436214E-4

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1.033578812396695E-4

1.0351966873706004E-4

1.0373443983402491E-4

1.039501395013396E-4

1.0373443983402491E-4
                               CRSPT vs. MWRK
MWRK vs. SPMWKSPT
CRSPT vs. LPT
LPT vs. SPMWKSPT
CRSPT vs. MO
MRO vs. SPMWKSPT
MWR vs. MOD
LPT vs. MOD
DPTWINQNPT vs. MWRK
DPTWINQNPT vs. MWRK
DPTLWKR vs. MWRK
DPTLWKR vs. MWRK
DPTLWKR vs. MWRK
MOD vs. MRO
GP2 vs. LPT
COVERT vs. MWRK
DPTLWKSPT vs. SWT
SPMWKSPT vs. SWT
SPMWKSPT vs. SWT
DPTWINQNPT vs. LWT
LPT vs. LWRKSPT
CRSPT vs. SWT
DPTWINQNPT vs. MRO
CRSPT vs. LWT
LWT vs. SPMWKSPT
COVERT vs. WT
LWT vs. SPMWKSPT
COVERT vs. WT
LWT vs. SPMWKSPT
CRSPT vs. LWT
LWT vs. SPMWKSPT
CRSPT vs. LFD
LIFO vs. SPMWKSPT
COVERT vs. MRO
LWRKSPT vs. MRO
LWRKSPT vs. MRO
MWRK vs. SPT
COVERT vs. MRO
LPT vs. SPMWKSPT
ATC vs. MWRK
MRO vs. SPT
ATC vs. MWRK
MRO vs. SPT
ATC vs. MWRK
LPT vs. LWRKMOD
ATC vs. MRO
LWRKSPT vs. MRO
MWRK vs. PTWINQ
MOD vs. Random
LWRKNOD vs. MRO
LWT vs. MOD
LIFO vs. MOD
LIFO vs. MOD
DPTWINQNPT vs. RAND
DPTWINQNPT vs. RAND
AVPRO vs. MWRK
MRO vs. PTWINQ
DPTWINQNPT vs. RAND
DPTWINQNPT vs. RAND
LWRKSPT vs. LWT
DPTWINQNPT vs. RAND
LWRKSPT vs. LWT
DPTWINQNPT vs. RAND
LWRKSPT vs. SWT
DPTWINQNPT vs. LIFO
DPTLWKR vs. LWT
LWRKSPT vs. RAND
LWRKSPT vs. RAND
LWRKSPT vs. LIFO
DPTLWKR vs. LWT
LWRKSPT vs. RAND
LWRKSPT vs. LWT
LWRKSPT vs. LIFO
COVERT vs. LWT
DPTLWKR vs. LWT
LWRKSPT vs. RAND
LWRKSPT vs. RAND
MOD vs. MPT
COVERT vs. LWT
LWRKSPT vs. SWT
LWRKSPT vs. LIFO
GP1 vs. MWRK
DPTWINQNPT vs. LWT
GP2 vs. LWT
DPTLWKR vs. LWT
LWRKSPT vs. SWT
DPTLWKR vs. LWT
LWRKSPT vs. SWT
DPTLWKR vs. LWT
LWRKSPT vs. RANDO
COVERT vs. LIFO
GOVERT vs. LWT
LWRKSPT vs. NPT
COVERT vs. NPT
LWRKS N
                                                                                                                                                                                                                                                                                                                                                                                                                                            Shaffer

1.0480645161290323E-4
1.0080645161290323E-4
1.0080645161290325E-4
1.072961373390558E-4
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.5166527662637136E-93
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6.44886041573683E-42
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2.591774470708323E-41
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7.67506550524613E-41
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                                                                                                                                                                                                                                                                                                                                                                                                                                              L.1467889908256881E-4
                                         CRSPT vs. MON
MON vs. SPMWKSPT
ATC vs. LWT
LPT vs. LWRK
MRO vs. PTWINQS
ATC vs. LIFO
LWRKMOD vs. SWT
CRSPT vs. LRO
LRO vs. SPMWKSPT
LWRKMOD vs. Randon
                                                                                                                                                           12.855769216154965
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                                                                                                                                                           12.731452904053304
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                                                                                                                                                            12.72414017981206
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                                                                                                                                                           12.665638385881898
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                                                                                                                                                           12.658325661640637
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                                                                                                                                                            12.563260246504095
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                                                                                                                                                           12.563260246504095
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                                        LWRKMOD vs. Random
LWRKMOD vs. LWT
                                                                                                                                                            12.555947522262839
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                                                                                                                                                           12.468194831367569
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                                                                                                                                                                                                                                                                                                                                                    1.17096018735363E-4
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                                       NPT vs. SPT
LIFO vs. LWRKMOD
CRSPT vs. WINQ
SPMWKSPT vs. WINQ
LWRK vs. MRO
                                                                                                                                                              12.4389439344025
                                                                                                                                                                                                                                               1.6061337083926885E-35
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                                                                                                                                                            12.300002173818315
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                                                 PTWINQ vs. SWT
                                                                                                                                                            12.248813104129448
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                                           PTWINQ vs. Random
LWT vs. PTWINQ
                                                                                                                                                           12.146434964751649
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                                                                                                                                                            12.058682273856375
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                                       DPTLWKRS vs. MWRK
LIFO vs. PTWINQ
CRSPT vs. MS
MS vs. SPMWKSPT
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                                                                                                                                                           12.022118652650004
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\frac{415}{414}
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                                           ATC vs. NPT
DPTLWKRS vs. LPT
AVPRO vs. SWT
LWRKMOD vs. NPT
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                                                                                                                                                            11.85392599510079
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\frac{413}{412}
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\frac{411}{410}
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                                                                                                                                                                                                                                                                                                                                                                                                                                             1.2224938875305625E-4
                                          AVPRO vs. Random
AVPRO vs. LWT
DPTLWKRS vs. MRO
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                                                                                                                                                           11.495602507278507
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409
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\frac{408}{407}
                                                                                                                                                           11.327409849729236
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                                                AVPRO vs. LIFO
MWRK vs. MDD
NPT vs. PTWINQ
LPT vs. MDD
MOD vs. MON
GP1 vs. SWT
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406
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405
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404
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403
                                                                                                                                                           10.735079186186287
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402
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                                                         CR vs. MWRK
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400
                                              MWRK vs. SPMWK
                                                                                                                                                           10.618075598325913
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399
                                                       MDD vs. MRO
                                                                                                                                                           10.566886528637019
                                                                                                                                                                                                                                              4.2434930421978166E-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                1.288659793814433E-4
398
                                                    GP1 vs. Random
AVPRO vs. NPT
                                                                                                                                                             10.51569745894815
                                                                                                                                                                                                                                                  7.313763917260153E-26
                                                                                                                                                                                                                                                                                                                                                 1.256281407035176E-4
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397
                                                                                                                                                            10.471821113500521
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                                    AVPRO vs. NPT
LRO vs. MOD
GP1 vs. LWT
EDD vs. MWRK
DPTWINQNPT vs. MON
CR vs. LPT
LPT vs. SPMWK
\frac{396}{395}
                                                                                                                                                           10.442570216535417
                                                                                                                                                                                                                                               1.5846123959978497E-25
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394
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393
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                               CR vs. LPT
LPT vs. SPMWK
GP1 vs. LIFO
PTWINQS vs. SWT
MOD vs. WINQ
PTWINQS vs. SWT
MOD vs. WINQ
EDD vs. LPT
GP2 vs. MON
LWT vs. PTWINQS
DPTWINQNPT vs. LRO
DPTLWKR vs. MON
LWRKSPT vs. MON
CRSPT vs. EDD
EDD vs. SPMWKSPT
LIFO vs. PTWINQS
CR vs. MRO
MRO vs. SPMWKSPT
LIFO vs. PTWINQS
CR vs. MRO
MRO vs. SPMWKSPT
CR vs. CRSPT
CR vs. CRSPT
CR vs. CRSPT
CR vs. CRSPT
CR vs. SPMWKSPT
CRSPT vs. SPMWKSPT
LWRK vs. SPMWKSPT
CR vs. SPMWKSPT
GP2 vs. LRO
LWRK vs. LRO
LWRK vs. LRO
LWRK vs. LRO
LWRK vs. LWR
DPTLWKR vs. LWR
DPTLWKR vs. WINQ
LIFO vs. LWRK
DPTLWKR vs. WINQ
LWRKSPT vs. WINQ
GP1 vs. NPT
COVERT vs. LRO
DPTWINQNPT vs. MS
COVERT vs. MINQ
GP2 vs. MS
392
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10.35481752564013
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391
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\frac{390}{389}
                                                                                                                                                            10.303628455951273
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\frac{388}{387}
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2.1103925255072036E-24
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386
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385
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384
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383
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382
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10.047683107506781
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381
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.3192612137203166E-4
.3227513227513228E-4
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I.3227513227513228E-4
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1.8298774938832855E-23
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1.3267613227513228E-4
1.366120218579235E-4
1.3850415512465375E-4
1.385041532465375E-4
1.385041532465375E-4
1.385041532465375E-4
1.48450704225352E-4
1.4084507042253522E-4
1.41424938785310735E-4
1.41424938785310735E-4
1.41424938785310735E-4
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9.981868589335335
9.923366795405144
9.923366795405144
9.879490449957538
9.87217772571627
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3.294518266092287E-23
3.294518266092287E-23
5.109204273155517E-23
5.4958261969553372E-23
8.504099826224794E-23
9.144228767269566E-23
9.144228767269566E-23
9.144228767269566E-23
1.0570987442230807E-22
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9.820988656027366
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1.3623978201634878E-4
1.369630136986303E-4
1.3698630136986303E-4
1.3774104683195594E-4
1.3714164681395594E-4
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9.78442503482102
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1.5175195907576653E-22
1.7529956500256059E-22
1.7529956500256059E-22
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9.755174137855912
9.755174137855912
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2.698786808169397E-22
3.5944619043125243E-22
7.870761871313605E-22
1.203670946806656E-21
1.596033742740125E-21
1.596033742740125E-21
2.2682597928419138E-21
2.2682597928419138E-21
2.799029269678508E-21
1.9467263690549876E-20
3.85265855888226013E-20
                                                                                                                                                            9.755174137855912
9.711297792408274
9.682046895443198
9.601606928789227
9.557730583341593
9.528479686376512
9.491916065170162
9.491916065170162
9.491916016517015
9.469977892446346
9.26522161369075
9.192094371278035
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1.381215496132598E-4
1.3850415512465375E-4
1.3858888888889E-4
1.392757660167131E-4
1.392757660167131E-4
1.400560224089636E-4
1.404494382022472E-4
1.404494382022472E-4
1.4124293785310735E-4
1.41643059490085E-4
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i	${\it algorithms}$	Table 6: Holm / $z = (R_0 - R_i)/SE$	Shaffer Table for α	=0.10	Shaffer
528 527 526	CRSPT vs. MWRK MWRK vs. SPMWKSPT CRSPT vs. LPT	20.43906425435328 20.43906425435328 20.175806181667497	7.5166527662637136E-93 7.5166527662637136E-93 1.5973780884633244E-90	1.893939393939394E-4 1.8975332068311195E-4 1.9011406844106465E-4	1.893939393939394E-4 2.0161290322580645E-4 2.0161290322580645E-4
$\frac{525}{524}$	LPT vs. SPMWKSPT CRSPT vs. MRO	20.175806181667497 20.175806181667497 19.74435545143251	1.5973780884633244E-90 8.970209925715074E-87	1.9047619047619048E-4 1.9083969465648855E-4	2.0161290322580645E-4 2.0161290322580645E-4
523 522 521	MRO vs. SPMWKSPT MWRK vs. MOD LPT vs. MOD	19.74435545143251 18.318374224384602 18.05511615169882	8.970209925715074E-87 5.905066504828441E-75 7.191050699016736E-73	1.9120458891013384E-4 1.9157088122605365E-4 1.9193857965451057E-4	2.0161290322580645E-4 $2.0161290322580645E-4$ $2.0161290322580645E-4$
520 519	DPTWINQNPT vs. MWRK DPTWINQNPT vs. LPT	17.98198890928612 17.718730836600336	2.6964418838959877E-72 3.0061836847224224E-70	1.923076923076923E-4 1.926782273603083E-4	2.0161290322580645E-4 2.0161290322580645E-4
518 517 516	GP2 vs. MWRK DPTLWKR vs. MWRK LWRKSPT vs. MWRK	17.70410538811781 17.630978145705093 17.630978145705093	3.898256530618038E-70 1.4248063354158174E-69 1.4248063354158174E-69	1.9305019305019305E-4 1.9342359767891685E-4 1.937984496124031E-4	2.0161290322580645E-4 $2.0161290322580645E-4$ $2.0161290322580645E-4$
515 514	MOD vs. MRO GP2 vs. LPT	$\begin{array}{c} 17.623665421463834 \\ 17.44084731543203 \end{array}$	1.6215003559117568E-69 4.0403912312235285E-68	1.941747572815534E-4 1.945525291828794E-4	2.0161290322580645E-4 2.0161290322580645E-4
513 512 511	COVERT vs. MWRK DPTLWKR vs. LPT LPT vs. LWRKSPT	17.36772007301933 17.367720073019314 17.367720073019314	1.4486876793988333E-67 1.4486876793992879E-67 1.4486876793992879E-67	1.9493177387914232E-4 1.953125E-4 1.9569471624266145E-4	2.0161290322580645E-4 2.0161290322580645E-4 2.0161290322580645E-4
510 509 508	CRSPT vs. SWT SPMWKSPT vs. SWT DPTWINQNPT vs. MRO	17.31653100333046 17.31653100333046 17.28728010636535	3.530070281444235E-67 3.530070281444235E-67 5.865534100902272E-67	1.9607843137254904E-4 1.9646365422396858E-4 1.9685039370078743E-4	2.0161290322580645E-4 $2.0161290322580645E-4$ $2.0161290322580645E-4$
507 506	CRSPT vs. Random Random vs. SPMWKSPT	$\begin{array}{c} 17.214152863952663 \\ 17.214152863952663 \end{array}$	2.07968584213782E-66 2.07968584213782E-66	1.9723865877712034E-4 1.976284584980237E-4	$\substack{2.0161290322580645\text{E-}4\\2.0161290322580645\text{E-}4}$
505 504 503	CRSPT vs. LWT LWT vs. SPMWKSPT COVERT vs. LPT	17.12640017305739 17.12640017305739 17.10446200033355	9.431276556526535E-66 9.431276556526535E-66 1.3746522937326906E-65	1.9801980198019803E-4 1.984126984126984E-4 1.9880715705765408E-4	2.0161290322580645E-4 $2.0161290322580645E-4$ $2.0161290322580645E-4$
$502 \\ 501 \\ 500$	GP2 vs. MRO CRSPT vs. LIFO LIFO vs. SPMWKSPT	17.00939658519704 17.002083860955786 17.002083860955786	6.995454967673981E-65 7.925187889508677E-65 7.925187889508677E-65	1.9920318725099602E-4 1.9960079840319363E-4 2.0E-4	2.0161290322580645E-4 $2.0161290322580645E-4$ $2.0161290322580645E-4$
499 498 497	DPTLWKR vs. MRO LWRKSPT vs. MRO	$\begin{array}{c} 16.936269342784325 \\ 16.936269342784325 \end{array}$	2.430582920976789E-64 2.430582920976789E-64	2.004008016032064E-4 2.0080321285140563E-4	2.0161290322580645E-4 2.0161290322580645E-4 2.0161290322580645E-4
$\frac{496}{495}$	MWRK vs. SPT COVERT vs. MRO LPT vs. SPT	16.687636718581103 16.673011270098566 16.42437864589532	1.6122768633438565E-62 2.0595246755964977E-62 1.279881233990297E-60	2.012072434607646E-4 2.0161290322580645E-4 2.0202020202020202E-4	2.0161290322580645E-4 2.145922746781116E-4
494 493 492	CRSPT vs. NPT NPT vs. SPMWKSPT ATC vs. MWRK	16.190371470174675 16.190371470174675 16.102618779279393	5.897149155698941E-59 5.897149155698941E-59 2.445320562457488E-58	2.0242914979757087E-4 2.028397565922921E-4 2.032520325203252E-4	2.145922746781116E-4 2.145922746781116E-4 2.145922746781116E-4
491 490 489	MRO vs. SPT ATC vs. LPT LWRKMOD vs. MWRK	15.992927915660333 15.83936070659361 15.780858912663456	1.431422153151208E-57 1.6650499220878463E-56 4.214142548605235E-56	2.0366598778004074E-4 2.0408163265306123E-4 2.0449897750511248E-4	2.145922746781116E-4 2.145922746781116E-4 2.145922746781116E-4
488 487 486	LPT vs. LWRKMOD ATC vs. MRO MWRK vs. PTWINQ	$\begin{array}{c} 15.517600839977673 \\ 15.407909976358622 \end{array}$	2.637285585641417E-54 1.4482035706800778E-53	2.0491803278688525E-4 2.0533880903490762E-4	$2.145922746781116E-4 \\ 2.145922746781116E-4 \\ 2.145922746781116E-4$
$\frac{485}{484}$	MOD vs. SWT LPT vs. PTWINQ	$\begin{array}{c} 15.37134635515226 \\ 15.195840973361785 \\ 15.108088282466479 \end{array}$	2.5481831537797944E-53 3.7679668477950485E-52 1.4323525997681974E-51	2.05761316872428E-4 2.061855670103093E-4 2.066115702479339E-4	2.145922746781116E-4 2.145922746781116E-4
483 482 481	MOD vs. Random LWRKMOD vs. MRO LWT vs. MOD	15.093462833983986 15.086150109742684 15.005710143088715	1.7880651099445514E-51 1.9976313069759835E-51 6.736606648361232E-51	2.0703933747412008E-4 2.0746887966804981E-4 2.079002079002079E-4	2.145922746781116E-4 2.145922746781116E-4 2.145922746781116E-4
480 479 478	LIFO vs. MOD DPTWINQNPT vs. SWT DPTWINQNPT vs. Random	14.881393830987108 14.859455658263304 14.757077518885506	4.353345924540286E-50 6.041406880083758E-50 2.7702748569412757E-49	2.083333333333335E-4 2.0876826722338206E-4 2.092050209205021E-4	$2.145922746781116E-4 \\ 2.145922746781116E-4 \\ 2.145922746781116E-4$
$\frac{477}{476}$	AVPRO vs. MWRK MRO vs. PTWINQ	$\begin{array}{c} 14.720513897679123 \\ 14.676637552231496 \end{array}$	4.760290657226556E-49 9.099200720484565E-49	2.0964360587002098E-4 2.100840336134454E-4	2.145922746781116E-4 2.145922746781116E-4
$475 \\ 474 \\ 473$	DPTWINQNPT vs. LWT GP2 vs. SWT DPTWINQNPT vs. LIFO	14.669324827990232 14.581572137094993 14.545008515888627	1.0134849158138933E-48 3.6794469234976694E-48 6.282302886241261E-48	2.105263157894737E-4 2.109704641350211E-4 2.1141649048625794E-4	2.145922746781116E-4 2.145922746781116E-4 2.145922746781116E-4
472 471 470	DPTLWKR vs. SWT LWRKSPT vs. SWT GP2 vs. Random	14.508444894682277 14.508444894682277 14.479193997717193	1.0712165196285346E-47 1.0712165196285346E-47 1.6400907046751665E-47	2.1186440677966104E-4 2.1231422505307856E-4 2.1276595744680854E-4	$2.145922746781116E-4 \\ 2.145922746781116E-4 \\ 2.145922746781116E-4$
469 468	AVPRO vs. LPT DPTLWKR vs. Random	$\frac{14.45725582499334}{14.40606675530448}$	2.2561506587662646E-47 4.739431341467844E-47	2.1321961620469085E-4 2.1367521367521368E-4	2.145922746781116E-4 2.145922746781116E-4
467 466 465	LWRKSPT vs. Random GP2 vs. LWT DPTLWKR vs. LWT	14.40606675530448 14.391441306821925 14.318314064409208	4.739431341467844E-47 5.856262300442198E-47 1.681531631488524E-46	2.1413276231263385E-4 2.145922746781116E-4 2.1505376344086021E-4	2.145922746781116E-4 2.145922746781116E-4 2.1505376344086021E-4
464 463 462	LWRKSPT vs. LWT GP2 vs. LIFO COVERT vs. SWT	14.318314064409208 14.267124994720316 14.245186821996517	1.681531631488524E-46 3.507429125398354E-46 4.802619073888099E-46	2.1551724137931037E-4 2.1598272138228944E-4 2.1645021645021645E-4	2.2831050228310504E-4 2.2831050228310504E-4 2.2831050228310504E-4
461 460 459	DPTLWKR vs. LIFO LIFO vs. LWRKSPT COVERT vs. Random	14.193997752307602 14.193997752307602 14.142808682618718	9.9803110056402E-46 9.9803110056402E-46 2.068604687799578E-45	2.1691973969631238E-4 2.173913043478261E-4 2.178649237472767E-4	2.2831050228310504E-4 2.2831050228310504E-4 2.2831050228310504E-4
$\frac{458}{457}$	MOD vs. NPT COVERT vs. LWT	$\frac{14.069681440205999}{14.055055991723446}$	5.833156751840209E-45 7.172516356356477E-45	2.183406113537118E-4 2.188183807439825E-4	2.2831050228310504E-4 2.2831050228310504E-4
$456 \\ 455 \\ 454$	AVPRO vs. MRO COVERT vs. LIFO GP1 vs. MWRK	14.025805094758354 13.93073967962184 13.740608849348765	1.0837522856664263E-44 4.1206573253614187E-44 5.7986095115452696E-43	2.192982456140351E-4 2.1978021978021978E-4 2.2026431718061675E-4	2.2831050228310504E-4 2.2831050228310504E-4 2.2831050228310504E-4
453 452 451	DPTWINQNPT vs. NPT SPT vs. SWT GP1 vs. LPT	13.733296125107518 13.565103467558286 13.477350776662982	6.414746858186121E-43 6.44886041573683E-42 2.1260446725960572E-41	2.207505518763797E-4 2.2123893805309737E-4 2.2172949002217295E-4	2.2831050228310504E-4 2.2831050228310504E-4 2.2831050228310504E-4
450 449 448	Random vs. SPT GP2 vs. NPT MWRK vs. PTWINQS	13.462725328180486 13.455412603939207 13.418848982732825	2.591774470708323E-41 2.8613762512525473E-41 4.689399928617854E-41	2.222222222222223E-4 2.2271714922048998E-4 2.2321428571428573E-4	2.2831050228310504E-4 2.2831050228310504E-4 2.2831050228310504E-4
447 446 445	DPTLWKR vs. NPT LWRKSPT vs. NPT LWT vs. SPT	13.382285361526492 13.382285361526492 13.374972637285214	7.67506550524613E-41 7.67506550524613E-41 8.468485682126693E-41	2.2371364653243848E-4 2.242152466367713E-4 2.2471910112359551E-4	2.2831050228310504E-4 2.2831050228310504E-4 2.2831050228310504E-4
$\frac{444}{443}$	LIFO vs. SPT LPT vs. PTWINQS	$\begin{array}{c} 13.25065632518361 \\ 13.155590910047044 \end{array}$	4.472744706521589E-40 1.5804308501787033E-39	2.2522522522523E-4 2.2573363431151243E-4	2.2831050228310504E-4 2.2831050228310504E-4
$442 \\ 441 \\ 440$	COVERT vs. NPT GP1 vs. MRO LWRK vs. MWRK	13.119027288840732 13.045900046427997 12.994710976739087	2.5620223543203058E-39 6.706033611212991E-39 1.3110211114797953E-38	2.2624434389140272E-4 2.2675736961451248E-4 2.27272727272727E-4	2.2831050228310504E-4 2.2831050228310504E-4 2.2831050228310504E-4
439 438 437	ATC vs. SWT ATC vs. Random CRSPT vs. MON	12.980085528256575 12.877707388878777 12.855769216154965	1.5870326025658153E-38 6.009424038525435E-38 7.982779550211199E-38	2.2779043280182233E-4 2.2831050228310504E-4 2.288329519450801E-4	2.2831050228310504E-4 2.2831050228310504E-4 2.2935779816513763E-4
436 435 434	MON vs. SPMWKSPT ATC vs. LWT	$\begin{array}{c} 12.855769216154965 \\ 12.789954697983505 \end{array}$	7.982779550211199E-38 1.8658263596475663E-37	2.2935779816513763E-4 2.2988505747126439E-4	2.2935779816513763E-4 2.2988505747126439E-4
$\frac{433}{432}$	LPT vs. LWRK MRO vs. PTWINQS ATC vs. LIFO	$\begin{array}{c} 12.731452904053304 \\ 12.72414017981206 \\ 12.665638385881898 \end{array}$	3.954119663317685E-37 4.342284178991001E-37 9.1 6 715626962332E-37	2.304147465437788E-4 2.309468822170901E-4 2.314814814815E-4	2.4271844660194176E-4 2.4271844660194176E-4 2.4271844660194176E-4
431 430 429	LWRKMOD vs. SWT CRSPT vs. LRO LRO vs. SPMWKSPT	12.658325661640637 12.563260246504095 12.563260246504095	1.0062254581428742E-36 3.361888681049268E-36 3.361888681049268E-36	2.320185614849188E-4 2.3255813953488373E-4 2.331002331002331E-4	2.4271844660194176E-4 $2.4271844660194176E-4$ $2.4271844660194176E-4$
$428 \\ 427 \\ 426$	LWRKMOD vs. Random LWRKMOD vs. LWT NPT vs. SPT	12.555947522262839 12.468194831367569 12.4389439344025	3.6874048813476035E-36 1.113192877152078E-35 1.6061337083926885E-35	2.3364485981308412E-4 2.34192037470726E-4 2.347417840375587E-4	2.4271844660194176E-4 $2.4271844660194176E-4$ $2.4271844660194176E-4$
425 424 423	LIFO vs. LWRKMOD CRSPT vs. WINQ SPMWKSPT vs. WINQ	12.34387851926596 12.336565795024697 12.336565795024697	5.256154165227323E-35 5.755899376200337E-35 5.755899376200337E-35	2.3529411764705883E-4 2.358490566037736E-4 2.364066193853428E-4	2.4271844660194176E-4 2.4271844660194176E-4 2.4271844660194176E-4
$\frac{422}{421}$	LWRK vs. MRO PTWINQ vs. SWT	$\begin{array}{c} 12.300002173818315 \\ 12.248813104129448 \end{array}$	9.057170151395426E-35 1.7047252054276365E-34	2.3696682464454977E-4 2.3752969121140142E-4	2.4271844660194176E-4 2.4271844660194176E-4
420 419 418	PTWINQ vs. Random LWT vs. PTWINQ DPTLWKRS vs. MWRK	12.146434964751649 12.058682273856375 12.022118652650004	5.992196863295284E-34 1.7455332407316236E-33 2.7190891713031434E-33	2.380952380952381E-4 2.3866348448687351E-4 2.3923444976076556E-4	2.4271844660194176E-4 2.4271844660194176E-4 2.4271844660194176E-4
$417 \\ 416 \\ 415$	LIFO vs. PTWINQ CRSPT vs. MS MS vs. SPMWKSPT	$11.934365961754771 \\ 11.927053237513505 \\ 11.927053237513505$	7.83536342322324E-33 8.554845582049767E-33 8.554845582049767E-33	2.3980815347721823E-4 2.403846153846154E-4 2.4096385542168676E-4	2.4271844660194176E-4 $2.4271844660194176E-4$ $2.4271844660194176E-4$
$414 \\ 413 \\ 412$	ATC vs. NPT DPTLWKRS vs. LPT AVPRO vs. SWT	$11.85392599510079 \\ 11.758860579964223 \\ 11.597980646656307$	2.0534010918645166E-32 6.358659862629205E-32 4.219164509725056E-31	2.4154589371980678E-4 2.4213075060532688E-4 2.4271844660194176E-4	2.4271844660194176E-4 $2.4271844660194176E-4$ $2.4271844660194176E-4$
$411 \\ 410 \\ 409$	LWRKMOD vs. NPT AVPRO vs. Random AVPRO vs. LWT	11.532166128484853 11.495602507278507 11.407849816383235	9.082918781904904E-31 1.388090723061933E-30 3.820568508960778E-30	2.4330900243309004E-4 2.4390243902439027E-4 2.444987775061125E-4	2.444987775061125E-4 2.444987775061125E-4 2.444987775061125E-4
$\frac{408}{407}$	DPTLWKRS vs. MRO AVPRO vs. LIFO MWRK vs. MDD	$\begin{array}{c} 11.327409849729236 \\ 11.28353350428163 \end{array}$	9.600179052439093E-30 1.5825887312267585E-29	2.4509803921568627E-4 2.457002457002457E-4	2.4509803921568627E-4 2.457002457002457E-4
406 405 404	NPT vs. PTWINQ LPT vs. MDD	$\begin{array}{c} 11.261595331557787 \\ 11.122653570973661 \\ 10.998337258872004 \end{array}$	2.030491891368223E-29 9.733321519800045E-29 3.8924283851072606E-28	2.4630541871921186E-4 2.469135802469136E-4 2.4752475247524753E-4	$\begin{array}{c} 2.4630541871921186\text{E-4} \\ 2.577319587628866\text{E-4} \\ 2.577319587628866\text{E-4} \end{array}$
$403 \\ 402 \\ 401$	MOD vs. MON GP1 vs. SWT CR vs. MWRK	10.735079186186287 10.618075598325948 10.618075598325913	6.965922402395772E-27 2.455713750321965E-26 2.455713750322898E-26	2.4813895781637717E-4 2.487562189054727E-4 2.493765586034913E-4	2.577319587628866E-4 2.577319587628866E-4 2.577319587628866E-4
400 399 398	MWRK vs. SPMWK MDD vs. MRO GP1 vs. Random	10.618075598325913 10.566886528637019 10.51569745894815	2.455713750322898E-26 4.2434930421978166E-26 7.313763917260153E-26	2.5E-4 $2.506265664160401E-4$ $2.512562814070352E-4$	2.577319587628866E-4 2.577319587628866E-4 2.577319587628866E-4
397 396 395	AVPRO vs. NPT LRO vs. MOD GP1 vs. LWT	$10.471821113500521 \\ 10.442570216535417 \\ 10.427944768052878$	1.1638217952790091E-25 1.5846123959978497E-25 1.848430797867702E-25	2.5188916876574307E-4 2.525252525252525E-4 2.5316455696202533E-4	2.577319587628866E-4 2.577319587628866E-4 2.577319587628866E-4
394 393 392	EDD vs. MWRK DPTWINQNPT vs. MON CR vs. LPT	10.406006595329043 10.398693871087806 10.35481752564013	2.327827285512929E-25 2.5135482816719483E-25 3.979446523045468E-25	2.538071065989848E-4 2.544529262086514E-4 2.5510204081632655E-4	2.577319587628866E-4 2.577319587628866E-4 2.577319587628866E-4
391 390	LPT vs. SPMWK GP1 vs. LIFO	$\begin{array}{c} 10.35481752564013 \\ 10.303628455951273 \end{array}$	3.979446523045468E-25 6.7852626316510735E-25	2.5575447570332484E-4 2.564102564102564E-4	2.577319587628866E-4 2.577319587628866E-4
389 388 387	PTWINQS vs. SWT MOD vs. WINQ PTWINQS vs. Random	10.296315731710012 10.215875765056019 10.193937592332214	7.321176484041274E-25 1.6835196322277938E-24 2.1103925255072036E-24	2.5706940874035993E-4 2.577319587628866E-4 2.583979328165375E-4	2.577319587628866E-4 2.577319587628866E-4 2.604166666666666E-4
386 385 384	EDD vs. LPT GP2 vs. MON LWT vs. PTWINQS	10.14274852264326 10.120810349919497 10.10618490143694	3.569134663899755E-24 4.467017317959877E-24 5.186476179571296E-24	2.5906735751295336E-4 2.5974025974025974E-4 2.60416666666666E-4	2.60416666666666666664 2.604166666666666666 2.6041666666666666
383 382 381	DPTWINQNPT vs. LRO DPTLWKR vs. MON LWRKSPT vs. MON	10.106184901436936 10.047683107506781 10.047683107506781	5.1864761795714815E-24 9.4052651975803E-24 9.4052651975803E-24	2.610966057441253E-4 2.617801047120419E-4 2.6246719160104987E-4	2.617801047120419E-4 2.617801047120419E-4 2.6246719160104987E-4
380 379 378	CRSPT vs. EDD EDD vs. SPMWKSPT LIFO vs. PTWINQS	10.033057659024236 10.033057659024236 9.981868589335335	1.0908515052359761E-23 1.0908515052359761E-23 1.8298774938832855E-23	2.631578947368421E-4 2.638522427440633E-4 2.6455026455026457E-4	2.631578947368421E-4 2.638522427440633E-4 2.6455026455026457E-4
$\frac{377}{376}$	CR vs. MRO MRO vs. SPMWK	9.923366795405144 9.923366795405144	3.294518266092287E-23 3.294518266092287E-23	2.6525198938992045E-4 2.6595744680851064E-4	2.73224043715847E-4 2.73224043715847E-4
375 374 373	DPTWINQNPT vs. WINQ LWRK vs. SWT GP2 vs. LRO	9.879490449957538 9.87217772571627 9.828301380268627	5.109204273155517E-23 5.495826196953372E-23 8.504099826224794E-23	2.66666666666667E-4 2.6737967914438503E-4 2.6809651474530834E-4	2.73224043715847E-4 2.73224043715847E-4 2.73224043715847E-4
$372 \\ 371 \\ 370$	CR vs. CRSPT CR vs. SPMWKSPT CRSPT vs. SPMWK	9.820988656027366 9.820988656027366 9.820988656027366	9.144228767269566E-23 9.144228767269566E-23 9.144228767269566E-23	2.6881720430107527E-4 2.6954177897574127E-4 2.702702702702703E-4	2.73224043715847E-4 2.73224043715847E-4 2.73224043715847E-4
369 368 367	SPMWK vs. SPMWKSPT MOD vs. MS COVERT vs. MON	9.820988656027366 9.806363207544827 9.78442503482102	9.144228767269566E-23 1.0570987442230807E-22 1.3133963169393532E-22	2.7100271002710027E-4 2.717391304347826E-4 2.7247956403269756E-4	2.73224043715847E-4 2.73224043715847E-4 2.73224043715847E-4
366 365 364	LWRK vs. Random DPTLWKR vs. LRO LRO vs. LWRKSPT	9.76979958633847 9.755174137855912 9.755174137855912	1.5175195907576653E-22 1.7529956500256059E-22 1.7529956500256059E-22	2.73224043715847E-4 2.7397260273972606E-4 2.747252747252747E-4	2.73224043715847E-4 2.770083102493075E-4
$\frac{363}{362}$	EDD vs. MRO LWRK vs. LWT	9.711297792408274 9.682046895443198	2.698786808169397E-22 3.5944619043125243E-22	2.754820936639119E-4 2.7624309392265195E-4	2.770083102493075E-4 2.770083102493075E-4 2.770083102493075E-4
361 360 359	GP2 vs. WINQ LIFO vs. LWRK DPTLWKR vs. WINQ	9.601606928789227 9.557730583341593 9.528479686376512	7.870761871313605E-22 1.203670946806656E-21 1.596033742740125E-21	2.770083102493075E-4 2.77777777777778E-4 2.785515320334262E-4	2.770083102493075E-4 2.793296089385475E-4 2.793296089385475E-4
358 357 356	LWRKSPT vs. WINQ GP1 vs. NPT COVERT vs. LRO	9.528479686376512 9.491916065170162 9.49191606517015	1.596033742740125E-21 2.2682597928419138E-21 2.268259792842191E-21	2.793296089385475E-4 2.801120448179272E-4 2.808988764044944E-4	2.793296089385475E-4 2.801120448179272E-4 2.8169014084507044E-4
355 354 353	DPTWINQNPT vs. MS COVERT vs. WINQ GP2 vs. MS	9.469977892446346 9.26522161369075 9.192094371278035	2.799029269678508E-21 1.9467263690549876E-20 3.8526585588226013E-20	2.8169014084507044E-4 2.824858757062147E-4 2.8328611898017E-4	2.8169014084507044E-4 2.824858757062147E-4 2.8328611898017E-4
250	CDCDT MDD	0.127468092705402	4 41249778007566F 20	2.0020011090017E-4	2.8400000000000012E 4

i 1 2 3	hypothesis CRSPT vs .MWRK MWRK vs .SPMWKSPT CRSPT vs .LPT	unadjusted p 7.5166527662637136E-93 7.5166527662637136E-93	e 7: Adjusted p-valu ***p_Neme** 3.968792660587241E-90 3.968792660587241E-90 8.434156307086355E-88	$\begin{array}{c} p_{Holm} \\ 3.968792660587241\text{E-90} \\ 3.968792660587241\text{E-90} \end{array}$	$\begin{array}{ccc} PShaf & PBe \\ \hline 3.968792660587241E-90 & 0.0 \\ 3.968792660587241E-90 & 0.0 \\ 7.92995318778089E-88 & 0.0 \\ \hline \end{array}$
3	CRSPT vs .LPT	1.5973780884633244E-90	8.434156307086353E-88	8.402208745317087E-88	7.922995318778089E-88 0.6
4	LPT vs .SPMWKSPT	1.5973780884633244E-90	8.434156307086353E-88	8.402208745317087E-88	7.922995318778089E-88 0.6
5	CRSPT vs .MRO	8.970209925715074E-87	4.736270840777558E-84	4.700390001074698E-84	4.449224123154677E-84 0.6
6	MRO vs .SPMWKSPT	8.970209925715074E-87	4.736270840777558E-84	4.700390001074698E-84	4.449224123154677E-84 0.6
7	MWRK vs .MOD LPT vs .MOD DPTWINQNPT vs .MWRK	5.905066504828441E-75	3.117875114549417E-72	3.082444715520446E-72	2.9289129863949064E-72 0.0
8		7.191050699016736E-73	3.796874769080837E-70	3.74653741418772E-70	3.566761146712301E-70 0.1
9		2.6964418838959877E-72	1.4237213146970815E-69	1.4021497796259135E-69	1.3374351744124099E-69 0.0
10	DPTWINQNPT vs .LPT	3.0061836847224224E-70	1.587264985533439E-67	1.560209332370937E-67	1.4910671076223216E-67 0.0
11	GP2 vs .MWRK	3.898256530618038E-70	2.058279448166324E-67	2.0192968828601435E-67	1.933535239186547E-67 0.0
12	DPTLWKR vs .MWRK	1.4248063354158174E-69	7.522977450995516E-67	7.366248754099776E-67	7.067039423662454E-67 0.0
13	LWRKSPT vs .MWRK MOD vs .MRO GP2 vs .LPT	1.4248063354158174E-69	7.522977450995516E-67	7.366248754099776E-67	7.067039423662454E-67 0.0
14		1.6215003559117568E-69	8.561521879214076E-67	8.350726832945548E-67	8.042641765322314E-67 0.0
15		4.0403912312235285E-68	2.133326570086023E-65	2.0767610928488938E-65	2.00403405068687E-65 0.0
16	COVERT vs .MWRK	1.4486876793988333E-67	7.64907094722584E-65	7.431767795316015E-65	7.1854908898182134E-65 0.0
17	DPTLWKR vs .LPT	1.4486876793992879E-67	7.64907094722824E-65	7.431767795316015E-65	7.185490889820468E-65 0.0
18	LPT vs .LWRKSPT	1.4486876793992879E-67	7.64907094722824E-65	7.431767795316015E-65	7.185490889820468E-65 0.0
19	CRSPT vs .SWT	3.530070281444235E-67	1.863877108602556E-64	1.8003358435365598E-64	1.7509148595963405E-64 0.0
20	SPMWKSPT vs .SWT	3.530070281444235E-67	1.863877108602556E-64	1.8003358435365598E-64	1.7509148595963405E-64
21	DPTWINQNPT vs .MRO	5.865534100902272E-67	3.0970020052764E-64	2.9796913232583542E-64	2.909304914047527E-64
22	CRSPT vs .Random	2.07968584213782E-66	1.098074124648769E-63	1.0544007219638748E-63	1.0315241777003588E-63
23	Random vs .SPMWKSPT	2.07968584213782E-66	1.098074124648769E-63	1.0544007219638748E-63	1.0315241777003588E-63 0.0
24	CRSPT vs .LWT	9.431276556526535E-66	4.979714021846011E-63	4.7627946610459006E-63	4.6779131720371615E-63 0.0
25	LWT vs .SPMWKSPT	9.431276556526535E-66	4.979714021846011E-63	4.7627946610459006E-63	4.6779131720371615E-63 0.0
26 27 28 29	COVERT vs .LPT GP2 vs .MRO CRSPT vs .LIFO	1.3746522937326906E-65 6.995454967673981E-65 7.925187889508677E-65	7.258164110908606E-63 3.693600222931862E-62 4.184499205660582E-62	6.914501037475433E-63 3.5117183937723384E-62 3.970519132643848E-62	6.818275376914145E-63 0.0 3.469745663966295E-62 0.0 3.930893193196304E-62 0.0 3.930893193196304E-62 0.0
30 31 32	LIFO vs .SPMWKSPT DPTLWKR vs .MRO LWRKSPT vs .MRO MWRK vs .SPT	7.925187889508677E-65 2.430582920976789E-64 2.430582920976789E-64 1.6122768633438565E-62	4.184499205660582E-62 1.2833477822757446E-61 1.2833477822757446E-61 8.512821838455562E-60	3.970519132643848E-62 1.2128608775674177E-61 1.2128608775674177E-61 8.013016010818967E-60	3.930893193196304E-62 0.0 1.2055691288044873E-61 0.0 1.2055691288044873E-61 0.0 7.996893242185528E-60 0.0
33	COVERT vs .MRO	2.0595246755964977E-62	1.0874290287149508E-59	1.0215242390958628E-59	1.0215242390958628E-59 0.0
34	LPT vs .SPT	1.279881233990297E-60	6.757772915468768E-58	6.3354121082519706E-58	5.964246550394784E-58 0.0
35	CRSPT vs .NPT	5.897149155698941E-59	3.113694754209041E-56	2.9131916829152767E-56	2.7480715065557064E-56 0.0
36	NPT vs .SPMWKSPT	5.897149155698941E-59	3.113694754209041E-56	2.9131916829152767E-56	2.7480715065557064E-56 0.0
37	ATC vs .MWRK	2.445320562457488E-58	1.2911292569775537E-55	1.2030977167290841E-55	1.1395193821051894E-55 0.0
38	MRO vs .SPT	1.431422153151208E-57	7.557908968638379E-55	7.028282771972432E-55	6.67042723368463E-55 0.0
39	ATC vs .LPT	1.6650499220878463E-56	8.791463588623828E-54	8.158744618230447E-54	7.759132636929364E-54 0.0
40	LWRKMOD vs .MWRK	4.214142548605235E-56	2.225067265663564E-53	2.06071570626796E-53	1.9637904276500395E-53 0.0
41	LPT vs .LWRKMOD	2.637285585641417E-54	1.3924867892186685E-51	1.2869953657930117E-51	1.2289750829089005E-51 0.0
42	ATC vs .MRO	1.4482035706800778E-53	7.64651485319081E-51	7.052751389211978E-51	6.748628639369163E-51 0.0
43	MWRK vs .PTWINQ MOD vs .SWT LPT vs .PTWINQ	2.5481831537797944E-53	1.3454407051957314E-50	1.23841701273698E-50	1.1874533496613843E-50 0.0
44		3.7679668477950485E-52	1.9894864956357854E-49	1.8274639211805986E-49	1.7558725510724926E-49 0.0
45		1.4323525997681974E-51	7.562821726776083E-49	6.932586582878075E-49	6.6747631149198E-49 0.0
46 47 48	MOD vs .Random LWRKMOD vs .MRO LWT vs .MOD	$1.7880651099445514E-51 \\ 1.9976313069759835E-51 \\ 6.736606648361232E-51$	9.440983780507231E-49 1.0547493300833193E-48 3.5569283103347304E-48	$8.636354481032184E-49 \\ 9.62858289962424E-49 \\ 3.2403077978617525E-48$	8.33238341234161E-49 0.0 9.308961890508083E-49 0.0 3.139258698136334E-48 0.0
49 50 51 52	LIFO vs .MOD DPTWINQNPT vs .SWT DPTWINQNPT vs .Random AVPRO vs .MWRK	4.353345924540286E-50 6.041406880083758E-50 2.7702748569412757E-49	2.298566648157271E-47 3.189862832684224E-47 1.4627051244649936E-46	2.089606043779337E-47 2.89383389556012E-47 1.3241913816179297E-46	2.028659200835773E-47 0.0 2.815295606119031E-47 0.0 1.2909480833346344E-46 0.0 2.218295446267575E-46 0.0
53 54 55	MRO vs .PTWINQ DPTWINQNPT vs .LWT GP2 vs .SWT	4.760290657226556E-49 9.099200720484565E-49 1.0134849158138933E-48 3.6794469234976694E-48	2.5134334670156216E-46 4.80437798041585E-46 5.351200355497357E-46 1.9427479756067694E-45	2.2706586434970674E-46 4.331219542950653E-46 4.814053350115993E-46 1.7440578417378953E-45	2.218295446267575E-46 0.0 4.240227535745807E-46 0.0 4.722839707692743E-46 0.0 1.7146222663499138E-45 0.0
56 57 58	DPTWINQNPT vs .LIFO DPTLWKR vs .SWT LWRKSPT vs .SWT	$\substack{6.282302886241261\text{E}-48\\1.0712165196285346\text{E}-47\\1.0712165196285346\text{E}-47}$	3.317055923935386E-45 5.656023223638663E-45 5.656023223638663E-45	$\begin{array}{c} 2.9715292651921164\text{E-}45\\ 5.056141972646683\text{E-}45\\ 5.056141972646683\text{E-}45 \end{array}$	2.9275531449884276E-45 0.0 4.991868981468971E-45 0.0 4.991868981468971E-45 0.0
59	GP2 vs .Random	1.6400907046751665E-47	8.65967892068488E-45	7.708426311973283E-45	7.642822683786276E-45 0.0
60	AVPRO vs .LPT	2.2561506587662646E-47	1.1912475478285878E-44	1.0581346589613781E-44	1.0513662069850792E-44 0.0
61	DPTLWKR vs .Random	4.739431341467844E-47	2.5024197482950216E-44	2.218053867806951E-44	2.2085750051240152E-44 0.0
62	LWRKSPT vs .Random	4.739431341467844E-47	2.5024197482950216E-44	2.218053867806951E-44	2.2085750051240152E-44 0.0
63	GP2 vs .LWT	5.856262300442198E-47	3.0921064946334805E-44	2.729018232006064E-44	2.729018232006064E-44 0.0
64	DPTLWKR vs .LWT	1.681531631488524E-46	8.878487014259407E-44	7.819122086421636E-44	7.819122086421636E-44 0.0
65	LWRKSPT vs .LWT	1.681531631488524E-46	8.878487014259407E-44	7.819122086421636E-44	7.819122086421636E-44 0.0
66	GP2 vs .LIFO	3.507429125398354E-46	1.8519225782103306E-43	1.6239396850594377E-43	1.5362539569244788E-43 0.0
67	COVERT vs .SWT	4.802619073888099E-46	2.5357828710129164E-43	2.218810012136302E-43	2.1035471543629874E-43 0.0
68	DPTLWKR vs .LIFO	9.9803110056402E-46	5.2696042109780256E-43	4.600923373600133E-43	4.3713762204704076E-43 0.0
69	LIFO vs .LWRKSPT	9.9803110056402E-46	5.2696042109780256E-43	4.600923373600133E-43	4.3713762204704076E-43 0.0 9.060488532562151E-43 0.0 2.5549226573060117E-42 0.0
70	COVERT vs .Random	2.068604687799578E-45	1.0922232751581772E-42	9.494895517000063E-43	
71	MOD vs .NPT	5.833156751840209E-45	3.0799067649716305E-42	2.671585792342816E-42	
72	COVERT vs .LWT	7.172516356356477E-45	3.7870886361562196E-42	3.27783997485491E-42	3.141562164084137E-42 0.0
73	AVPRO vs .MRO	1.0837522856664263E-44	5.7222120683187306E-42	4.941910422638904E-42	4.746835011218947E-42 0.0
74	COVERT vs .LIFO	4.1206573253614187E-44	2.175707067790829E-41	1.8748990830394455E-41	1.8048479085083014E-41 0.0
75	GP1 vs .MWRK	5.7986095115452696E-43	3.0616658220959024E-40	2.6325687182415523E-40	2.539790966056828E-40 0.0
76 77 78	DPTWINQNPT vs .NPT SPT vs .SWT GP1 vs .LPT	6.414746858186121E-43 6.44886041573683E-42 2.1260446725960572E-41	3.386986341122272E-40 3.4049982995090465E-39 1.1225515871307182E-38	2.905880326758313E-40 2.905880326758313E-40 2.9148849079130473E-39 9.588461473408218E-39	2.8096591238855212E-40 0.0 2.8246008620927315E-39 0.0 9.312075665970731E-39 0.0
79	Random vs .SPT	2.591774470708323E-41	1.3684569205339944E-38	1.1662985118187452E-38	1.1351972181702454E-38 0.0
80	GP2 vs .NPT	2.8613762512525473E-41	1.510806660661345E-38	1.2847579368123937E-38	1.2532827980486158E-38 0.0
81	MWRK vs .PTWINQS	4.689399928617854E-41	2.476003162310227E-38	2.1008511680207985E-38	2.05395716873462E-38 0.0
82	DPTLWKR vs .NPT	7.67506550524613E-41	4.052434586769957E-38	3.43075428084502E-38	3.361678691297805E-38 0.0
83	LWRKSPT vs .NPT	7.67506550524613E-41	4.052434586769957E-38	3.43075428084502E-38	3.361678691297805E-38 0.0
84	LWT vs .SPT	8.468485682126693E-41	4.4713604401628943E-38	3.768476128546379E-38	3.7091967287714917E-38 0.0
85	LIFO vs .SPT	4.472744706521589E-40	2.361609205043399E-37	1.9858986496955856E-37	1.959062181456456E-37 0.0
86	LPT vs .PTWINQS	1.5804308501787033E-39	8.344674888943553E-37	7.001308666291655E-37	6.92228712378272E-37 0.0
87	COVERT vs .NPT	2.5620223543203058E-39	1.3527478030811214E-36	1.1324138806095752E-36	1.1221657911922939E-36 0.0
88	GP1 vs .MRO	6.706033611212991E-39	3.540785746720459E-36	2.9573608225449287E-36	2.9372427217112898E-36 0.0
89	LWRK vs .MWRK ATC vs .SWT ATC vs .Random	1.3110211114797953E-38	6.922191468613319E-36	5.768492890511099E-36	5.742272468281503E-36 0.0
90		1.5870326025658153E-38	8.379532141547505E-36	6.967073125263929E-36	6.951202799238271E-36 0.0
91		6.009424038525435E-38	3.1729758923414295E-35	2.6321277288741406E-35	2.6321277288741406E-35 0.0
92	CRSPT vs .MON	7.982779550211199E-38	4.214907602511513E-35	3.4884746634422943E-35	3.4804918838920827E-35 0.0
93	MON vs .SPMWKSPT	7.982779550211199E-38	4.214907602511513E-35	3.4884746634422943E-35	3.4804918838920827E-35 0.0
94	ATC vs .LWT	1.8658263596475663E-37	9.85156317893915E-35	8.116344664466913E-35	8.116344664466913E-35 0.0
95	LPT vs .LWRK	3.954119663317685E-37	2.087775182231738E-34	1.7160879338798755E-34	1.6290973012868864E-34 0.0
96	MRO vs .PTWINQS	4.342284178991001E-37	2.2927260465072483E-34	1.8802090495031034E-34	1.7890210817442925E-34 0.0
97	ATC vs .LIFO	9.16715626962332E-37	4.840258510361113E-34	3.960211508477274E-34	3.7768683830848076E-34 0.0
98	LWRKMOD vs .SWT	1.0062254581428742E-36	5.312870418994376E-34	4.336831724595788E-34	4.145648887548642E-34 0.0
99	CRSPT vs .LRO LRO vs .SPMWKSPT LWRKMOD vs .Random	3.361888681049268E-36	1.7750772235940135E-33	1.445612132851185E-33	1.3850981365922982E-33 0.0
100		3.361888681049268E-36	1.7750772235940135E-33	1.445612132851185E-33	1.3850981365922982E-33 0.1
101		3.6874048813476035E-36	1.9469497773515348E-33	1.5782092892167742E-33	1.5192108111152126E-33 0.0
$102 \\ 103 \\ 104$	LWRKMOD vs .LWT	1.113192877152078E-35	5.877658391362972E-33	4.753333585439373E-33	4.5863546538665614E-33 0.0
	NPT vs .SPT	1.6061337083926885E-35	8.480385980313396E-33	6.842129597752852E-33	6.617270878577876E-33 0.0
	LIFO vs .LWRKMOD	5.256154165227323E-35	2.775249399240027E-32	2.2338655202216123E-32	2.165535516073657E-32 0.0
105	CRSPT vs .WINQ SPMWKSPT vs .WINQ LWRK vs .MRO	5.755899376200337E-35	3.039114870633778E-32	2.440501335508943E-32	2.371430542994539E-32 0.0
106		5.755899376200337E-35	3.039114870633778E-32	2.440501335508943E-32	2.371430542994539E-32 0.0
107		9.057170151395426E-35	4.782185839936785E-32	3.82212580388887E-32	3.731554102374915E-32 0.0
108	PTWINQ vs .SWT PTWINQ vs .Random LWT vs .PTWINQ DPTLWKRS vs .MWRK	1.7047252054276365E-34	9.000949084657921E-32	7.17689311485035E-32	7.023467846361863E-32 0.0
109		5.992196863295284E-34	3.16387994381991E-31	2.5167226825840195E-31	2.468785107677657E-31 0.0
110		1.7455332407316236E-33	9.216415511062972E-31	7.313784278665503E-31	7.1915969518142894E-31 0.0
111		2.7190891713031434E-33	1.4356790824480597E-30	1.1365792736047139E-30	1.120264738576895E-30 0.0
112	LIFO vs .PTWINQ	7.83536342322324E-33	4.137071887461871E-30	3.267346547484091E-30	3.228169730367975E-30 0.0
113	CRSPT vs .MS	8.554845582049767E-33	4.516958467322277E-30	3.558815762132703E-30	3.5245963798045044E-30 0.0
114	MS vs .SPMWKSPT	8.554845582049767E-33	4.516958467322277E-30	3.558815762132703E-30	3.5245963798045044E-30 0.0
115	ATC vs .NPT	$\begin{array}{c} 2.0534010918645166\text{E}\text{-}32\\ 6.358659862629205\text{E}\text{-}32\\ 4.219164509725056\text{E}\text{-}31 \end{array}$	1.0841957765044647E-29	8.501080520319098E-30	8.460012498481808E-30 0.0
116	DPTLWKRS vs .LPT		3.3573724074682203E-29	2.6261265232658613E-29	2.6197678634032323E-29 0.0
117	AVPRO vs .SWT		2.2277188611348296E-28	1.7382957780067231E-28	1.7382957780067231E-28 0.0
118 119 120 121	LWRKMOD vs .NPT AVPRO vs .Random AVPRO vs .LWT DPTLWKRS vs .MRO	9.082918781904904E-31 1.388090723061933E-30 3.820568508960778E-30	4.79578111684579E-28 7.329119017767006E-28 2.017260172731291E-27	3.7330796193629158E-28 5.691171964553925E-28 1.5626125201649582E-27	3.714913781799106E-28 0.0 5.677291057323306E-28 0.0 1.5626125201649582E-27 0.0 3.91687305339515E-27 0.0
122 123 124	AVPRO vs .LIFO MWRK vs .MDD NPT vs .PTWINQ	9.600179052439093E-30 1.5825887312267585E-29 2.030491891368223E-29 9.733321519800045E-29	5.068894539687841E-27 8.356068500877285E-27 1.0720997186424217E-26 5.139193762454424E-26	3.91687305339515E-27 6.441136136092907E-27 8.243797078954986E-27 3.9419952155190185E-26	3.91687305339515E-27 0.0 6.441136136092907E-27 0.0 8.243797078954986E-27 0.0 3.776528749682418E-26 0.0
$125 \\ 126 \\ 127$	LPT vs .MDD	3.8924283851072606E-28	2.0552021873366337E-25	1.5725410675833332E-25	1.510262213421617E-25 0.0
	MOD vs .MON	6.965922402395772E-27	3.678007028464968E-24	2.807266728165496E-24	2.7027778921295594E-24 0.0
	GP1 vs .SWT	2.455713750321965E-26	1.2966168601699975E-23	9.871969276294299E-24	9.528169351249224E-24 0.0
128	CR vs .MWRK	2.455713750322898E-26	1.29661686017049E-23	9.871969276294299E-24	9.528169351252844E-24 0.0
129	MWRK vs .SPMWK	2.455713750322898E-26	1.29661686017049E-23	9.871969276294299E-24	9.528169351252844E-24 0.0
130	MDD vs .MRO	4.2434930421978166E-26	2.240564326280447E-23	1.6931537238369287E-23	1.646475300372753E-23 0.0
131	GP1 vs .Random	7.313763917260153E-26	3.8616673483133605E-23	2.910878039069541E-23	2.8377403998969395E-23 0.0
131	GP1 vs .Random	7.313763917260153E-26	3.8616673483133605E-23	2.910878039069541E-23	2.837740399999395E-23 0.0
132	AVPRO vs .NPT	1.1638217952790091E-25	6.144979079073168E-23	4.6203725272576664E-23	4.5156285656825554E-23 0.0
133	LRO vs .MOD	1.5846123959978497E-25	8.366753450868646E-23	6.275065088151485E-23	6.148296096471657E-23 0.0
134	GP1 vs .LWT	1.848430797867702E-25	9.759714612741466E-23	7.301301651577422E-23	7.171911495726684E-23 0.0
135	EDD vs .MWRK	2.327827285512929E-25	$\substack{1.2290928067508266\text{E}-22\\1.3271534927227888\text{E}-22\\2.1011477641680071\text{E}-22}$	9.17163950492094E-23	9.031969867790164E-23 0.0
136	DPTWINQNPT vs .MON	2.5135482816719483E-25		9.878244746970757E-23	9.752567332887159E-23 0.0
137	CR vs .LPT	3.979446523045468E-25		1.5599430370338235E-22	1.5440252509416416E-22 0.0
138	LPT vs .SPMWK	3.979446523045468E-25	2.1011477641680071E-22	1.5599430370338235E-22	1.5440252509416416E-22 0.0
139	GP1 vs .LIFO	6.7852626316510735E-25	3.5826186695117667E-22	2.6462524263439185E-22	2.6326819010806165E-22 0.0
140	PTWINQS vs .SWT	7.321176484041274E-25	3.865581183573793E-22	2.8479376522920555E-22	2.8406164758080145E-22 0.0
141	MOD vs .WINQ	1.6835196322277938E-24	8.88898365816275E-22	6.53205617304384E-22	6.53205617304384E-22 0.0
142	PTWINQS vs .Random	2.1103925255072036E-24	1.1142872534678035E-21	8.167219073712878E-22	8.103907297947662E-22 0.0
143	EDD vs .LPT	3.569134663899755E-24	1.8845031025390705E-21	1.3776859802653054E-21	1.3705477109375058E-21 0.0
144	GP2 vs .MON	4.467017317959877E-24	2.358585143882815E-21	1.7198016674145524E-21	1.7153346500965928E-21 0.0
145	LWT vs .PTWINQS	5.186476179571296E-24	2.738459422813644E-21	1.9916068529553774E-21	1.9916068529553774E-21 0.0
146	DPTWINQNPT vs .LRO	5.1864761795714815E-24	2.738459422813742E-21	1.9916068529553774E-21	1.9916068529553774E-21 0.0
147	DPTLWKR vs .MON	9.4052651975803E-24	4.965980024322399E-21	3.5928113054756745E-21	3.5928113054756745E-21 0.0
148 149 150	LWRKSPT vs .MON CRSPT vs .EDD EDD vs .SPMWKSPT	9.4052651975803E-24 1.0908515052359761E-23 1.0908515052359761E-23	$4.965980024322399E-21 \\ 5.759695947645954E-21 \\ 5.759695947645954E-21$	$3.5928113054756745E-21 \ 4.1452357198967094E-21 \ 4.1452357198967094E-21$	3.5928113054756745E-21 0.0 4.1452357198967094E-21 0.0 4.1452357198967094E-21 0.0
151 152 153	LIFO vs .PTWINQS CR vs .MRO MRO vs .SPMWK	1.8298774938832855E-23 3.294518266092287E-23 3.294518266092287E-23 5.109204273155517E-23	9.661753167703747E-21 1.7395056444967276E-20 1.7395056444967276E-20 2.697659856226113E-20	6.916936926878819E-21 1.2420333863167922E-20 1.2420333863167922E-20 1.915951602433319E-20	6.916936926878819E-21 0.0 1.2057936853897771E-20 0.0 1.2057936853897771E-20 0.0 1.869687639770193F-20 0.0
154	DPTWINQNPT vs .WINQ	5.109204273155517E-23	2.697659856226113E-20	1.915951602433319E-20	1.8699687639749193E-20 0.0
155	LWRK vs .SWT	5.495826196953372E-23	2.90179623199138E-20	2.055438997660561E-20	2.0114723880849342E-20 0.0
156	GP2 vs .LRO	8.504099826224794E-23	4.4901647082466915E-20	3.1720292351818485E-20	3.112500536398275E-20 0.0
157	CR vs .CRSPT	9.144228767269566E-23	4.828152789118331E-20	3.4016531014242784E-20	3.346787728820661E-20 0.0
157	CR vs .CRSPT CR vs .SPMWKSPT CRSPT vs .SPMWK SPMWK vs .SPMWKSPT	9.144228767269566E-23	4.828152789118331E-20	3.4016531014242784E-20	3.346787728820661E-20 0.0
158		9.144228767269566E-23	4.828152789118331E-20	3.4016531014242784E-20	3.346787728820661E-20 0.0
159		9.144228767269566E-23	4.828152789118331E-20	3.4016531014242784E-20	3.346787728820661E-20 0.0
160		9.144228767269566E-23	4.828152789118331E-20	3.4016531014242784E-20	3.346787728820661E-20 0.0
161	MOD vs .MS	1.0570987442230807E-22	5.581481369497866E-20	3.890123378740937E-20	3.868981403856475E-20 0.0
162	COVERT vs .MON	1.3133963169393532E-22	6.934732553439785E-20	4.820164483167426E-20	4.807030519998033E-20 0.0
163	LWRK vs .Random	1.5175195907576653E-22	8.012503439200473E-20	5.554121702173055E-20	5.554121702173055E-20 0.0
164	DPTLWKR vs .LRO LRO vs .LWRKSPT EDD vs .MRO	1.7529956500256059E-22	9.255817032135199E-20	6.398434122593461E-20	6.328314296592437E-20 0.0
165		1.7529956500256059E-22	9.255817032135199E-20	6.398434122593461E-20	6.328314296592437E-20 0.0
166		2.698786808169397E-22	1.4249594347134415E-19	9.796596113654911E-20	9.742620377491522E-20 0.0
167	LWRK vs .LWT	3.5944619043125243E-22	1.8978758854770127E-19	1.3011952093611338E-19	1.2976007474568213E-19 0.0
168	GP2 vs .WINQ	7.870761871313605E-22	4.1557622680535836E-19	2.8413450355442115E-19	2.8413450355442115E-19 0.0
169	LIFO vs .LWRK	1.2036709468066656E-21	6.355382599139195E-19	4.3332154085039963E-19	4.309141989567863E-19 0.0
170	DPTLWKR vs .WINQ	1.596033742740125E-21	8.42705816166786E-19	5.729761136437049E-19	5.713800799009647E-19 0.0
170	DPTLWRR vs .WINQ	1.596033742740125E-21	8.42705816166786E-19	5.729761136437049E-19	5.713800799009647E-19 0.0
171	LWRKSPT vs .WINQ	1.596033742740125E-21	8.42705816166786E-19	5.729761136437049E-19	5.713800799009647E-19 0.0
172	GP1 vs .NPT	2.2682597928419138E-21	1.1976411706205305E-18	8.097687460445632E-19	8.097687460445632E-19 0.0
173	COVERT vs .LRO	2.268259792842191E-21	1.1976411706206769E-18	8.097687460445632E-19	8.097687460445632E-19 0.0
174	DPTWINQNPT vs .MS	2.799029269678508E-21	1.4778874543902522E-18	9.936553907358703E-19	9.936553907358703E-19 0.0
175	COVERT vs .WINQ	1.9467263690549876E-20	1.0278715228610334E-17	6.891411346454656E-18	6.891411346454656E-18 0.0