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!!!! Schaffer
#mws Runtime: 0.419 secs
#sa Runtime: 0.134 secs
#de Runtime: 0.332 secs
#psa Runtime: 0.184 secs
#ga Runtime: 62.561 secs

rank , name , med , iqr
1 , de , 0 , 0 (*)
1 , psa , 0 , 0 (*)
1 , sa , 0 , 0 (*)
1 , ga , 0 , 0 (*)
15 2 , mws , 6 , 23 ( *
-----
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.00, 0.00, 0.00

!!!! Fonseca
#mws Runtime: 0.424 secs
#sa Runtime: 0.253 secs
#de Runtime: 0.502 secs
#psa Runtime: 0.290 secs
#ga Runtime: 114.326 secs

rank , name , med , iqr
1 , de , 0 , 0 (*)
1 , psa , 0 , 0 (*)
2 , ga , 6 , 11 (*
3 , sa , 21 , 36 (--- *
30 4 , mws , 100 , 0 (
-----
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.06, 0.10, 0.13
), 0.00, 0.07, 0.21, 0.29, 0.58
), 1.00, 1.00, 1.00, 1.00, 1.00

!!!! Kursawe
#mws Runtime: 0.355 secs
#sa Runtime: 0.215 secs
#de Runtime: 0.824 secs
#psa Runtime: 0.852 secs
#ga Runtime: 146.949 secs

rank , name , med , iqr
1 , de , 0 , 0 (*)
1 , psa , 0 , 0 (*)
45 1 , ga , 0 , 1 (*
2 , sa , 8 , 8 (--- *
3 , mws , 48 , 15 (
-----
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.00, 0.00, 0.07
), 0.00, 0.00, 0.00, 0.01, 0.12
), 0.00, 0.04, 0.08, 0.11, 0.14
), 0.36, 0.43, 0.48, 0.56, 0.64

!!!! ZDT1
#mws Runtime: 0.286 secs
#sa Runtime: 0.149 secs
#de Runtime: 0.638 secs
#psa Runtime: 5.836 secs
#ga Runtime: 120.549 secs

rank , name , med , iqr
1 , mws , 0 , 0 (*)
1 , de , 0 , 0 (*)
1 , ga , 0 , 0 (*)
2 , sa , 19 , 20 (--- *
3 , psa , 48 , 15 (
-----
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.02, 0.08, 0.19, 0.24, 0.34
), 0.29, 0.46, 0.48, 0.55, 0.69

!!!! ZDT3
#mws Runtime: 0.299 secs
#sa Runtime: 0.170 secs
#de Runtime: 0.913 secs
#psa Runtime: 0.412 secs
#ga Runtime: 153.445 secs

rank , name , med , iqr
1 , de , 0 , 0 (*)
1 , psa , 0 , 0 (*)
1 , ga , 0 , 0 (*)
2 , sa , 28 , 20 (--- *
80 2 , mws , 45 , 14 (
-----
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.18, 0.24, 0.28, 0.38, 0.52
), 0.27, 0.36, 0.45, 0.49, 0.49

!!!! Viennet3
#mws Runtime: 0.228 secs
#sa Runtime: 0.181 secs
#de Runtime: 0.584 secs
#psa Runtime: 0.238 secs
#ga Runtime: 94.887 secs

rank , name , med , iqr
1 , de , 0 , 0 (*)
1 , psa , 0 , 0 (*)
1 , sa , 0 , 1 (*)
2 , ga , 2 , 2 (*
95 3 , mws , 10 , 26 ( *
-----
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.00, 0.01, 0.01
), 0.01, 0.01, 0.02, 0.03, 0.17
), 0.07, 0.08, 0.10, 0.33, 0.56

!!!! DTLZ7
#mws Runtime: 0.759 secs
#sa Runtime: 0.418 secs
#de Runtime: 0.781 secs
#psa Runtime: 17.423 secs
#ga Runtime: 501.989 secs

rank , name , med , iqr
1 , mws , 0 , 0 (*)
1 , de , 0 , 0 (*)
1 , ga , 0 , 0 (*)
2 , sa , 11 , 23 ( *
100 3 , psa , 56 , 27 (
-----
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.00, 0.11, 0.37
), 0.40, 0.53, 0.56, 0.66, 0.74

!!!! Schwefel
#mws Runtime: 1.181 secs
#sa Runtime: 0.607 secs
#de Runtime: 1.732 secs
#psa Runtime: 20.593 secs
#ga Runtime: 10185.145 secs

rank , name , med , iqr
1 , de , 0 , 0 (*)
1 , ga , 0 , 1 (*)
105 1 , sa , 1 , 4 (*
2 , psa , 8 , 8 (--- *
3 , mws , 20 , 13 (
-----
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.00, 0.01, 0.02
), 0.00, 0.00, 0.01, 0.03, 0.06
), 0.01, 0.04, 0.08, 0.11, 0.14
), 0.08, 0.11, 0.20, 0.24, 0.38

!!!! Oryczka

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#mws Runtime: 0.384 secs
#sa Runtime: 0.197 secs
#de Runtime: 0.339 secs
#psa Runtime: 2.918 secs
#ga Runtime: 110.811 secs

rank , name , med , iqr
1 , sa , 0 , 0 (*
140 1 , de , 0 , 0 (*
2 , ga , 8 , 19 ( *
3 , mws , 42 , 14 (
4 , psa , 65 , 28 (
-----
), 0.00, 0.00, 0.00, 0.00, 0.22
), 0.00, 0.00, 0.00, 0.00, 0.00
), 0.00, 0.00, 0.08, 0.17, 0.25
), 0.11, 0.38, 0.42, 0.50, 0.56
), 0.34, 0.56, 0.65, 0.79, 0.90

#de options
cr :0.3 f :0.75 np :100 repeats :100 threshold :1e-06
#ga options
crossPoints :2 crossRate :0.6 genNum :{100, 200, 400, 800} pop :50
#mws options
max_changes :1000 max_tries :20 prob :0.25 threshold :0.0001
#other options
sl2 :0.56 baseline :1000 era :50 keep :64 lives :1 repeats :1 reportrange :False show :False xtile :False
#psa options
N :30 phi1 :2.8 phi2 :1.3 repeats :1000 threshold :1e-06 w :1
155 #sa options
cooling :0.6 kmax :1000

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