|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| P | Algorithm | 2 | 4 | 6 | 8 | 10 |
| D-1  D-2  D-3  D-4  D-5  D-6  D-7 | SRA  Grid-SRA  IDSE+  SRA  Grid-SRA  IDSE+  SRA  Grid-SRA  IDSE+  SRA  Grid-SRA  IDSE+  SRA  Grid-SRA  IDSE+  SRA  Grid-SRA  IDSE+  SRA  Grid-SRA  IDSE+ | 0.4887 0.0186  0.4973 0.0152  0.4927 0.0138  0.2086 0.0130  0.2072 0.0127  0.2092 0.0126  0.2034 0.0132  0.2040 0.0140  0.2106 0.0166  0.1877 0.0647  0.1352 0.1051  0.2120 0.0131  0.2062 0.0114  0.2070 0.0138  0.2119 0.0133  0.2045 0.0107  0.2123 0.0147  0.2140 0.0112  0.1231 0.0252  0.0912 0.0083  0.1431 0.0114 | 0.8994 0.0121  0.8980 0.0079  0.9033 0.0104  0.5957 0.0184  0.5941 0.0181  0.5963 0.0162  0.5878 0.0175  0.5787 0.0244  0.5960 0.0142  0.5660 0.0773  0.3954 0.1805  0.5822 0.0383  0.4544 0.0140  0.4524 0.0137  0.4504 0.0139  0.7403 0.0142  0.7381 0.0132  0.7313 0.0133  0.1859 0.0121  0.1368 0.0117  0.1741 0.0118 | 0.9775 0.0047  0.9735 0.0062  0.9729 0.0066  0.7675 0.0126  0.7666 0.0125  0.7948 0.0150  0.7592 0.0131  0.7211 0.0454  0.7793 0.0127  0.8028 0.0184  0.7066 0.0863  0.8131 0.0239  0.5317 0.0120  0.5262 0.0183  0.5221 0.0166  0.8997 0.0132  0.8941 0.0110  0.9016 0.0103  0.1578 0.0113  0.1412 0.0104  0.1485 0.0170 | 0.9961 0.0016  0.9939 0.0039  0.9934 0.0041  0.8484 0.0096  0.8456 0.0140  0.8878 0.0103  0.8442 0.0136  0.7972 0.0674  0.8722 0.0160  0.8701 0.0119  0.8329 0.0439  0.8850 0.0175  0.6588 0.0153  0.6566 0.0171  0.6603 0.0142  0.8587 0.0130  0.8601 0.0173  0.8656 0.0127  0.0648 0.0173  0.1410 0.0113  0.1294 0.0157 | 0.9985 0.0013  0.9978 0.0020  0.9968 0.0019  0.9279 0.0088  0.9215 0.0099  0.9485 0.0074  0.9227 0.0074  0.8948 0.0446  0.9353 0.0102  0.9409 0.0072  0.9405 0.0094  0.9436 0.0063  0.7171 0.0156  0.7213 0.0193  0.7222 0.0168  0.9227 0.0137  0.9275 0.0111  0.9289 0.0084  0.0693 0.0123  0.1442 0.0126  0.1169 0.0206 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| P | Algorithm | 2 | 4 | 6 | 8 | 10 |
| W-1  W-2  W-2  W-2  W-2  W-2  W-2  W-2  W-2 | SRA  Grid-SRA  IDSE+  SRA  Grid-SRA  IDSE+  SRA  Grid-SRA  IDSE+  SRA  Grid-SRA  IDSE+  SRA  Grid-SRA  IDSE+  SRA  Grid-SRA  IDSE+  SRA  Grid-SRA  IDSE+  SRA  Grid-SRA  IDSE+  SRA  Grid-SRA  IDSE+ | 0.6859 0.0162  0.6842 0.0154  0.6783 0.0139  0.5222 0.0165  0.5238 0.0151  0.5255 0.0173  0.5740 0.0144  0.5749 0.0169  0.5842 0.0131  0.3776 0.0117  0.3804 0.0174  0.3832 0.0122  0.4234 0.0155  0.4189 0.0188  0.4262 0.0148  0.4202 0.0159  0.4245 0.0130  0.4265 0.0135  0.4096 0.0150  0.4051 0.0197  0.4057 0.0171  0.5579 0.0217  0.4650 0.0235  0.5320 0.0208  0.3497 0.0155  0.3468 0.0152  0.3400 0.0162 | 0.9752 0.0067  0.9727 0.0096  0.9677 0.0052  0.4442 0.0437  0.4151 0.0793  0.6527 0.0291  0.3355 0.0176  0.3385 0.0170  0.3552 0.0143  0.5053 0.0160  0.4970 0.0204  0.5219 0.0164  0.3828 0.0152  0.3884 0.0151  0.4011 0.0146  0.3790 0.0180  0.3734 0.0209  0.4081 0.0190  0.6094 0.0206  0.6066 0.0190  0.6208 0.0165  0.3305 0.0312  0.3036 0.0204  0.3757 0.0180  0.6399 0.0171  0.6117 0.0319  0.6465 0.0236 | 0.9844 0.0056  0.9845 0.0052  0.9784 0.0052  0.3232 0.0989  0.3011 0.1103  0.6460 0.0395  0.2385 0.0178  0.2265 0.0189  0.2716 0.0127  0.4782 0.0197  0.4937 0.0183  0.5374 0.0175  0.3053 0.0162  0.3229 0.0215  0.4028 0.0141  0.1678 0.0477  0.1612 0.0361  0.3174 0.0547  0.6555 0.0121  0.6285 0.0290  0.6594 0.0188  0.2937 0.0266  0.2690 0.0193  0.3609 0.0234  0.6884 0.0280  0.6382 0.0257  0.6843 0.0514 | 0.9915 0.0031  0.9905 0.0034  0.9862 0.0040  0.3782 0.0671  0.3495 0.1227  0.6730 0.0163  0.1683 0.0185  0.1400 0.0198  0.2359 0.0144  0.5576 0.0219  0.5686 0.0361  0.6858 0.0153  0.3074 0.0257  0.3046 0.0239  0.4629 0.0144  0.1138 0.0317  0.1049 0.0369  0.3028 0.0787  0.6879 0.0180  0.6778 0.0179  0.6924 0.0140  0.1533 0.0223  0.1272 0.0231  0.3734 0.0213  0.7730 0.0273  0.7213 0.0263  0.8350 0.0540 | 0.9956 0.0024  0.9945 0.0030  0.9892 0.0033  0.4051 0.0530  0.3987 0.0857  0.6834 0.0132  0.1169 0.0216  0.1079 0.0284  0.2239 0.0199  0.5805 0.0294  0.5926 0.0279  0.6943 0.0170  0.2222 0.0303  0.2551 0.0314  0.4775 0.0137  0.0868 0.0280  0.1053 0.0392  0.2585 0.0615  0.7173 0.0165  0.7100 0.0165  0.6881 0.0189  0.1149 0.0187  0.1023 0.0176  0.3513 0.0227  0.8180 0.0207  0.7757 0.0222  0.8637 0.0466 |

Nov 20th -2017: 10 runs only

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| P | Algorithm | 2 | 4 | 6 | 8 | 10 |
| D-1  D-2  D-3  D-4  D-5  D-6  D-7 | SRA  Grid-SRA  IDSE+  NSGAII\_SDE  SRA  Grid-SRA  IDSE+  NSGAII\_SDE  SRA  Grid-SRA  IDSE+  NSGAII\_SDE  SRA  Grid-SRA  IDSE+  NSGAII\_SDE  SRA  Grid-SRA  IDSE+  NSGAII\_SDE  SRA  Grid-SRA  IDSE+  NSGAII\_SDE  SRA  Grid-SRA  IDSE+  NSGAII\_SDE | 0.4899 0.0167  0.4932 0.0204  0.4858 0.0183  0.4808 0.0406  0.2094 0.0071  0.2098 0.0096  0.2121 0.0130  0.2013 0.0088  0.2006 0.0127  0.2058 0.0098  0.2060 0.0113  0.0214 0.0677  0.1670 0.0886  0.1279 0.1104  0.2076 0.0121  0.2001 0.0123  0.2054 0.0158  0.2084 0.0082  0.2116 0.0177  0.1948 0.0105  0.2084 0.0103  0.2107 0.0140  0.2128 0.0135  0.1966 0.0130  0.1189 0.0282  0.0918 0.0043  0.1420 0.0155  0.1409 0.0132 | 0.9064 0.0070  0.9039 0.0092  0.9040 0.0087  0.8792 0.0580  0.6257 0.0131  0.6222 0.0124  0.6235 0.0105  0.5704 0.0187  0.9897 0.0059  0.9910 0.0044  0.9926 0.0027  0.2500 0.3318  0.6228 0.0404  0.4766 0.1746  0.5931 0.0657  0.5672 0.0173  0.7821 0.0088  0.7715 0.0139  0.7761 0.0173  0.7716 0.0086  0.9353 0.0052  0.9364 0.0053  0.9333 0.0060  0.9320 0.0057  0.1895 0.0132  0.1342 0.0158  0.1756 0.0122  0.1573 0.0105 | 0.9693 0.0059  0.9710 0.0087  0.9672 0.0076  0.8186 0.3313  0.9335 0.0097  0.9232 0.0069  0.9398 0.0064  0.8944 0.0076  1.0000 0  1.0000 0  1.0000 0  0.9903 0.0115  0.9809 0.0090  0.9562 0.0298  0.9850 0.0046  0.9709 0.0047  0.8666 0.0107  0.8671 0.0095  0.8662 0.0143  0.8625 0.0141  0.9805 0.0073  0.9805 0.0098  0.9855 0.0032  0.9883 0.0042  0.1868 0.0142  0.1470 0.0115  0.1745 0.0097  0.1571 0.0179 | 0.9914 0.0020  0.9862 0.0113  0.9891 0.0032  0.6430 0.3261  0.9975 0.0020  0.9977 0.0016  0.9993 0.0007  0.9958 0.0023  1.0000 0  1.0000 0  1.0000 0  0.9999 0.0003  0.9999 0.0003  0.9983 0.0022  1.0000 0  0.9993 0.0008  0.8804 0.0140  0.8681 0.0135  0.8703 0.0106  0.8744 0.0097  0.9859 0.0087  0.9780 0.0095  0.9888 0.0032  0.9904 0.0029  0.0827 0.0280  0.1440 0.0111  0.1498 0.0122  0.1320 0.0227 | 0.9991 0.0010  0.9980 0.0024  0.9973 0.0019  0.9366 0.1038  0.9999 0.0003  0.9996 0.0007  0.9997 0.0005  0.9996 0.0007  1 0  1 0  1 0  1 0  1 0  1 0  1 0  1 0  0.8851 0.0093  0.8810 0.0154  0.8909 0.0089  0.8875 0.0105  0.9811 0.0128  0.9847 0.0053  0.9899 0.0017  0.9915 0.0020  0.0733 0.0130  0.1432 0.0125  0.1182 0.0174  0.1397 0.0155 |