|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Percent of Optimum** | | | | | | | |
| **Name** | **DFS not sorted Bounded** | **DFS not sorted Unbounded** | **DFS sorted Bounded** | **DFS sorted Unbounded** | **BFS sorted Bounded** | **BFS sorted Unbounded** | **BFS not sorted Bounded** | **BFS not sorted Unbounded** |
| FLEI | 0.281 | 0.417 | 0.125 | 0.154 | 0.353 | 0.129 | 0.832 | FALSE |
| HP1 | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE |
| HP2 | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE |
| PB1 | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE |
| PB2 | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE |
| PB4 | 0.004 | 0.095 | 0.022 | 0.103 | 0.033 | 0.027 | 0.304 | 0.204 |
| PB5 | 0.141 | 0.476 | 0.073 | 0.113 | 0.223 | 0.147 | 0.917 | 0.868 |
| PB6 | FALSE | FALSE | 0.049 | 0.018 | FALSE | FALSE | FALSE | FALSE |
| PB7 | FALSE | FALSE | 0.23 | 0.6 | FALSE | FALSE | FALSE | FALSE |
| PET2 | 0.001 | 0.001 | 0.001 | 0 | 0.003 | 0.002 | 0.003 | 0.003 |
| PET3 | 0.006 | 0.006 | 0.001 | 0.002 | 0.002 | 0.001 | 0.03 | 0.051 |
| PET4 | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE |
| PET5 | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE |
| PET6 | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE |
| PET7 | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE |
| SENTO1 | FALSE | FALSE | 0.589 | FALSE | FALSE | FALSE | FALSE | FALSE |
| SENTO2 | FALSE | FALSE | 0.887 | FALSE | FALSE | FALSE | FALSE | FALSE |
| WEING1 | 0.081 | FALSE | 0.002 | 0.007 | 0.007 | 0.003 | 0.001 | 0.001 |
| WEING2 | 0.214 | FALSE | 0.002 | 0.003 | 0.001 | 0.001 | 0.015 | 0.012 |
| WEING3 | 0.051 | FALSE | 0.001 | 0.003 | 0.004 | 0.003 | 0.041 | 0.128 |
| WEING4 | 0.04 | FALSE | 0 | 0 | 0.008 | 0.014 | 0.026 | 0.037 |
| WEING5 | 0.043 | FALSE | 0.001 | 0.001 | 0.001 | 0 | 0.01 | 0.01 |
| WEING6 | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE |
| WEING7 | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE |
| WEING8 | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Percent of Optimum** | | | | | | | |
| **Name** | **DFS not sorted Bounded** | **DFS not sorted Unbounded** | **DFS sorted Bounded** | **DFS sorted Unbounded** | **BFS sorted Bounded** | **BFS sorted Unbounded** | **BFS not sorted Bounded** | **BFS not sorted Unbounded** |
| WEISH01 | 0.016 | 0.223 | 0.001 | 0.001 | 0.016 | 0.008 | 0.088 | 0.235 |
| WEISH02 | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE |
| WEISH03 | 0.024 | 0.132 | 0.002 | 0.021 | 0.053 | 0.014 | 0.035 | 0.028 |
| WEISH04 | 0.012 | 0.079 | 0.001 | 0.001 | 0.013 | 0.009 | 0.002 | 0.001 |
| WEISH05 | 0.014 | 0.094 | 0.001 | 0 | 0.001 | 0.001 | 0.012 | 0.01 |
| WEISH06 | 0.186 | FALSE | 0.009 | 0.023 | 0.096 | 0.071 | 0.502 | 0.475 |
| WEISH07 | 0.146 | FALSE | 0.002 | 0.001 | 0.106 | 0.033 | 0.048 | 0.091 |
| WEISH08 | 0.135 | FALSE | 0.002 | 0.001 | 0.043 | 0.025 | 0.103 | 0.057 |
| WEISH09 | 0.058 | FALSE | 0.002 | 0.001 | 0.003 | 0.002 | 0.004 | 0.002 |
| WEISH10 | 0.416 | FALSE | 0.006 | 0.043 | 0.004 | 0.003 | 0.835 | 0.777 |
| WEISH11 | 0.334 | FALSE | 0.007 | 0.112 | 0.064 | 0.027 | 0.291 | 0.286 |
| WEISH12 | 0.658 | FALSE | 0.003 | 0.01 | 0.004 | 0.002 | 0.666 | 0.501 |
| WEISH13 | 0.456 | FALSE | 0.007 | FALSE | 0.053 | 0.027 | 0.494 | 0.282 |
| WEISH14 | FALSE | FALSE | 0.004 | 0.002 | 0.006 | 0.003 | 0.406 | 0.306 |
| WEISH15 | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE |
| WEISH16 | 0.404 | FALSE | 0.006 | 0.027 | 0.114 | 0.421 | 0.424 | 0.304 |
| WEISH17 | 0.391 | FALSE | 0.024 | FALSE | 0.008 | 0.006 | 0.637 | 0.139 |
| WEISH18 | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE |
| WEISH19 | FALSE | FALSE | 0.02 | FALSE | 0.195 | 0.121 | FALSE | FALSE |
| WEISH20 | FALSE | FALSE | 0.013 | FALSE | 0.008 | 0.005 | 0.011 | 0.008 |
| WEISH21 | FALSE | FALSE | 0.013 | FALSE | 0.008 | 0.005 | 0.94 | 0.994 |
| WEISH22 | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE |
| WEISH23 | FALSE | FALSE | 0.078 | FALSE | 0.277 | 0.322 | FALSE | FALSE |
| WEISH24 | FALSE | FALSE | 0.189 | FALSE | 0.187 | 0.216 | 0.495 | 0.5 |
| WEISH25 | FALSE | FALSE | 0.043 | FALSE | 0.22 | 0.182 | 0.447 | 0.523 |
| WEISH26 | FALSE | FALSE | 0.069 | FALSE | 0.011 | 0.008 | 0.684 | 0.649 |
| WEISH27 | FALSE | FALSE | 0.011 | 0.051 | 0.275 | 0.18 | 0.345 | 0.367 |
| WEISH28 | FALSE | FALSE | 0.053 | FALSE | 0.023 | 0.008 | 0.018 | 0.013 |
| WEISH29 | FALSE | FALSE | 0.212 | FALSE | 0.014 | 0.008 | FALSE | FALSE |
| WEISH30 | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE |