

| System Track - Sokoban Decision: Detailed Results |                |                             |                             |                             |                             |                             |                             |                            |                             |                            |                            |
|---|----------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|
| System  | Total          | 12-sokoban_decision-0-0.asp | 16-sokoban_decision-0-0.asp | 17-sokoban_decision-0-0.asp | 42-sokoban_decision-0-0.asp | 48-sokoban_decision-0-0.asp | 49-sokoban_decision-0-0.asp | 4-sokoban_decision-0-0.asp | 50-sokoban_decision-0-0.asp | 6-sokoban_decision-0-0.asp | 7-sokoban_decision-0-0.asp |
| clasp   | Total Score    | 9.57                        | 8.70                        | 9.32                        | 5.92                        | 5.84                        | 5.53                        | 8.78                       | 6.92                        | 8.98                       | 8.61                       |
|   | Inst\Opt Score | 5.00                        | 5.00                        | 5.00                        | 5.00                        | 5.00                        | 5.00                        | 5.00                       | 5.00                        | 5.00                       | 5.00                       |
|   | Time Score     | 4.57                        | 3.70                        | 4.32                        | 0.92                        | 0.84                        | 0.53                        | 3.78                       | 1.92                        | 3.98                       | 3.61                       |
|   | Time           | 0.74                        | 4.28                        | 1.40                        | 185.21                      | 203.11                      | 304.72                      | 3.78                       | 50.54                       | 2.70                       | 4.96                       |
|   | Outcome        | WF                          | Inc                         | WF                          | Inc                         | WF                          | WF                          | Inc                        | WF                          | Inc                        | Inc                        |
| claspd  | Total Score    | 8.83                        | 8.42                        | 9.31                        | 0.00                        | 5.31                        | 5.11                        | 8.81                       | 5.51                        | 8.67                       | 8.34                       |
|   | Inst\Opt Score | 5.00                        | 5.00                        | 5.00                        | 0.00                        | 5.00                        | 5.00                        | 5.00                       | 5.00                        | 5.00                       | 5.00                       |
|   | Time Score     | 3.83                        | 3.42                        | 4.31                        | 0.00                        | 0.31                        | 0.11                        | 3.81                       | 0.51                        | 3.67                       | 3.34                       |
|   | Time           | 3.46                        | 6.54                        | 1.42                        | MO/F                        | 401.15                      | 521.85                      | 3.56                       | 313.67                      | 4.46                       | 7.40                       |
|   | Outcome        | WF                          | Inc                         | WF                          | N/A                         | WF                          | WF                          | Inc                        | WF                          | Inc                        | Inc                        |
| claspfolio  | Total Score    | 8.24                        | 7.84                        | 8.07                        | 5.75                        | 5.18                        | 0.00                        | 8.52                       | 5.45                        | 8.56                       | 7.97                       |
|   | Inst\Opt Score | 5.00                        | 5.00                        | 5.00                        | 5.00                        | 5.00                        | 0.00                        | 5.00                       | 5.00                        | 5.00                       | 5.00                       |
|   | Time Score     | 3.24                        | 2.84                        | 3.07                        | 0.75                        | 0.18                        | 0.00                        | 3.52                       | 0.45                        | 3.56                       | 2.97                       |
|   | Time           | 8.52                        | 14.86                       | 10.84                       | 230.21                      | 474.42                      | MO/F                        | 5.64                       | 336.26                      | 5.34                       | 12.52                      |
|   | Outcome        | WF                          | Inc                         | WF                          | Inc                         | WF                          | N/A                         | Inc                        | WF                          | Inc                        | Inc                        |
| cmodels   | Total Score    | 8.25                        | 8.14                        | 8.09                        | 5.69                        | 5.48                        | 0.00                        | 8.26                       | 6.04                        | 8.41                       | 8.17                       |
|   | Inst\Opt Score | 5.00                        | 5.00                        | 5.00                        | 5.00                        | 5.00                        | 0.00                        | 5.00                       | 5.00                        | 5.00                       | 5.00                       |
|   | Time Score     | 3.25                        | 3.14                        | 3.09                        | 0.69                        | 0.48                        | 0.00                        | 3.26                       | 1.04                        | 3.41                       | 3.17                       |
|   | Time           | 8.40                        | 9.76                        | 10.56                       | 246.73                      | 325.48                      | MO/F                        | 8.28                       | 158.52                      | 6.62                       | 9.44                       |
|   | Outcome        | WF                          | Inc                         | WF                          | Inc                         | WF                          | N/A                         | Inc                        | WF                          | Inc                        | Inc                        |
| idp   | Total Score    | 8.17                        | 7.79                        | 7.91                        | 5.33                        | 0.00                        | 5.06                        | 8.36                       | 5.31                        | 8.28                       | 7.75                       |
|   | Inst\Opt Score | 5.00                        | 5.00                        | 5.00                        | 5.00                        | 0.00                        | 5.00                        | 5.00                       | 5.00                        | 5.00                       | 5.00                       |
|   | Time Score     | 3.17                        | 2.79                        | 2.91                        | 0.33                        | 0.00                        | 0.06                        | 3.36                       | 0.31                        | 3.28                       | 2.75                       |
|   | Time           | 9.42                        | 15.96                       | 13.52                       | 392.10                      | TO                          | 557.05                      | 7.18                       | 404.72                      | 8.06                       | 16.80                      |
|   | Outcome        | WF                          | Inc                         | WF                          | Inc                         | N/A                         | WF                          | Inc                        | WF                          | Inc                        | Inc                        |
| lp2diff3  | Total Score    | 6.65                        | 7.08                        | 6.14                        | 0.00                        | 0.00                        | 0.00                        | 7.57                       | 0.00                        | 7.65                       | 7.17                       |
|   | Inst\Opt Score | 5.00                        | 5.00                        | 5.00                        | 0.00                        | 0.00                        | 0.00                        | 5.00                       | 0.00                        | 5.00                       | 5.00                       |
|   | Time Score     | 1.65                        | 2.08                        | 1.14                        | 0.00                        | 0.00                        | 0.00                        | 2.57                       | 0.00                        | 2.65                       | 2.17                       |
|   | Time           | 71.86                       | 40.74                       | 139.43                      | TO                          | TO                          | TO                          | 21.28                      | TO                          | 19.22                      | 36.35                      |
|   | Outcome        | WF                          | Inc                         | WF                          | N/A                         | N/A                         | N/A                         | Inc                        | N/A                         | Inc                        | Inc                        |
| lp2sat2gminisat                                   | Total Score    | 6.24                        | 5.72                        | 5.63                        | 0.00                        | 0.00                        | 0.00                        | 6.27                       | 0.00                        | 6.30                       | 6.00                       |
|   | Inst\Opt Score | 5.00                        | 5.00                        | 5.00                        | 0.00                        | 0.00                        | 0.00                        | 5.00                       | 0.00                        | 5.00                       | 5.00                       |
|   | Time Score     | 1.24                        | 0.72                        | 0.63                        | 0.00                        | 0.00                        | 0.00                        | 1.27                       | 0.00                        | 1.30                       | 1.00                       |
|   | Time           | 121.55                      | 238.54                      | 269.02                      | TO                          | TO                          | TO                          | 117.95                     | TO                          | 113.26                     | 165.71                     |
|   | Outcome        | WF                          | Inc                         | WF                          | N/A                         | N/A                         | N/A                         | Inc                        | N/A                         | Inc                        | Inc                        |
| lp2sat2lminisat                                   | Total Score    | 6.20                        | 5.90                        | 5.47                        | 0.00                        | 0.00                        | 0.00                        | 6.03                       | 0.00                        | 6.03                       | 5.52                       |
|   | Inst\Opt Score | 5.00                        | 5.00                        | 5.00                        | 0.00                        | 0.00                        | 0.00                        | 5.00                       | 0.00                        | 5.00                       | 5.00                       |
|   | Time Score     | 1.20                        | 0.90                        | 0.47                        | 0.00                        | 0.00                        | 0.00                        | 1.03                       | 0.00                        | 1.03                       | 0.52                       |
|   | Time           | 128.73                      | 187.85                      | 329.92                      | TO                          | TO                          | TO                          | 159.52                     | TO                          | 160.62                     | 308.98                     |
|   | Outcome        | WF                          | Inc                         | WF                          | N/A                         | N/A                         | N/A                         | Inc                        | N/A                         | Inc                        | Inc                        |
| lp2sat2minisat                                    | Total Score    | 6.93                        | 6.44                        | 6.15                        | 0.00                        | 0.00                        | 0.00                        | 6.76                       | 0.00                        | 6.84                       | 6.37                       |
|   | Inst\Opt Score | 5.00                        | 5.00                        | 5.00                        | 0.00                        | 0.00                        | 0.00                        | 5.00                       | 0.00                        | 5.00                       | 5.00                       |
|   | Time Score     | 1.93                        | 1.44                        | 1.15                        | 0.00                        | 0.00                        | 0.00                        | 1.76                       | 0.00                        | 1.84                       | 1.37                       |
|   | Time           | 50.15                       | 94.03                       | 137.31                      | TO                          | TO                          | TO                          | 62.01                      | TO                          | 56.26                      | 103.24                     |
|   | Outcome        | WF                          | Inc                         | WF                          | N/A                         | N/A                         | N/A                         | Inc                        | N/A                         | Inc                        | Inc                        |
| smodels   | Total Score    | 0.00                        | 0.00                        | 0.00                        | 0.00                        | 0.00                        | 0.00                        | 0.00                       | 0.00                        | 0.00                       | 0.00                       |
|   | Inst\Opt Score | 0.00                        | 0.00                        | 0.00                        | 0.00                        | 0.00                        | 0.00                        | 0.00                       | 0.00                        | 0.00                       | 0.00                       |
|   | Time Score     | 0.00                        | 0.00                        | 0.00                        | 0.00                        | 0.00                        | 0.00                        | 0.00                       | 0.00                        | 0.00                       | 0.00                       |
|   | Time           | TO                          | TO                          | MO/F                        | MO/F                        | MO/F                        | MO/F                        | MO/F                       | TO                          | MO/F                       | MO/F                       |
|   | Outcome        | N/A                         | N/A                         | N/A                         | N/A                         | N/A                         | N/A                         | N/A                        | N/A                         | N/A                        | N/A                        |
| sup   | Total Score    | 8.51                        | 7.45                        | 6.94                        | 0.00                        | 0.00                        | 0.00                        | 8.07                       | 5.10                        | 8.29                       | 7.69                       |
|   | Inst\Opt Score | 5.00                        | 5.00                        | 5.00                        | 0.00                        | 0.00                        | 0.00                        | 5.00                       | 5.00                        | 5.00                       | 5.00                       |
|   | Time Score     | 3.51                        | 2.45                        | 1.94                        | 0.00                        | 0.00                        | 0.00                        | 3.07                       | 0.10                        | 3.29                       | 2.69                       |
|   | Time           | 5.76                        | 25.18                       | 48.95                       | MO/F                        | TO                          | MO/F                        | 10.84                      | 527.78                      | 7.92                       | 18.32                      |
|   | Outcome        | WF                          | Inc                         | WF                          | N/A                         | N/A                         | N/A                         | Inc                        | WF                          | Inc                        | Inc                        |

**System Track - Knight Tour: Detailed Results**

| System          | Total          | 01-knight_tour-8-0.asp | 02-knight_tour-10-0.asp | 03-knight_tour-12-0.asp | 04-knight_tour-14-0.asp | 05-knight_tour-16-0.asp | 06-knight_tour-20-0.asp | 07-knight_tour-30-0.asp | 08-knight_tour-40-0.asp | 09-knight_tour-46-0.asp | 10-knight_tour-50-0.asp |
|-----------------|----------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| clasp           | Total Score    | 9.97                   | 9.90                    | 9.73                    | 9.52                    | 9.25                    | 8.59                    | 6.10                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Inst\Opt Score | 5.00                   | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time Score     | 4.97                   | 4.90                    | 4.73                    | 4.52                    | 4.25                    | 3.59                    | 1.10                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time           | 0.04                   | 0.14                    | 0.42                    | 0.84                    | 1.62                    | 5.06                    | 146.68                  | MO/F                    | TO                      | MO/F                    |
|                 | Outcome        | WF                     | WF                      | WF                      | WF                      | WF                      | WF                      | WF                      | N/A                     | N/A                     | N/A                     |
| claspd          | Total Score    | 9.97                   | 9.83                    | 9.77                    | 9.26                    | 9.14                    | 8.24                    | 6.70                    | 5.19                    | 0.00                    | 0.00                    |
|                 | Inst\Opt Score | 5.00                   | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 0.00                    | 0.00                    |
|                 | Time Score     | 4.97                   | 4.83                    | 4.77                    | 4.26                    | 4.14                    | 3.24                    | 1.70                    | 0.19                    | 0.00                    | 0.00                    |
|                 | Time           | 0.04                   | 0.24                    | 0.34                    | 1.58                    | 2.00                    | 8.50                    | 67.31                   | 469.78                  | MO/F                    | MO/F                    |
|                 | Outcome        | WF                     | WF                      | WF                      | WF                      | WF                      | WF                      | WF                      | WF                      | N/A                     | N/A                     |
| claspfolio      | Total Score    | 9.97                   | 9.90                    | 9.38                    | 9.32                    | 9.25                    | 9.02                    | 8.34                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Inst\Opt Score | 5.00                   | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time Score     | 4.97                   | 4.90                    | 4.38                    | 4.32                    | 4.25                    | 4.02                    | 3.34                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time           | 0.04                   | 0.14                    | 1.22                    | 1.38                    | 1.60                    | 2.50                    | 7.32                    | TO                      | MO/F                    | MO/F                    |
|                 | Outcome        | WF                     | WF                      | WF                      | WF                      | WF                      | WF                      | WF                      | N/A                     | N/A                     | N/A                     |
| cmodels         | Total Score    | 9.95                   | 9.90                    | 9.77                    | 9.48                    | 8.66                    | 8.07                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Inst\Opt Score | 5.00                   | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time Score     | 4.95                   | 4.90                    | 4.77                    | 4.48                    | 3.66                    | 3.07                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time           | 0.06                   | 0.14                    | 0.34                    | 0.94                    | 4.56                    | 10.84                   | MO/F                    | MO/F                    | MO/F                    | TO                      |
|                 | Outcome        | WF                     | WF                      | WF                      | WF                      | WF                      | WF                      | N/A                     | N/A                     | N/A                     | N/A                     |
| idp             | Total Score    | 9.97                   | 9.86                    | 9.72                    | 9.26                    | 8.99                    | 8.27                    | 6.67                    | 5.56                    | 5.31                    | 0.00                    |
|                 | Inst\Opt Score | 5.00                   | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 0.00                    |
|                 | Time Score     | 4.97                   | 4.86                    | 4.72                    | 4.26                    | 3.99                    | 3.27                    | 1.67                    | 0.56                    | 0.31                    | 0.00                    |
|                 | Time           | 0.04                   | 0.20                    | 0.44                    | 1.58                    | 2.64                    | 8.12                    | 69.77                   | 292.49                  | 405.10                  | MO/F                    |
|                 | Outcome        | WF                     | WF                      | WF                      | WF                      | WF                      | WF                      | WF                      | WF                      | WF                      | N/A                     |
| lp2diffz3       | Total Score    | 9.55                   | 9.18                    | 8.54                    | 8.18                    | 7.48                    | 6.97                    | 5.19                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Inst\Opt Score | 5.00                   | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time Score     | 4.55                   | 4.18                    | 3.54                    | 3.18                    | 2.48                    | 1.97                    | 0.19                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time           | 0.78                   | 1.84                    | 5.44                    | 9.24                    | 24.28                   | 47.52                   | 470.14                  | TO                      | TO                      | TO                      |
|                 | Outcome        | WF                     | WF                      | WF                      | WF                      | WF                      | WF                      | WF                      | N/A                     | N/A                     | N/A                     |
| lp2sat2gminisat | Total Score    | 9.58                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Inst\Opt Score | 5.00                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time Score     | 4.58                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time           | 0.72                   | TO                      | MO/F                    | TO                      | MO/F                    | TO                      | TO                      | TO                      | TO                      | TO                      |
|                 | Outcome        | WF                     | N/A                     | N/A                     | N/A                     | N/A                     | N/A                     | N/A                     | N/A                     | N/A                     | N/A                     |
| lp2sat2lminisat | Total Score    | 0.00                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Inst\Opt Score | 0.00                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time Score     | 0.00                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time           | TO                     | MO/F                    | MO/F                    | MO/F                    | MO/F                    | MO/F                    | TO                      | TO                      | TO                      | TO                      |
|                 | Outcome        | N/A                    | N/A                     | N/A                     | N/A                     | N/A                     | N/A                     | N/A                     | N/A                     | N/A                     | N/A                     |
| lp2sat2minisat  | Total Score    | 0.00                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Inst\Opt Score | 0.00                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time Score     | 0.00                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time           | MO/F                   | MO/F                    | MO/F                    | MO/F                    | MO/F                    | MO/F                    | TO                      | TO                      | TO                      | TO                      |
|                 | Outcome        | N/A                    | N/A                     | N/A                     | N/A                     | N/A                     | N/A                     | N/A                     | N/A                     | N/A                     | N/A                     |
| smodels         | Total Score    | 9.93                   | 9.88                    | 9.56                    | 9.34                    | 8.63                    | 7.74                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Inst\Opt Score | 5.00                   | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time Score     | 4.93                   | 4.88                    | 4.56                    | 4.34                    | 3.63                    | 2.74                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time           | 0.10                   | 0.16                    | 0.76                    | 1.34                    | 4.74                    | 17.00                   | MO/F                    | MO/F                    | TO                      | TO                      |
|                 | Outcome        | WF                     | WF                      | WF                      | WF                      | WF                      | WF                      | N/A                     | N/A                     | N/A                     | N/A                     |
| sup             | Total Score    | 9.94                   | 9.34                    | 8.69                    | 7.21                    | 5.32                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Inst\Opt Score | 5.00                   | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time Score     | 4.94                   | 4.34                    | 3.69                    | 2.21                    | 0.32                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    |
|                 | Time           | 0.08                   | 1.32                    | 4.38                    | 34.44                   | 399.76                  | MO/F                    | MO/F                    | TO                      | MO/F                    | TO                      |
|                 | Outcome        | WF                     | WF                      | WF                      | WF                      | WF                      | N/A                     | N/A                     | N/A                     | N/A                     | N/A                     |

| System Track - Disjunctive Scheduling: Detailed Results |                |                                      |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |                                     |
|---|----------------|--------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| System  | Total          | 01-disjunctive_scheduling-1000-0.asp | 02-disjunctive_scheduling-941-0.asp | 03-disjunctive_scheduling-947-0.asp | 04-disjunctive_scheduling-959-0.asp | 05-disjunctive_scheduling-959-0.asp | 06-disjunctive_scheduling-941-0.asp | 07-disjunctive_scheduling-205-0.asp | 08-disjunctive_scheduling-188-0.asp | 09-disjunctive_scheduling-183-0.asp | 10-disjunctive_scheduling-205-0.asp |
| clasp   | Total Score    | 8.31                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 7.39                                | 7.55                                | 7.56                                | 7.39                                |
|   | Inst\Opt Score | 5.00                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 5.00                                | 5.00                                | 5.00                                | 5.00                                |
|   | Time Score     | 3.31                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 2.39                                | 2.55                                | 2.56                                | 2.39                                |
|   | Time           | 7.72                                 | 194.17                              | 193.65                              | 193.90                              | 192.68                              | 194.46                              | 27.14                               | 22.04                               | 21.56                               | 27.14                               |
|   | Outcome        | WF                                   | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                 | WF                                  | WF                                  | WF                                  | WF                                  |
| claspd  | Total Score    | 7.94                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 5.39                                | 5.60                                | 5.59                                | 5.40                                |
|   | Inst\Opt Score | 5.00                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 5.00                                | 5.00                                | 5.00                                | 5.00                                |
|   | Time Score     | 2.94                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.39                                | 0.60                                | 0.59                                | 0.40                                |
|   | Time           | 13.02                                | 173.29                              | 172.83                              | 173.17                              | 172.60                              | 173.39                              | 361.96                              | 279.10                              | 280.24                              | 360.88                              |
|   | Outcome        | WF                                   | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                 | WF                                  | WF                                  | WF                                  | WF                                  |
| claspfolio  | Total Score    | 8.13                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 7.22                                | 7.36                                | 7.36                                | 7.22                                |
|   | Inst\Opt Score | 5.00                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 5.00                                | 5.00                                | 5.00                                | 5.00                                |
|   | Time Score     | 3.13                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 2.22                                | 2.36                                | 2.36                                | 2.22                                |
|   | Time           | 9.98                                 | 148.02                              | 147.54                              | 148.04                              | 147.77                              | 148.30                              | 34.06                               | 28.34                               | 28.34                               | 34.04                               |
|   | Outcome        | WF                                   | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                 | WF                                  | WF                                  | WF                                  | WF                                  |
| cmodels   | Total Score    | 0.00                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 5.22                                | 5.22                                | 5.20                                | 5.22                                |
|   | Inst\Opt Score | 0.00                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 5.00                                | 5.00                                | 5.00                                | 5.00                                |
|   | Time Score     | 0.00                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.22                                | 0.22                                | 0.20                                | 0.22                                |
|   | Time           | TO                                   | 116.55                              | 116.95                              | 116.86                              | 117.37                              | 117.06                              | 453.56                              | 449.99                              | 466.50                              | 453.77                              |
|   | Outcome        | N/A                                  | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                 | WF                                  | WF                                  | WF                                  | WF                                  |
| idp   | Total Score    | 8.05                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 7.34                                | 7.41                                | 7.38                                | 7.34                                |
|   | Inst\Opt Score | 5.00                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 5.00                                | 5.00                                | 5.00                                | 5.00                                |
|   | Time Score     | 3.05                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 2.34                                | 2.41                                | 2.38                                | 2.34                                |
|   | Time           | 11.06                                | MO/F                                | MO/F                                | MO/F                                | TO                                  | MO/F                                | 29.14                               | 26.48                               | 27.60                               | 29.08                               |
|   | Outcome        | WF                                   | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                 | WF                                  | WF                                  | WF                                  | WF                                  |
| lp2diffz3   | Total Score    | 0.00                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                |
|   | Inst\Opt Score | 0.00                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                |
|   | Time Score     | 0.00                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                |
|   | Time           | TO                                   | 183.47                              | 180.73                              | 180.30                              | 179.21                              | 181.47                              | 109.54                              | 100.10                              | 102.80                              | 110.52                              |
|   | Outcome        | N/A                                  | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                 |
| lp2sat2gminisat   | Total Score    | 6.96                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 6.18                                | 6.26                                | 6.23                                | 6.18                                |
|   | Inst\Opt Score | 5.00                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 5.00                                | 5.00                                | 5.00                                | 5.00                                |
|   | Time Score     | 1.96                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 1.18                                | 1.26                                | 1.23                                | 1.18                                |
|   | Time           | 47.98                                | 183.21                              | 180.00                              | 182.05                              | 180.21                              | 186.33                              | 131.78                              | 119.46                              | 124.20                              | 131.20                              |
|   | Outcome        | WF                                   | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                 | WF                                  | WF                                  | WF                                  | WF                                  |
| lp2sat2lminisat   | Total Score    | 6.91                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 6.13                                | 6.20                                | 6.17                                | 6.13                                |
|   | Inst\Opt Score | 5.00                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 5.00                                | 5.00                                | 5.00                                | 5.00                                |
|   | Time Score     | 1.91                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 1.13                                | 1.20                                | 1.17                                | 1.13                                |
|   | Time           | 51.18                                | 183.21                              | 180.40                              | 181.94                              | 181.06                              | 183.35                              | 140.22                              | 127.60                              | 132.90                              | 139.90                              |
|   | Outcome        | WF                                   | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                 | WF                                  | WF                                  | WF                                  | WF                                  |
| lp2sat2minisat  | Total Score    | 6.96                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 6.18                                | 6.26                                | 6.22                                | 6.18                                |
|   | Inst\Opt Score | 5.00                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 5.00                                | 5.00                                | 5.00                                | 5.00                                |
|   | Time Score     | 1.96                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 1.18                                | 1.26                                | 1.22                                | 1.18                                |
|   | Time           | 47.82                                | 182.87                              | 180.44                              | 181.41                              | 180.13                              | 183.02                              | 131.46                              | 119.50                              | 124.36                              | 131.48                              |
|   | Outcome        | WF                                   | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                 | WF                                  | WF                                  | WF                                  | WF                                  |
| smodels   | Total Score    | 7.81                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 7.08                                | 7.15                                | 7.12                                | 7.08                                |
|   | Inst\Opt Score | 5.00                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 5.00                                | 5.00                                | 5.00                                | 5.00                                |
|   | Time Score     | 2.81                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 2.08                                | 2.15                                | 2.12                                | 2.08                                |
|   | Time           | 15.52                                | 182.18                              | 177.93                              | 180.23                              | 178.32                              | 180.79                              | 41.08                               | 37.26                               | 38.80                               | 40.96                               |
|   | Outcome        | WF                                   | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                 | WF                                  | WF                                  | WF                                  | WF                                  |
| sup   | Total Score    | 7.99                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 7.34                                | 7.41                                | 7.37                                | 7.34                                |
|   | Inst\Opt Score | 5.00                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 5.00                                | 5.00                                | 5.00                                | 5.00                                |
|   | Time Score     | 2.99                                 | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 2.34                                | 2.41                                | 2.37                                | 2.34                                |
|   | Time           | 12.14                                | 115.95                              | 115.78                              | 115.95                              | 116.72                              | 115.73                              | 28.94                               | 26.60                               | 27.78                               | 29.06                               |
|   | Outcome        | WF                                   | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                 | WF                                  | WF                                  | WF                                  | WF                                  |



## System Track - Labyrinth: Detailed Results

| System          | Total          | 003-labyrinth-11-0.asp | 015-labyrinth-11-0.asp | 028-labyrinth-12-0.asp | 045-labyrinth-13-0.asp | 123-labyrinth-17-0.asp | 131-labyrinth-17-0.asp | 147-labyrinth-18-0.asp | 162-labyrinth-19-0.asp | 169-labyrinth-19-0.asp | 225-labyrinth-22-0.asp |
|-----------------|----------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| clasp           | Total Score    | 6.87                   | 9.09                   | 8.75                   | 5.95                   | 8.04                   | 9.02                   | 8.31                   | 6.56                   | 6.65                   | 8.48                   |
|                 | Inst\Opt Score | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   |
|                 | Time Score     | 1.87                   | 4.09                   | 3.75                   | 0.95                   | 3.04                   | 4.02                   | 3.31                   | 1.56                   | 1.65                   | 3.48                   |
|                 | Time           | 54.09                  | 2.20                   | 3.96                   | 177.33                 | 11.30                  | 2.50                   | 7.70                   | 80.33                  | 72.10                  | 6.02                   |
|                 | Outcome        | WF                     | WF                     | WF                     | WF                     | WF                     | WF                     | WF                     | WF                     | WF                     | WF                     |
| claspd          | Total Score    | 9.07                   | 9.04                   | 8.78                   | 5.21                   | 7.20                   | 7.02                   | 6.97                   | 0.00                   | 5.88                   | 6.06                   |
|                 | Inst\Opt Score | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 0.00                   | 5.00                   | 5.00                   |
|                 | Time Score     | 4.07                   | 4.04                   | 3.78                   | 0.21                   | 2.20                   | 2.02                   | 1.97                   | 0.00                   | 0.88                   | 1.06                   |
|                 | Time           | 2.30                   | 2.40                   | 3.76                   | 460.34                 | 34.91                  | 44.30                  | 47.10                  | MO/F                   | 193.69                 | 154.43                 |
|                 | Outcome        | WF                     | WF                     | WF                     | WF                     | WF                     | WF                     | WF                     | N/A                    | WF                     | WF                     |
| claspfolio      | Total Score    | 7.05                   | 9.07                   | 8.20                   | 0.00                   | 8.83                   | 7.97                   | 7.91                   | 5.54                   | 0.00                   | 8.41                   |
|                 | Inst\Opt Score | 5.00                   | 5.00                   | 5.00                   | 0.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 0.00                   | 5.00                   |
|                 | Time Score     | 2.05                   | 4.07                   | 3.20                   | 0.00                   | 3.83                   | 2.97                   | 2.91                   | 0.54                   | 0.00                   | 3.41                   |
|                 | Time           | 42.41                  | 2.30                   | 9.06                   | TO                     | 3.48                   | 12.40                  | 13.58                  | 300.69                 | MO/F                   | 6.68                   |
|                 | Outcome        | WF                     | WF                     | WF                     | N/A                    | WF                     | WF                     | WF                     | WF                     | N/A                    | WF                     |
| cmodels         | Total Score    | 5.22                   | 8.30                   | 7.43                   | 6.29                   | 7.61                   | 8.40                   | 6.70                   | 6.18                   | 0.00                   | 6.18                   |
|                 | Inst\Opt Score | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 0.00                   | 5.00                   |
|                 | Time Score     | 0.22                   | 3.30                   | 2.43                   | 1.29                   | 2.61                   | 3.40                   | 1.70                   | 1.18                   | 0.00                   | 1.18                   |
|                 | Time           | 453.30                 | 7.80                   | 25.86                  | 114.86                 | 20.18                  | 6.74                   | 67.29                  | 131.23                 | TO                     | 131.29                 |
|                 | Outcome        | WF                     | WF                     | WF                     | WF                     | WF                     | WF                     | WF                     | WF                     | N/A                    | WF                     |
| idp             | Total Score    | 9.11                   | 9.04                   | 9.54                   | 0.00                   | 7.84                   | 8.35                   | 8.20                   | 0.00                   | 0.00                   | 0.00                   |
|                 | Inst\Opt Score | 5.00                   | 5.00                   | 5.00                   | 0.00                   | 5.00                   | 5.00                   | 5.00                   | 0.00                   | 0.00                   | 0.00                   |
|                 | Time Score     | 4.11                   | 4.04                   | 4.54                   | 0.00                   | 2.84                   | 3.35                   | 3.20                   | 0.00                   | 0.00                   | 0.00                   |
|                 | Time           | 2.14                   | 2.42                   | 0.80                   | MO/F                   | 14.84                  | 7.24                   | 8.98                   | TO                     | MO/F                   | 48.64                  |
|                 | Outcome        | WF                     | WF                     | WF                     | N/A                    | WF                     | WF                     | WF                     | N/A                    | N/A                    | N/A                    |
| lp2diffz3       | Total Score    | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
|                 | Inst\Opt Score | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
|                 | Time Score     | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
|                 | Time           | TO                     | TO                     | TO                     | MO/F                   | TO                     | TO                     | TO                     | TO                     | TO                     | TO                     |
|                 | Outcome        | N/A                    | N/A                    | N/A                    | N/A                    | N/A                    | N/A                    | N/A                    | N/A                    | N/A                    | N/A                    |
| lp2sat2gminisat | Total Score    | 5.03                   | 8.44                   | 7.00                   | 5.01                   | 6.52                   | 7.68                   | 0.00                   | 0.00                   | 0.00                   | 6.36                   |
|                 | Inst\Opt Score | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 0.00                   | 0.00                   | 0.00                   | 5.00                   |
|                 | Time Score     | 0.03                   | 3.44                   | 2.00                   | 0.01                   | 1.52                   | 2.68                   | 0.00                   | 0.00                   | 0.00                   | 1.36                   |
|                 | Time           | 579.33                 | 6.38                   | 45.34                  | 590.56                 | 85.09                  | 18.40                  | TO                     | TO                     | TO                     | 104.48                 |
|                 | Outcome        | WF                     | WF                     | WF                     | WF                     | WF                     | WF                     | N/A                    | N/A                    | N/A                    | WF                     |
| lp2sat2lminisat | Total Score    | 7.68                   | 6.92                   | 7.08                   | 0.00                   | 6.89                   | 7.71                   | 5.12                   | 5.39                   | 0.00                   | 6.24                   |
|                 | Inst\Opt Score | 5.00                   | 5.00                   | 5.00                   | 0.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 0.00                   | 5.00                   |
|                 | Time Score     | 2.68                   | 1.92                   | 2.08                   | 0.00                   | 1.89                   | 2.71                   | 0.12                   | 0.39                   | 0.00                   | 1.24                   |
|                 | Time           | 18.40                  | 50.31                  | 40.89                  | TO                     | 52.55                  | 17.84                  | 516.83                 | 364.50                 | TO                     | 121.41                 |
|                 | Outcome        | WF                     | WF                     | WF                     | N/A                    | WF                     | WF                     | WF                     | WF                     | N/A                    | WF                     |
| lp2sat2minisat  | Total Score    | 6.10                   | 7.47                   | 6.51                   | 0.00                   | 7.07                   | 7.62                   | 6.26                   | 5.48                   | 0.00                   | 5.60                   |
|                 | Inst\Opt Score | 5.00                   | 5.00                   | 5.00                   | 0.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 0.00                   | 5.00                   |
|                 | Time Score     | 1.10                   | 2.47                   | 1.51                   | 0.00                   | 2.07                   | 2.62                   | 1.26                   | 0.48                   | 0.00                   | 0.60                   |
|                 | Time           | 145.50                 | 24.48                  | 86.09                  | TO                     | 41.48                  | 19.94                  | 119.27                 | 322.87                 | TO                     | 276.86                 |
|                 | Outcome        | WF                     | WF                     | WF                     | N/A                    | WF                     | WF                     | WF                     | WF                     | N/A                    | WF                     |
| smodels         | Total Score    | 0.00                   | 0.00                   | 0.00                   | 9.03                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
|                 | Inst\Opt Score | 0.00                   | 0.00                   | 0.00                   | 5.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
|                 | Time Score     | 0.00                   | 0.00                   | 0.00                   | 4.03                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   | 0.00                   |
|                 | Time           | MO/F                   | MO/F                   | TO                     | 2.46                   | MO/F                   | MO/F                   | TO                     | TO                     | MO/F                   | TO                     |
|                 | Outcome        | N/A                    | N/A                    | N/A                    | WF                     | N/A                    | N/A                    | N/A                    | N/A                    | N/A                    | N/A                    |
| sup             | Total Score    | 5.25                   | 8.43                   | 8.42                   | 0.00                   | 6.85                   | 8.64                   | 8.29                   | 5.69                   | 0.00                   | 6.44                   |
|                 | Inst\Opt Score | 5.00                   | 5.00                   | 5.00                   | 0.00                   | 5.00                   | 5.00                   | 5.00                   | 5.00                   | 0.00                   | 5.00                   |
|                 | Time Score     | 0.25                   | 3.43                   | 3.42                   | 0.00                   | 1.85                   | 3.64                   | 3.29                   | 0.69                   | 0.00                   | 1.44                   |
|                 | Time           | 434.26                 | 6.44                   | 6.52                   | TO                     | 55.35                  | 4.70                   | 7.94                   | 248.49                 | MO/F                   | 93.84                  |
|                 | Outcome        | WF                     | WF                     | WF                     | N/A                    | WF                     | WF                     | WF                     | WF                     | N/A                    | WF                     |





| System Track - Hanoi Tower: Detailed Results |                |                         |                         |                         |                         |                          |                          |                          |                          |                          |                          |
|--|----------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| System                                       | Total          | 03-hanoi_tower-60-0.asp | 09-hanoi_tower-28-0.asp | 10-hanoi_tower-29-0.asp | 40-hanoi_tower-80-0.asp | 43-hanoi_tower-100-0.asp | 46-hanoi_tower-100-0.asp | 51-hanoi_tower-120-0.asp | 56-hanoi_tower-120-0.asp | 57-hanoi_tower-120-0.asp | 59-hanoi_tower-120-0.asp |
| clasp  | Total Score    | 5.60                    | 8.67                    | 5.59                    | 0.00                    | 6.78                     | 5.59                     | 6.44                     | 0.00                     | 0.00                     | 0.00                     |
|  | Inst\Opt Score | 5.00                    | 5.00                    | 5.00                    | 0.00                    | 5.00                     | 5.00                     | 5.00                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time Score     | 0.60                    | 3.67                    | 0.59                    | 0.00                    | 1.78                     | 0.59                     | 1.44                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time           | 277.73                  | 4.48                    | 280.20                  | TO                      | 60.54                    | 281.93                   | 94.32                    | TO                       | MO/F                     | TO                       |
|  | Outcome        | WF                      | WF                      | WF                      | N/A                     | WF                       | WF                       | WF                       | N/A                      | N/A                      | N/A                      |
| claspd                                       | Total Score    | 5.90                    | 0.00                    | 6.79                    | 5.26                    | 7.32                     | 0.00                     | 5.98                     | 0.00                     | 0.00                     | 0.00                     |
|  | Inst\Opt Score | 5.00                    | 0.00                    | 5.00                    | 5.00                    | 5.00                     | 0.00                     | 5.00                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time Score     | 0.90                    | 0.00                    | 1.79                    | 0.26                    | 2.32                     | 0.00                     | 0.98                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time           | 188.89                  | TO                      | 59.60                   | 432.25                  | 30.00                    | TO                       | 170.77                   | TO                       | MO/F                     | TO                       |
|  | Outcome        | WF                      | N/A                     | WF                      | WF                      | WF                       | N/A                      | WF                       | N/A                      | N/A                      | N/A                      |
| claspfolio                                   | Total Score    | 5.51                    | 7.60                    | 7.10                    | 5.73                    | 7.34                     | 5.78                     | 7.70                     | 0.00                     | 0.00                     | 0.00                     |
|  | Inst\Opt Score | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                     | 5.00                     | 5.00                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time Score     | 0.51                    | 2.60                    | 2.10                    | 0.73                    | 2.34                     | 0.78                     | 2.70                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time           | 311.54                  | 20.58                   | 40.05                   | 233.66                  | 29.18                    | 220.89                   | 18.10                    | TO                       | TO                       | MO/F                     |
|  | Outcome        | WF                      | WF                      | WF                      | WF                      | WF                       | WF                       | WF                       | N/A                      | N/A                      | N/A                      |
| cmodels                                      | Total Score    | 6.85                    | 7.94                    | 6.87                    | 6.94                    | 8.05                     | 6.95                     | 7.48                     | 0.00                     | 0.00                     | 0.00                     |
|  | Inst\Opt Score | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                     | 5.00                     | 5.00                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time Score     | 1.85                    | 2.94                    | 1.87                    | 1.94                    | 3.05                     | 1.95                     | 2.48                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time           | 55.08                   | 13.02                   | 53.72                   | 48.98                   | 11.12                    | 48.30                    | 24.22                    | MO/F                     | MO/F                     | TO                       |
|  | Outcome        | WF                      | WF                      | WF                      | WF                      | WF                       | WF                       | WF                       | N/A                      | N/A                      | N/A                      |
| idp  | Total Score    | 6.69                    | 7.91                    | 8.53                    | 7.71                    | 8.07                     | 8.14                     | 7.21                     | 5.54                     | 5.31                     | 0.00                     |
|  | Inst\Opt Score | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                     | 5.00                     | 5.00                     | 5.00                     | 5.00                     | 0.00                     |
|  | Time Score     | 1.69                    | 2.91                    | 3.53                    | 2.71                    | 3.07                     | 3.14                     | 2.21                     | 0.54                     | 0.31                     | 0.00                     |
|  | Time           | 68.47                   | 13.56                   | 5.60                    | 17.84                   | 10.78                    | 9.86                     | 34.70                    | 300.89                   | 403.02                   | TO                       |
|  | Outcome        | WF                      | WF                      | WF                      | WF                      | WF                       | WF                       | WF                       | WF                       | WF                       | N/A                      |
| lp2diffz3                                    | Total Score    | 5.37                    | 7.34                    | 7.31                    | 6.55                    | 7.38                     | 6.60                     | 6.06                     | 0.00                     | 0.00                     | 0.00                     |
|  | Inst\Opt Score | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                     | 5.00                     | 5.00                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time Score     | 0.37                    | 2.34                    | 2.31                    | 1.55                    | 2.38                     | 1.60                     | 1.06                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time           | 372.41                  | 29.20                   | 30.42                   | 81.75                   | 27.42                    | 76.43                    | 153.55                   | MO/F                     | MO/F                     | TO                       |
|  | Outcome        | WF                      | WF                      | WF                      | WF                      | WF                       | WF                       | WF                       | N/A                      | N/A                      | N/A                      |
| lp2sat2gminisat                              | Total Score    | 7.50                    | 7.02                    | 7.56                    | 5.75                    | 6.98                     | 5.61                     | 6.22                     | 0.00                     | 0.00                     | 0.00                     |
|  | Inst\Opt Score | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                     | 5.00                     | 5.00                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time Score     | 2.50                    | 2.02                    | 2.56                    | 0.75                    | 1.98                     | 0.61                     | 1.22                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time           | 23.60                   | 44.51                   | 21.78                   | 230.52                  | 46.69                    | 275.96                   | 124.93                   | TO                       | TO                       | MO/F                     |
|  | Outcome        | WF                      | WF                      | WF                      | WF                      | WF                       | WF                       | WF                       | N/A                      | N/A                      | N/A                      |
| lp2sat2lminisat                              | Total Score    | 7.49                    | 7.01                    | 7.55                    | 5.74                    | 6.98                     | 5.60                     | 6.21                     | 0.00                     | 0.00                     | 0.00                     |
|  | Inst\Opt Score | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                     | 5.00                     | 5.00                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time Score     | 2.49                    | 2.01                    | 2.55                    | 0.74                    | 1.98                     | 0.60                     | 1.21                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time           | 23.76                   | 45.03                   | 21.98                   | 230.90                  | 46.95                    | 276.16                   | 126.25                   | TO                       | TO                       | MO/F                     |
|  | Outcome        | WF                      | WF                      | WF                      | WF                      | WF                       | WF                       | WF                       | N/A                      | N/A                      | N/A                      |
| lp2sat2minisat                               | Total Score    | 7.50                    | 7.03                    | 7.56                    | 5.75                    | 6.98                     | 5.61                     | 6.22                     | 0.00                     | 0.00                     | 0.00                     |
|  | Inst\Opt Score | 5.00                    | 5.00                    | 5.00                    | 5.00                    | 5.00                     | 5.00                     | 5.00                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time Score     | 2.50                    | 2.03                    | 2.56                    | 0.75                    | 1.98                     | 0.61                     | 1.22                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time           | 23.58                   | 43.84                   | 21.76                   | 230.43                  | 46.65                    | 274.99                   | 125.52                   | MO/F                     | TO                       | TO                       |
|  | Outcome        | WF                      | WF                      | WF                      | WF                      | WF                       | WF                       | WF                       | N/A                      | N/A                      | N/A                      |
| smodels                                      | Total Score    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                     | 0.00                     | 0.00                     | 0.00                     | 0.00                     | 0.00                     |
|  | Inst\Opt Score | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                     | 0.00                     | 0.00                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time Score     | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                     | 0.00                     | 0.00                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time           | TO                      | MO/F                    | MO/F                    | TO                      | MO/F                     | MO/F                     | MO/F                     | MO/F                     | MO/F                     | TO                       |
|  | Outcome        | N/A                     | N/A                     | N/A                     | N/A                     | N/A                      | N/A                      | N/A                      | N/A                      | N/A                      | N/A                      |
| sup  | Total Score    | 5.35                    | 6.32                    | 0.00                    | 6.27                    | 7.35                     | 0.00                     | 5.94                     | 0.00                     | 0.00                     | 0.00                     |
|  | Inst\Opt Score | 5.00                    | 5.00                    | 0.00                    | 5.00                    | 5.00                     | 0.00                     | 5.00                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time Score     | 0.35                    | 1.32                    | 0.00                    | 1.27                    | 2.35                     | 0.00                     | 0.94                     | 0.00                     | 0.00                     | 0.00                     |
|  | Time           | 383.12                  | 110.24                  | MO/F                    | 118.06                  | 28.80                    | TO                       | 178.77                   | TO                       | MO/F                     | MO/F                     |
|  | Outcome        | WF                      | WF                      | N/A                     | WF                      | WF                       | N/A                      | WF                       | N/A                      | N/A                      | N/A                      |





# System Track - Solitaire: Detailed Results

| System          | Total          | 08-solitaire-50-0.asp | 09-solitaire-50-0.asp | 15-solitaire-50-0.asp | 16-solitaire-50-0.asp | 17-solitaire-50-0.asp | 18-solitaire-50-0.asp | 24-solitaire-50-0.asp | 25-solitaire-50-0.asp | 26-solitaire-50-0.asp | 27-solitaire-50-0.asp |
|-----------------|----------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| clasp           | Total Score    | 0.00                  | 0.00                  | 0.00                  | 6.72                  | 0.00                  | 0.00                  | 6.56                  | 7.26                  | 0.00                  | 0.00                  |
|                 | Inst\Opt Score | 0.00                  | 0.00                  | 0.00                  | 5.00                  | 0.00                  | 0.00                  | 5.00                  | 5.00                  | 0.00                  | 0.00                  |
|                 | Time Score     | 0.00                  | 0.00                  | 0.00                  | 1.72                  | 0.00                  | 0.00                  | 1.56                  | 2.26                  | 0.00                  | 0.00                  |
|                 | Time           | MO/F                  | MO/F                  | MO/F                  | 65.31                 | MO/F                  | TO                    | 80.61                 | 32.20                 | MO/F                  | TO                    |
|                 | Outcome        | N/A                   | N/A                   | N/A                   | WF                    | N/A                   | N/A                   | WF                    | WF                    | N/A                   | N/A                   |
| claspd          | Total Score    | 0.00                  | 0.00                  | 5.48                  | 0.00                  | 0.00                  | 0.00                  | 5.08                  | 0.00                  | 0.00                  | 0.00                  |
|                 | Inst\Opt Score | 0.00                  | 0.00                  | 5.00                  | 0.00                  | 0.00                  | 0.00                  | 5.00                  | 0.00                  | 0.00                  | 0.00                  |
|                 | Time Score     | 0.00                  | 0.00                  | 0.48                  | 0.00                  | 0.00                  | 0.00                  | 0.08                  | 0.00                  | 0.00                  | 0.00                  |
|                 | Time           | MO/F                  | TO                    | 324.78                | MO/F                  | TO                    | MO/F                  | 541.68                | TO                    | MO/F                  | MO/F                  |
|                 | Outcome        | N/A                   | N/A                   | WF                    | N/A                   | N/A                   | N/A                   | WF                    | N/A                   | N/A                   | N/A                   |
| claspfolio      | Total Score    | 0.00                  | 0.00                  | 7.01                  | 5.55                  | 0.00                  | 0.00                  | 8.16                  | 0.00                  | 0.00                  | 0.00                  |
|                 | Inst\Opt Score | 0.00                  | 0.00                  | 5.00                  | 5.00                  | 0.00                  | 0.00                  | 5.00                  | 0.00                  | 0.00                  | 0.00                  |
|                 | Time Score     | 0.00                  | 0.00                  | 2.01                  | 0.55                  | 0.00                  | 0.00                  | 3.16                  | 0.00                  | 0.00                  | 0.00                  |
|                 | Time           | MO/F                  | MO/F                  | 44.92                 | 297.72                | TO                    | MO/F                  | 9.50                  | MO/F                  | TO                    | TO                    |
|                 | Outcome        | N/A                   | N/A                   | WF                    | WF                    | N/A                   | N/A                   | WF                    | N/A                   | N/A                   | N/A                   |
| cmodels         | Total Score    | 0.00                  | 0.00                  | 5.12                  | 6.23                  | 0.00                  | 0.00                  | 7.13                  | 0.00                  | 0.00                  | 0.00                  |
|                 | Inst\Opt Score | 0.00                  | 0.00                  | 5.00                  | 5.00                  | 0.00                  | 0.00                  | 5.00                  | 0.00                  | 0.00                  | 0.00                  |
|                 | Time Score     | 0.00                  | 0.00                  | 0.12                  | 1.23                  | 0.00                  | 0.00                  | 2.13                  | 0.00                  | 0.00                  | 0.00                  |
|                 | Time           | MO/F                  | TO                    | 513.27                | 124.22                | MO/F                  | TO                    | 38.58                 | MO/F                  | MO/F                  | MO/F                  |
|                 | Outcome        | N/A                   | N/A                   | WF                    | WF                    | N/A                   | N/A                   | WF                    | N/A                   | N/A                   | N/A                   |
| idp             | Total Score    | 6.22                  | 0.00                  | 8.97                  | 7.60                  | 0.00                  | 0.00                  | 8.10                  | 7.59                  | 0.00                  | 0.00                  |
|                 | Inst\Opt Score | 5.00                  | 0.00                  | 5.00                  | 5.00                  | 0.00                  | 0.00                  | 5.00                  | 5.00                  | 0.00                  | 0.00                  |
|                 | Time Score     | 1.22                  | 0.00                  | 3.97                  | 2.60                  | 0.00                  | 0.00                  | 3.10                  | 2.59                  | 0.00                  | 0.00                  |
|                 | Time           | 125.03                | MO/F                  | 2.72                  | 20.70                 | TO                    | TO                    | 10.32                 | 20.74                 | TO                    | TO                    |
|                 | Outcome        | WF                    | N/A                   | WF                    | WF                    | N/A                   | N/A                   | WF                    | WF                    | N/A                   | N/A                   |
| lp2diffz3       | Total Score    | 0.00                  | 0.00                  | 6.68                  | 5.67                  | 0.00                  | 0.00                  | 6.88                  | 6.20                  | 0.00                  | 0.00                  |
|                 | Inst\Opt Score | 0.00                  | 0.00                  | 5.00                  | 5.00                  | 0.00                  | 0.00                  | 5.00                  | 5.00                  | 0.00                  | 0.00                  |
|                 | Time Score     | 0.00                  | 0.00                  | 1.68                  | 0.67                  | 0.00                  | 0.00                  | 1.88                  | 1.20                  | 0.00                  | 0.00                  |
|                 | Time           | TO                    | TO                    | 69.38                 | 252.49                | TO                    | TO                    | 53.40                 | 127.61                | TO                    | TO                    |
|                 | Outcome        | N/A                   | N/A                   | WF                    | WF                    | N/A                   | N/A                   | WF                    | WF                    | N/A                   | N/A                   |
| lp2sat2gminisat | Total Score    | 0.00                  | 0.00                  | 6.32                  | 7.45                  | 0.00                  | 0.00                  | 7.94                  | 7.35                  | 0.00                  | 0.00                  |
|                 | Inst\Opt Score | 0.00                  | 0.00                  | 5.00                  | 5.00                  | 0.00                  | 0.00                  | 5.00                  | 5.00                  | 0.00                  | 0.00                  |
|                 | Time Score     | 0.00                  | 0.00                  | 1.32                  | 2.45                  | 0.00                  | 0.00                  | 2.94                  | 2.35                  | 0.00                  | 0.00                  |
|                 | Time           | TO                    | TO                    | 110.63                | 25.06                 | TO                    | TO                    | 13.02                 | 28.72                 | TO                    | TO                    |
|                 | Outcome        | N/A                   | N/A                   | WF                    | WF                    | N/A                   | N/A                   | WF                    | WF                    | N/A                   | N/A                   |
| lp2sat2lminisat | Total Score    | 0.00                  | 0.00                  | 6.31                  | 7.46                  | 0.00                  | 0.00                  | 7.93                  | 7.35                  | 0.00                  | 0.00                  |
|                 | Inst\Opt Score | 0.00                  | 0.00                  | 5.00                  | 5.00                  | 0.00                  | 0.00                  | 5.00                  | 5.00                  | 0.00                  | 0.00                  |
|                 | Time Score     | 0.00                  | 0.00                  | 1.31                  | 2.46                  | 0.00                  | 0.00                  | 2.93                  | 2.35                  | 0.00                  | 0.00                  |
|                 | Time           | TO                    | TO                    | 111.38                | 24.86                 | TO                    | TO                    | 13.06                 | 28.88                 | TO                    | TO                    |
|                 | Outcome        | N/A                   | N/A                   | WF                    | WF                    | N/A                   | N/A                   | WF                    | WF                    | N/A                   | N/A                   |
| lp2sat2minisat  | Total Score    | 0.00                  | 0.00                  | 6.32                  | 7.46                  | 0.00                  | 0.00                  | 7.95                  | 7.35                  | 0.00                  | 0.00                  |
|                 | Inst\Opt Score | 0.00                  | 0.00                  | 5.00                  | 5.00                  | 0.00                  | 0.00                  | 5.00                  | 5.00                  | 0.00                  | 0.00                  |
|                 | Time Score     | 0.00                  | 0.00                  | 1.32                  | 2.46                  | 0.00                  | 0.00                  | 2.95                  | 2.35                  | 0.00                  | 0.00                  |
|                 | Time           | TO                    | TO                    | 110.64                | 24.68                 | TO                    | TO                    | 12.84                 | 28.60                 | TO                    | TO                    |
|                 | Outcome        | N/A                   | N/A                   | WF                    | WF                    | N/A                   | N/A                   | WF                    | WF                    | N/A                   | N/A                   |
| smodels         | Total Score    | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  |
|                 | Inst\Opt Score | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  |
|                 | Time Score     | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  | 0.00                  |
|                 | Time           | TO                    | TO                    | MO/F                  | MO/F                  | TO                    | MO/F                  | MO/F                  | MO/F                  | MO/F                  | TO                    |
|                 | Outcome        | N/A                   | N/A                   | N/A                   | N/A                   | N/A                   | N/A                   | N/A                   | N/A                   | N/A                   | N/A                   |
| sup             | Total Score    | 0.00                  | 0.00                  | 7.09                  | 0.00                  | 0.00                  | 0.00                  | 7.66                  | 0.00                  | 0.00                  | 0.00                  |
|                 | Inst\Opt Score | 0.00                  | 0.00                  | 5.00                  | 0.00                  | 0.00                  | 0.00                  | 5.00                  | 0.00                  | 0.00                  | 0.00                  |
|                 | Time Score     | 0.00                  | 0.00                  | 2.09                  | 0.00                  | 0.00                  | 0.00                  | 2.66                  | 0.00                  | 0.00                  | 0.00                  |
|                 | Time           | MO/F                  | MO/F                  | 40.44                 | MO/F                  | MO/F                  | TO                    | 18.92                 | MO/F                  | MO/F                  | TO                    |
|                 | Outcome        | N/A                   | N/A                   | WF                    | N/A                   | N/A                   | N/A                   | WF                    | N/A                   | N/A                   | N/A                   |

# System Track - Weight Assignment Tree: Detailed Results

| System     | Total          | 06-weight_assignment_tree-560-0.asp | 09-weight_assignment_tree-778-0.asp | 30-weight_assignment_tree-631-0.asp | 43-weight_assignment_tree-645-0.asp | 45-weight_assignment_tree-312-0.asp | 52-weight_assignment_tree-1777-0.asp | 55-weight_assignment_tree-1620-0.asp | 58-weight_assignment_tree-1647-0.asp | 59-weight_assignment_tree-1595-0.asp | 61-weight_assignment_tree-1542-0.asp |
|------------|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| clasp      | Total Score    | 0.00                                | 0.00                                | 6.88                                | 6.76                                | 7.61                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Inst\Opt Score | 0.00                                | 0.00                                | 5.00                                | 5.00                                | 5.00                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Time Score     | 0.00                                | 0.00                                | 1.88                                | 1.76                                | 2.61                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Time           | 53.46                               | 64.30                               | 53.14                               | 62.40                               | 20.20                               | 135.22                               | 135.39                               | 134.60                               | 134.70                               | 134.87                               |
|            | Outcome        | N/A                                 | N/A                                 | WF                                  | WF                                  | WF                                  | N/A                                  | N/A                                  | N/A                                  | N/A                                  | N/A                                  |
| claspd     | Total Score    | 0.00                                | 0.00                                | 6.34                                | 6.60                                | 7.37                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Inst\Opt Score | 0.00                                | 0.00                                | 5.00                                | 5.00                                | 5.00                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Time Score     | 0.00                                | 0.00                                | 1.34                                | 1.60                                | 2.37                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Time           | 86.77                               | 99.91                               | 107.00                              | 76.95                               | 28.06                               | 123.39                               | 123.54                               | 122.68                               | 123.01                               | 122.79                               |
|            | Outcome        | N/A                                 | N/A                                 | WF                                  | WF                                  | WF                                  | N/A                                  | N/A                                  | N/A                                  | N/A                                  | N/A                                  |
| claspfolio | Total Score    | 0.00                                | 0.00                                | 6.74                                | 6.63                                | 7.46                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Inst\Opt Score | 0.00                                | 0.00                                | 5.00                                | 5.00                                | 5.00                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Time Score     | 0.00                                | 0.00                                | 1.74                                | 1.63                                | 2.46                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Time           | 69.55                               | 84.66                               | 64.04                               | 73.40                               | 24.82                               | 213.87                               | 214.25                               | 208.22                               | 207.16                               | 207.07                               |
|            | Outcome        | N/A                                 | N/A                                 | WF                                  | WF                                  | WF                                  | N/A                                  | N/A                                  | N/A                                  | N/A                                  | N/A                                  |
| cmodels    | Total Score    | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 6.21                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Inst\Opt Score | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 5.00                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Time Score     | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 1.21                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Time           | 81.14                               | 94.93                               | 54.22                               | 53.90                               | 126.72                              | 130.11                               | 129.58                               | 128.79                               | 129.88                               | 129.03                               |
|            | Outcome        | N/A                                 | N/A                                 | N/A                                 | N/A                                 | WF                                  | N/A                                  | N/A                                  | N/A                                  | N/A                                  | N/A                                  |
| idp        | Total Score    | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 7.59                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Inst\Opt Score | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 5.00                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Time Score     | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 2.59                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Time           | 48.76                               | 57.26                               | 39.70                               | 40.60                               | 20.98                               | 172.74                               | 173.47                               | 165.18                               | 164.79                               | 165.05                               |
|            | Outcome        | N/A                                 | N/A                                 | N/A                                 | N/A                                 | WF                                  | N/A                                  | N/A                                  | N/A                                  | N/A                                  | N/A                                  |
| lp2diffz3  | Total Score    | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Inst\Opt Score | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Time Score     | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Time           | 212.32                              | 239.88                              | 146.76                              | 175.10                              | TO                                  | 190.03                               | 188.43                               | 189.07                               | 187.97                               | 187.68                               |
|            | Outcome        | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                  | N/A                                  | N/A                                  | N/A                                  | N/A                                  |
| smodels    | Total Score    | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Inst\Opt Score | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Time Score     | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Time           | TO                                  | TO                                  | TO                                  | TO                                  | TO                                  | 187.73                               | 190.07                               | 186.83                               | 188.44                               | 186.95                               |
|            | Outcome        | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                 | N/A                                  | N/A                                  | N/A                                  | N/A                                  | N/A                                  |
| sup        | Total Score    | 5.57                                | 0.00                                | 5.84                                | 6.43                                | 7.11                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Inst\Opt Score | 5.00                                | 0.00                                | 5.00                                | 5.00                                | 5.00                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Time Score     | 0.57                                | 0.00                                | 0.84                                | 1.43                                | 2.11                                | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 | 0.00                                 |
|            | Time           | 289.05                              | 103.22                              | 203.33                              | 95.45                               | 39.25                               | 129.29                               | 129.53                               | 129.89                               | 128.93                               | 130.57                               |
|            | Outcome        | WF                                  | N/A                                 | WF                                  | WF                                  | WF                                  | N/A                                  | N/A                                  | N/A                                  | N/A                                  | N/A                                  |

