| Program     | <b>Mutation Score</b> | Classification | Test Time (s) | Test Suite Size | Num Mutants |
|-------------|-----------------------|----------------|---------------|-----------------|-------------|
| program_003 | 87.5                  | Well tested    | 0.043905497   | 10              | 8           |
| program_005 | 100                   | Well tested    | 0.028368235   | 6               | 3           |
| program_007 | 100                   | Well tested    | 0.028825045   | 10              | 1           |
| program_009 | 100                   | Well tested    | 296.205225    | 7               | 2           |
| program_014 | 0                     | Weakly tested  | 0.010080814   | 8               | 0           |
| program_019 | 100                   | Well tested    | 0.109035015   | 8               | 10          |
| program_020 | 77.7777778            | Weakly tested  | 0.086176634   | 10              | 9           |
| program_021 | 94.4444444            | Well tested    | 5.166196585   | 10              | 18          |
| program_023 | 88.23529412           | Well tested    | 20.30141473   | 9               | 17          |
| program_024 | 100                   | Well tested    | 0.028298855   | 9               | 3           |
| program_025 | 90                    | Well tested    | 0.13141799    | 9               | 10          |
| program_027 | 100                   | Well tested    | 0.02414465    | 5               | 2           |
| program_029 | 90                    | Well tested    | 0.037096262   | 8               | 10          |
| program_033 | 100                   | Well tested    | 0.058027983   | 8               | 9           |
| program_036 | 0                     | Weakly tested  | 0.014749289   | 9               | 0           |
| program_037 | 100                   | Well tested    | 0.029145002   | 10              | 1           |
| program_041 | 100                   | Well tested    | 0.272083998   | 9               | 10          |
| program_048 | 100                   | Well tested    | 0.044544935   | 9               | 6           |
| program_051 | 89.47368421           | Well tested    | 0.586603642   | 9               | 19          |
| program_053 | 0                     | Weakly tested  | 0.009073734   | 8               | 0           |
| program_057 | 0                     | Weakly tested  | 0.015080214   | 8               | 0           |
| program_060 | 0                     | Weakly tested  | 0.015013933   | 5               | 0           |
| program_063 | 100                   | Well tested    | 0.028781652   | 8               | 1           |
| program_069 | 100                   | Well tested    | 1.515842438   | 9               | 13          |
| program_070 | 100                   | Well tested    | 0.038002729   | 8               | 3           |
| program_071 | 100                   | Well tested    | 0.11549592    | 6               | 10          |
| program_074 | 0                     | Weakly tested  | 0.013533115   | 9               | 0           |
| program_075 | 50                    | Weakly tested  | 0.046963215   | 9               | 2           |
| program_078 | 100                   | Well tested    | 0.027493238   | 7               | 3           |
| program_084 | 100                   | Well tested    | 0.041133165   | 9               | 1           |
| program_085 | 45                    | Weakly tested  | 0.109330654   | 9               | 20          |
| program_086 | 100                   | Well tested    | 0.020155907   | 9               | 1           |
| program_092 | 100                   | Well tested    | 5.079916477   | 9               | 10          |
| program_093 | 100                   | Well tested    | 0.051385641   | 9               | 3           |
| program_094 | 100                   | Well tested    | 0.023727894   | 5               | 2           |
| program_095 | 100                   | Well tested    | 0.032409906   | 6               | 3           |
| program_099 | 100                   | Well tested    | 5.073292494   | 9               | 4           |
|             |                       |                |               |                 |             |

| Assertion Count | Statement Coverage (%) | Killed | Survived | Timeout |
|-----------------|------------------------|--------|----------|---------|
| 7               | 50                     | 7      | 1        | 0       |
| 3               | 66.67                  | 3      | 0        | 0       |
| 1               | 66.67                  | 1      | 0        | 0       |
| 2               | 62.5                   | 2      | 0        | 0       |
| 0               | 50                     | 0      | 0        | 0       |
| 10              | 87.5                   | 10     | 0        | 0       |
| 7               |                        | 7      | 2        | 0       |
| 16              | 93.75                  | 16     | 1        | 1       |
| 11              |                        | 11     | 2        | 4       |
| 3               |                        | 3      | 0        | 0       |
| 9               |                        | 9      | 1        | 0       |
| 2               |                        | 2      | 0        | 0       |
| 9               |                        | 9      | 1        | 0       |
| 9               |                        | 9      | 0        | 0       |
| 0               |                        | 0      | 0        | 0       |
| 1               |                        | 1      | 0        | 0       |
| 10              |                        | 10     | 0        | 0       |
| 6               |                        | 6      | 0        | 0       |
| 17              |                        | 17     | 2        | 0       |
| 0               |                        | 0      | 0        | 0       |
| 0               |                        | 0      | 0        | 0       |
| 0               |                        | 0      | 0        | 0       |
| 1               |                        | 1      | 0        | 0       |
| 13              |                        | 13     | 0        | 0       |
| 3               |                        | 3      | 0        | 0       |
| 10              |                        | 10     | 0        | 0       |
| 0               |                        | 0      | 0        | 0       |
| 1               |                        | 1      | 1        | 0       |
| 3               |                        | 3      | 0        | 0       |
| 1               |                        | 1      | 0        | 0       |
| 9               |                        | 9      | 11       | 0       |
| 1               |                        | 1      | 0        | 0       |
| 9               |                        | 9      | 0        | 1       |
| 3               |                        | 3      | 0        | 0       |
| 2               |                        | 2      | 0        | 0       |
| 3               |                        | 3      | 0        | 0       |
| 3               | 83.33                  | 3      | 0        | 1       |