[\*] 18 tests passed:

- test\_generated\_mutants [0.09107 s]

[\*] Start mutants generation and execution:

- [# 1] AOR source\_to\_mutate: [0.10105 s] killed by test\_generated\_mutants.py::test\_bf\_jupiter\_neptune

- [# 2] AOR source\_to\_mutate: [0.07856 s] killed by test\_generated\_mutants.py::test\_bf\_earth\_mercury

- [# 3] COD source\_to\_mutate: [0.05114 s] killed by test\_generated\_mutants.py::test\_bf\_jupiter\_neptune

- [# 4] COD source\_to\_mutate: [0.07970 s] killed by test\_generated\_mutants.py::test\_bf\_jupiter\_neptune

- [# 5] COI source\_to\_mutate: [0.05599 s] killed by test\_generated\_mutants.py::test\_bf\_jupiter\_neptune

- [# 6] COI source\_to\_mutate: [0.07860 s] killed by test\_generated\_mutants.py::test\_bf\_jupiter\_neptune

- [# 7] LCR source\_to\_mutate: [0.07110 s] killed by test\_generated\_mutants.py::test\_bf\_invalid\_planet1

- [# 8] ROR source\_to\_mutate: [0.06548 s] killed by test\_generated\_mutants.py::test\_bf\_jupiter\_neptune

- [# 9] ROR source\_to\_mutate: [0.07000 s] killed by test\_generated\_mutants.py::test\_bf\_jupiter\_neptune

- [# 10] ROR source\_to\_mutate: [0.06386 s] survived

- [# 11] SIR source\_to\_mutate: [0.08010 s] killed by test\_generated\_mutants.py::test\_bf\_jupiter\_neptune

- [# 12] SIR source\_to\_mutate: [0.07070 s] killed by test\_generated\_mutants.py::test\_bf\_jupiter\_neptune

- [# 13] SIR source\_to\_mutate: [0.06628 s] killed by test\_generated\_mutants.py::test\_bf\_earth\_mercury

- [# 14] SIR source\_to\_mutate: [0.06936 s] killed by test\_generated\_mutants.py::test\_bf\_earth\_mercury

[\*] Mutation score [1.13060 s]: 92.9%

- all: 14

- killed: 13 (92.9%)

- survived: 1 (7.1%)

- incompetent: 0 (0.0%)

- timeout: 0 (0.0%)

[SUCCESS] Initial tests passed. Now calculating coverage and mutation score.

--- Step 4: Calculating test coverage ---

[INFO] Running coverage for target: mutation\_output\source\_to\_mutate.py, tests: mutation\_output\test\_generated\_mutants.py

Name Stmts Miss Branch BrPart Cover Missing

-----------------------------------------------------------------

source\_to\_mutate.py 9 0 4 0 100%

-----------------------------------------------------------------

TOTAL 9 0 4 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 92.90%

--- Analysis Finished ---