[\*] Start mutation process:

- targets: source\_to\_mutate

- tests: test\_generated\_mutants

[\*] 18 tests passed:

- test\_generated\_mutants [0.13508 s]

[\*] Start mutants generation and execution:

- [# 1] ASR source\_to\_mutate: [0.15656 s] killed by test\_generated\_mutants.py::test\_single\_group

- [# 2] ASR source\_to\_mutate: [0.11885 s] killed by test\_generated\_mutants.py::test\_single\_group

- [# 3] COI source\_to\_mutate: [0.09505 s] killed by test\_generated\_mutants.py::test\_single\_group

- [# 4] COI source\_to\_mutate: [0.11485 s] killed by test\_generated\_mutants.py::test\_single\_group

- [# 5] COI source\_to\_mutate: [0.09012 s] killed by test\_generated\_mutants.py::test\_single\_group

- [# 6] ROR source\_to\_mutate: [0.10481 s] killed by test\_generated\_mutants.py::test\_single\_group

- [# 7] ROR source\_to\_mutate: [0.10024 s] killed by test\_generated\_mutants.py::test\_single\_group

- [# 8] ROR source\_to\_mutate: [0.10296 s] killed by test\_generated\_mutants.py::test\_single\_group

- [# 9] ROR source\_to\_mutate: [0.11303 s] survived

- [# 10] ROR source\_to\_mutate: [0.10521 s] survived

- [# 11] ROR source\_to\_mutate: [0.10526 s] survived

- [# 12] ROR source\_to\_mutate: [0.11440 s] survived

[\*] Mutation score [1.56738 s]: 66.7%

- all: 12

- killed: 8 (66.7%)

- survived: 4 (33.3%)

- 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 22 4 8 0 87% 38-47

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

TOTAL 22 4 8 0 87%

--- Step 5: Final Results ---

[INFO] Test Coverage: 87%

[INFO] Mutation Score: 66.70%

--- Analysis Finished ---