[\*] Start mutation process:

- targets: source\_to\_mutate

- tests: test\_generated\_mutants

[\*] 11 tests passed:

- test\_generated\_mutants [0.08049 s]

[\*] Start mutants generation and execution:

- [# 1] AOR source\_to\_mutate: [0.12436 s] killed by test\_generated\_mutants.py::test\_tri\_2

- [# 2] AOR source\_to\_mutate: [0.08168 s] killed by test\_generated\_mutants.py::test\_tri\_2

- [# 3] AOR source\_to\_mutate: [0.07958 s] survived

- [# 4] AOR source\_to\_mutate: [0.06369 s] killed by test\_generated\_mutants.py::test\_tri\_2

- [# 5] AOR source\_to\_mutate: [0.07548 s] killed by test\_generated\_mutants.py::test\_tri\_2

- [# 6] AOR source\_to\_mutate: [0.05946 s] killed by test\_generated\_mutants.py::test\_tri\_3

- [# 7] AOR source\_to\_mutate: [0.07171 s] killed by test\_generated\_mutants.py::test\_tri\_3

- [# 8] AOR source\_to\_mutate: [0.07832 s] killed by test\_generated\_mutants.py::test\_tri\_3

- [# 9] AOR source\_to\_mutate: [0.06993 s] killed by test\_generated\_mutants.py::test\_tri\_3

- [# 10] AOR source\_to\_mutate: [0.07894 s] killed by test\_generated\_mutants.py::test\_tri\_3

- [# 11] AOR source\_to\_mutate: [0.07159 s] survived

- [# 12] AOR source\_to\_mutate: [0.06510 s] killed by test\_generated\_mutants.py::test\_tri\_3

- [# 13] COI source\_to\_mutate: [0.06376 s] killed by test\_generated\_mutants.py::test\_tri\_0

- [# 14] COI source\_to\_mutate: [0.07038 s] killed by test\_generated\_mutants.py::test\_tri\_2

- [# 15] ROR source\_to\_mutate: [0.06341 s] killed by test\_generated\_mutants.py::test\_tri\_0

- [# 16] ROR source\_to\_mutate: [0.07057 s] killed by test\_generated\_mutants.py::test\_tri\_2

[\*] Mutation score [1.31737 s]: 87.5%

- all: 16

- killed: 14 (87.5%)

- survived: 2 (12.5%)

- 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 6 0 100%

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

TOTAL 9 0 6 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 87.50%

--- Analysis Finished ---