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

[\*] Start mutation process:

- targets: source\_to\_mutate

- tests: test\_generated\_mutants

[\*] 23 tests passed:

- test\_generated\_mutants [1.05933 s]

[\*] Start mutants generation and execution:

- [# 1] AOR source\_to\_mutate: [0.38964 s] incompetent

- [# 2] AOR source\_to\_mutate: [0.19555 s] survived

- [# 3] AOR source\_to\_mutate: [0.18911 s] killed by test\_generated\_mutants.py::test\_cycpattern\_check\_true\_ell

- [# 4] AOR source\_to\_mutate: [0.17372 s] killed by test\_generated\_mutants.py::test\_cycpattern\_check\_true\_baa

- [# 5] AOR source\_to\_mutate: [0.17598 s] killed by test\_generated\_mutants.py::test\_cycpattern\_check\_true\_ell

- [# 6] AOR source\_to\_mutate: [0.18934 s] survived

- [# 7] COI source\_to\_mutate: [0.16033 s] killed by test\_generated\_mutants.py::test\_cycpattern\_check\_false\_abd

- [# 8] CRP source\_to\_mutate: [0.18376 s] survived

- [# 9] CRP source\_to\_mutate: [0.18332 s] survived

- [# 10] ROR source\_to\_mutate: [0.16689 s] killed by test\_generated\_mutants.py::test\_cycpattern\_check\_false\_abd

- [# 11] SIR source\_to\_mutate: [0.16837 s] killed by test\_generated\_mutants.py::test\_cycpattern\_check\_true\_ell

- [# 12] SIR source\_to\_mutate: [0.17045 s] killed by test\_generated\_mutants.py::test\_cycpattern\_check\_true\_ell

- [# 13] SIR source\_to\_mutate: [0.17846 s] killed by test\_generated\_mutants.py::test\_cycpattern\_check\_true\_baa

- [# 14] SIR source\_to\_mutate: [0.17513 s] killed by test\_generated\_mutants.py::test\_cycpattern\_check\_true\_baa

[\*] Mutation score [3.83630 s]: 69.2%

- all: 14

- killed: 9 (64.3%)

- survived: 4 (28.6%)

- incompetent: 1 (7.1%)

- 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 8 0 6 0 100%

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

TOTAL 8 0 6 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 69.20%

--- Analysis Finished ---