--- Step 3: Running mutation testing (Attempt 1/30) ---

[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

[\*] 9 tests passed:

- test\_generated\_mutants [0.21055 s]

[\*] Start mutants generation and execution:

- [# 1] AOR source\_to\_mutate: [0.10650 s] killed by test\_generated\_mutants.py::test\_f\_one

- [# 2] AOR source\_to\_mutate: [0.05577 s] killed by test\_generated\_mutants.py::test\_f\_two

- [# 3] AOR source\_to\_mutate: [0.06950 s] killed by test\_generated\_mutants.py::test\_f\_two

- [# 4] AOR source\_to\_mutate: [0.05039 s] killed by test\_generated\_mutants.py::test\_f\_one

- [# 5] ASR source\_to\_mutate: [0.06532 s] killed by test\_generated\_mutants.py::test\_f\_two

- [# 6] ASR source\_to\_mutate: [0.04908 s] killed by test\_generated\_mutants.py::test\_f\_two

- [# 7] ASR source\_to\_mutate: [0.05203 s] killed by test\_generated\_mutants.py::test\_f\_two

- [# 8] ASR source\_to\_mutate: [0.04895 s] incompetent

- [# 9] ASR source\_to\_mutate: [0.05041 s] killed by test\_generated\_mutants.py::test\_f\_one

- [# 10] ASR source\_to\_mutate: [0.05308 s] incompetent

- [# 11] COI source\_to\_mutate: [0.05023 s] killed by test\_generated\_mutants.py::test\_f\_two

- [# 12] ROR source\_to\_mutate: [0.05160 s] killed by test\_generated\_mutants.py::test\_f\_two

[\*] Mutation score [0.95740 s]: 100.0%

- all: 12

- killed: 10 (83.3%)

- survived: 0 (0.0%)

- incompetent: 2 (16.7%)

- 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 11 0 4 0 100%

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

TOTAL 11 0 4 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 100.00%

--- Analysis Finished ---