--- Step 3: Running mutation testing (Attempt 1/40) ---

[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

[\*] 15 tests passed:

- test\_generated\_mutants [1.04528 s]

[\*] Start mutants generation and execution:

- [# 1] AOR source\_to\_mutate: [0.37046 s] killed by test\_generated\_mutants.py::test\_eat\_enough\_remaining

- [# 2] AOR source\_to\_mutate: [0.16921 s] killed by test\_generated\_mutants.py::test\_eat\_enough\_remaining

- [# 3] AOR source\_to\_mutate: [0.19319 s] killed by test\_generated\_mutants.py::test\_eat\_more\_than\_remaining

- [# 4] COI source\_to\_mutate: [0.18237 s] killed by test\_generated\_mutants.py::test\_eat\_enough\_remaining

- [# 5] CRP source\_to\_mutate: [0.19347 s] killed by test\_generated\_mutants.py::test\_eat\_more\_than\_remaining

- [# 6] ROR source\_to\_mutate: [0.17680 s] killed by test\_generated\_mutants.py::test\_eat\_enough\_remaining

- [# 7] ROR source\_to\_mutate: [0.18091 s] survived

[\*] Mutation score [2.54824 s]: 85.7%

- all: 7

- killed: 6 (85.7%)

- survived: 1 (14.3%)

- 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 4 0 2 0 100%

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

TOTAL 4 0 2 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 85.70%

--- Analysis Finished ---