--- Step 3: Running mutation testing (Attempt 8/30) ---

[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

[\*] 18 tests passed:

- test\_generated\_mutants [0.10028 s]

[\*] Start mutants generation and execution:

- [# 1] ASR source\_to\_mutate: [0.10576 s] killed by test\_generated\_mutants.py::test\_single\_word\_match

- [# 2] COD source\_to\_mutate: [0.06191 s] killed by test\_generated\_mutants.py::test\_single\_word\_match

- [# 3] COI source\_to\_mutate: [0.05478 s] killed by test\_generated\_mutants.py::test\_single\_word\_match

- [# 4] COI source\_to\_mutate: [0.05276 s] killed by test\_generated\_mutants.py::test\_single\_word\_match

- [# 5] ROR source\_to\_mutate: [0.06164 s] killed by test\_generated\_mutants.py::test\_single\_word\_match

[\*] Mutation score [0.48216 s]: 100.0%

- all: 5

- killed: 5 (100.0%)

- survived: 0 (0.0%)

- 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 10 0 8 0 100%

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

TOTAL 10 0 8 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 100.00%

--- Analysis Finished ---