[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

[\*] 19 tests passed:

- test\_generated\_mutants [1.82949 s]

[\*] Start mutants generation and execution:

- [# 1] AOD source\_to\_mutate: [0.60502 s] killed by test\_generated\_mutants.py::test\_example\_3

- [# 2] AOR source\_to\_mutate: [0.22078 s] incompetent

- [# 3] AOR source\_to\_mutate: [0.25893 s] incompetent

- [# 4] AOR source\_to\_mutate: [0.26063 s] incompetent

- [# 5] AOR source\_to\_mutate: [0.26782 s] killed by test\_generated\_mutants.py::test\_empty\_list

- [# 6] AOR source\_to\_mutate: [0.23011 s] killed by test\_generated\_mutants.py::test\_example\_3

- [# 7] ASR source\_to\_mutate: [0.28330 s] killed by test\_generated\_mutants.py::test\_empty\_list

- [# 8] COI source\_to\_mutate: [0.27658 s] killed by test\_generated\_mutants.py::test\_empty\_list

- [# 9] CRP source\_to\_mutate: [0.25117 s] killed by test\_generated\_mutants.py::test\_example\_2

- [# 10] CRP source\_to\_mutate: [0.29542 s] survived

- [# 11] CRP source\_to\_mutate: [0.20749 s] killed by test\_generated\_mutants.py::test\_example\_2

- [# 12] CRP source\_to\_mutate: [0.20575 s] killed by test\_generated\_mutants.py::test\_example\_3

- [# 13] CRP source\_to\_mutate: [0.20653 s] killed by test\_generated\_mutants.py::test\_empty\_list

- [# 14] ROR source\_to\_mutate: [0.22708 s] killed by test\_generated\_mutants.py::test\_example\_1

- [# 15] ROR source\_to\_mutate: [0.20342 s] killed by test\_generated\_mutants.py::test\_empty\_list

[\*] Mutation score [5.93938 s]: 91.7%

- all: 15

- killed: 11 (73.3%)

- survived: 1 (6.7%)

- incompetent: 3 (20.0%)

- 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: 91.70%

--- Analysis Finished ---