[\*] Start mutation process:

- targets: source\_to\_mutate

- tests: test\_generated\_mutants

[\*] 21 tests passed:

- test\_generated\_mutants [0.08927 s]

[\*] Start mutants generation and execution:

- [# 1] AOD source\_to\_mutate: [0.11119 s] killed by test\_generated\_mutants.py::test\_empty\_string

- [# 2] AOR source\_to\_mutate: [0.06383 s] killed by test\_generated\_mutants.py::test\_empty\_string

- [# 3] LCR source\_to\_mutate: [0.06010 s] incompetent

- [# 4] ROR source\_to\_mutate: [0.06771 s] incompetent

- [# 5] ROR source\_to\_mutate: [0.08108 s] killed by test\_generated\_mutants.py::test\_multiple\_words\_last\_char\_is\_letter

- [# 6] ROR source\_to\_mutate: [0.07026 s] killed by test\_generated\_mutants.py::test\_single\_letter

- [# 7] ROR source\_to\_mutate: [0.06460 s] killed by test\_generated\_mutants.py::test\_single\_letter

- [# 8] ROR source\_to\_mutate: [0.08873 s] survived

[\*] Mutation score [0.73836 s]: 83.3%

- all: 8

- killed: 5 (62.5%)

- survived: 1 (12.5%)

- incompetent: 2 (25.0%)

- 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 3 0 0 0 100%

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

TOTAL 3 0 0 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 83.30%

--- Analysis Finished ---