[\*] 24 tests passed:

- test\_generated\_mutants [0.11254 s]

[\*] Start mutants generation and execution:

- [# 1] AOR source\_to\_mutate: [0.11118 s] killed by test\_generated\_mutants.py::test\_strongest\_extension\_mixed\_case

- [# 2] AOR source\_to\_mutate: [0.07920 s] killed by test\_generated\_mutants.py::test\_strongest\_extension\_mixed\_case

- [# 3] AOR source\_to\_mutate: [0.06671 s] incompetent

- [# 4] AOR source\_to\_mutate: [0.06682 s] incompetent

- [# 5] COI source\_to\_mutate: [0.06355 s] killed by test\_generated\_mutants.py::test\_strongest\_extension\_basic

- [# 6] LCR source\_to\_mutate: [0.05536 s] killed by test\_generated\_mutants.py::test\_strongest\_extension\_mixed\_case

- [# 7] LCR source\_to\_mutate: [0.07381 s] survived

- [# 8] LCR source\_to\_mutate: [0.06995 s] survived

- [# 9] LCR source\_to\_mutate: [0.07963 s] killed by test\_generated\_mutants.py::test\_strongest\_extension\_mixed\_case

- [# 10] ROR source\_to\_mutate: [0.08621 s] killed by test\_generated\_mutants.py::test\_strongest\_extension\_basic

- [# 11] ROR source\_to\_mutate: [0.06554 s] killed by test\_generated\_mutants.py::test\_strongest\_extension\_basic

[\*] Mutation score [1.00301 s]: 77.8%

- all: 11

- killed: 7 (63.6%)

- survived: 2 (18.2%)

- incompetent: 2 (18.2%)

- 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 4 0 100%

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

TOTAL 10 0 4 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 77.80%

--- Analysis Finished ---