[\*] 18 tests passed:

- test\_generated\_mutants [0.09621 s]

[\*] Start mutants generation and execution:

- [# 1] AOR source\_to\_mutate: [0.13068 s] killed by test\_generated\_mutants.py::test\_simplify\_true\_1

- [# 2] AOR source\_to\_mutate: [0.07072 s] killed by test\_generated\_mutants.py::test\_simplify\_false\_1

- [# 3] AOR source\_to\_mutate: [0.05205 s] killed by test\_generated\_mutants.py::test\_simplify\_true\_1

- [# 4] AOR source\_to\_mutate: [0.08248 s] killed by test\_generated\_mutants.py::test\_simplify\_false\_2

- [# 5] AOR source\_to\_mutate: [0.06632 s] killed by test\_generated\_mutants.py::test\_simplify\_false\_2

- [# 6] AOR source\_to\_mutate: [0.06390 s] killed by test\_generated\_mutants.py::test\_simplify\_large\_numbers\_false

- [# 7] AOR source\_to\_mutate: [0.06340 s] killed by test\_generated\_mutants.py::test\_simplify\_false\_1

- [# 8] AOR source\_to\_mutate: [0.07899 s] killed by test\_generated\_mutants.py::test\_simplify\_true\_1

- [# 9] AOR source\_to\_mutate: [0.07895 s] survived

- [# 10] AOR source\_to\_mutate: [0.07337 s] killed by test\_generated\_mutants.py::test\_simplify\_true\_1

- [# 11] COI source\_to\_mutate: [0.06574 s] killed by test\_generated\_mutants.py::test\_simplify\_true\_1

- [# 12] ROR source\_to\_mutate: [0.06329 s] killed by test\_generated\_mutants.py::test\_simplify\_true\_1

[\*] Mutation score [1.04612 s]: 91.7%

- all: 12

- killed: 11 (91.7%)

- survived: 1 (8.3%)

- 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 8 0 2 0 100%

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

TOTAL 8 0 2 0 100%

--- Step 5: Final Results ---

[INFO] Test Coverage: 100%

[INFO] Mutation Score: 91.70%

--- Analysis Finished ---