

What is Statistical Testing *ST*?

Statistical Testing makes use of statistical methods to determine the reliability of the program. Statistical testing focuses on how faulty programs can affect its operating conditions.

How to perform *ST*?

- Software is tested with the test data that statistically models the working environment.
- Failures are collated and analyzed.
- From the computed data, an estimate of program's failure rate is calculated.
- A Statistical method for testing the possible paths is computed by building an algebraic function.
- Statistical testing is a bootless activity as the intent is NOT to find defects.

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