

(PREVIEW)
Indian Standard
STATISTICAL TESTS OF SIGNIFICANCE
PART 3 TESTS FOR NORMALITY

1 SCOPE

This standard (Part 3) gives the following tests for normality:

- a) χ^2 - test
- b) Normal test based on skewness and kurtosis,
- c) Shapiro-Wilk test, and
- d) D' Agostino test.

2 REFERENCES

The following standards contain provisions, which through reference in this text constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below:

<i>IS No.</i>	<i>Title</i>
6200 (Part 1) : 2003 (Part 2) : 2003	Statistical test of significance: Normal, <i>t</i> -and <i>F</i> -tests χ^2 - test
7920 (Part 1) : 1994 (Part 2) : 1994	Statistical vocabulary and symbols: Probability and general statistical terms (<i>second revision</i>) Statistical quality control (<i>second revision</i>)
9300 (Part 2) : 1979	Statistical models for industrial applications: Part 2 Continuous models
12348 : 1988	Use of probability papers