(PREVIEW)
Indian Standard
STATISTICAL TESTS OF SIGNIFICANCE
PART 2 χ^2 -TEST

1 SCOPE

This standard lays down application of χ^2-test for:

a) testing of population variance against specified value,

b) testing for goodness of fit by comparing the observed frequencies with the theoretical or expected frequencies, and
c) testing for independence in the case of contingency tables.

Each test has been illustrated with the help of examples.

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:

IS No.	*Title*
6200	Statistical test of significance:
(Part 3) : 1984	Part 3 Tests for normality (*third revision*)
7920	Statistical vocabulary and symbols:
(Part 1) : 1994	Probability and general statistical terms (*second revision*)
(Part 2) : 1994	Statistical quality control (*second revision*)
9300 (Part 1) : 1979	Statistical models for industrial applications : Part 1 Discrete models