

Indian Standard

STATISTICAL INTERPRETATION OF TEST RESULTS — ESTIMATION OF MEAN, STANDARD DEVIATION AND REGRESSION COEFFICIENT — CONFIDENCE INTERVAL

1 SCOPE

This standard specifies the statistical treatment of test results needed to calculate confidence interval for the mean, standard deviation and regression coefficient of a population.

2 REFERENCES

2.1 The following Indian Standards are necessary adjuncts to this standard.

<i>IS No.</i>	<i>Title</i>
6200 (Part 1) : 1995	Statistical tests of significance: Part 1 t -, Normal and F tests (<i>second revision</i>)
6200 (Part 2) : 1977	Statistical tests of significance: Part 2 χ^2 tests (<i>first revision</i>)
7920 (Part 1) : 1994	Statistical vocabulary and symbols : Part 1 Probability and general statistical terms
9300 (Part 2) : 1989	Statistical models for industrial applications: Part 2 Continuous models (<i>first revision</i>)