

SKILL ENHANCEMENT COURSE STRUCTURE FOR 5th SEMESTER

Biostatistics

Unit-I

Computational technique for single mean, difference between two means for large samples using data sets. Applications of these tests.

Unit-II

Computational technique for single proportion, difference between two proportions for large samples using data sets. Applications of these tests.

Unit-III

Computational technique for Chi-square test for goodness of fit, independence of attributes and test for specified value of population variance.

Unit-IV

Computational technique for t- test for single mean , difference between two means and Paired t-test for difference between two means.

Computational technique for F- Statistics or Variance Ratio Test.

REFERENCES

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2. Goon A.M Gupta M.K., Das Gupta, B.(1991):Fundamentals of Statistics,Vol.- Iworld Press Calcutta.
3. Hodges J.L and Lehman E.L (1964): Basic concepts of probability and Statistics, Holden Day.
4. Mood A.M, Graybill F.A and Boes D.C (1974): Introducing to the Theory of Statistics
5. S.C Gupta and V.K Kapoor(2007): Fundamentals of Mathematical Statistics.11th edition(reprint) Sultan Chand and sons.
6. Bhat B.R. Srivenkatramana T and Rao Madhava K.S. (1967): Statistics: A Beginner's Text, Vol. II, New Age International (P) Ltd.
7. Rohatgi V.K (1967): An Introduction to probability Theory and Mathematical Statistics, John Wiley & Sons.

