

A test will be written Wednesday, February 25, in the class, from 2:30 till 3:20

Books and lecture notes are not permitted

Paper will be provided but bring some scratch paper for your own comfort

Students are advised to review following topics:

Special probability densities: gamma, chi-square, and beta. Their expectations and variances

Unbiased estimators. Best unbiased estimators. Consistency

The method of moments. The method of maximum likelihood

Interval estimation of means, differences between means, proportions, differences between proportions, variances, and ratios of two variances

Tests concerning means, variances, and proportions. Significance level of a test. Probabilities of type I and II errors. P -values

Tests concerning differences between means, ratios of two variances, and differences between two proportions (Problem 13.12)