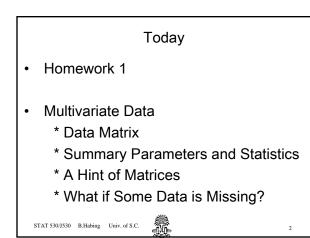
STAT 530/J530 August 30th, 2005

Instructor: Brian Habing Department of Statistics LeConte 203 Telephone: 803-777-3578 E-mail: habing@stat.sc.edu

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Homework 1

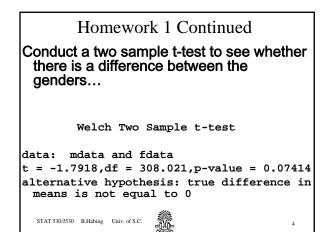
Using R, make two variables containing the ratings of "Low Energy Use", one for males and one for females.

. Nii

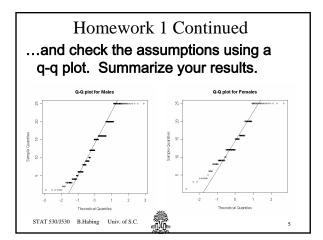
mdata<-

fdata<-

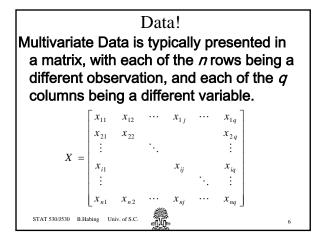
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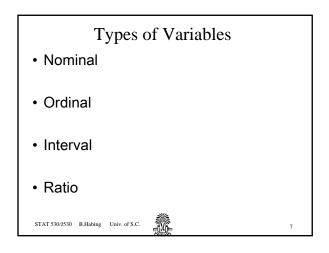




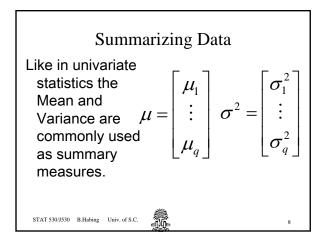




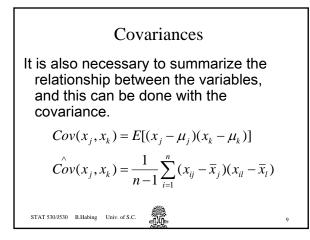


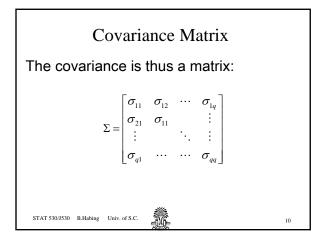


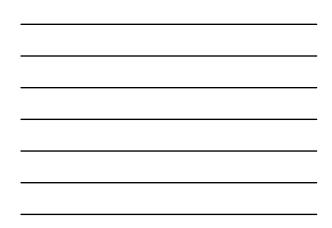


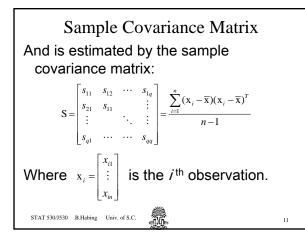




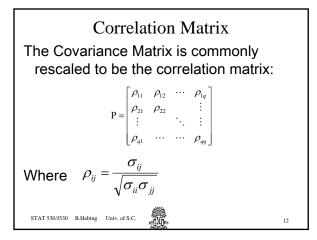




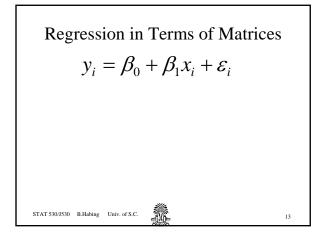














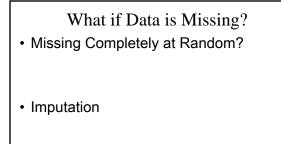
Sample Correlation Matrix The Sample Correlation Matrix can be written as: $\mathbf{R} = \mathbf{D}^{-\frac{1}{2}} \mathbf{S} \mathbf{D}^{-\frac{1}{2}}$ Where $\mathbf{D}^{-\frac{1}{2}}$ is the matrix with 1/s, on the

Where D^{-1/2} is the matrix with $1/s_i$ on the diagonals.

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M

Multiple Imputation

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