

Quantitative Methods (GEO 441)
In-Class Test 2 Study Guide
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Please know the following for the second in-class test:

- Know all of the components of correlation and regression.
 - Know the definitions of the terms used (e.g. residual, coefficient of determination, etc)
 - Know TSS, RSS, ESS
 - The t and f statistics and what they tell you.
 - The components of the regression equation
 - Tolerance and VIF
 - Multicollinearity
- Principal Component Analysis
 - Know the definitions of the terms (e.g. component scores, eigenvectors, etc)
 - Rotation of the components (varimax)
 - What PCA is used for.
- Dummy variables
- Quadrat, Runs, Poisson tests
- Mean and standard distance
- Know how to use the tables we have examined in the second half of the class.