

Department of Civil Engineering
2011 Summer Semester
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Environmental Statistics

Outline #05 Simple Regression Analysis (9 Apr. 2011)

1. One or two-sample hypothesis
2. Environmental study and uncertainty
3. How to make a scatter plot with two variables
4. Regression and Correlation
5. Assumption for regression analysis
6. Simple Linear Regression
7. Testing the significance of a regression
8. Significance level
9. Coefficients to indicate two-variable relationship
10. Exercise and Report