

Department of Civil Engineering
2011 Summer Semester
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Environmental Statistics

Outline #2 (18 Apr. 2010)

1. Histogram
2. What kind of statistical tests have you tried?
3. Parametric and Nonparametric
4. Hypothesis test
5. Statistical hypothesis testing
6. Probability Distribution
7. Central tendency (Arithmetic mean, Geometric mean, Median, Mode)
8. Variability (Range, Variance, Standard deviation, Coefficient of Variation)
9. Exercise and Report
10. How to import your data to R