Statistics 1 - Economics - 1st Semester 2013/2014 Detailed program ( Link )

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- 1.2 Space spaces events
- 1.3 Measure of probability . Kolmogorov axiomatic.
- 1.4 Interpretations of the concept of probability
- 1.5 Combinatorial Methods.
- 1.6 Conditional Probability. Bayes Theorem
- 1.7 Independent Events .
- 2. Random variable . Distribution function
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- 2.2 Probability Distributions.
- 2.3 Classification of random variables
- 2.4 Functions of a random variable
- 2.5 Two-dimensional random variables
- 3. Expected values and parameters
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- 3.2 Moments
- 3.3 Parameters of order
- 3.4 Moment Generating functions
- 3.5 Expected value and moments for two dimensional random variables
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- 4.2 The Bernoulli and binomial distribution
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- 5.5 Central Limit Theorem
- 6. Sampling distributions
- 6.1 Probability and statistical inference
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- 6.3 Statistics
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- 6.5 The distribution of the sample mean and variance .
- 6.6 Asymptotic sampling distributions
- 6.7 Sampling distribution of the proportion in Bernoulli's population .
- 6.8 Sampling of Bernoulli's population . Case of two proportions
- 6.9 Normal Population : distribution of mean
- 6:10 Normal Population : distribution of the variance
- 6:11 Normal Population : ratio of "Student "
- 6:12 Normal populations : the difference between two means

6:13 Normal populations : relationship between two variances