

Econometrics

Lecture 3: The Problem of Estimation in Simple Regression in Excel, CLNRM, r^2

Quiz

1. What is the full form of OLS?
 - a) Ordinary least square method
 - b) Ordinary least statistical method
 - c) Ordinary least sample method
 - d) Both b and c
2. Who gave the BLUE properties?
Gauss Markov
3. How “well” the simple regression line fits the data is given by?
 - a) The variance of the sample parameters
 - b) R^2
 - c) The standard errors of the parameters
 - d) r^2
4. What is TSS and ESS refer to?
TSS = Total Sum of Squares
ESS = Explained Sum of Squares
4. r^2 is a nonnegative quantity. True/False
5. U's do not follow the normal distribution. True/False
6. Which of the sampling distribution of the OLS estimators β^1 and β^2 follow?
 - a) Normal
 - b) Standard Normal
 - b) chi square
 - c) none of the above