

Econometrics

Lecture 1: Introduction to Simple Regression

Quiz

1. The difference between correlation and regression is
 - a) both quantify the direction of the relationship between two numeric variables
 - b) both quantify the strength of the relationship between two numeric variables
 - c) both represent the linear relationship between two variables
 - d) **only of them fits a linear line**
2. Who invented the regression?
 - a) **Francis Galton**
 - b) Karl Pearson
 - c) A Lee
 - d) M G Kendel
3. The conditional mean of Y is
 - a) **The expected value of Y for given values of the independent variables, X_i**
 - b) The expected value of Y for given values of the independent variables, u_i .
 - c) The expected value of Y for given values of the independent variables, Y_i .
 - d) Both b and c
4. The term stochastics refers to one of the following:
 - a) deterministic
 - b) non stochastic
 - c) **randomness**
 - d) none of the above
5. The term PRF refers to one of the following:
 - a) Probability random function
 - b) **Population regression function**
 - c) Population representing factor
 - d) none of the above