## Quiz 1

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Household Budget surveys are an example of:

* panel data
* experimental data
* time series data
* cross-sectional data

1. A dependent variable is also known as a(n) \_\_\_\_\_.

* explanatory variable
* control variable
* predictor variable
* response variable

1. The Zero conditional mean assumption means
2. The explained sum of squares (SSE) for the regression function, , is defined as \_\_\_\_\_.
3. The error term in a regression equation is said to exhibit homoskedasticty if \_\_\_\_\_.

* it has zero conditional mean
* it has the same variance for all values of the explanatory variable
* it has the same value for all values of the explanatory variable
* if the error term has a value of one given any value of the explanatory variable

1. Bonus: Why do we care about the Zero Conditional mean assumption?