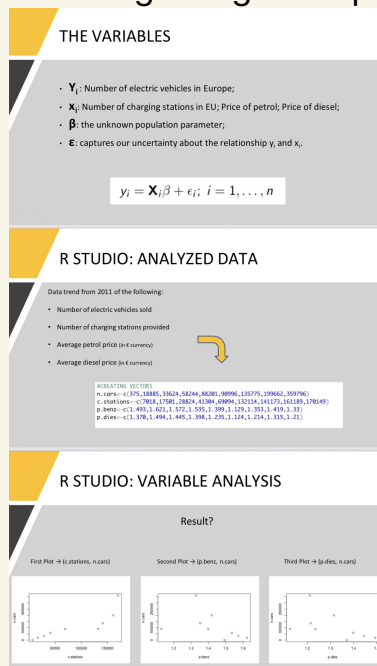


I am an undergraduate student and I need help with an assignment. I have to make a presentation in the Econometrics course on a topic regarding Automotive - future challenges or a slow decline. The presentation has not to be very long. I have to speak a bit more than 10 minutes. I can choose whatever topic I want concerning automotive. One group has chosen for example this topic:

- **Research questions:** what impact has the growing number of electric charging stations on the sales of electric vehicles (EV) in Europe? Is there a relationship with the variation in the price of diesel and petrol in the non-electric vehicles market?
- **Goal:** we want to research if and how much the independent variables affect the number of EV
- **Method of analysis:** multivariate linear regression model
- **Time series:** yearly data from 2011 to 2019

Obviously I have to choose another topic on which I have to find data on for example the website Statista. Making also plots like that regarding the topic I choose for example:

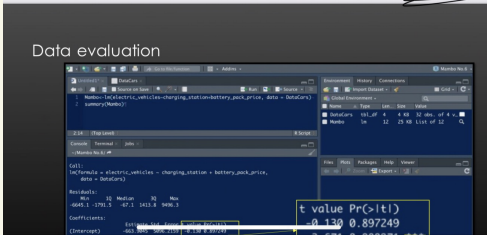
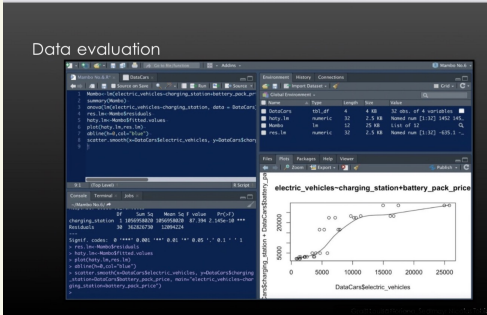


Also making a Breusch Pagan test for example.
Or a linear regression model for example.

Data evaluation

2013-Q1	1.500	721	915
2013-Q2	1.100	721	712
2013-Q3	1.500	721	1.008
2013-Q4	2.400	663	1.292
2013-Q1	2.400	663	1.494
2013-Q2	2.400	663	2.134
2013-Q3	2.400	663	2.206
2014-Q1	2.606	588	2.188
2014-Q2	2.606	588	2.553
2014-Q3	2.606	588	3647
2014-Q4	2.606	588	3766
2015-Q1	4.587	381	3472
2015-Q2	4.587	381	3519
2015-Q3	4.587	381	4684
2015-Q4	4.587	381	5176
2016-Q1	16.266	293	4370
2016-Q2	16.266	293	5176
2016-Q3	16.266	293	7651
2016-Q4	16.266	293	7956
2017-Q1	22.213	219	6124
2017-Q2	22.213	219	6124
2017-Q3	22.213	219	10507
2017-Q4	22.213	219	10507
2018-Q1	23.112	180	10647
2018-Q2	23.112	180	15131
2018-Q3	23.112	180	16156
2018-Q4	23.112	180	16697
2019-Q1	28.382	156	14971
2019-Q2	28.382	156	17467
2019-Q3	28.382	156	24906
2019-Q4	28.382	156	23794

Linear Regression Model

$$Y = \beta_0 + \beta_2 X_2$$


I always have to make screenshots on the calculations made on R programming and to put them on the slides.
Could you help me?