1 🡪 MAX

Get real categories from the neutral mages on the data

2 🡪 Alex

Make the Strength index continuous

3 🡪 Alex

Make the data normal distributed

4 🡪 MAX

Identify weird pre-clasifications. If we pre-classified a Neutral image as Sad or Happy and none of the people that have done the experiment has actually classified that specific image as the pre-classified category it should be better to: change the category or either throw it to the bin.

5 🡪 MAX

Get rid from the images that have been discharged. When we filtered us

data, either on the normalization (because it was out of range) or in some

of the misclassification errors. The problem is that we have only a few

experiments, say 5, so if one of the images has been thrown away only once

when we calculate the Si mean the value will be reduced a lot. In addition,

if an image has been discharged because of the response time, there is a high

probability that some of the other people has also taken to many times to

categorize it, so when doing the Si mean the value will be more reduced.

6 🡪 Alex

PCA🡪 create column vectors of each photo and put it inside a matrix

7 🡪 Alex

Apply PCA

8 🡪 Helen

forward Selection of principal PCA

9 🡪 Helen

Create a linear regression