Learning activity: Quantitative analysis

Today, our goal is to understand computational possibilities for quantitative analysis. For these purposes, we will use the World Value Survey dataset on Turkey (see: <http://www.worldvaluessurvey.org/wvs.jsp> )

In groups

* Study what explains social trust
* First, try a traditional quantitative analysis approach by setting up hypothesis and testing that particular hypothesis. You can use tools such as regression models, cross tabulation or two-sample comparison tests.
* Now, try a machine learning perspective, such as decision trees or random forests to work with this data set.
* Compare your findings. What differences did you observe? What similarities did traditional and machine learning approaches? What differences did you observe?