

# DT2321 - Information Visualization Individual

## Project 2

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**Discovery question** My discovery process started with a question: what are the most important features about children reported in the site, and how did they evolve in time?

I have chosen the latest twenty years available on the proposed site, and chosen 30 countries among the most common ones, since not every wave had the same ones. I kept the same 8 variables about children, just substituting "good manners" with "Obedience" for the second two waves due to the lack of the "Good manners" one in those ones.

**Pros and Cons of the developed project** This interface gives a more organic vision of the states and their characteristics, using the parallel coordinates method. The interactive feature, not implemented correctly, should allow the user to highlight a specific line in the graph, representing a particular State and, showing in the meanwhile a little card with the State, the number of thousands of people forming the interviewed sample and the relative percentage of the sample approving the issue.

**Insights, reflections and possible further developments** The site was divided in more pages according to the different subwaves, due to the not conformity of the States chosen for each one. An initial idea of D3.js using was to allow brushing, in order to highlight just the States with a certain percentage range in a certain feature, and/or possibly brushing two issues contemporaneously.

On the data side, I mainly observed how the importance of good manners in children went decreasing year by year, till its complete disappearance in the evaluated parameters. Asian countries like Japan or Korea Republic have always had high values in hard work consideration (dislike from South american countries, such as Brazil and Peru) and unselfishness, while Nordic countries (among which Sweden, e.g.) are more focused on tolerance.

# ARGENTINA

Feeling of responsibility  
2000-2004  
78.5%

Figure 1: The proposed example of describing card