

## Research questions

We are interested in activities of park visitors.

### **Variables**

*Family*- family number attached to each respondent

*Time* – a quantitative data type – measured in minutes. It is the activity time of the family in the park

*Mode of transport* – is a nominal data type consisting of how they travelled to the park (1. walk 2.car 3. Cycle 4.bus) – mutually exclusive – only one mode.

*Activity* – is a nominal data type consisting of 6 choices of activity in the park (1. Sport 2. Picnic 3. Reading 4. Walk [including with a dog] 5. Meditation 6. Jog) multiple choice – may have several activities in the park.

*Satisfaction* – is an ordinal scale, 4 values (1- very dissatisfied, 2- dissatisfied, 3- satisfied, 4 very satisfied).

*Playground* – is a nominal scale (yes or no) about the existence of children's playground

The research question: in general – what is the level of visitors' satisfaction toward parks?

1. What activity do most people do in the park?
2. What mode do most people use to go to the park?
3. Does the existence of a playground in the park increase satisfaction?

There are further questions that need statistical analysis – for another day.

1. Is there a relationship between the activity and their activity time in the park?
2. Is there a relationship between activity and their mode of travel to the park?

Enter the data into SPSS remembering to code the categorical variables (slides 3 and 4).

1. Find the mean and SD of time spent in the park (overall).
2. What is the percentage of each activity – which is the most popular?
3. What is the percentage of each mode of transport – which is the most popular?
4. What percentage of parks had a playground?