

Survey method exam

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1st part



By group of two

- Create a survey with LimeSurvey on the subject of your choice (personal or professional)
- Define your own subject, informations you want to collect, target population,...
- At least 12 questions
- The more you use Limesurvey, the more you show me that you understand how to use it
- Activate your survey in open-access mode

By group of two

- Collect at least 10 answers: send it to your friends/family or answer it by yourself with different types of answers
- On January 19th :
 - Presentation of your objective, target population,...
 - Presentation of your online questionnaire
 - Univariate and bivariate analyzes (made with R) of your 10 answers with statistics and/or graphics when needed

2nd part



By group of two

- On the dataset **poison.xls** : refers to a survey of a sample of elementary school children who suffered from food poisoning. They were asked about their symptoms and what they ate.
- The tab called Variables contains the signification of each variables
- Use active variables: Nausea, Vomiting, Abdominals, Fever, Diarrhae, Potato, Fish, Mayo, Courgette, Cheese, Icecream

By group of two

- Make a MCA followed by a hierarchical clustering on the poison dataset with R
- On January 19th :
 - Present the parameter choosed for this analyses
 - Explain your approach
 - Characterization of groups