

Developing a Questionnaire

Overview

You will develop a questionnaire with at least 10 questions and with a focus of your choice. It can be for students in this school, but it does not have to be restricted in this way. Your focus must be meaningful to you.

You will write your questions to avoid bias and other problems.

You will choose a sampling technique to get a sample of at least 100 participants that will give you the best possible information for your questionnaire.

You will report on your findings using the measures we have learned in this course.

Create your questionnaire

Use a format of your choosing (e.g. paper survey, online survey/form), and submit a copy to me for approval by the end of the day on May 31st, 2017.

Some questions may be for demographics, but at least 7 must be related to your focus. Include questions that will yield quantitative and qualitative data.

Once I approve it, you will administer your survey in the way you have chosen.

Organize the data you receive electronically (e.g. use a spreadsheet).

Consider one-variable statistics and two-variable statistics. Think about the following questions:

- What's interesting?
- How can I summarize this data?
- What trends do I see?
- What does this data look like when represented graphically?
- What variables do not show a correlation?
- What surprises me?
- What can we conclude from this information?
- What can or should we do with this information?
- How would I improve the questionnaire or the sampling method?
- What else should be studied based on these results?

Report

Write a report (1000-2000 words) that includes

- Sampling Technique: describe it, the reason you chose it, and any concerns you have with it after administering the questionnaire
- Highlights: use numerical summaries, graphical summaries, and exposition (i.e. paragraphs).
- Conclusions: overall summary and recommendations
- A copy of your questionnaire

Submit your report by the end of the day on June 16, 2017.