

QUANTITATIVE DATA ANALYSIS

Let us commence our look at data analysis by looking at a hypothetical research study.

Remember that there are different ways of approaching a research question and how we put together our research question will determine the type of methodology, data collection method, statistics, analysis and presentation that we will use to approach our research problem.

Example of research question

- Are females more likely to be nurses than males?
- Is the proportion of males who are nurses the same as the proportion of females?
- Is there a relationship between gender and becoming a nurse?

In the example in the box above, you can see that there are three different ways of approaching the research problem, which is concerned with the relationship between males and females in nursing.

Another research problem with variables