

# Effective Writing Tips for a Quantitative Research Paper – Guide 2022

The process of research in which numerical data is collected and then analyzed to deduce some conclusion is called quantitative research, unlike the qualitative one which works on non-numerical data. Whenever a student is given a task to [write essay](#) they should ensure that they have complete knowledge of the topic on which the paper has to be written. The data is generally collected using either polls, surveys, questionnaires, or computational techniques.



The purpose of quantitative research is to find out the pattern, or averages for a smaller population and then generalize it for a wider or larger population and predict a scenario or a behavior.

The outline serves as the paper's framework and makes it simpler for [skilled writers](#) to determine which points belong in which section.

The **research paper** is a form of academic writing or a longer version of an essay in which the research either qualitative or quantitative is presented with the author's own interpretation of the results.

The writer must work on their major argument after choosing a topic. The content should be educational and engaging for the reader, according to the author. Additionally, it is simple to find all the references that are required to be given to [writing company](#) in order to compose a research paper on a particular subject.

There is a certain structural formation of each type of paper that must be followed while writing one. The basic structure of quantitative research along with the do's and don'ts will be provided for students in this article. The tips provided here are the ones followed by every [reliable essay writing service](#).

### **Structure of a quantitative research project**

Following main headings must be a part of the paper reporting quantitative research:

#### **1. Abstract:**

The abstract provides a general idea about the paper to the reader. Many people decide while reading the abstract whether the paper is worth reading or not. Use the following formation tips while writing an abstract:

- a. 1 sentence on the addressed problem.
- b. 1 sentence on motivation.
- c. 1 sentence on the scope.
- d. 1-2 sentences on how the problem has been addressed (methodology).
- e. 2 sentences on the summary of results and findings (1 each).
- f. 1 sentence regarding the impact of research

## 2. Introduction:

Add the following details into the introduction:

- a. Problems addressed (same as in abstract with a little more detail)
- b. Scope of the research
- c. Motivation (why this problem is chosen to address and what is the significance of the research carried out)
- d. Purpose and objective
- e. The methodology used (highlight following prospects in the methodology section)
  - Hypothesis formed
  - Why this hypothesis has been formed
  - What solution has been proposed
  - What method will be used to support hypothesis
- f. Summary
  - a. Summary of results and findings
  - b. Impact of the findings on future research

g. Contributions

h. Outline

**3. Literature review:**

Add and briefly explain the major and relevant works already reported in the literature to build a background.

**4. Expérimentations**

Divide this part of the research project into the following:

a. Methods and materials used

b. Measurements and data collection

c. Analysis of collected data

**5. Results & Discussion**

These two can either be written in a single or two separate sections. Reports the results or the findings of the experimentation. Discuss and tell readers what you have deduced from the results and how the findings are different and better from the already existing ones.

**6. Conclusion**

Conclude by narrating your finding once again, what have you contributed to the research, and what are the applications.

### **Don'ts of writing quantitative research papers**

- Do not write a paper if you do not have enough backing from experimental results and scientific discussion.
- Use language that is not formal enough for the paper
- Avoid exaggerated phrases like “novel”, “advanced”, “first time” as many reviewers think of it as a bad impression.

### **Tips for writing quantitative research papers**

Some important tips from expert writers of [SharkPapers](#) include:

- Remain focused and do not select a too broad topic.
- Avoid lengthy explanations
- Never state too obvious facts
- Not using a reference for each claim is the most negative characteristic of a research project.
- Use experimental data for each of your deduced facts
- All necessary steps of the reasoning must be presented with a logical transition between each.

Every time I write an essay or research paper, I make sure it is of the highest caliber by having a professional writer from a [writing service](#) review it. This person may offer valuable feedback on how I can make my writing better.

By following the tips and structural guidelines given above and avoiding the don'ts, the students do not have to pay anyone to [write an essay for me](#) instead they can easily write it themselves.