Test

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This document is meant to be referenced in Overleaf alongside the code editor so that you can see what code elements create the formatted text in the pdf document.

Import the files from the Intro-Overleaf-LaTeX.zip folder into Overleaf and view the project to see all of the elements that create the following formatted document.

1 Introduction

Here is some text to make **bold**, *italic* and underlined. You can also nest, so this ***word*** is both bold and italicized. Otherwise, the text will show up, like so.

For a new paragraph, hit enter twice so there there is a blank numbered line between the text you want to be separate paragraphs. One enter, like so, will just be the same paragraph.

2 Mathematical formulas

Now let's add some math formulas. You can do this as an inline formula like $E = mc^2$ with backslash and parentheses around the formula.

Besides inline math mode, there is also display math mode, that allows you to show the equation on a separate line, and centered. Use brackets instead of parentheses to achieve this.

$$E = mc^2$$

If you would rather the formula be displayed on the page as its own line ***with a number*** so that you can reference it in the text, use the equation environment.

$$E = mc^2 \tag{1}$$

It will number the equation so that you can reference it, like we'll do with the figures in Section 3. For example, Equation 1.



Figure 1: Caption here about the image.

3 Figures

Now, I want to add an image as a figure with a caption, like so.

By adding the label command, now I can reference the cat in tree figure by using the ref command, Figure 1, so if I add more images and figures and change their order, I don't have to renumber the figures. It will do that for me. It will put figures on a new page if there is no room on the current page.



Figure 2: Caption here about the image.

3.1 Citations

Here is some text where Last (2023) is used within the sentence. Now I want to make a point about the study, but I won't name it in the sentence (Last, 2023). If you add a citation by typing it out within your text, like Last2 (2022), it will not be added to your bibliography.

References

Last, F. (2023). Title here. *Journal Title*, *4*(2), 10–20.