

Name of the Thesis here

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February 26, 2022

Abstract

Write your abstract here

Name of University

Name of faculty

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1 Introduction

Write the actual introduction text here. You can highlight text in **bold**, *italic*, underline or different size, or insert [hyperlinks](#). Notice, that the default size, numbering and spacing around the section title all looks good. All paragraphs after the first one have automatic indentation.

Start a new paragraph by leaving one empty line here. For custom horizontal space use and for vertical space use

to gain the desired result. Add footnotes with¹.

2 Literature

Create a separate file in the leftmost third panel and name the file references.bib. Copy-paste bibtex-references (from ideas repec etc.) to that file and cite them using [?]. The citation appears in the text and the paper is added to the References. You don't need to keep track of whether there is 1 to 1 mapping between the citations and references.

Let's add a subsection

2.1 Tables

Specify number of columns after backslash begin{tabular}{number of columns here}. Each column is defined as c, l or right, based on their alignment to center, left or right, respectively. Number of rows is specified with double backslash after each row.

G ↑	IS ↑
T ↓	IS ↑
NX ↑	IS ↑

Table 1: Shifting the IS-curve

Or

Name	Age	Skill
Jussy	24	Lentäminen
Katrie	?	Selvänäkö
Carmen	12	Matikka

Table 2: Hit squad

¹And write the text here.

Can you figure out how the vertical and horizontal lines are determined, based on the code determining the tables?

3 Model

If you want a subsection (or section) without numbering, add an asterisk after "subsection".

Equations

Add an equation with align package. With the symbol "&" you can define which symbols to align in a multi-line equations, and start the new line with double (or quadruple) backslash. Add name of the equation in the end with double &&.

$$\frac{\partial y}{\partial x} = \lim_{h \rightarrow 0} \frac{f(x+h, z) - f(x, z)}{h} \quad (1)$$

$$Y_t = A_t K_t^\alpha L_t^{1-\alpha} \quad \text{Cobb-Douglas}$$

Notice, that the Greek symbols only work in math-mode (between the begin and end commands above). You can also enter a math mode with dollar signs - write the in-line-equations between them, like $[p \implies q] = [\neg p \vee q]$.

3.1 Referencing

You can reference the Section by their number 1, or by their page number, page 2. You can also reference tables, equations, graphs and figures, like Table 2 on page 2 and Equation 1. You can reference things to come later in the document, like the Figure 2. The magic of referencing is, that you don't need to keep track of the actual numbers - they change automatically with the text! Try adding a new section in the beginning of the document and observe what happens here.

4 Results

4.1 Attach figures

Upload your figure in the leftmost third panel and add the filename below.

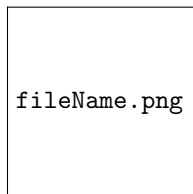


Figure 1: Write your caption here

4.2 Draw graphs

Here is how to draw curves on Cartesian plane.

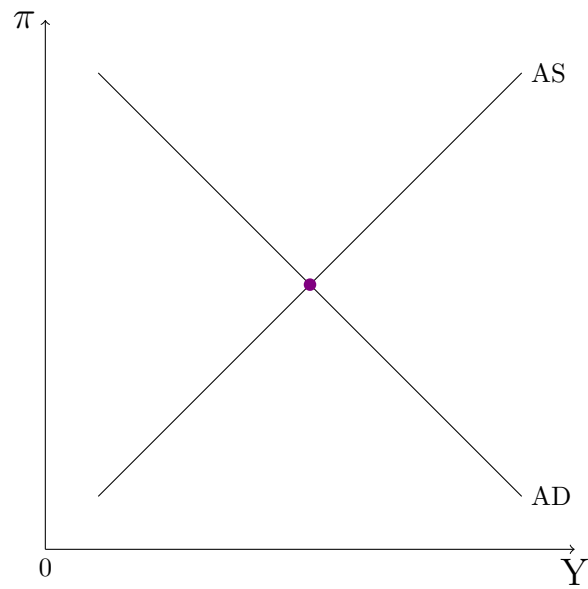


Figure 2: AD-AS model

Draw flow-charts using the automata environment.

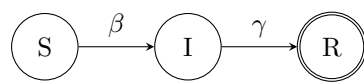


Figure 3: SIR model

Finally, add the references with the following commands

References