Introduction to Latex

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Have you ever wondered why your word document goes for a toss when you change fonts, increase line spacing or delete a table? Why managing equations, tables, references and citations gets increasingly difficult as the size of your report increases?

The short course on LATEX is meant to introduce you to a new typesetting interface and a possible substitute for Microsoft Word. It is based on the ideology of separating content from formatting and thinking logically about your manuscript. At the end of this course you should be able to compile your reports, papers and submissions in latex as well as learn about how to add more features to your document.

* Separation of formatting and content
* What is Latex? Who will benefit from using latex and what are its benefits and shortcomings?
* When to use Word instead of Latex and vice-versa?
* Structure of a document
* Latex packages
* Equations and inline math
* Figures
* Tables
* Referencing, citing and Bibliography management
* Where to get help?
* Marrying analysis and documentation: *An introduction to Rmarkdown*