

Introduction to LaTeX–BibTeX

Homework

Last week Dr. Stephen Senn from the Competence Centre for Methodology and Statistics–Luxembourg gave a talk entitled “*Seven myths of randomisation in clinical trials*”. Since most (if not all) of you attended his presentation, I would like you to provide a summary of his talk with emphasis on certain aspects.

Your paper should be structured as follows:

- Page title:
 - Title, e.g., Seven myths of randomisation in clinical trials - Review
 - Author - your name since this is a review
 - A short abstract
- Three main sections:
 - **Introduction**
 - **Seven myths of randomised trials**

In this part you need to incorporate: a list structure, the mathematical formulation for the variance of the treatment contrast (two-groups, no covariates) and reproduce the table containing the mean square error of the treatment difference for three simple allocation schemes. The math formula should be numbered and the table should have a caption.

Also, in his discussion Dr. Senn drew attention to the fact that the Gauss–Markov theorem does not apply to stochastic (random) regressors. State the Gauss-Markov theorem using an appropriate environment and refer to it in your conclusions section.
 - **Conclusions**
- References - at least three references used by the author in the original paper. These should be cited in your document.

You can use any kind of document class, with a font of 11pt or 12pt and 1.5 spacing. Do not exceed five pages including the title and references page !