Blank Template for Papers

Michael G. DeCrescenzo[*]

Updated September 23, 2018

This document defines my default LaTeX template for the `article` class. We took away the abstract title because it isn't necessary. For the text block, we use microtype, 1.25in margins, 1.5x line spacing. Type styles use the Minion, Myriad, and Inconsolata families. Minion and Myriad will probably fail unless you make the fonts available to pdfLaTeX (see e.g. `FontPro`) or use XeLaTeX. The font identity regards boldface as unnecessary; the only text decoration is small capitals and italics. We don't need huge section titles either, so we shrink 'em. We define section title styles only to the subsection level (for now, at least).

Introduction

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Elaboration on a finer point

Let's say we wanted to write some pretty math. Let's say we really thought item response theory (IRT) models were beautiful, and we were to write one flavor of IRT model to estimate individuals-within-groups:

$$\Pr\left(y_{ij} = 1\right) = \Phi\left[\beta_j\left(\theta_i - \alpha_j\right)\right] \tag{1}$$

$$\theta_i \sim \text{Normal}\left(\bar{\theta}_{g[i]}, \sigma_{g[i]}\right) \tag{2}$$

---

[*]Ph.D. Candidate, University of Wisconsin–Madison. The author thanks the haters.