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ARTICLE TYPE

Cambridge Large2 Template Class File

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Abstract

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Keywords: keyword entry 1, keyword entry 2, keyword entry 3

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1. Insert A head here

This demo file is intended to serve as a "starter file". It is for preparing manuscript submission only, not for preparing camera-ready versions of manuscripts. Manuscripts will be typeset for publication by the journal, after they have been accepted.

By default, this template uses `biblatex` and adopts the Chicago referencing style. If you are using this template on Overleaf, Overleaf's build tool will automatically run `pdflatex` and `biber`. If you are compiling this template on your own local LaTeX installation, please execute the following commands:

1. `pdflatex sample`
2. `biber sample`
3. `pdflatex sample`
4. `pdflatex sample`

Some journals e.g. `journal=aog|jog|pasa` require BibTeX. For such journals, you will need to

- delete the existing `\addbibresource{example.bib}`;
- change the existing `\printbibliography` to be `\bibliography{example}` instead.

Overleaf will run `pdflatex` and `bibtex` automatically as needed. But if you had *first* compiled using another `journal` option that adopts `biblatex`, and *then* change the `journal` option to one that adopts BibTeX, you may get some compile error messages instead. In this case you will need to do a 'Recompile from scratch'; see https://www.overleaf.com/learn/how-to/Clearing_the_cache.

On a local LaTeX installation, you would need to run these steps instead:

1. Delete `sample.aux`, `sample.bbl` if these files from a previous compile using `biber` still exist.

2. `pdflatex sample`
3. `bibtex sample`
4. `pdflatex sample`
5. `pdflatex sample`

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1.1 Insert B head here

Subsection text here. Lorem ipsum(Bayer-Santos et al. 2013) dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore(Adade, Castro, and Soares 2007) et dolore magna aliqua.

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1.1.1 Insert C head here

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2. Equations

Sample equations. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Lorem ipsum dolor sit amet, consectetur[b] adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

$$\frac{\partial u(t,x)}{\partial t} = Au(t,x)\left(1 - \frac{u(t,x)}{K}\right) - B\frac{u(t-\tau,x)w(t,x)}{1+Eu(t-\tau,x)},$$
$$\frac{\partial w(t,x)}{\partial t} = \delta\frac{\partial^2 w(t,x)}{\partial x^2} - Cw(t,x) + D\frac{u(t-\tau,x)w(t,x)}{1+Eu(t-\tau,x)}, \quad (1)$$

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$$\frac{dU}{dt} = \alpha U(t)(\gamma - U(t)) - \frac{U(t-\tau)W(t)}{1+U(t-\tau)},$$
$$\frac{dW}{dt} = -W(t) + \beta\frac{U(t-\tau)W(t)}{1+U(t-\tau)}. \quad (2)$$

$$\frac{\partial(F_1,F_2)}{\partial(c,\omega)}\bigg|_{(c_0,\omega_0)} = \begin{vmatrix} \frac{\partial F_1}{\partial c} & \frac{\partial F_1}{\partial \omega} \\ \frac{\partial F_2}{\partial c} & \frac{\partial F_2}{\partial \omega} \end{vmatrix}_{(c_0,\omega_0)}$$
$$= -4c_0q\omega_0 - 4c_0\omega_0 p^2 = -4c_0\omega_0(q+p^2) > 0.$$

3. Figures & Tables

The output for a single-column figure is in Figure 1. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

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See example table in Table 1.
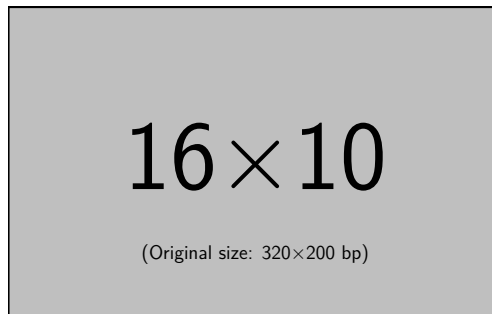
a. A footnote/endnote
b. Another footnote/endnote

Figure 1. Insert figure caption here

Table 1. An Example of a Table

Column head 1	Column head 2	Column head 3	Column head 4
One[a]	Two	three three	four
Three	Four	three three[b]	four

Table note
a First note
b Another table note

4. Conclusion

The conclusion text goes here.

References

Adade, Camila M, Solange L de Castro, and Maurilio J Soares. 2007. Ultrastructural localization of *Trypanosoma cruzi* lysosomes by aryl sulphatase cytochemistry. *Micron* 38 (3): 252–256.

Bayer-Santos, Ethel, Clemente Aguilar-Bonavides, Silas Pessini Rodrigues, Esteban Maurício Cordero, Alexandre Ferreira Marques, Armando Varela-Ramirez, Hyungwon Choi, Nobuko Yoshida, José Franco Da Silveira, and Igor C Almeida. 2013. Proteomic analysis of trypanosoma cruzi secretome: characterization of two populations of extracellular vesicles and soluble proteins. *Journal of Proteome Research* 12 (2): 883–897.

Appendix 1.   Example Appendix Section

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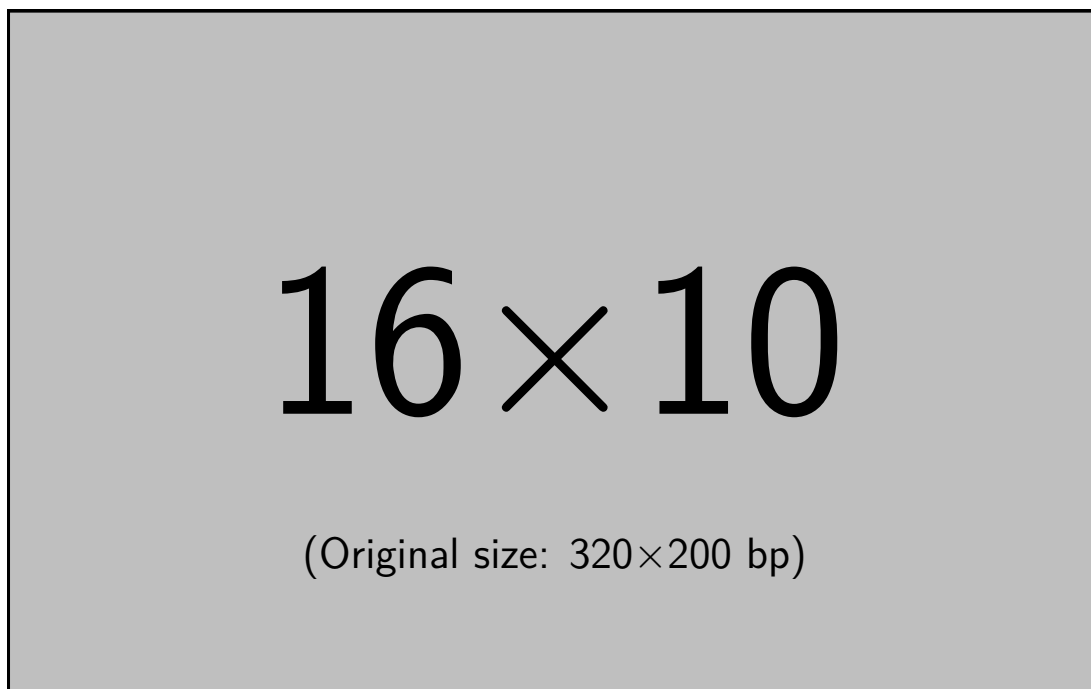
Figure 2. Insert figure caption here

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