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ARTICLE TYPE

Cambridge Small Template Class File

F. Author,[*][†] S. Author,[‡] T. Author,[‡] and F.T. Author[¶]

†First Division, Organization, City, Pincode, State, Country
‡Second Division, Organization, City, Pincode, State, Country
¶Fourth Division, Organization, City, Pincode, State, Country
*Corresponding author. Email: first.author@address.edu

Abstract

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

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. However, the journal you're submitting to may require a different reference style; specify the journal you're using with the class' `journal` option — see lines 1–9 of *sample.tex* for a list of options and instructions for selecting the journal. 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`

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1.1   *Insert B head here*

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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[2] 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.

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

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

$$\frac{\partial(F_1, F_2)}{\partial(c, \omega)}\bigg|_{(c_0, \omega_0)} = \begin{vmatrix} \frac{\partial F_1}{\partial c} & \frac{\partial F_1}{\partial \omega} \\ \frac{\partial F_2}{\partial c} & \frac{\partial F_2}{\partial \omega} \end{vmatrix}_{(c_0, \omega_0)}$$

$$= -4c_0 q \omega_0 - 4c_0 \omega_0 p^2 = -4c_0 \omega_0 (q + p^2) > 0.$$

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.

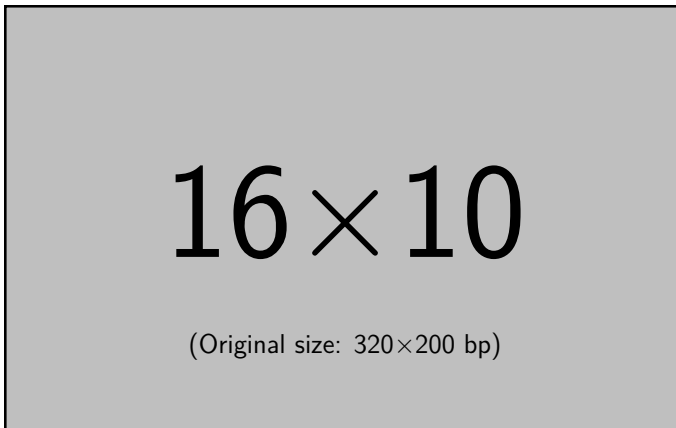Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Lorem ipsum dolor sit amet, consectetur adipiscing elit,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

16×10

(Original size: 320×200 bp)

Figure 1. Insert figure caption here

See example table in Table 1.

Table 1. An Example of a Table

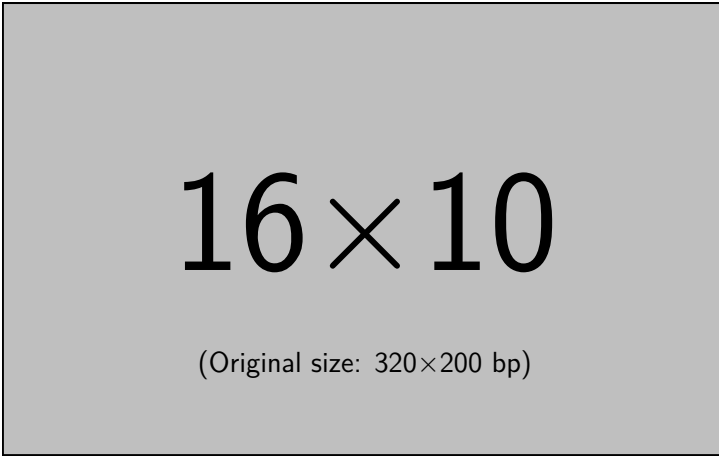| Column head 1	Column head 2	Column head 3	Column head 4
One[a]	Two	three three	four
Three	Four	three three[b]	four

Table note
a   First note
b   Another table note

Figure 2. Insert figure caption here

4. Conclusion

The conclusion text goes here.

Competing Interests   A statement about any financial, professional, contractual or personal relationships or situations that could be perceived to impact the presentation of the work — or 'None' if none exist

Data Availability Statement   A statement about how to access data, code and other materials allowing users to understand, verify and replicate findings — e.g. Replication data and code can be found in Harvard Dataverse: \url{https://doi.org/link}.

Ethical Standards   The research meets all ethical guidelines, including adherence to the legal requirements of the study country.

Author Contributions   Please provide an author contributions statement using the CRediT taxonomy roles as a guide \url{https://www.casrai.org/credit.html}. Conceptualization: A.A; A.B. Methodology: A.A; A.B. Data curation: A.C. Data visualisation: A.C. Writing original draft: A.A; A.B. All authors approved the final submitted draft.

Notes

1 A footnote/endnote

2 Another footnote/endnote

References

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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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