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ABSTRACT

Insert your abstract here, giving a brief perspective of the most relevant aspects of the paper. The abstract should have about 200 to 300 words. Every effort must be made to align the format, style and appearance of the manuscript with the JBDAI template.

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1 Introduction

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1.1 LaTeX Template

Authors are encouraged to use LaTeX via Overleaf: <https://www.overleaf.com/read/sfhppqrgwjhfb>

2 Main Text and Analysis

Articles must be written in the English language (US) and should be carefully proofread before submission. Please use this template for preparing your paper. Files should be submitted as PDF or Word files and should be formatted as per the author's guidelines for publication. Figures and tables should be embedded in the main document.

Overleaf compatible LaTeX files can be used to generate PDF files and this template is available as an Overleaf compatible LaTeX template and also as a MS Word template.

Papers length should be approximately between 7000 to 10000 words, following the recommended structure: Introduction; Background; Main Text and Analysis; Conclusion; Acknowledgements (when appropriate); References; Appendices (when applicable). Paper length exceptions with substantial merit may be accommodated.

3 Citations

References should be added at the end of the paper, after Conclusion / Acknowledgement (if any) and before Appendices (if any), corresponding to the order of appearance of citations in the text. Authors should ensure that every reference in the text appears in the list of references and vice versa.

This template accommodates the following variations of the same style:

qwertyuiop is a proven fact (Hadash et al., 2018).

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Hadash et al. stated that qwertyuiop ...

In their 2018 study Hadash et al. state that ...

4 Headings: first level

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4.1 Headings: second level

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$$\xi_{ij}(t) = P(x_t = i, x_{t+1} = j | y, v, w; \theta) = \frac{\alpha_i(t) a_{ij}^{w_t} \beta_j(t+1) b_j^{v_{t+1}}(y_{t+1})}{\sum_{i=1}^N \sum_{j=1}^N \alpha_i(t) a_{ij}^{w_t} \beta_j(t+1) b_j^{v_{t+1}}(y_{t+1})} \quad (1)$$

4.1.1 Headings: third level

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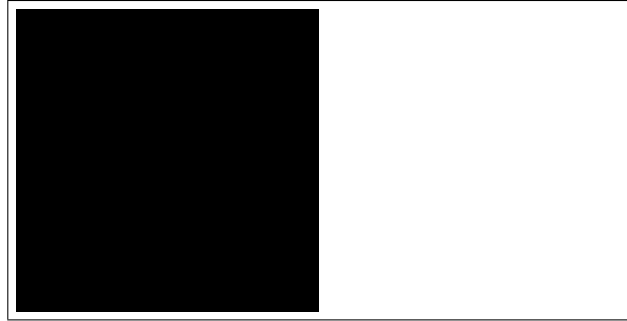


Figure 4: Sample figure caption.

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5 Examples of citations, figures, tables, references

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The documentation for natbib may be found at

<http://mirrors.ctan.org/macros/latex/contrib/natbib/natnotes.pdf>

Of note is the command `\citet`, which produces citations appropriate for use in inline text. For example,

```
\citet{hasselmo} investigated\dots
```

produces

Hasselmo, et al. (1995) investigated...

<https://www.ctan.org/pkg/booktabs>

5.1 Figures

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Please avoid footnotes. Here is how you add (unavoidable) footnotes. ¹ Sed feugiat. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Ut pellentesque augue sed urna. Vestibulum diam eros, fringilla et, consectetur eu, nonummy id, sapien. Nullam at lectus. In sagittis ultrices mauris. Curabitur malesuada erat sit amet massa. Fusce blandit. Aliquam erat volutpat. Aliquam euismod. Aenean vel lectus. Nunc imperdiet justo nec dolor.

5.2 Tables

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¹Sample of the first footnote.

Table 1: Sample table title

Part		
Name	Description	Size (μm)
Dendrite	Input terminal	~ 100
Axon	Output terminal	~ 10
Soma	Cell body	up to 10^6

facilisis magna. Mauris quis magna varius nulla scelerisque imperdiet. Aliquam non quam. Aliquam porttitor quam a lacus. Praesent vel arcu ut tortor cursus volutpat. In vitae pede quis diam bibendum placerat. Fusce elementum convallis neque. Sed dolor orci, scelerisque ac, dapibus nec, ultricies ut, mi. Duis nec dui quis leo sagittis commodo. See awesome Table 1.

5.3 Lists

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- consectetur adipiscing elit.
- Aliquam dignissim blandit est, in dictum tortor gravida eget. In ac rutrum magna.

6 Conclusion

Your conclusion here

Acknowledgments

This was supported in part by.....

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Appendix