A TEMPLATE FOR THE *arxiv* STYLE

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ABSTRACT

[1]

Keywords First keyword · Second keyword · More

1 Introduction

[2] [3]

2 Headings: first level

[4] See Section 2.

2.1 Headings: second level

[5]

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

2.1.1 Headings: third level

[6]

Paragraph [7]

3 Examples of citations, figures, tables, references

3.1 Citations

Citations use `natbib`. The documentation may be found at

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

Here is an example usage of the two main commands (`citet` and `citep`): Some people thought a thing [**??**] but other people thought something else [**?**]. Many people have speculated that if we knew exactly why **?** thought this. . .

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[*]Use footnote for providing further information about author (webpage, alternative address)—*not* for acknowledging funding agencies.
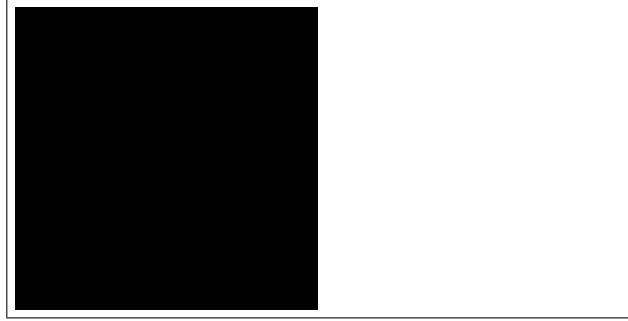
Figure 1: Sample figure caption.

Table 1: Sample table title

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

3.2 Figures

[10] See Figure 1. Here is how you add footnotes. [2] [11]

3.3 Tables

See awesome Table 1.

The documentation for `booktabs` ('Publication quality tables in LaTeX') is available from:

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

3.4 Lists

- Lorem ipsum dolor sit amet
- consectetur adipiscing elit.
- Aliquam dignissim blandit est, in dictum tortor gravida eget. In ac rutrum magna.

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[2]Sample of the first footnote.