### Full Title of Article

Author Name1\*1,2 ABC@SAMPLE.EDU

<sup>1</sup> Address 1

<sup>2</sup> Address 2

Author Name $2^{\dagger 1}$ Author Name $3^2$ Author Name $4^{\dagger 3}$ 

XYZ@SAMPLE.EDU ALPHABETA@EXAMPLE.EDU UVW@FOO.AC.UK

<sup>3</sup> Address 3

Author Name5<sup>‡4</sup>

FGH@BAR.COM

<sup>4</sup> Address 4

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### Abstract

This is a great paper and it has a concise abstract. **Keywords:** List of keywords, comma separated.

### 1. Introduction

This is where the content of your paper goes. Some random notes<sup>1</sup>:

- You should use LATEX(Lamport, 1986).
- JMLR/PMLR uses natbib for references. For simplicity, here, \cite defaults to parenthetical citations, i.e. \citep. You can of course also use \citet for textual citations.
- Eprints such as arXiv papers can of course be cited (Hinton et al., 2015). We recomend using a @misc bibtex entry for these as shown in the sample bibliography.
- You should follow the guidelines provided by the conference.
- Read through the JMLR template documentation for specific LATEX usage questions.
- Note that the JMLR template provides many handy functionalities such as \figureref to refer to a figure, e.g. Figure 1, \tableref to refer to a table, e.g. Table 1 and \equationref to refer to an equation, e.g. Equation (1).

#### Acknowledgments

We thank a bunch of people.

<sup>\*</sup> Contributed equally

<sup>†</sup> Contributed equally

<sup>1.</sup> Random footnote are discouraged

Table 1: An Example Table

| Dataset | Result  |
|---------|---------|
| Data1   | 0.12345 |
| Data2   | 0.67890 |
| Data3   | 0.54321 |
| Data4   | 0.09876 |



Figure 1: Example Image

# Algorithm 1: Computing Net Activation

Input:  $x_1, \ldots, x_n, w_1, \ldots, w_n$ Output: y, the net activation  $y \leftarrow 0$ ; for  $i \leftarrow 1$  to n do

 $y \leftarrow y + w_i * x_i;$ 

 $\mathbf{end}$ 

### References

Geoffrey Hinton, Oriol Vinyals, and Jeff Dean. Distilling the knowledge in a neural network. Eprint arXiv:1503.02531, 2015.

Leslie Lamport. Latex: A Document Preparation System. Addison-Wesley Longman Publishing Co., Inc., Boston, MA, USA, 1986. ISBN 0-201-15790-X.

# Appendix A. Proof of Theorem 1

This is a boring technical proof of

$$\cos^2 \theta + \sin^2 \theta \equiv 1. \tag{1}$$

## Appendix B. Proof of Theorem 2

This is a complete version of a proof sketched in the main text.