Neural Network and Deep Learning Project Report
Comparison Between Different Convolution Neural Network for EEG 4-class Motor Classification.

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Abstract

In this project we aim to classify EEG data provided by the BCI competition. The EEG data can be classified into four different motor tasks (i.e. left hand, right hand, both feet, and tongue.) We select several neural networks to accomplish this task and compare their performance. Also,

1. Introduction

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Table 1. Table captions should be placed above the table

Graphics	Top	In-between	Bottom
Figures	Good	Body text for the tables should be Times Roman 10 pt.	
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A numbered list at the end of the article, ordered alphabetically by first author, and referenced by numbers in brackets [1]. See the examples of citations at the end of this document. Within this template file, use the style named references for the text of your citation. The body text of the citation/references section should be 10 pt. Times New Roman.

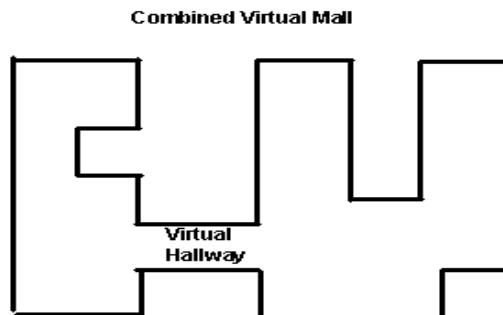[1] If Helvetica is not available on your machine, Arial may be used as a substitute.

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The heading for subsubsections should be in Times New Roman 10-point italic with initial letters capitalized and 6 points of white space above the subsubsection head.

Acknowledgments

Your appreciation to employers, co-workers, department heads, and/or institutions that issued you a grant can be acknowledged in this section.

References

[1] Gennari, J., et al., Templates for IEEE Proceedings, available at <http://www.sheridanprinting.com/ieee/ieee.htm>

[2] Panther, J. G., *Digital Communications*, 3rd ed., Addison-Wesley, San Francisco, CA (1999).

[3] Schneider, M., "Guidelines for Bias-Free Writing," PhD Thesis, Indiana University, Bloomington, IN (1995).

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