Super Convergence: Very Fast Training of Residual Networks Using Large Learning Rates

ICLR Reproducibility Challenge

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Abstract

In this paper, we aim to evaluate the reproducibility of the experiments detailed in the paper "Super Convergence: Very Fast Training of Residual Networks Using Large Learning Rates" [1]

1. Introduction

1.1. Target Questions

2. Method

2.1. Implementation Details

Discuss things like batch size that we were limited by because we only had one GPU to run things on at a time (8GB of memory)

3. Evaluation

3.1. Methodology

4. Experiments

5. Conclusion

5.1. Cost of Reproduction

What cost in terms of resources (computation, time, people, developemnt effort, communication with the authors).

References

[1] Anonymous. Super-convergence: Very fast training of residual networks using large learning rates. *International Conference on Learning Representations*, 2018.