Explainable Deep-learning: Monte Carlo methods for Gravitational-Wave Inference

2259886[1]

[1]*SUPA, School of Physics and Astronomy*
University of Glasgow
Glasgow G12 8QQ, United Kingdom
(Dated: March 17, 2021)

Enter 250 words here!

I. INTRODUCTION

A.

II. VITAMIN: USER-FRIENDLY INFERENCE

A. Structure

B. Training

C. Results

III. MONTE CARLO APPROACHES

A. Theoretical Framework

B. Methodology

1. Likelihood Estimates

2. Rejection Sampling

C. Results & Discussion

1. Self-consistency

2. Reproducibility

3. Rejection Sampling

IV. CONCLUSIONS

V. ACKNOWLEDGEMENTS