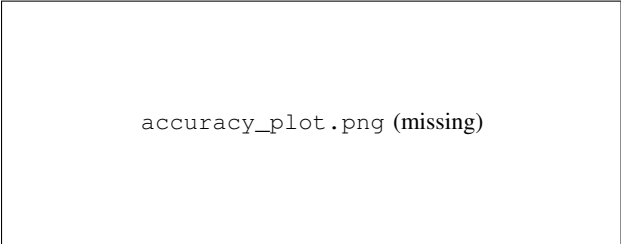# Homework #1 — Trusted AI

Your Name (ID: StudentID)

Dept. of ECE, University of Tehran
Instructor: Dr. Mostafa Tavasolipour

Fig. 1: Example training accuracy (replace with your plot).

Abstract—**A short abstract (<=150 words) summarising the goals and main outcomes.**

Index Terms—**Classification, Robustness, ResNet18, LaTeX template**

I. INTRODUCTION

One-paragraph motivation and scope.

II. METHODS

Describe model and training choices.

III. EXPERIMENTS

Datasets, splits, and evaluation protocol.

IV. RESULTS

A. Quantitative

Tables and numeric results.

B. Qualitative

V. DISCUSSION

Interpretation and limitations.

VI. CONCLUSION

Key takeaways and future work.

APPENDIX

Hyperparameters and additional implementation notes.

REFERENCES