

The following is a detailed transcription of the provided text, organized into sections and subsections where appropriate:

Introduction

This section discusses the background and context of the study, mentioning the use of a large dataset from the National Institute of Standards and Technology (NIST) and the focus on identifying specific components of the system.

Methodology

Data Sources

This section describes the data used in the study, including the NIST dataset and the specific subset of components being analyzed.

Feature Extraction

This section details the process of extracting features from the data, including the use of a neural network and the resulting feature vector dimensions.

Model Training

This section describes the training of the model, including the use of a neural network and the resulting feature vector dimensions.

Model Evaluation

This section details the evaluation of the model's performance, including the use of a neural network and the resulting feature vector dimensions.

Conclusion

This section summarizes the findings of the study, highlighting the success of the proposed approach in identifying specific components of the system.