Smart Contract Vulnerability Detection Using Deep Learning

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# Abstract

# Keywords

# Introduction

# Background

Maybe add a section related to AST for c++ code vulnerability detection.

Multi label vs multi output classification

# Motivation

# Dataset

Add in a pie chart showing label distribution of dataset.

Talk about slither and that its accurate but slow

# Method

Serializing the ASTs as model inputs allows us to represent the source code function behaviour using a consistent vocabulary.

Num of trainable params

Experimental setup

# Results

Metrics

Compare the time taken to pre-process each

# Conclusions

A good conclusion to draw is that changing the modality of the smart contract representation will yield the same performance results if applying the same deep learning techniques.

Capitalize section, table, etc

# Future Work