

## **Author Contribution Statements**

Andrew Levandowski coded the SVM and Logistic Regression. Andrew tested the SVM and Logistic Regression models and compared the results of using different parameters. Andrew set up the Github along with contributing most of the report write-up.

Alexander Lukito coded the pre-processing program, Custom CNN, LeNet, and AlexNet. Alex tested the models with various layers and parameters/hyperparameters. Alex contributed to the report write-up.

Andrew Levandowski, Alexander Lukito and Jesus Aispuro discussed and decided upon the dataset and models used.