Executive Summary

118th Congress Project

This project uses logistic regression to predict whether a bill introduced in the 118th Congress will become a law.

As of 1 June 2024, 15,366 bills have been introduced and only 64 have become law! This means there is a severe class imbalance in the data. To mitigate this, the algorithm was trained and used on four subsets of the data:

1. All bills (15,366).

2. Bills that passed in the House. Given that a bill passed in the House, will it become a law?

3. Bills that passed in the Senate. Given that a bill passed in the Senate, will it become a law?

4. Bills that passed in both chambers. Given that a bill passed in both chambers, will it become a law?

Results

Implications