

Bias Detection Report

Bias Detection Analysis Report for Foreign Workers in the Dataset

Bias Type: Distribution Bias

Relevant Feature: Foreign Worker

Bias Level: Extreme Bias

Analysis Summary: The Chi-Square test revealed a significant deviation from the expected uniform distribution in the 'foreign worker' category, with a Chi-Square statistic of 543.37 and a p-value of 3.49e-120. This indicates an extreme level of bias, suggesting that foreign workers are disproportionately represented in the dataset.

Implications: The bias in the representation of foreign workers may imply unequal access to credit within the dataset, potentially affecting the fairness of credit risk assessments.

