

Bias Detection Report

The bias detection task was to check for bias depending on whether someone has a telephone in the Statlog.csv dataset.

The Cramers_V value of 0.034242641998258334 indicates a very weak association between the Telephone feature and the Credit risk (Good/Bad) feature.

The Max_Elift value of 1.04586129753915 suggests a minimal correlation between the two features.

The Max_Z_value of 0.04429164454222355 indicates that the difference in proportions between the groups is not significant.

Considering these results, I would categorize the bias level as Level 1 (No Bias).

Bias Type: Correlation

Relevant Feature(s): Telephone, Credit risk (Good/Bad)

Bias Level: Level 1

Additional Explanation: The results from the tools indicate that there is no significant bias in the dataset related to the Telephone feature.