

# Bias Detection Report

The analysis of the COMPAS dataset reveals a significant correlation between ethnicity and recommended supervision levels.

The Chi-Square test results indicate a high level of bias, with a Chi-Square statistic of 5939.38 and a p-value of 0.0.

This suggests that certain ethnic groups are more likely to receive higher or lower supervision levels, which could impact fairness and equity in the criminal justice system.

The relevant features analyzed were Ethnic\_Code\_Text and RecSupervisionLevelText.

The bias level is categorized as extreme, indicating a need for careful consideration and potential corrective actions.