# **Bias Detection Report**

## **Bias Detection Report**

# **Dataset Analyzed**

- \*\*Path:\*\* source\_files/COMPAS.csv

#### **Features Examined**

- \*\*Gender (Sex\_Code\_Text)\*\*
- \*\*Recommended Supervision Level (RecSupervisionLevelText)\*\*

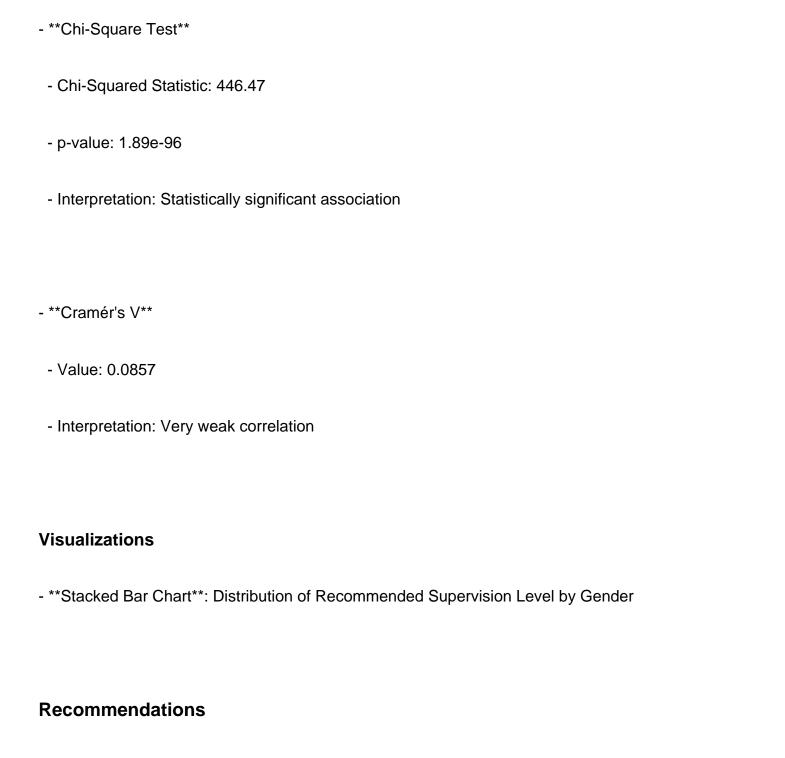
## **Type of Bias Detected**

- \*\*Correlation Bias\*\*

### **Tools Used**

- \*\*Chi-Square Test\*\*
- \*\*Cramér's V Calculation\*\*

#### **Values Obtained and Bias Extent**



Based on the analysis, the correlation between gender and the recommended supervision level is

statistically significant, but the strength of the association is very weak. Therefore, it is suggested to

proceed with using the dataset, as the bias level is minimal.

