

Bias Detection Report

Bias Detection Report

Dataset Analyzed: COMPAS

Feature Examined: Ethnic_Code_Text

Bias Type Detected: Distribution

Tools and Methods Used

1. Shannon Entropy and Balance Metric
2. Max/Min Ratio
3. Gini Index
4. Chi-Square Test

Analysis and Results

- ****Shannon Entropy and Balance Metric****: Balance = 0.550, Shannon Entropy = 1.743 (Significant Bias)

- ## Conclusion

Recommendations

Pie Chart of Ethnic_Code_Text

