

Bias Detection Report

The analysis of the COMPAS dataset reveals significant biases related to the 'Language' feature.

The distribution of languages is highly imbalanced, indicating extreme bias (Level 5).

There is a low correlation between 'Language' and 'Ethnic_Code_Text' (Level 2), suggesting some relationship between language and ethnicity.

A high correlation exists between 'Language' and 'RecSupervisionLevel' (Level 4), indicating language significantly impacts the recommended supervision level.

No significant correlation is found between 'Language' and 'ScoreText' (Level 1).

Overall, the bias level is categorized as Level 4 due to the extreme distribution bias and high correlation with supervision level.