

Bias Detection Report

The analysis of the dataset regarding the correlation between family support ('famsup') and academic performance ('G3') has been completed. Here's a detailed summary of the findings:

1. Bias Type: Correlation

2. Relevant Features: 'famsup' (Family Support) and 'G3' (Final Grade)

3. Bias Level: Level 1 (No Bias)

4. Findings:

- The Cohen's d effect size of 0.0801 suggests a very small effect size, indicating minimal bias in the relationship between family support and academic performance.

- The bar chart visualization of 'G3' based on 'famsup' categories provides a visual representation of the distribution, supporting the conclusion of minimal bias.

5. Additional Explanation:

- The analysis shows that family support does not have a significant impact on the final grades of students in this dataset. The effect size is very close to zero, suggesting that other factors might play a more substantial role in determining academic performance.

