# Bias Detection Report

Bias Detection Report on Family Support and Final Grades

This report analyzes the correlation bias between family support ('famsup') and final grades ('G3') in the provided dataset. The analysis was conducted using the Hilbert-Schmidt Independence Criterion (HSIC) method.

1. Bias Type: Correlation

2. Relevant Features: 'famsup' (family support), 'G3' (final grade)

3. Bias Level: Level 1 (No Bias)

The HSIC value is $9.77 \times 10^{-8}$, indicating no significant correlation bias between family support and final grades.

Explanation:

The statistical analysis and visualizations both suggest that family support does not significantly impact final grades.

# Bar Chart of famsup