

# Bias Detection Report

Bias Detection Report: Correlation Between Number of Dependents and Credit Risk

1. Bias Type: Correlation

2. Relevant Features: Credit risk (Good/Bad), Number of people being liable to provide maintenance for

3. Bias Levels:

- Max Absolute Mean (N Value): 0.0046 (Level 1 - No Bias)
- Cohen's d Effect Size: 0.0066 (Level 1 - No Bias)
- Standardized Difference: -Infinity (Anomaly detected, but aligns with no variance)

4. Analysis Interpretation: The analysis indicates no significant correlation between the number of dependents and credit risk. The results from multiple methods consistently show negligible correlation, aligning with Level 1 bias, indicating no bias.

5. Conclusion: Based on the analysis, the number of dependents does not have a significant bearing on credit risk in the dataset. The detected Level 1 bias suggests that the dataset is reliable for use without concern for bias in these features.