Bias Detection Report

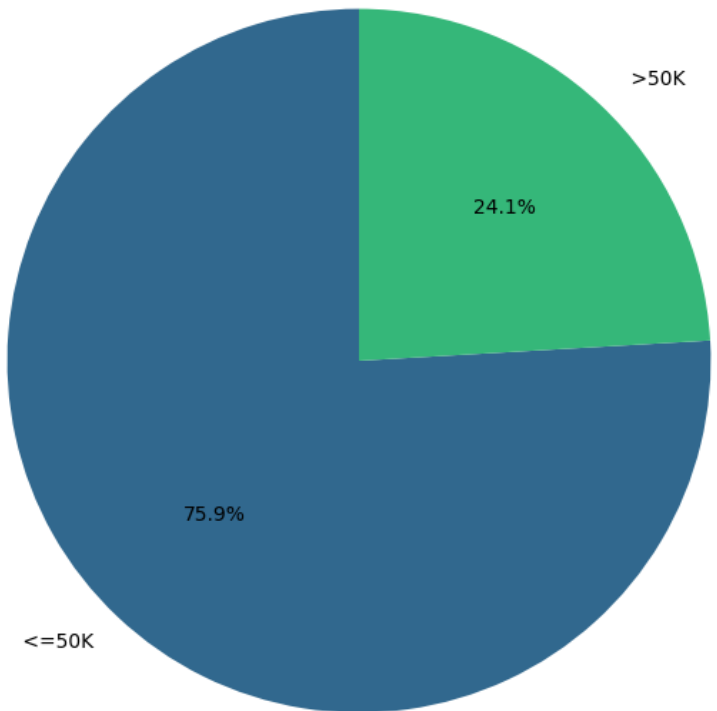Income Distribution Bias Analysis Report

Bias Type: Distribution

Relevant Feature: income

Bias Level: Level 4 (Significant Bias)

Analysis Summary: The Chi-Square test revealed a significant deviation from the expected uniform distribution, indicating a strong bias in the income distribution. The Kullback-Leibler Divergence further supports this finding with a moderate divergence value.

Pie Chart of income

The pie chart illustrates the distribution of income categories, visually confirming the bias detected in the statistical analysis.