

Bias Detection Report

The detection task is to detect correlation between "Age in years" and "Credit risk (Good/Bad)" in the Statlog.csv dataset.

The Chi-square test shows a significant correlation between "Age in years" and "Credit risk (Good/Bad)" with a p-value of 0.000387.

The t-test also shows a significant difference in the means of "Age in years" between the two groups of "Credit risk (Good/Bad)" with a p-value of 0.003925.

The HSIC method shows a very small correlation bias between "Age in years" and "Credit risk (Good/Bad)" with an HSIC value of 4.508700800000002e-07.