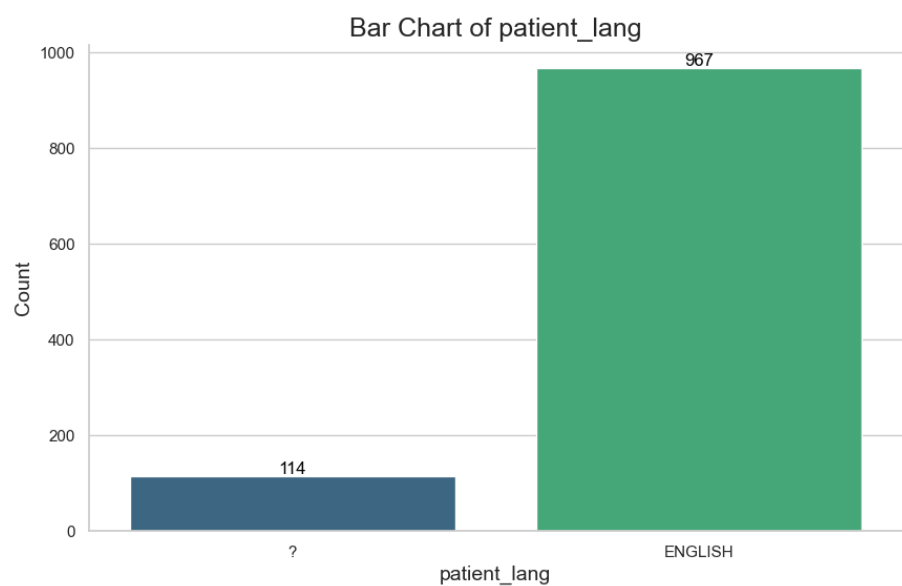# Bias Detection Report

Dataset Analyzed: MIMIC-IV.csv

Features Examined: patient_lang

Types of Bias Detected: Distribution bias

Tools Used: categorical_distribution_shannon_balance, plot_bar_chart

Values Obtained: Balance = 0.4860617582722211, Shannon Entropy = 0.4860617582722211

Extent of Bias: Moderate

Natural Language Interpretation: The feature 'patient_lang' in this dataset shows a moderate level of bias.

Recommendations: Consider this bias in certain applications.