Bias Detection Report

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Objective: Analyze the impact of marital status on patient care decisions using the MIMIC-IV dataset.

Data Overview

- **Dataset Path:** source_files/MIMIC-IV.csv
- **Relevant Features:**
 - Categorical: `patient_marital`
 - Numerical: `hospital_expire_flag`
 - Categorical: `admission_type`
 - Numerical: `patient_age`
- **Total Records:** 1081

Analysis Methods and Results

- 1. **Standardized Difference:**
 - Calculated for `patient_marital` and `hospital_expire_flag`.
 - **Results:** Minimal bias with small standardized differences (e.g., 0.058 for `DIVORCED`).

