

# Bias Detection Report

Bias Type: Distribution

Relevant Feature: patient\_gender

Bias Level: Level 1 (No Bias)

Shannon Entropy and Balance Metric Analysis:

- Balance Metric: 0.9993
- Shannon Entropy: 0.9993
- Conclusion: Level 1 (No Bias)

Max/Min Ratio Analysis:

- Max/Min Ratio: 1.063
- Conclusion: Level 1 (No Bias)

Gini Index Analysis:

- Corrected Gini Index: 0.4991
- Adjusted Gini Index: 0.9981
- Conclusion: Level 1 (No Bias)

Jensen-Shannon Divergence Analysis:

- JSD Value: 0.0108
- Conclusion: Level 1 (No Bias)

