Analysis Report

We report the following SageMaker analysis.

Pre-training Bias Metrics

We computed the bias metrics for the label LABEL using label value(s)/threshold 0 .

- **SEX**

Value(s)/Threshold: 1

name	description	value
CDDL	Conditional Demographic Disparity in Labels (CDDL)	0.0427477
CI	Class Imbalance (CI)	0.202083
DPL	Difference in Positive Proportions in Labels (DPL)	0.029108
JS	Jensen-Shannon Divergence (JS)	0.000610475
KL	Kullback-Liebler Divergence (KL)	0.00240546
KS	Kolmogorov-Smirnov Distance (KS)	0.029108
LP	L-p Norm (LP)	0.0411649
TVD	Total Variation Distance (TVD)	0.029108

Post-training Bias Metrics

We computed the bias metrics for the label LABEL using label value(s)/threshold 0 .

- **SEX**

Value(s)/Threshold: 1

name	description	value
AD	Accuracy Difference (AD)	0.0153898
CDDPL	Conditional Demographic Disparity in Predicted Labels (CDDPL)	0.0491245
DAR	Difference in Acceptance Rates (DAR)	0.0162567
DCA	Difference in Conditional Acceptance (DCA)	0.0106595
DCR	Difference in Conditional Rejection (DCR)	-0.0792453
DI	Disparate Impact (DI)	0.974812
DPPL	Difference in Positive Proportions in Predicted Labels (DPPL)	0.0222634
DRR	Difference in Rejection Rates (DRR)	-0.000619544
FT	Flip Test (FT)	-0.0637076
RD	Recall Difference (RD)	0.00666269
TE	Treatment Equality (TE)	0.0171366