

# Analysis Report

We report the following SageMaker analysis.

## Pre-training Bias Metrics

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

- `customer_gender_female`

Value(s)/Threshold: 1

name		description	value	error
CDDL	Conditional Demographic Disparity in Labels (CDDL)		None	Group variable is empty or not provided
CI	Class Imbalance (CI)		0	NaN
DPL	Difference in Positive Proportions in Labels (DPL)		-0.028285	NaN
JS	Jensen-Shannon Divergence (JS)		0.00544017	NaN
KL	Kullback-Liebler Divergence (KL)		0.0306181	NaN
KS	Kolmogorov-Smirnov Distance (KS)		0.028285	NaN
LP	L-p Norm (LP)		0.040001	NaN
TVD	Total Variation Distance (TVD)		0.028285	NaN

## Post-training Bias Metrics

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

- `customer_gender_female`

Value(s)/Threshold: 1

name		description	value	error
AD	Accuracy Difference (AD)		-0.028285	NaN
CDDPL	Conditional Demographic Disparity in Predicted Labels (CDDPL)		None	Group variable is empty or not provided
DAR	Difference in Acceptance Rates (DAR)		-0.028285	NaN
DCA	Difference in Conditional Acceptance (DCA)		-0.028285	NaN
DCR	Difference in Conditional Rejection (DCR)		0	NaN
DI	Disparate Impact (DI)		1	NaN
DPPL	Difference in Positive Proportions in Predicted Labels (DPPL)		0	NaN
DRR	Difference in Rejection Rates (DRR)		0	NaN
FT	Flip Test (FT)		0	NaN
RD	Recall Difference (RD)		0	NaN
TE	Treatment Equality (TE)		0	NaN