Results for Pre-Proc Learning Fair Representations:

	Taiwan-Gender	Taiwan-Marriage	Adult	German
Logistic Regression Accuracy (Before)	0.80833333	0.8162025316	0.82075954	0.72000000
Logistic Regression Accuracy (After)	0.79350000	0.7969620253	0.78482956	0.72500000
RFC Accuracy (Before)	0.79466666	0.8129957805	0.82966526	0.76000000
RFC Accuracy (After)	0.79083333	0.7939240506	0.75586037	0.73500000
Statistical Parity (Before)	0.03327060	0.0268561114	−0.1929391	−0.0919999
Statistical Parity (After)	0.07292340	0.0347837906	−0.0796076	−0.0389090
Consistency (Before)	0.78445833	0.78298591	0.81125585	0.70550000
Consistency (After)	0.99704167	0.99774665	0.99987203	0.97725000

Table showing Logistic Regression and Random Forest Classification (RFC) model performance when attempting to predict the Sensitive class from the transformed data

	Taiwan-Gender	Taiwan-Marriage	Adult	German
Logistic Reg Sensitive attribute predictability	0.4306666	0.47139240	0.50373630	0.70000000
RFC Sensitive attribute predictability	0.4596666	0.55105485	0.36605589	0.69500000

Results for Pre-Proc Disparate Impact Removal:

	Taiwan-Gender	Taiwan-Marriage	Adult	German
Disparate Impact (Before)	1.0447161	1.03323430	0.3596552	0.8965673
Disparate Impact (After)	1.0467924	1.03252337	0.3596552	0.9130025
Repair Level	0.50	0.00	1.00	1.00
Logistic Regression Accuracy (Before)	0.8110000	0.81687763	0.8229092	0.695000
Logistic Regression Accuracy (After)	0.8105000	0.81687763	0.8230115	0.695000
RFC Accuracy (Before)	0.8118333	0.80337552	0.8389804	0.700000
RFC Accuracy (After)	0.813000	0.80320675	0.8388780	0.680000
Statistical Parity (Before)	0.0339094	0.02543364	−0.194515	−0.074801
Statistical Parity (After)	0.0354055	0.02495861	−0.194515	−0.063648
Consistency (Before)	0.7517800	0.75171995	0.8425003	0.6810000
Consistency (After)	0.7833833	0.78311250	0.8408705	0.7030000
Balanced Error Rate (Before)				
Balanced Error Rate (After)				

Table showing Logistic Regression and Random Forest Classification (RFC) model performance when attempting to predict the Sensitive class from the transformed data

	Taiwan-Gender	Taiwan-Marriage	Adult	German
Logistic Reg Sensitive attribute predictability	0.5978333	0.71578059	0.7546319	0.77000000
RFC Sensitive attribute predictability	0.6585000	0.73552742	0.8597604	0.77000000