

Overall Result Comparison on Algorithm 4 and Algorithm 6							
Metrics			Accuracy	Parity	Calibration	False Positive Rate (FPR)	False Negative Rate (FNR)
BaseLine	Logistic	Overall	0.93	-	-	0.067146	0.073107
		African-American	-	0.537657	0.937238	0.067873	0.058366
		Caucasian	-	0.391304	0.919255	0.066327	0.103175
		<i>Difference</i>	-	0.146353	0.017983	0.001546	-0.044809
	1-layer Neural Network	Overall	0.92875	-	-	0.079137	0.062663
		African-American	-	0.562762	0.92887	0.104072	0.042802
		Caucasian	-	0.381988	0.928571	0.05102	0.103175
		<i>Difference</i>	-	0.180774	0.000299	0.053052	-0.060373
	1-layer NN with <i>cstn.</i> on FPR & FNR	Overall	0.80375	-	-	0.201439	0.190601
		African-American	-	0.520921	0.803347	0.19457	0.198444
		Caucasian	-	0.450311	0.804348	0.209184	0.174603
		<i>Difference</i>	-	0.07061	-0.001001	-0.014614	0.023841
Algorithm 4	DM-sen	Overall	0.924084	-	-	0.088496	0.063683
		African-American	-	0.427966	0.927966	0.084507	0.053191
		Caucasian	-	0.541758	0.923077	0.089835	0.065708
		<i>Difference</i>	-	-0.113792	0.004889	-0.005328	-0.012517
	DM	Overall	0.925829	-	-	0.084956	0.063683
		African-American	-	0.423729	0.932203	0.077465	0.053191
		Caucasian	-	0.540659	0.924176	0.08747	0.065708
		<i>Difference</i>	-	-0.11693	0.008027	-0.010005	-0.012517
Algorithm 6	LM	Overall	0.915	-	-	0.069544	0.101828
		African-American	-	0.495816	0.916318	0.045249	0.116732
		Caucasian	-	0.42236	0.913043	0.096939	0.071429
		<i>Difference</i>	-	0.073456	0.003275	-0.05169	0.045303
	LPS	Overall	0.9275	-	-	0.071942	0.073107
		African-American	-	0.541841	0.933054	0.076923	0.058366
		Caucasian	-	0.391304	0.919255	0.066327	0.103175
		<i>Difference</i>	-	0.150537	0.013799	0.010596	-0.044809