

Dataset View - UII

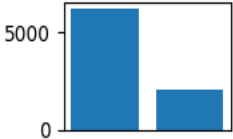
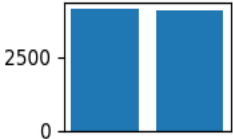
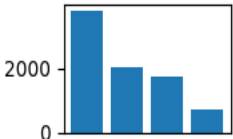
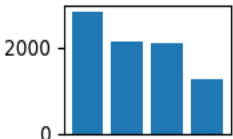
Dataset Head

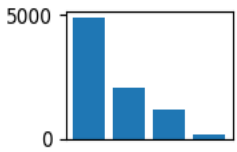
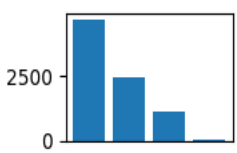
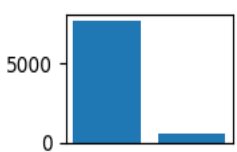
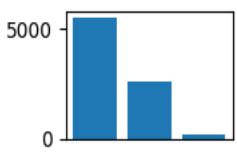
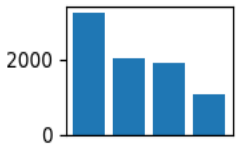
scores_M ATq_3	gender	mother_ed ucation	father_edu cation	mother_oc cupation	father_occ upation	immigrant _status	age_at_en rollment	books_in_ home	adults_rea ding_book s	school_ow nership	teacher_tr ansfer_rat e	capital_isl and	socioecon omic_stat us	decision
Middle Range	Male	Secondary	No Ed.	Unemploye d Not Looking	Unemploye d Looking	Spain	< 3	< 11	< 11	Public	High	No	High	Pass
Middle Range	Male	Tertiary	Tertiary	Unemploye d Not Looking	Retired	Spain	< 3	> 100	> 200	Public	Low	Yes	Low	Pass
Middle Range	Male	Primary	Primary	Retired	Unemploye d Looking	Spain	3 - 4	11 - 50	11 - 50	Public	Low	Yes	High	Pass
Middle Range	Female	Tertiary	Tertiary	Unemploye d Not Looking	Unemploye d Not Looking	Spain	< 3	51 - 100	101 - 200	Private	Low	Yes	Low	Pass
Middle Range	Female	Tertiary	Tertiary	Retired	Retired	Spain	< 3	11 - 50	> 200	Public	Low	Yes	High	Pass
Lower Tail	Female	Secondary	Secondary	Unemploye d Looking	Retired	Another Country	3 - 4	51 - 100	> 200	Public	High	Yes	High	Not Pass
Middle Range	Male	Primary	Primary	Retired	Unemploye d Not Looking	Spain	< 3	51 - 100	11 - 50	Private	Low	Yes	Low	Pass
Lower Tail	Female	No Ed.	No Ed.	Retired	Unemploye d Looking	Spain	< 3	11 - 50	> 200	Public	High	Yes	High	Not Pass
Middle Range	Male	Tertiary	Secondary	Unemploye d Not Looking	Unemploye d Not Looking	Spain	< 3	> 100	< 11	Private	Low	Yes	Low	Pass
Lower Tail	Female	Secondary	No Ed.	Retired	Unemploye d Looking	Spain	< 3	11 - 50	> 200	Public	High	No	Low	Not Pass
Lower Tail	Male	Secondary	Primary	Retired	Unemploye d Looking	Spain	< 3	51 - 100	11 - 50	Public	High	Yes	Low	Not Pass
Lower Tail	Male	Primary	Primary	Retired	Retired	Spain	3 - 4	< 11	11 - 50	Public	High	Yes	High	Not Pass
Middle Range	Female	Primary	Primary	Unemploye d Looking	Unemploye d Looking	Spain	< 3	< 11	> 200	Public	High	Yes	High	Pass
Middle Range	Male	Tertiary	Tertiary	Retired	Retired	Spain	< 3	< 11	11 - 50	Private	Low	Yes	High	Pass
Lower Tail	Female	Tertiary	Secondary	Unemploye d Not Looking	Retired	Spain	< 3	11 - 50	101 - 200	Public	Low	Yes	Low	Not Pass

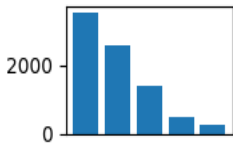
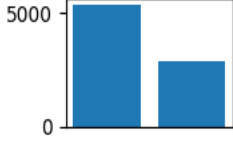
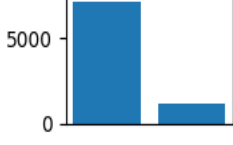
Middle Range	Male	Tertiary	Tertiary	Unemployed Not Looking	Retired	Spain	< 3	> 100	> 200	Private	Low	Yes	Low	Pass
Middle Range	Male	Tertiary	Secondary	Retired	Retired	Spain	< 3	> 100	101 - 200	Public	High	Yes	Low	Pass
Lower Tail	Female	Tertiary	No Ed.	Retired	Retired	Spain	3 - 4	51 - 100	> 200	Public	High	Yes	High	Not Pass
Middle Range	Female	Tertiary	Primary	Wage Employment	Retired	Spain	< 3	11 - 50	> 200	Public	High	Yes	High	Pass
Middle Range	Female	Tertiary	Tertiary	Unemployed Not Looking	Unemployed Not Looking	Spain	< 3	> 100	> 200	Private	Low	Yes	Low	Pass
Middle Range	Male	Tertiary	Tertiary	Retired	Retired	Another Country	< 3	51 - 100	101 - 200	Public	Low	No	High	Pass
Middle Range	Female	Primary	Secondary	Unemployed Not Looking	Retired	Spain	< 3	11 - 50	11 - 50	Public	High	Yes	Low	Pass
Middle Range	Male	No Ed.	No Ed.	Unemployed Looking	Retired	Spain	3 - 4	11 - 50	> 200	Public	High	Yes	High	Pass
Lower Tail	Female	Secondary	Secondary	Retired	Retired	Spain	< 3	11 - 50	11 - 50	Public	Low	Yes	High	Not Pass
Lower Tail	Male	Primary	No Ed.	Unemployed Looking	Retired	Spain	< 3	< 11	11 - 50	Public	High	Yes	High	Not Pass
Middle Range	Male	Tertiary	Tertiary	Unemployed Not Looking	Unemployed Not Looking	Spain	< 3	51 - 100	> 200	Public	High	Yes	Low	Pass
Middle Range	Female	No Ed.	Primary	Unemployed Looking	Retired	Spain	3 - 4	< 11	11 - 50	Public	High	Yes	High	Pass
Middle Range	Male	Tertiary	Tertiary	Unemployed Not Looking	Unemployed Not Looking	Spain	< 3	> 100	> 200	Public	High	Yes	Low	Pass
Middle Range	Female	Tertiary	Tertiary	Unemployed Not Looking	Unemployed Not Looking	Another Country	< 3	> 100	> 200	Public	High	Yes	Low	Pass
Middle Range	Female	Primary	Primary	Unemployed Looking	Retired	Spain	3 - 4	> 100	> 200	Public	High	Yes	Low	Pass

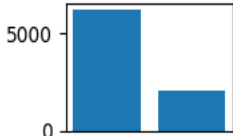
Features View

Stats

feature	missing_values	unique	top	freq	values	distribution	sensitive	target
scores_MATq_3	0	2	Middle Range	6217	Lower Tail, Middle Range		False	False
gender	0	2	Male	4172	Female, Male		False	False
mother_education	0	4	Tertiary	3796	No Ed., Primary, Secondary, Tertiary		False	False
father_education	0	4	Tertiary	2825	No Ed., Primary, Secondary, Tertiary		False	False

feature	missing_values	unique	top	freq	values	distribution	sensitive	target
mother_occupation	0	4	Retired	4898	Retired, Unemployed Looking, Unemployed Not Looking, Wage Employment		False	False
father_occupation	0	4	Retired	4725	Retired, Unemployed Looking, Unemployed Not Looking, Wage Employment		False	False
immigrant_status	0	2	Spain	7723	Another Country, Spain		False	False
age_at_enrollment	0	3	< 3	5521	3 - 4, < 3, > 4		False	False
books_in_home	0	4	11 - 50	3261	11 - 50, 51 - 100, < 11, > 100		False	False

feature	missing_values	unique	top	freq	values	distribution	sensitive	target
adults_reading_books	0	5	> 200	3552	101 - 200, 11 - 50, 51 - 100, < 11, > 200		False	False
school_ownership	0	2	Public	6187	Private, Public		False	False
teacher_transfer_rate	0	2	High	5382	High, Low		False	False
capital_island	0	2	Yes	7154	No, Yes		False	False
socioeconomic_status	0	2	Low	4149	High, Low		True	False

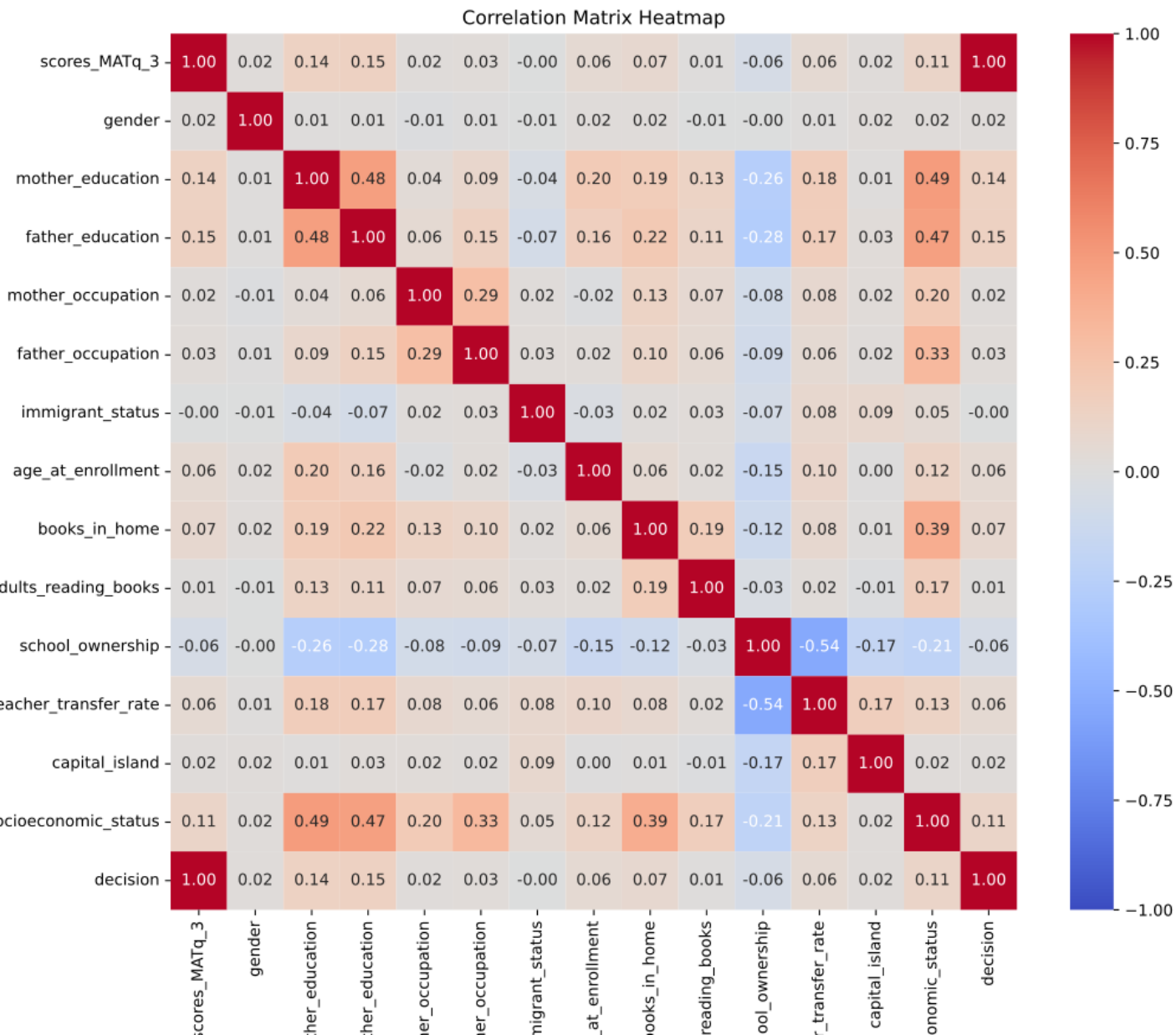
feature	missing_values	unique	top	freq	values	distribution	sensitive	target
decision	0	2	Pass	6217	Not Pass, Pass		False	True

Features

Field Name	drop	sensitive	target
scores_MATq_3	✗	✗	✗
gender	✗	✗	✗
mother_education	✗	✗	✗
father_education	✗	✗	✗
mother_occupation	✗	✗	✗
father_occupation	✗	✗	✗
immigrant_status	✗	✗	✗
age_at_enrollment	✗	✗	✗
books_in_home	✗	✗	✗
adults_reading_books	✗	✗	✗
school_ownership	✗	✗	✗
teacher_transfer_rate	✗	✗	✗
capital_island	✗	✗	✗
socioeconomic_status	✗	✓	✗
decision	✗	✗	✓

Proxies

Correlation Matrix



Suggested Proxies

Socioeconomic_status

	scores_MATq_3	gender	mother_education	father_education	mother_occupation	father_occupation
correlation	11.11%	1.78%	48.69%	46.50%	19.95%	32.76%
suggested_proxy	✗	✗	✗	✗	✗	✗

Socioeconomic_status

	immigrant_status	age_at_enrollment	books_in_home	adults_reading_books	school_ownership	teacher_transfer_rate
correlation	5.24%	12.11%	39.31%	16.93%	-20.82%	13.02%
suggested_proxy	✗	✗	✗	✗	✗	✗

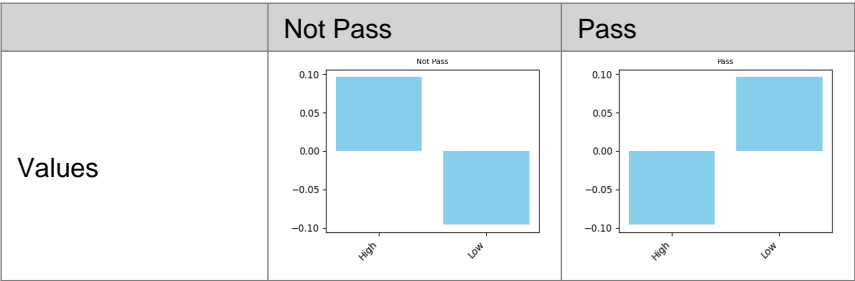
Socioeconomic_status

	capital_island
correlation	2.21%
suggested_proxy	✗

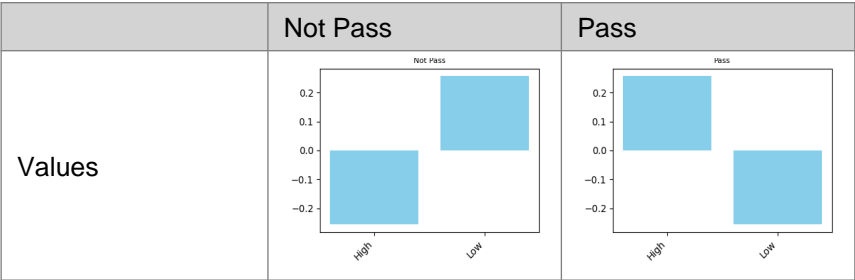
Detection

Metrics

StatisticalParityDifference



ConditionedDemographicDisparity



DisparateImpact

	Not Pass	Pass												
Values	<div><div>Not Pass</div><table><tr><th>Category</th><th>Value</th></tr><tr><td>High</td><td>1.4</td></tr><tr><td>Low</td><td>0.7</td></tr></table></div>	Category	Value	High	1.4	Low	0.7	<div><div>Pass</div><table><tr><th>Category</th><th>Value</th></tr><tr><td>High</td><td>0.9</td></tr><tr><td>Low</td><td>1.1</td></tr></table></div>	Category	Value	High	0.9	Low	1.1
Category	Value													
High	1.4													
Low	0.7													
Category	Value													
High	0.9													
Low	1.1													

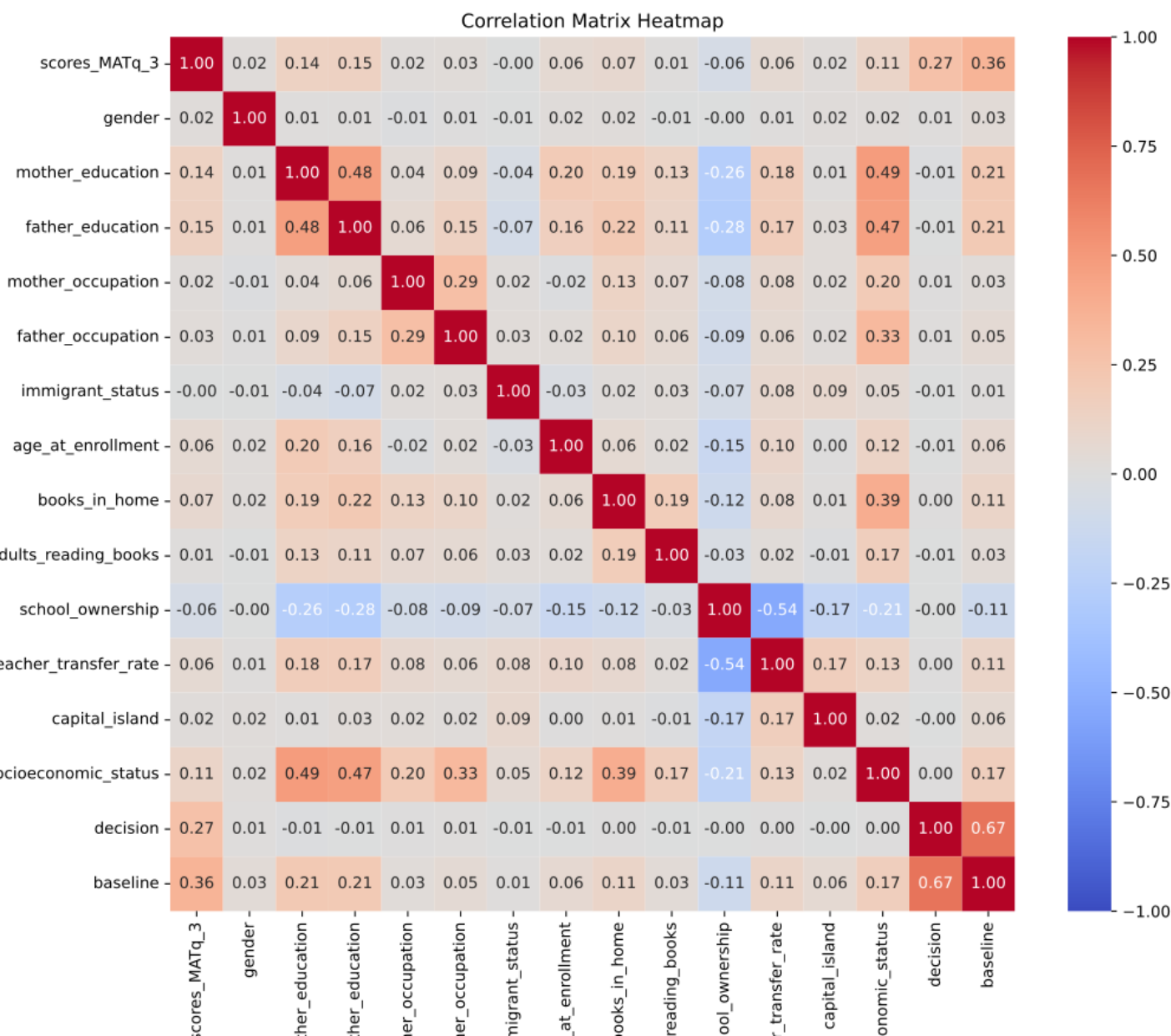
Model Mitigation

Inprocessing

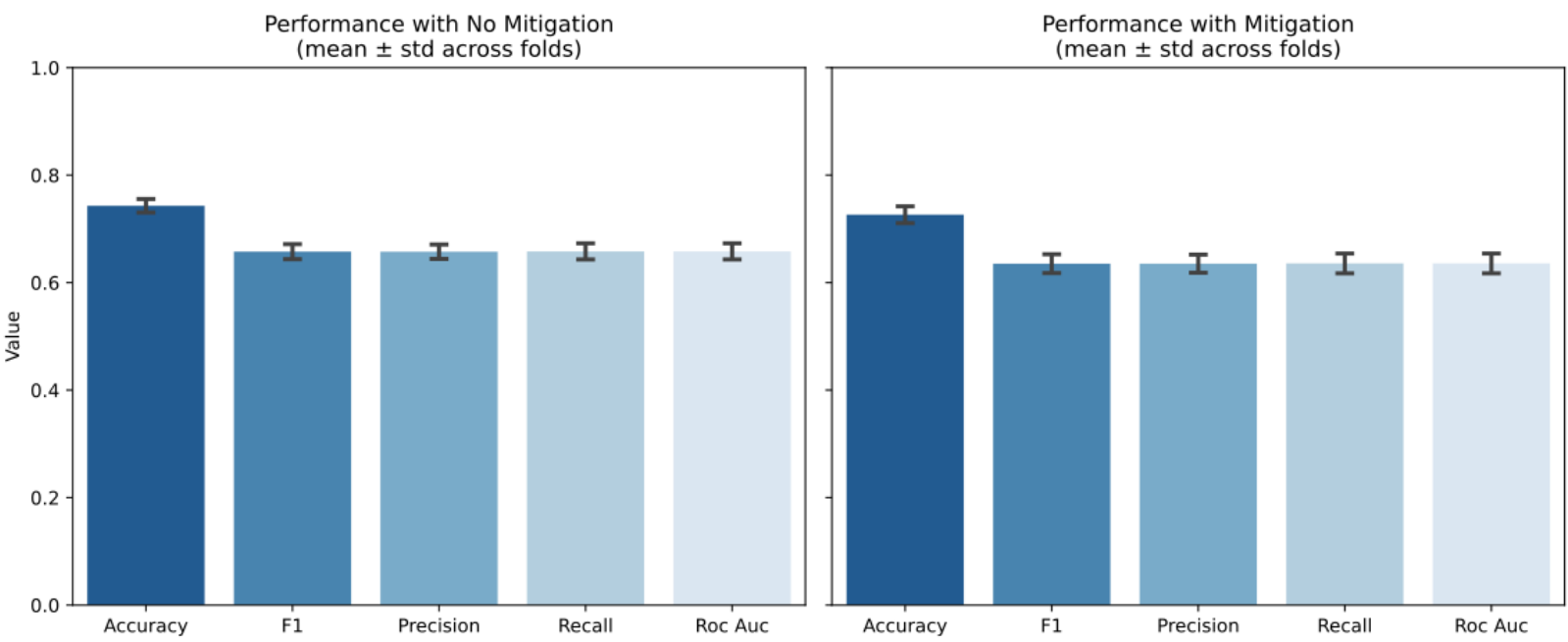
\$algorithm	fairness_mechanism
ContributionBasedClassifier	residualization

Model Mitigation Results

Correlation Matrix

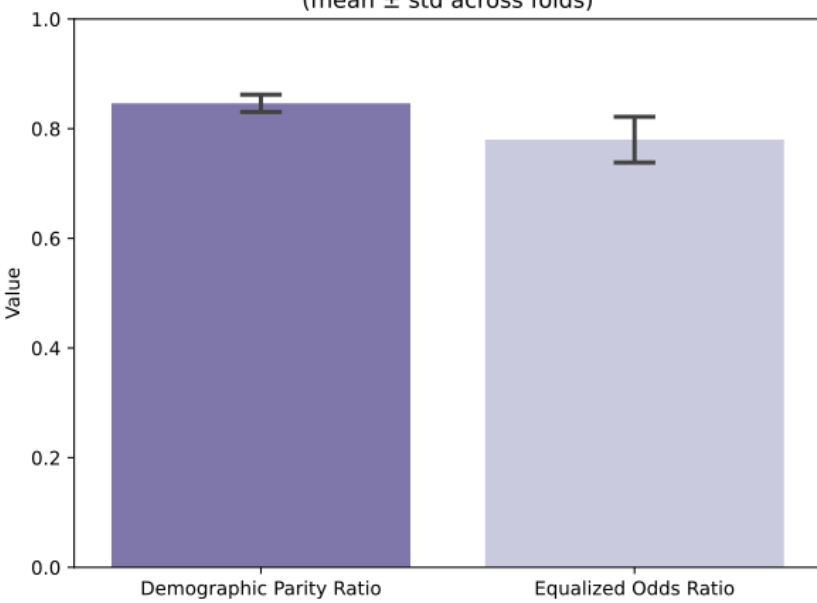


Performance Plot

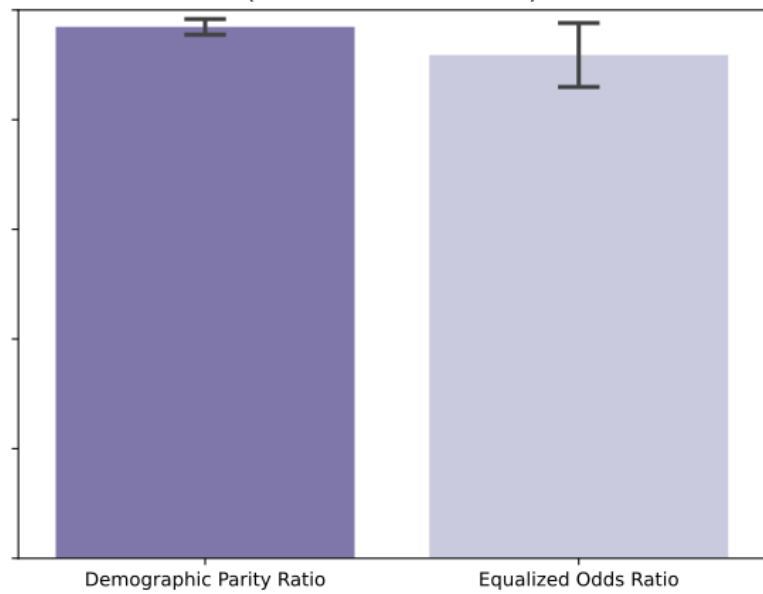


Fairness Plot

Fairness with No Mitigation
(mean \pm std across folds)



Fairness with Mitigation
(mean \pm std across folds)



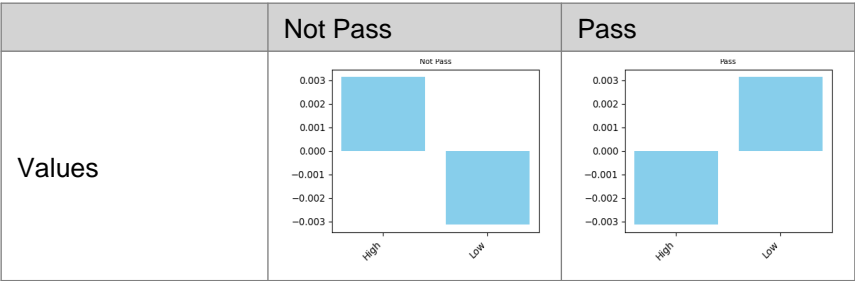
Predictions Head

scores_M ATq_3	gender	mother_e ducation	father_ed ucation	mother_o ccupation	father_oc cupation	immigran t_status	age_at_e nrollment	books_in _home	adults_re ading_bo oks	school_o wnership	teacher_t ransfer_r ate	capital_is land	socioeco nomic_st atus	decision	baseline
Middle Range	Male	Secondary	No Ed.	Unemploy ed Not Looking	Unemploy ed Looking	Spain	< 3	< 11	< 11	Public	High	No	High	Not Pass	1
Middle Range	Male	Tertiary	Tertiary	Unemploy ed Not Looking	Retired	Spain	< 3	> 100	> 200	Public	Low	Yes	Low	Not Pass	1
Middle Range	Male	Primary	Primary	Retired	Unemploy ed Looking	Spain	3 - 4	11 - 50	11 - 50	Public	Low	Yes	High	Pass	3
Middle Range	Female	Tertiary	Tertiary	Unemploy ed Not Looking	Unemploy ed Not Looking	Spain	< 3	51 - 100	101 - 200	Private	Low	Yes	Low	Pass	4
Middle Range	Female	Tertiary	Tertiary	Retired	Retired	Spain	< 3	11 - 50	> 200	Public	Low	Yes	High	Pass	2
Lower Tail	Female	Secondary	Secondary	Unemploy ed Looking	Retired	Another Country	3 - 4	51 - 100	> 200	Public	High	Yes	High	Not Pass	1
Middle Range	Male	Primary	Primary	Retired	Unemploy ed Not Looking	Spain	< 3	51 - 100	11 - 50	Private	Low	Yes	Low	Pass	2
Lower Tail	Female	No Ed.	No Ed.	Retired	Unemploy ed Looking	Spain	< 3	11 - 50	> 200	Public	High	Yes	High	Pass	2
Middle Range	Male	Tertiary	Secondary	Unemploy ed Not Looking	Unemploy ed Not Looking	Spain	< 3	> 100	< 11	Private	Low	Yes	Low	Not Pass	1
Lower Tail	Female	Secondary	No Ed.	Retired	Unemploy ed Looking	Spain	< 3	11 - 50	> 200	Public	High	No	Low	Pass	1
Lower Tail	Male	Secondary	Primary	Retired	Unemploy ed Looking	Spain	< 3	51 - 100	11 - 50	Public	High	Yes	Low	Pass	1
Lower Tail	Male	Primary	Primary	Retired	Retired	Spain	3 - 4	< 11	11 - 50	Public	High	Yes	High	Pass	1
Middle Range	Female	Primary	Primary	Unemploy ed Looking	Unemploy ed Looking	Spain	< 3	< 11	> 200	Public	High	Yes	High	Pass	1

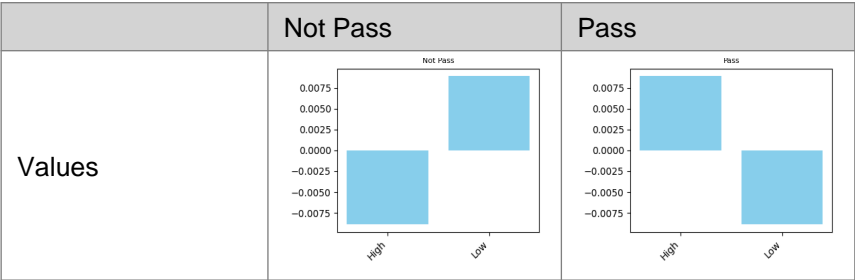
Middle Range	Male	Tertiary	Tertiary	Retired	Retired	Spain	< 3	< 11	11 - 50	Private	Low	Yes	High	Pass	4
Lower Tail	Female	Tertiary	Secondary	Unemploy ed Not Looking	Retired	Spain	< 3	11 - 50	101 - 200	Public	Low	Yes	Low	Pass	3
Middle Range	Male	Tertiary	Tertiary	Unemploy ed Not Looking	Retired	Spain	< 3	> 100	> 200	Private	Low	Yes	Low	Pass	4
Middle Range	Male	Tertiary	Secondary	Retired	Retired	Spain	< 3	> 100	101 - 200	Public	High	Yes	Low	Pass	3
Lower Tail	Female	Tertiary	No Ed.	Retired	Retired	Spain	3 - 4	51 - 100	> 200	Public	High	Yes	High	Not Pass	1
Middle Range	Female	Tertiary	Primary	Wage Em ployment	Retired	Spain	< 3	11 - 50	> 200	Public	High	Yes	High	Not Pass	1
Middle Range	Female	Tertiary	Tertiary	Unemploy ed Not Looking	Unemploy ed Not Looking	Spain	< 3	> 100	> 200	Private	Low	Yes	Low	Pass	4
Middle Range	Male	Tertiary	Tertiary	Retired	Retired	Another Country	< 3	51 - 100	101 - 200	Public	Low	No	High	Pass	4
Middle Range	Female	Primary	Secondary	Unemploy ed Not Looking	Retired	Spain	< 3	11 - 50	11 - 50	Public	High	Yes	Low	Pass	2
Middle Range	Male	No Ed.	No Ed.	Unemploy ed Looking	Retired	Spain	3 - 4	11 - 50	> 200	Public	High	Yes	High	Pass	3
Lower Tail	Female	Secondary	Secondary	Retired	Retired	Spain	< 3	11 - 50	11 - 50	Public	Low	Yes	High	Not Pass	1
Lower Tail	Male	Primary	No Ed.	Unemploy ed Looking	Retired	Spain	< 3	< 11	11 - 50	Public	High	Yes	High	Not Pass	1
Middle Range	Male	Tertiary	Tertiary	Unemploy ed Not Looking	Unemploy ed Not Looking	Spain	< 3	51 - 100	> 200	Public	High	Yes	Low	Pass	4
Middle Range	Female	No Ed.	Primary	Unemploy ed Looking	Retired	Spain	3 - 4	< 11	11 - 50	Public	High	Yes	High	Pass	1
Middle Range	Male	Tertiary	Tertiary	Unemploy ed Not Looking	Unemploy ed Not Looking	Spain	< 3	> 100	> 200	Public	High	Yes	Low	Not Pass	1
Middle Range	Female	Tertiary	Tertiary	Unemploy ed Not Looking	Unemploy ed Not Looking	Another Country	< 3	> 100	> 200	Public	High	Yes	Low	Pass	4
Middle Range	Female	Primary	Primary	Unemploy ed Looking	Retired	Spain	3 - 4	> 100	> 200	Public	High	Yes	Low	Pass	2

Metrics

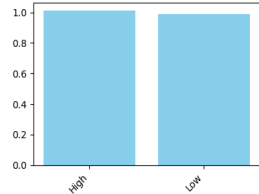
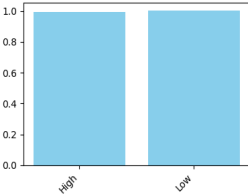
StatisticalParityDifference



ConditionedDemographicDisparity

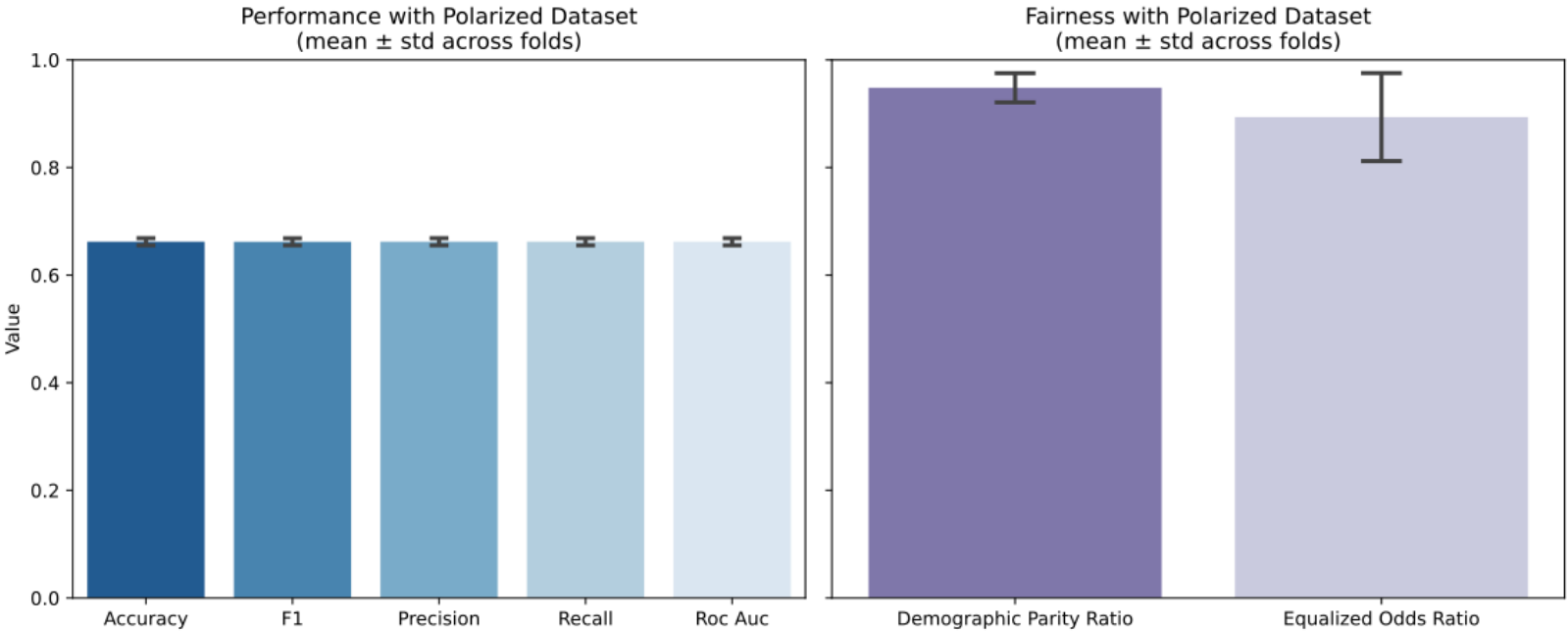


DisparateImpact

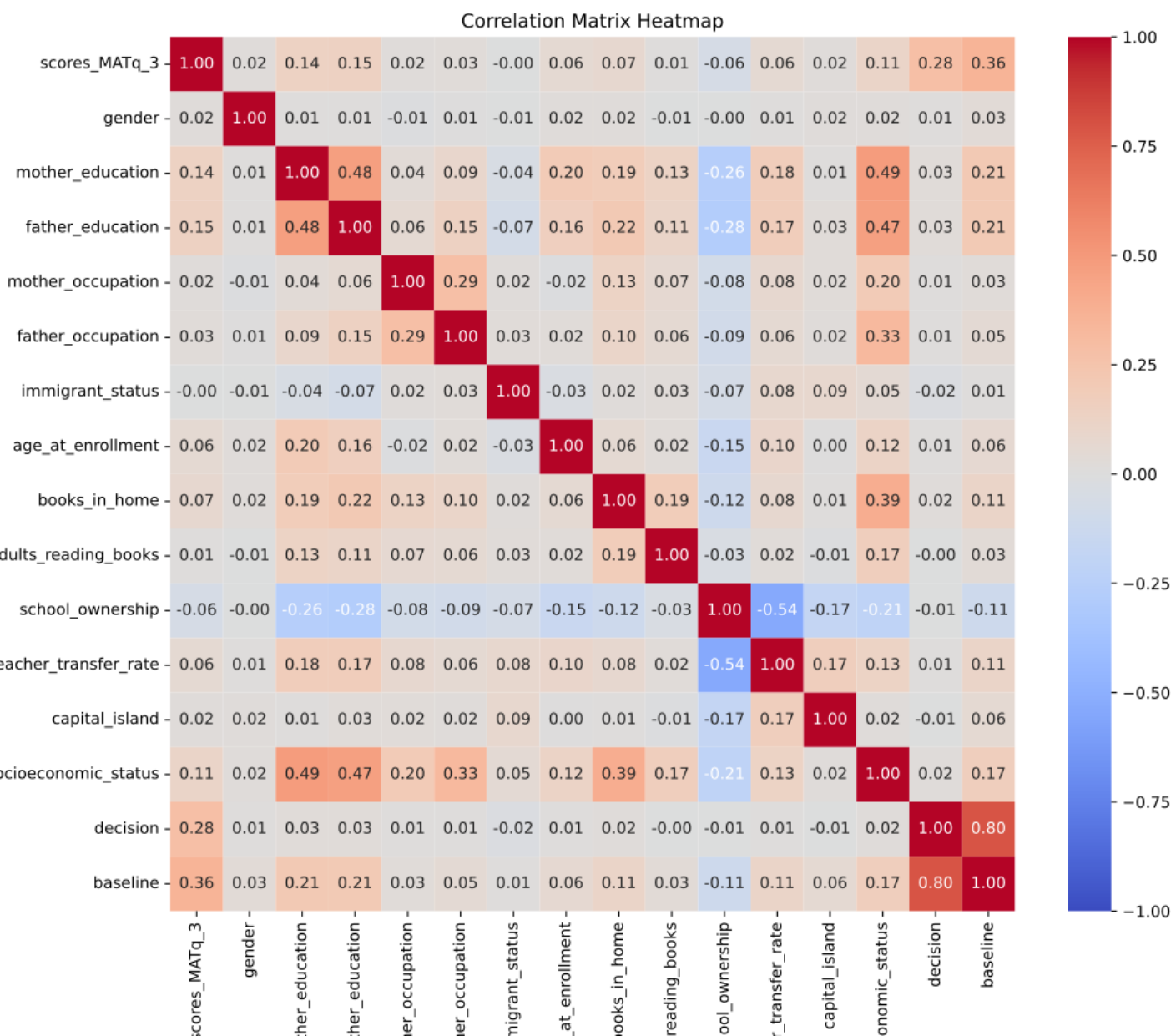
	Not Pass	Pass												
Values	<div><div>Not Pass</div><table><tr><th>Category</th><th>Value</th></tr><tr><td>High</td><td>1.0</td></tr><tr><td>Low</td><td>1.0</td></tr></table></div>	Category	Value	High	1.0	Low	1.0	<div><div>Pass</div><table><tr><th>Category</th><th>Value</th></tr><tr><td>High</td><td>1.0</td></tr><tr><td>Low</td><td>1.0</td></tr></table></div>	Category	Value	High	1.0	Low	1.0
Category	Value													
High	1.0													
Low	1.0													
Category	Value													
High	1.0													
Low	1.0													

Stress Test Results 1 (Test-UllHigh)

Polarization Plot



Correlation Matrix



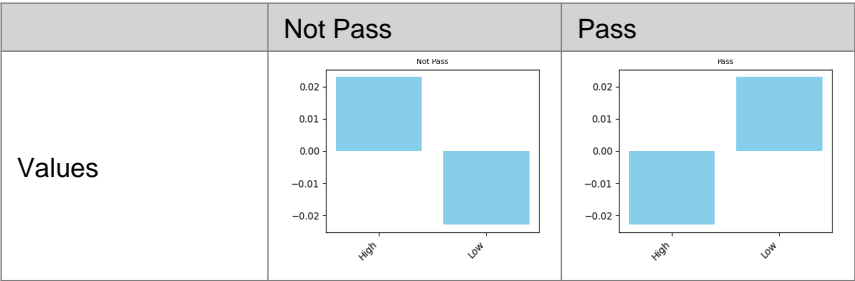
Predictions Head

scores_M ATq_3	gender	mother_e ducation	father_ed ucation	mother_o ccupation	father_oc cupation	immigran t_status	age_at_e nrollment	books_in _home	adults_re ading_bo oks	school_o wnership	teacher_t ransfer_r ate	capital_is land	socioeco nomic_st atus	decision	baseline
Middle Range	Male	Secondary	No Ed.	Unemploy ed Not Looking	Unemploy ed Looking	Spain	< 3	< 11	< 11	Public	High	No	High	Not Pass	1
Middle Range	Male	Tertiary	Tertiary	Unemploy ed Not Looking	Retired	Spain	< 3	> 100	> 200	Public	Low	Yes	Low	Not Pass	1
Middle Range	Male	Primary	Primary	Retired	Unemploy ed Looking	Spain	3 - 4	11 - 50	11 - 50	Public	Low	Yes	High	Pass	3
Middle Range	Female	Tertiary	Tertiary	Unemploy ed Not Looking	Unemploy ed Not Looking	Spain	< 3	51 - 100	101 - 200	Private	Low	Yes	Low	Pass	4
Middle Range	Female	Tertiary	Tertiary	Retired	Retired	Spain	< 3	11 - 50	> 200	Public	Low	Yes	High	Not Pass	2
Lower Tail	Female	Secondary	Secondary	Unemploy ed Looking	Retired	Another Country	3 - 4	51 - 100	> 200	Public	High	Yes	High	Not Pass	1
Middle Range	Male	Primary	Primary	Retired	Unemploy ed Not Looking	Spain	< 3	51 - 100	11 - 50	Private	Low	Yes	Low	Not Pass	2
Lower Tail	Female	No Ed.	No Ed.	Retired	Unemploy ed Looking	Spain	< 3	11 - 50	> 200	Public	High	Yes	High	Not Pass	2
Middle Range	Male	Tertiary	Secondary	Unemploy ed Not Looking	Unemploy ed Not Looking	Spain	< 3	> 100	< 11	Private	Low	Yes	Low	Not Pass	1
Lower Tail	Female	Secondary	No Ed.	Retired	Unemploy ed Looking	Spain	< 3	11 - 50	> 200	Public	High	No	Low	Not Pass	1
Lower Tail	Male	Secondary	Primary	Retired	Unemploy ed Looking	Spain	< 3	51 - 100	11 - 50	Public	High	Yes	Low	Not Pass	1
Lower Tail	Male	Primary	Primary	Retired	Retired	Spain	3 - 4	< 11	11 - 50	Public	High	Yes	High	Not Pass	1
Middle Range	Female	Primary	Primary	Unemploy ed Looking	Unemploy ed Looking	Spain	< 3	< 11	> 200	Public	High	Yes	High	Not Pass	1

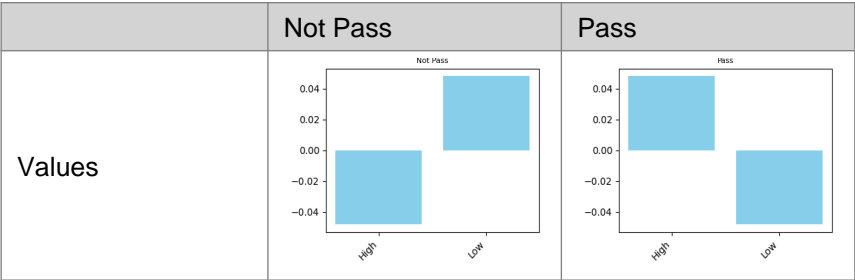
Middle Range	Male	Tertiary	Tertiary	Retired	Retired	Spain	< 3	< 11	11 - 50	Private	Low	Yes	High	Pass	4
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Middle Range	Male	Tertiary	Tertiary	Unemploy ed Not Looking	Retired	Spain	< 3	> 100	> 200	Private	Low	Yes	Low	Pass	4
Middle Range	Male	Tertiary	Secondary	Retired	Retired	Spain	< 3	> 100	101 - 200	Public	High	Yes	Low	Pass	3
Lower Tail	Female	Tertiary	No Ed.	Retired	Retired	Spain	3 - 4	51 - 100	> 200	Public	High	Yes	High	Not Pass	1
Middle Range	Female	Tertiary	Primary	Wage Em ployment	Retired	Spain	< 3	11 - 50	> 200	Public	High	Yes	High	Not Pass	1
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Middle Range	Female	Primary	Secondary	Unemploy ed Not Looking	Retired	Spain	< 3	11 - 50	11 - 50	Public	High	Yes	Low	Not Pass	2
Middle Range	Male	No Ed.	No Ed.	Unemploy ed Looking	Retired	Spain	3 - 4	11 - 50	> 200	Public	High	Yes	High	Pass	3
Lower Tail	Female	Secondary	Secondary	Retired	Retired	Spain	< 3	11 - 50	11 - 50	Public	Low	Yes	High	Not Pass	1
Lower Tail	Male	Primary	No Ed.	Unemploy ed Looking	Retired	Spain	< 3	< 11	11 - 50	Public	High	Yes	High	Not Pass	1
Middle Range	Male	Tertiary	Tertiary	Unemploy ed Not Looking	Unemploy ed Not Looking	Spain	< 3	51 - 100	> 200	Public	High	Yes	Low	Pass	4
Middle Range	Female	No Ed.	Primary	Unemploy ed Looking	Retired	Spain	3 - 4	< 11	11 - 50	Public	High	Yes	High	Not Pass	1
Middle Range	Male	Tertiary	Tertiary	Unemploy ed Not Looking	Unemploy ed Not Looking	Spain	< 3	> 100	> 200	Public	High	Yes	Low	Not Pass	1
Middle Range	Female	Tertiary	Tertiary	Unemploy ed Not Looking	Unemploy ed Not Looking	Another Country	< 3	> 100	> 200	Public	High	Yes	Low	Pass	4
Middle Range	Female	Primary	Primary	Unemploy ed Looking	Retired	Spain	3 - 4	> 100	> 200	Public	High	Yes	Low	Not Pass	2

Metrics

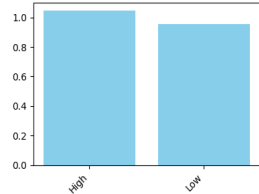
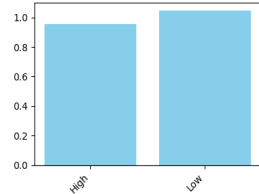
StatisticalParityDifference



ConditionedDemographicDisparity

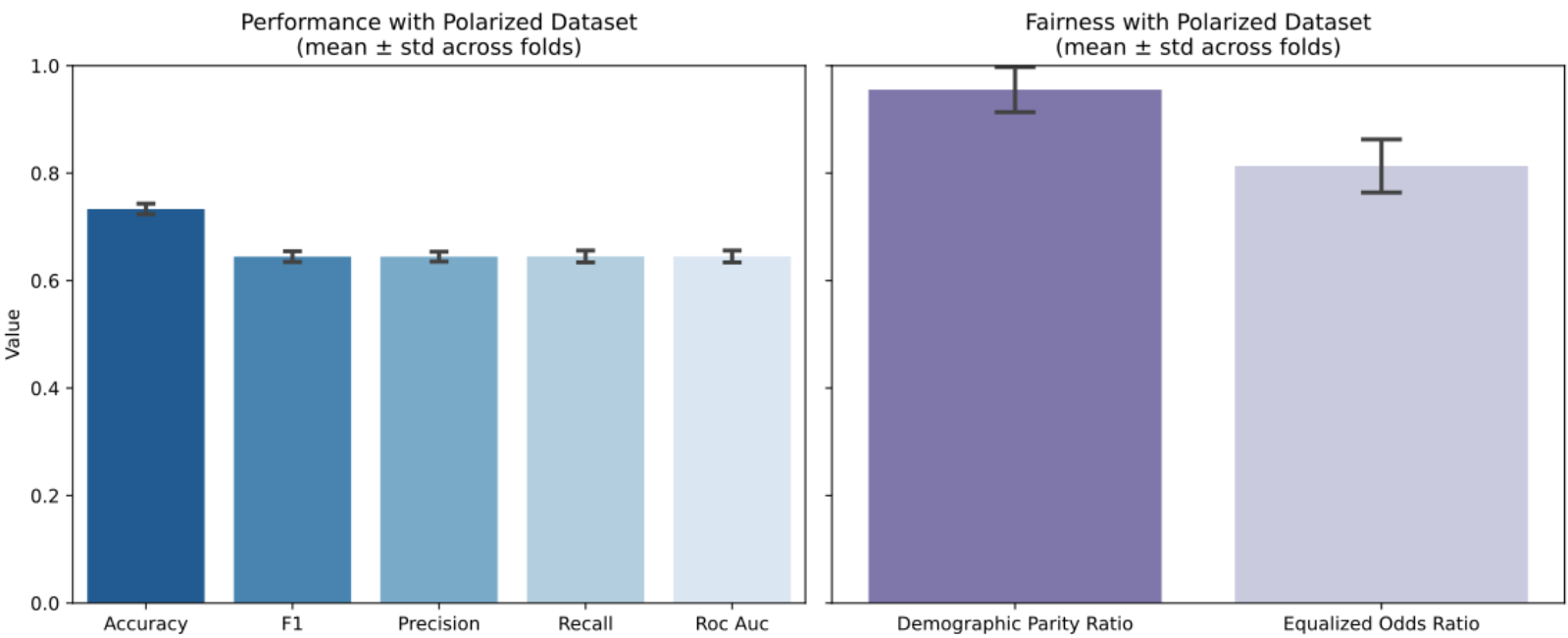


DisparateImpact

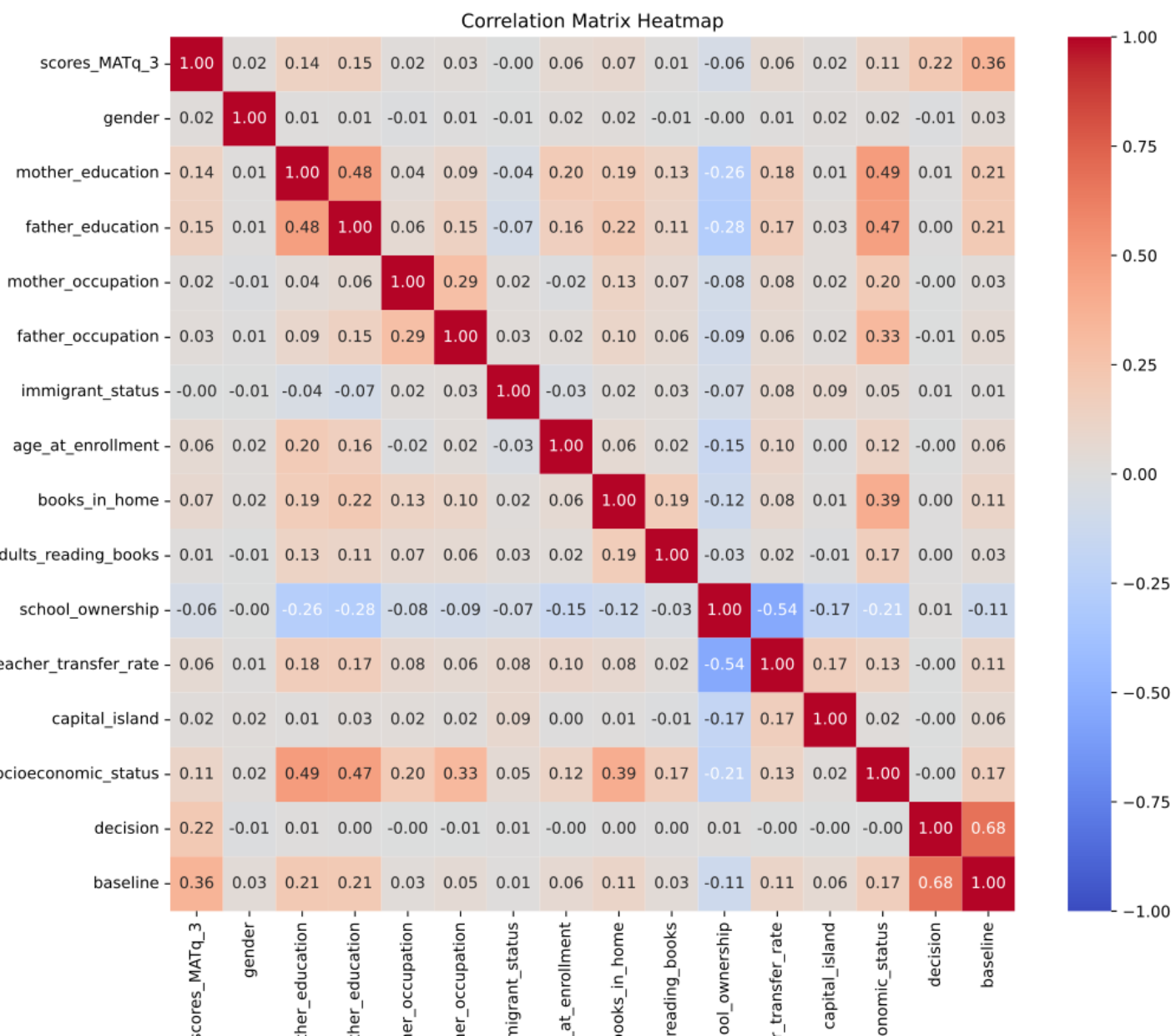
	Not Pass	Pass												
Values	<div><div>Not Pass</div><table><tr><th>Category</th><th>Value</th></tr><tr><td>High</td><td>1.0</td></tr><tr><td>Low</td><td>0.95</td></tr></table></div>	Category	Value	High	1.0	Low	0.95	<div><div>Pass</div><table><tr><th>Category</th><th>Value</th></tr><tr><td>High</td><td>0.95</td></tr><tr><td>Low</td><td>1.0</td></tr></table></div>	Category	Value	High	0.95	Low	1.0
Category	Value													
High	1.0													
Low	0.95													
Category	Value													
High	0.95													
Low	1.0													

Stress Test Results 2 (Test-UIExtreme)

Polarization Plot



Correlation Matrix



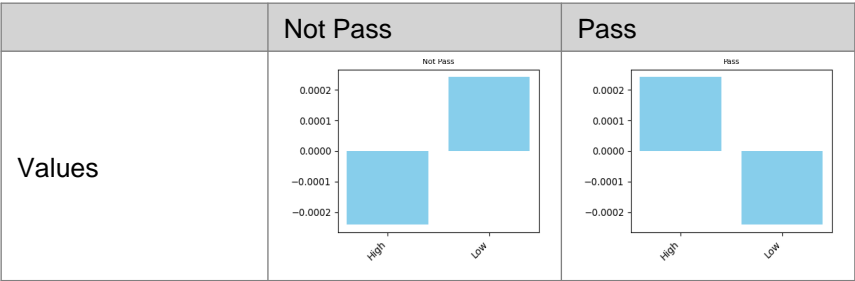
Predictions Head

scores_M ATq_3	gender	mother_e ducation	father_ed ucation	mother_o ccupation	father_oc cupation	immigran t_status	age_at_e nrollment	books_in _home	adults_re ading_bo oks	school_o wnership	teacher_t ransfer_r ate	capital_is land	socioeco nomic_st atus	decision	baseline
Middle Range	Male	Secondary	No Ed.	Unemploy ed Not Looking	Unemploy ed Looking	Spain	< 3	< 11	< 11	Public	High	No	High	Not Pass	1
Middle Range	Male	Tertiary	Tertiary	Unemploy ed Not Looking	Retired	Spain	< 3	> 100	> 200	Public	Low	Yes	Low	Not Pass	1
Middle Range	Male	Primary	Primary	Retired	Unemploy ed Looking	Spain	3 - 4	11 - 50	11 - 50	Public	Low	Yes	High	Not Pass	3
Middle Range	Female	Tertiary	Tertiary	Unemploy ed Not Looking	Unemploy ed Not Looking	Spain	< 3	51 - 100	101 - 200	Private	Low	Yes	Low	Not Pass	4
Middle Range	Female	Tertiary	Tertiary	Retired	Retired	Spain	< 3	11 - 50	> 200	Public	Low	Yes	High	Not Pass	2
Lower Tail	Female	Secondary	Secondary	Unemploy ed Looking	Retired	Another Country	3 - 4	51 - 100	> 200	Public	High	Yes	High	Not Pass	1
Middle Range	Male	Primary	Primary	Retired	Unemploy ed Not Looking	Spain	< 3	51 - 100	11 - 50	Private	Low	Yes	Low	Not Pass	2
Lower Tail	Female	No Ed.	No Ed.	Retired	Unemploy ed Looking	Spain	< 3	11 - 50	> 200	Public	High	Yes	High	Not Pass	2
Middle Range	Male	Tertiary	Secondary	Unemploy ed Not Looking	Unemploy ed Not Looking	Spain	< 3	> 100	< 11	Private	Low	Yes	Low	Not Pass	1
Lower Tail	Female	Secondary	No Ed.	Retired	Unemploy ed Looking	Spain	< 3	11 - 50	> 200	Public	High	No	Low	Not Pass	1
Lower Tail	Male	Secondary	Primary	Retired	Unemploy ed Looking	Spain	< 3	51 - 100	11 - 50	Public	High	Yes	Low	Not Pass	1
Lower Tail	Male	Primary	Primary	Retired	Retired	Spain	3 - 4	< 11	11 - 50	Public	High	Yes	High	Not Pass	1
Middle Range	Female	Primary	Primary	Unemploy ed Looking	Unemploy ed Looking	Spain	< 3	< 11	> 200	Public	High	Yes	High	Not Pass	1

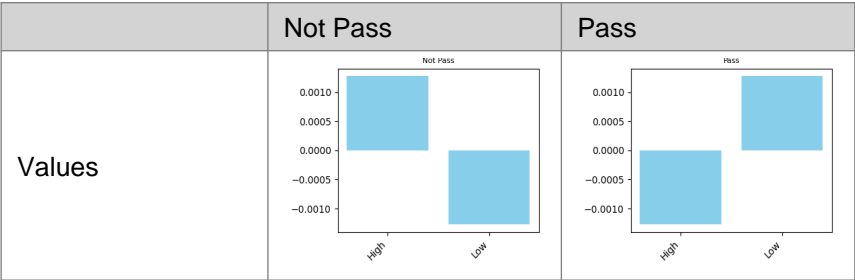
Middle Range	Male	Tertiary	Tertiary	Retired	Retired	Spain	< 3	< 11	11 - 50	Private	Low	Yes	High	Pass	4
Lower Tail	Female	Tertiary	Secondary	Unemploy ed Not Looking	Retired	Spain	< 3	11 - 50	101 - 200	Public	Low	Yes	Low	Not Pass	3
Middle Range	Male	Tertiary	Tertiary	Unemploy ed Not Looking	Retired	Spain	< 3	> 100	> 200	Private	Low	Yes	Low	Pass	4
Middle Range	Male	Tertiary	Secondary	Retired	Retired	Spain	< 3	> 100	101 - 200	Public	High	Yes	Low	Not Pass	3
Lower Tail	Female	Tertiary	No Ed.	Retired	Retired	Spain	3 - 4	51 - 100	> 200	Public	High	Yes	High	Not Pass	1
Middle Range	Female	Tertiary	Primary	Wage Em ployment	Retired	Spain	< 3	11 - 50	> 200	Public	High	Yes	High	Not Pass	1
Middle Range	Female	Tertiary	Tertiary	Unemploy ed Not Looking	Unemploy ed Not Looking	Spain	< 3	> 100	> 200	Private	Low	Yes	Low	Pass	4
Middle Range	Male	Tertiary	Tertiary	Retired	Retired	Another Country	< 3	51 - 100	101 - 200	Public	Low	No	High	Not Pass	4
Middle Range	Female	Primary	Secondary	Unemploy ed Not Looking	Retired	Spain	< 3	11 - 50	11 - 50	Public	High	Yes	Low	Not Pass	2
Middle Range	Male	No Ed.	No Ed.	Unemploy ed Looking	Retired	Spain	3 - 4	11 - 50	> 200	Public	High	Yes	High	Not Pass	3
Lower Tail	Female	Secondary	Secondary	Retired	Retired	Spain	< 3	11 - 50	11 - 50	Public	Low	Yes	High	Not Pass	1
Lower Tail	Male	Primary	No Ed.	Unemploy ed Looking	Retired	Spain	< 3	< 11	11 - 50	Public	High	Yes	High	Not Pass	1
Middle Range	Male	Tertiary	Tertiary	Unemploy ed Not Looking	Unemploy ed Not Looking	Spain	< 3	51 - 100	> 200	Public	High	Yes	Low	Not Pass	4
Middle Range	Female	No Ed.	Primary	Unemploy ed Looking	Retired	Spain	3 - 4	< 11	11 - 50	Public	High	Yes	High	Not Pass	1
Middle Range	Male	Tertiary	Tertiary	Unemploy ed Not Looking	Unemploy ed Not Looking	Spain	< 3	> 100	> 200	Public	High	Yes	Low	Not Pass	1
Middle Range	Female	Tertiary	Tertiary	Unemploy ed Not Looking	Unemploy ed Not Looking	Another Country	< 3	> 100	> 200	Public	High	Yes	Low	Pass	4
Middle Range	Female	Primary	Primary	Unemploy ed Looking	Retired	Spain	3 - 4	> 100	> 200	Public	High	Yes	Low	Not Pass	2

Metrics

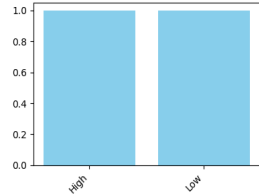
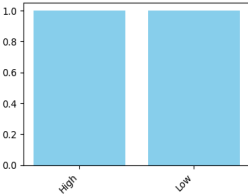
StatisticalParityDifference



ConditionedDemographicDisparity



DisparateImpact

	Not Pass	Pass												
Values	<div><p>NOT PASS</p><table><tr><th>Category</th><th>Value</th></tr><tr><td>High</td><td>1.0</td></tr><tr><td>Low</td><td>1.0</td></tr></table></div>	Category	Value	High	1.0	Low	1.0	<div><p>PASS</p><table><tr><th>Category</th><th>Value</th></tr><tr><td>High</td><td>1.0</td></tr><tr><td>Low</td><td>1.0</td></tr></table></div>	Category	Value	High	1.0	Low	1.0
Category	Value													
High	1.0													
Low	1.0													
Category	Value													
High	1.0													
Low	1.0													