**Table 4.** Per–group results (accuracy, recall, precision and approval-rate disaggregated by groups A and B) for the offline pipeline.

Variant	A Acc. (†)	B Acc. (↑) A	A Rec. (†)	B Rec. (†) A	Prec. (†)	B Prec. (↑) A	AppRate (↑)	B AppRate $(\uparrow)$
re	p = 0.5	lbl = 0.0	A supp	ort = 632	B supp	ort = 579		
none	0.935	0.967	0.954	0.830	0.942	0.976	0.630	0.147
reweight auto	0.932	0.957	0.939	0.870	0.951	0.879	0.614	0.171
reweight_manual_A0.5_B1.5	0.921	0.960	0.941	0.800	0.932	0.964	0.628	0.143
mitigator_demographic_parity	0.894	0.611	0.847	0.910	0.979	0.296	0.538	0.530
mitigator_equalized_odds	0.929	0.962	0.939	0.850	0.946	0.924	0.617	0.159
			l A cump					
		lbl = 0.4 0.954			0.941	0.636	0.718	0.055
none reweight auto	0.920 <b>0.922</b>	0.929	$0.948 \\ 0.948$	0.568 0.676	0.941	0.446	0.716	0.093
reweight_manual_A0.5_B1.5	0.906	0.954 0.383	0.938	0.595 0.838	0.930 <b>0.980</b>	0.629	0.719	0.058
mitigator_demographic_parity	0.846					0.078	0.581	0.658
mitigator_equalized_odds	0.909	0.944	0.918	0.568	0.953	0.538	0.687	0.064
re	p = 0.5	lbl = 0.5		ort = 644		ort = 576		
none	0.932	0.955	0.965	0.677	0.940	0.568	0.730	0.064
reweight_auto	0.904	0.960	0.891	0.581	0.971	0.643	0.652	0.049
reweight_manual_A0.5_B1.5	0.915	0.972	0.921	0.645	0.957	0.800	0.685	0.043
mitigator_demographic_parity	0.846	0.451	0.808	0.903	0.971	0.082	0.592	0.592
mitigator_equalized_odds	0.925	0.960	0.932	0.677	0.962	0.618	0.689	0.059
re	n — 0.5	lbl = 0.6	A supp	ort - 618	B supp	ort - 597		
none	0.896	0.940	0.928	0.267	0.928	0.364	0.718	0.037
reweight auto	0.906	0.925	0.948	0.567	0.923	0.347	0.738	0.082
reweight_manual_A0.5_B1.5	0.890	0.951	0.917	0.300	0.929	0.529	0.709	0.028
mitigator_demographic_parity	0.366	0.787	0.119	0.767	0.981	0.161	0.087	0.240
mitigator_equalized_odds	0.906	0.938	0.935	0.300	0.935	0.360	0.718	0.042
		lbl = 0.0						
none	0.917	0.949	0.925	0.816	0.933	0.873	0.585	0.156
reweight_auto	0.913	0.941	0.919	0.842	0.933	0.810	0.581	0.174
reweight_manual_A0.5_B1.5	0.926	0.947	0.952	0.829	0.925	0.851	0.607	0.163
mitigator_demographic_parity	0.913	0.596	0.914	0.921	0.937	0.282	0.576	0.545
mitigator_equalized_odds	0.925	0.947	0.947	0.842	0.927	0.842	0.603	0.167
re	p = 0.6	lbl = 0.4	A supp	ort = 771	B supp	ort = 463		
none	0.904	0.937	0.905	0.351	0.957	0.722	0.668	0.039
reweight auto	0.925	0.922	0.945	0.541	0.948	0.513	0.704	0.084
reweight manual A0.5 B1.5	0.909	0.942	0.919	0.432	0.951	0.727	0.684	0.048
mitigator_demographic_parity	0.917	0.335	0.949	0.946	0.935	0.103	0.717	0.737
mitigator_equalized_odds	0.925	0.933	0.960	0.595	0.936	0.579	0.725	0.082
		lbl = 0.5						
none	0.930	0.954	0.913	0.484	0.984	0.750	0.635	0.043
reweight_auto	0.929	0.948	0.917	0.484	0.978	0.652	0.642	0.050
reweight_manual_A0.5_B1.5	0.912	0.957	0.885	0.419	0.985	0.867	0.615	0.033
mitigator_demographic_parity	0.930	0.282	0.951	0.871	0.947	0.076	0.687	0.768
mitigator_equalized_odds	0.936	0.946	0.940	0.484	0.965	0.625	0.666	0.052
re	p = 0.6	lbl = 0.6	A supp	ort = 763	B supp	ort = 461		
none	0.933	0.946	0.970	0.450	0.941	0.391	0.754	0.050
reweight auto	0.928	0.920	0.970	0.450	0.934	0.257	0.759	0.076
reweight manual A0.5 B1.5	0.924	0.946	0.980	0.450	0.921	0.391	0.779	0.050
mitigator demographic parity	0.932	0.258	0.973	0.900	0.936	0.050	0.760	0.777
mitigator_equalized_odds	0.934	0.946	0.971	0.450	0.941	0.391	0.755	0.050
							0.100	0.000
		lbl = 0.0						
none	0.933	0.938	0.950	0.806	0.938	0.847	0.604	0.175
reweight auto								
	0.925	0.947	0.930	0.806	0.944	0.893	0.587	0.166
reweight_manual_A0.5_B1.5	0.927	0.944	$0.930 \\ 0.937$	0.806 0.806	0.944 0.941	0.877	0.594	0.169
reweight_manual_A0.5_B1.5 mitigator_demographic_parity	$0.927 \\ 0.930$	0.944 $0.571$	0.930 0.937 0.943	0.806 0.806 <b>0.935</b>	0.944 0.941 0.939	0.877 $0.291$	0.594 $0.598$	0.169 <b>0.589</b>
reweight_manual_A0.5_B1.5	0.927	0.944	$0.930 \\ 0.937$	0.806 0.806	0.944 0.941	0.877	0.594	0.169
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds	0.927 0.930 0.930	0.944 0.571 <b>0.947</b>	0.930 0.937 0.943 0.949	0.806 0.806 <b>0.935</b> 0.839	0.944 0.941 0.939 0.934	0.877 0.291 0.867	0.594 $0.598$	0.169 <b>0.589</b>
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds	$0.927$ $0.930$ $0.930$ $\mathbf{p} = 0.7$	0.944 0.571 <b>0.947</b>   lbl = <b>0.4</b>	0.930 0.937 0.943 0.949   <b>A supp</b>	0.806 0.806 <b>0.935</b> 0.839 ort = <b>890</b>	0.944 0.941 0.939 0.934   B supp	0.877 0.291 0.867 ort = <b>349</b>	0.594 0.598 <b>0.605</b>	0.169 <b>0.589</b> 0.178
$\begin{tabular}{ll} reweight\_manual\_A0.5\_B1.5 \\ mitigator\_demographic\_parity \\ mitigator\_equalized\_odds \\ \begin{tabular}{ll} reweight\_manual\_A0.5\_B1.5 \\ mitigator\_equalized\_odds \\ \end{tabular}$	$0.927$ $0.930$ $0.930$ $\mathbf{p} = 0.7$ $0.939$	0.944 0.571 <b>0.947</b>   <b>lbl</b> = <b>0.4</b> 0.943	0.930 0.937 0.943 0.949   <b>A</b> supp <b>0.965</b>	0.806 0.806 <b>0.935</b> 0.839 ort = <b>890</b> 0.633	0.944 0.941 0.939 0.934   <b>B</b> supp 0.949	0.877 0.291 0.867 ort = <b>349</b> 0.679	0.594 0.598 <b>0.605</b>	0.169 <b>0.589</b> 0.178
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds none reweight_auto	$0.927$ $0.930$ $0.930$ $\mathbf{p} = 0.7$	0.944 0.571 <b>0.947</b>   lbl = <b>0.4</b>	0.930 0.937 0.943 0.949   <b>A supp</b>	0.806 0.806 <b>0.935</b> 0.839 ort = <b>890</b>	0.944 0.941 0.939 0.934   B supp	0.877 0.291 0.867 ort = <b>349</b>	0.594 0.598 <b>0.605</b>	0.169 <b>0.589</b> 0.178
reweight manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds none reweight_auto reweight_manual_A0.5_B1.5	$0.927$ $0.930$ $0.930$ $\mathbf{p} = 0.7$ $0.939$ $0.939$	0.944 0.571 <b>0.947</b>   <b>lbl</b> = <b>0.4</b> 0.943 0.926 0.940	0.930 0.937 0.943 0.949   <b>A supp</b> <b>0.965</b> 0.955 0.960	0.806 0.806 <b>0.935</b> 0.839 <b>ort</b> = <b>890</b> 0.633 0.667 0.633	0.944 0.941 0.939 0.934   <b>B</b> supp 0.949 0.958	0.877 0.291 0.867 oort = <b>349</b> 0.679 0.556	0.594 0.598 <b>0.605</b> <b>0.709</b> 0.696	0.169 <b>0.589</b> 0.178 0.080 0.103 0.083
reweight manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity	$0.927$ $0.930$ $0.930$ $\mathbf{p} = 0.7$ $0.939$ $0.939$ $0.939$ $0.936$	0.944 0.571 <b>0.947</b>   <b>lbl</b> = <b>0.4</b> 0.943 0.926 0.940 0.384	0.930 0.937 0.943 0.949   <b>A supp</b> <b>0.965</b> 0.955	0.806 0.806 <b>0.935</b> 0.839 <b>ort</b> = <b>890</b> 0.633 0.667 0.633 <b>0.867</b>	0.944 0.941 0.939 0.934   <b>B supp</b> 0.949 0.958 0.949 0.950	0.877 0.291 0.867 <b>oort</b> = <b>349</b> 0.679 0.556 0.655 0.110	0.594 0.598 <b>0.605</b> <b>0.709</b> 0.696 0.706 0.703	0.169 <b>0.589</b> 0.178 0.080 0.103 0.083 <b>0.679</b>
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds	$0.927$ $0.930$ $0.930$ $\mathbf{p} = 0.7$ $0.939$ $0.939$ $0.936$ $0.936$ $0.938$	$\begin{array}{c} 0.944 \\ 0.571 \\ \textbf{0.947} \\   \ \textbf{lbl} = \textbf{0.4} \\ 0.943 \\ 0.926 \\ 0.940 \\ 0.384 \\ \textbf{0.946} \end{array}$	0.930 0.937 0.943 0.949   <b>A supp</b> <b>0.965</b> 0.955 0.960 0.958 0.953	0.806 0.806 0.935 0.839 ort = 890 0.633 0.667 0.633 0.867 0.633	0.944 0.941 0.939 0.934   <b>B supp</b> 0.949 0.958 0.949 0.950 0.958	0.877 0.291 0.867 <b>cort</b> = <b>349</b> 0.679 0.556 0.655 0.110 <b>0.704</b>	0.594 0.598 <b>0.605</b> <b>0.709</b> 0.696 0.706	0.169 <b>0.589</b> 0.178 0.080 0.103 0.083
reweight manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds	0.927 0.930 0.930 p = <b>0.7</b> <b>0.939</b> <b>0.936</b> 0.936 0.938 p = <b>0.7</b>	$\begin{array}{c} 0.944 \\ 0.571 \\ \textbf{0.947} \\   \ \textbf{lbl} = \textbf{0.4} \\ 0.943 \\ 0.926 \\ 0.940 \\ 0.384 \\ \textbf{0.946} \\   \ \textbf{lbl} = \textbf{0.5} \end{array}$	0.930 0.937 0.943 0.949   <b>A supp</b> <b>0.965</b> 0.955 0.960 0.958 0.953   <b>A supp</b>	0.806 0.806 0.935 0.839 ort = 890 0.633 0.667 0.633 0.867 0.633 ort = 887	0.944 0.941 0.939 0.934   <b>B supp</b> 0.949 0.958 0.949 0.950 0.958	0.877 0.291 0.867 ort = <b>349</b> 0.679 0.556 0.655 0.110 <b>0.704</b> ort = <b>360</b>	0.594 0.598 <b>0.605</b> <b>0.709</b> 0.696 0.706 0.703 0.694	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077
reweight manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none	0.927 $0.930$ $0.930$ $0.930$ $0.930$ $0.939$ $0.939$ $0.936$ $0.936$ $0.938$ $0.938$ $0.939$	$\begin{array}{c} 0.944 \\ 0.571 \\ 0.947 \\ \mid \mathbf{lbl} = 0.4 \\ 0.943 \\ 0.926 \\ 0.940 \\ 0.384 \\ 0.946 \\ \mid \mathbf{lbl} = 0.5 \\ 0.908 \end{array}$	0.930 0.937 0.943 0.949   <b>A supp</b> <b>0.965</b> 0.955 0.960 0.958 0.953   <b>A supp</b> <b>0.977</b>	0.806 0.806 0.935 0.839 ort = 890 0.633 0.667 0.633 0.867 0.633 ort = 887 0.588	0.944 0.941 0.939 0.934   <b>B supp</b> 0.949 0.958 0.949 0.950 0.958   <b>B supp</b> 0.942	0.877 0.291 0.867 oort = <b>349</b> 0.679 0.556 0.655 0.110 <b>0.704</b> oort = <b>360</b> 0.278	0.594 0.598 0.605 0.709 0.696 0.706 0.703 0.694	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077
reweight manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto	0.927 $0.930$ $0.930$ $p = 0.7$ $0.939$ $0.936$ $0.936$ $0.936$ $0.938$ $0.938$ $0.938$ $0.939$ $0.939$	$\begin{array}{c} 0.944 \\ 0.571 \\ 0.947 \\ \mid \mathbf{lbl} = 0.4 \\ 0.943 \\ 0.926 \\ 0.940 \\ 0.384 \\ 0.946 \\ \mid \mathbf{lbl} = 0.5 \\ 0.908 \\ 0.928 \\ \end{array}$	0.930 0.937 0.943 0.949   <b>A supp</b> <b>0.965</b> 0.955 0.960 0.958 0.953   <b>A supp</b> <b>0.977</b>	0.806 0.806 0.935 0.839 ort = 890 0.633 0.667 0.633 0.867 0.633 ort = 887 0.588 0.471	0.944 0.941 0.939 0.934   <b>B</b> supp 0.949 0.958 0.950 0.958   <b>B</b> supp 0.958	0.877 0.291 0.867 0.679 0.556 0.655 0.110 0.704 oort = 360 0.278 0.320	0.594 0.598 0.605 0.709 0.696 0.706 0.703 0.694 0.754 0.715	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077
reweight_manual_A0.5_B1.5 mitigator_equalized_odds none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds none reweight_auto reweight_auto reweight_manual_A0.5_B1.5	$\begin{array}{c} 0.927 \\ 0.930 \\ 0.930 \\ \end{array}$ $\begin{array}{c} \mathbf{p} = 0.7 \\ 0.939 \\ 0.936 \\ 0.936 \\ 0.938 \\ \end{array}$ $\begin{array}{c} 0.936 \\ 0.938 \\ \end{array}$ $\begin{array}{c} \mathbf{p} = 0.7 \\ 0.939 \\ 0.933 \\ 0.928 \\ \end{array}$	$\begin{array}{c} 0.944 \\ 0.571 \\ 0.947 \\   \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	0.930 0.937 0.943 0.949   <b>A supp</b> <b>0.965</b> 0.955 0.960 0.958 0.953   <b>A supp</b> <b>0.977</b> 0.946 0.938	0.806 0.806 0.935 0.839 ort = 890 0.633 0.667 0.633 0.867 0.633 ort = 887 0.588 0.471 0.529	0.944 0.941 0.939 0.934   <b>B</b> supp 0.949 0.958 0.949 0.955   <b>B</b> supp 0.956 0.952 0.962	0.877 0.291 0.867 oort = 349 0.679 0.556 0.655 0.110 0.704 oort = 360 0.278 0.320 0.450	0.594 0.598 0.605 0.709 0.696 0.706 0.703 0.694 0.754 0.715 0.709	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077 0.100 0.069 0.056
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mone reweight_auto reweight_auto reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity	$\begin{array}{c} 0.927 \\ 0.930 \\ 0.930 \\ \end{array}$ $\begin{array}{c} \mathbf{p} = 0.7 \\ 0.939 \\ 0.936 \\ 0.936 \\ 0.938 \\ \end{array}$ $\begin{array}{c} 0.936 \\ 0.938 \\ \mathbf{p} = 0.7 \\ 0.939 \\ 0.933 \\ 0.928 \\ 0.937 \end{array}$	$\begin{array}{c} 0.944 \\ 0.571 \\ \textbf{0.947} \\   \ \textbf{bl} = \textbf{0.4} \\ 0.943 \\ 0.926 \\ 0.940 \\ 0.384 \\ \textbf{0.946} \\   \ \textbf{lbl} = \textbf{0.5} \\ 0.908 \\ 0.928 \\ \textbf{0.947} \\ 0.192 \end{array}$	0.930 0.937 0.943 0.949   <b>A supp</b> <b>0.965</b> 0.955 0.960 0.958 0.953   <b>A supp</b> <b>0.977</b> 0.946 0.938	0.806 0.806 0.935 0.839 ort = 890 0.633 0.667 0.633 0.867 0.633 ort = 887 0.588 0.471 0.529 0.941	0.944 0.941 0.939 0.934   <b>B supp</b> 0.958 0.949 0.950 0.958   <b>B supp</b> 0.942 <b>0.962</b> 0.962	0.877 0.291 0.867 0.679 0.556 0.655 0.110 0.704 cort = 360 0.278 0.320 0.450 0.052	0.594 0.598 0.605 0.709 0.696 0.706 0.703 0.694 0.754 0.715 0.709 0.752	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077 0.100 0.069 0.056 0.850
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_equalized_odds  remeight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_edemographic_parity mitigator_edemographic_parity mitigator_equalized_odds	0.927 $0.930$ $0.930$ $p = 0.7$ $0.939$ $0.939$ $0.936$ $0.936$ $0.938$ $0.938$ $0.938$ $0.938$ $0.939$ $0.933$ $0.928$ $0.937$ $0.939$	$\begin{array}{c} 0.944 \\ 0.571 \\ \textbf{0.947} \\   \ \textbf{bl} = \textbf{0.4} \\ 0.943 \\ 0.926 \\ 0.940 \\ 0.384 \\ \textbf{0.946} \\   \ \textbf{bl} = \textbf{0.5} \\ 0.908 \\ 0.928 \\ 0.928 \\ 0.947 \\ 0.192 \\ 0.928 \end{array}$	0.930 0.937 0.943 0.949   <b>A supp</b> <b>0.965</b> 0.955 0.960 0.958 0.953   <b>A supp</b> <b>0.977</b> 0.946 0.938 0.974	$\begin{array}{c} 0.806 \\ 0.806 \\ 0.835 \\ 0.839 \\ \textbf{ort} = \textbf{890} \\ 0.633 \\ 0.667 \\ 0.633 \\ 0.867 \\ 0.633 \\ \textbf{ort} = \textbf{887} \\ 0.588 \\ 0.471 \\ 0.529 \\ \textbf{0.941} \\ 0.588 \end{array}$	0.944 0.941 0.939 0.934   <b>B</b> supp 0.949 0.958 0.949 0.958   <b>B</b> supp 0.942 0.962 0.962 0.962	0.877 0.291 0.867 0.679 0.556 0.655 0.110 0.704 cort = 360 0.278 0.320 0.450 0.052	0.594 0.598 0.605 0.709 0.696 0.706 0.703 0.694 0.754 0.715 0.709	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077 0.100 0.069 0.056
reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds	0.927 0.930 0.930 p = 0.7 0.939 0.936 0.936 0.938 p = 0.7 0.939 0.939 0.939 0.939 0.939 0.939 0.939 0.939	$\begin{array}{c} 0.944 \\ 0.571 \\ 0.947 \\   \ \mathbf{lbl} = 0.4 \\ 0.943 \\ 0.926 \\ 0.940 \\ 0.384 \\ 0.946 \\   \ \mathbf{lbl} = 0.5 \\ 0.908 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\   \ \mathbf{lbl} = 0.6 \\ \end{array}$	0.930 0.937 0.943 0.949   <b>A supp</b> <b>0.965</b> 0.955 0.956 0.953   <b>A supp</b> <b>0.977</b> 0.946 0.938 0.974 0.974	$\begin{array}{c} 0.806 \\ 0.806 \\ 0.895 \\ 0.839 \\ \text{ort} = 890 \\ 0.633 \\ 0.667 \\ 0.633 \\ 0.867 \\ 0.633 \\ 0.867 \\ 0.633 \\ 0.867 \\ 0.633 \\ 0.867 \\ 0.633 \\ \text{ort} = 887 \\ 0.588 \\ 0.471 \\ 0.529 \\ 0.941 \\ 0.588 \\ \text{ort} = 908 \\ or$	0.944 0.941 0.939 0.934   <b>B</b> supp 0.949 0.958 0.950 0.958   <b>B</b> supp 0.942 0.962 0.962 0.942 0.955   <b>B</b> supp	0.877 0.291 0.867 oort = 349 0.679 0.556 0.655 0.110 0.704 oort = 360 0.278 0.320 0.450 0.052 0.345 oort = 344	0.594 0.598 0.605 0.709 0.696 0.706 0.703 0.694 0.754 0.715 0.709 0.752 0.732	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077 0.100 0.069 0.056 0.850
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_edmographic_parity mitigator_equalized_odds  none reweight_auto reweight_auto reweight_auto reweight_odds  mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds	0.927 $0.930$ $0.930$ $p = 0.7$ $0.939$ $0.936$ $0.936$ $0.938$ $p = 0.7$ $0.939$ $0.939$ $0.939$ $0.939$ $0.939$ $0.939$	$\begin{array}{c} 0.944 \\ 0.571 \\ \textbf{0.947} \\ \textbf{0.947} \\ \textbf{0.943} \\ 0.926 \\ 0.946 \\ \textbf{0.946} \\ \textbf{0.946} \\ \textbf{0.910} \\ \textbf{0.928} \\ 0.9$	0.930 0.937 0.943 0.949   <b>A supp</b> <b>0.965</b> 0.955 0.955 0.953   <b>A supp</b> <b>0.977</b> 0.946 0.938 0.974 0.961   <b>A supp</b>	$\begin{array}{c} 0.806 \\ 0.806 \\ 0.895 \\ 0.839 \\ \textbf{ort} = \textbf{890} \\ 0.633 \\ 0.667 \\ 0.633 \\ \textbf{0.867} \\ 0.588 \\ 0.471 \\ 0.529 \\ 0.941 \\ 0.528 \\ \textbf{0.529} \\ \textbf{0.941} \\ 0.588 \\ 0.533 \\ \end{array}$	0.944 0.941 0.939 0.934   <b>B</b> supp 0.949 0.958 0.950 0.950 0.962 0.962 0.962 0.962 0.965   <b>B</b> supp 0.949 0.962 0.965 0.955 0.965	0.877 0.291 0.867 0.679 0.556 0.655 0.110 0.704 0.278 0.320 0.450 0.052 0.345 0.345 0.345	0.594 0.598 0.605 0.709 0.696 0.706 0.703 0.694 0.754 0.715 0.709 0.752 0.732	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081
reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto	0.927 0.930 0.930 0.930 0.939 0.936 0.936 0.936 0.938 0.938 0.928 0.937 0.939 0.939 0.939 0.931 0.931	0.944 0.571   <b>Ibl</b> = <b>0.4</b> 0.943 0.926 0.940 0.384 <b>0.946</b>   <b>Ibl</b> = <b>0.5</b> 0.908 0.928 <b>0.928</b> <b>0.928</b> <b>0.928</b> <b>0.946</b> 0.908 <b>0.928</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.946</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b> <b>0.958</b>	0.930 0.937 0.943 0.949   <b>A supp</b> <b>0.965</b> 0.955 0.958 0.953   <b>A supp</b> <b>0.977</b> 0.946 0.938 0.974 0.961   <b>A supp</b>	0.806 0.806 0.895 0.839 ort = 890 0.633 0.667 0.633 ort = 887 0.588 ort = 0.471 0.529 0.471 0.588 ort = 908	0.944 0.941 0.939 0.934   <b>B</b> supp 0.949 0.958 0.950 0.958   <b>B</b> supp 0.942 0.962 0.962 0.962 0.962 0.962 0.962 0.962 0.962 0.963 0.963 0.963 0.963 0.963 0.963 0.963 0.963 0.963 0.963 0.963 0.963 0.963 0.963 0.963 0.963 0.964 0.965	0.877 0.291 0.867 ort = 349 0.679 0.556 0.655 0.110 0.704 0.278 0.320 0.450 0.052 0.345 ort = 344 0.348 0.230	0.594 0.598 0.605 0.709 0.696 0.706 0.703 0.694 0.754 0.715 0.702 0.732 0.732	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_auto reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto	0.927 $0.930$ $0.930$ $0.930$ $0.939$ $0.939$ $0.936$ $0.938$ $0.938$ $0.938$ $0.938$ $0.939$ $0.939$ $0.939$ $0.939$ $0.939$ $0.928$ $0.939$ $0.909$ $0.909$ $0.909$ $0.909$ $0.909$ $0.909$	$\begin{array}{c} 0.944 \\ 0.571 \\ 0.947 \\ \end{array}$ $\begin{array}{c}   \ \mathbf{bb}   = 0.4 \\ 0.943 \\ 0.926 \\ 0.940 \\ 0.946 \\ 0.946 \\ \end{array}$ $\begin{array}{c} 0.946 \\ 0.946 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ \end{array}$ $\begin{array}{c}   \ \mathbf{bb}   = 0.5 \\ 0.928 \\ 0.928 \\ 0.928 \\ \end{array}$ $\begin{array}{c}   \ \mathbf{bb}   = 0.6 \\ 0.936 \\ 0.904 \\ 0.956 \\ \end{array}$	0.930 0.937 0.943 0.949   A supp 0.965 0.955 0.956 0.958 0.953   A supp 0.977 0.946 0.938 0.974 0.961   A supp 0.963 0.953	0.806 0.806 0.895 0.839 ort = 890 0.633 0.663 0.633 ort = 887 0.588 0.471 0.529 0.941 0.588 ort = 908 0.533 0.600	0.944 0.941 0.939 0.933 1 B supp 0.949 0.958 0.949 0.950 1 B supp 0.942 0.962 0.962 0.962 0.955 1 B supp 0.942 0.955	$\begin{array}{c} 0.877 \\ 0.291 \\ 0.867 \\ \text{out} = 349 \\ 0.679 \\ 0.556 \\ 0.100 \\ 0.655 \\ 0.110 \\ 0.704 \\ \text{out} = 360 \\ 0.278 \\ 0.320 \\ 0.052 \\ 0.345 \\ \text{out} = 344 \\ 0.348 \\ 0.250 \\ 0.500 \\ 0.500 \\ \end{array}$	0.594 0.598 0.696 0.709 0.696 0.703 0.694 0.715 0.709 0.752 0.732 0.744 0.757	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081
reweight_manual_A0.5_B1.5 mitigator_equalized_odds none reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds none reweight_manual_A0.5_B1.5 mitigator_equalized_odds none reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds reweight_manual_A0.5_B1.5 mitigator_equalized_odds reweight_manual_A0.5_B1.5 mitigator_equalized_odds reweight_manual_A0.5_B1.5 mone reweight_manual_A0.5_B1.5 mitigator_edweographic_parity	0.927 $0.930$ $0.930$ $p = 0.7$ $0.939$ $0.936$ $0.936$ $0.936$ $0.938$ $p = 0.7$ $0.939$ $0.933$ $0.923$ $0.933$ $0.923$ $0.939$ $0.939$ $0.939$ $0.939$	$\begin{array}{c} 0.944 \\ 0.571 \\ 0.947 \\ \end{array}$ $\begin{array}{c}   \mathbf{bl} = 0.4 \\ 0.943 \\ 0.946 \\ 0.946 \\ 0.946 \\ \end{array}$ $\begin{array}{c} 0.948 \\ 0.946 \\ 0.946 \\ 0.908 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.994 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0$	0.930 0.937 0.943 0.949   A supp 0.965 0.955 0.960 0.953   A supp 0.977 0.946 0.938 0.974 0.961   A supp 0.953	0.806 0.806 0.895 0.835 0.839 ort = 890 0.633 0.667 0.633 ort = 887 0.588 0.471 0.588 0.471 0.588 ort = 980 0.941 0.588 ort = 90 0.633	0.944 0.941 0.939 0.939 0.934   <b>B</b> supp 0.949 0.958 0.942 0.962 0.962 0.962 0.942 0.962 0.918 0.933 0.918	0.877 0.291 0.867 0.867 0.679 0.556 0.655 0.110 0.704 0.774 0.320 0.450 0.052 0.345 0.450 0.320 0.450 0.052 0.345	0.594 0.598 0.605 0.709 0.696 0.706 0.706 0.704 0.715 0.709 0.752 0.732 0.744 0.757 0.726	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_auto reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto	0.927 $0.930$ $0.930$ $0.930$ $0.939$ $0.939$ $0.936$ $0.938$ $0.938$ $0.938$ $0.938$ $0.939$ $0.939$ $0.939$ $0.939$ $0.939$ $0.928$ $0.939$ $0.909$ $0.909$ $0.909$ $0.909$ $0.909$ $0.909$	$\begin{array}{c} 0.944 \\ 0.571 \\ 0.947 \\ \end{array}$ $\begin{array}{c}   \ \mathbf{bb}   = 0.4 \\ 0.943 \\ 0.926 \\ 0.940 \\ 0.946 \\ 0.946 \\ \end{array}$ $\begin{array}{c} 0.946 \\ 0.946 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ \end{array}$ $\begin{array}{c}   \ \mathbf{bb}   = 0.5 \\ 0.928 \\ 0.928 \\ 0.928 \\ \end{array}$ $\begin{array}{c}   \ \mathbf{bb}   = 0.6 \\ 0.936 \\ 0.904 \\ 0.956 \\ \end{array}$	0.930 0.937 0.943 0.949   A supp 0.965 0.955 0.956 0.958 0.953   A supp 0.977 0.946 0.938 0.974 0.961   A supp 0.963 0.953	0.806 0.806 0.895 0.839 ort = 890 0.633 0.663 0.633 ort = 887 0.588 0.471 0.529 0.941 0.588 ort = 908 0.533 0.600	0.944 0.941 0.939 0.933 1 B supp 0.949 0.958 0.949 0.950 1 B supp 0.942 0.962 0.962 0.962 0.955 1 B supp 0.942 0.955	$\begin{array}{c} 0.877 \\ 0.291 \\ 0.867 \\ \text{out} = 349 \\ 0.679 \\ 0.556 \\ 0.100 \\ 0.655 \\ 0.110 \\ 0.704 \\ \text{out} = 360 \\ 0.278 \\ 0.320 \\ 0.052 \\ 0.345 \\ \text{out} = 344 \\ 0.348 \\ 0.250 \\ 0.500 \\ 0.500 \\ \end{array}$	0.594 0.598 0.696 0.709 0.696 0.703 0.694 0.715 0.709 0.752 0.732 0.744 0.757	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081
reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_edemographic_parity mitigator_edemographic_parity mitigator_equalized_odds	0.927 $0.930$ $0.930$ $p = 0.7$ $0.939$ $0.939$ $0.936$ $0.938$ $p = 0.7$ $0.939$ $0.933$ $0.928$ $0.937$ $0.939$ $0.939$ $0.928$ $0.937$ $0.999$ $0.912$ $0.909$ $0.912$ $0.909$ $0.912$ $0.909$	$\begin{array}{c} 0.944 \\ 0.571 \\ 0.947 \\ \end{array}$ $\begin{array}{c}   \mathbf{bl} = 0.4 \\ 0.943 \\ 0.946 \\ 0.946 \\ 0.946 \\ \end{array}$ $\begin{array}{c} 0.948 \\ 0.946 \\ 0.946 \\ 0.908 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.994 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0.904 \\ 0.936 \\ 0$	0.930 0.937 0.943 0.949   A supp 0.965 0.955 0.960 0.953   A supp 0.977 0.946 0.938 0.974 0.961   A supp 0.973 0.963	0.806 0.806 0.895 0.839 0.633 0.667 0.633 0.667 0.633 0.667 0.538 0.471 0.588 0.471 0.588 0.529 0.941 0.588 0.600 0.407 0.633	0.944 0.941 0.939 0.939 0.934   <b>B</b> supp 0.949 0.958 0.942 0.962 0.962 0.962 0.942 0.962 0.918 0.933 0.918 0.933 0.943 0.935	0.877 0.291 0.867 0.867 0.679 0.679 0.556 0.655 0.110 0.704 0.774 0.320 0.450 0.052 0.345 0.450 0.250 0.450 0.300 0.500 0.450 0.300 0.450 0.345	0.594 0.598 0.605 0.709 0.696 0.706 0.706 0.704 0.715 0.709 0.752 0.732 0.744 0.757 0.726	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081
reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_edemographic_parity mitigator_edemographic_parity mitigator_equalized_odds	0.927 $0.930$ $0.930$ $p = 0.7$ $0.939$ $0.939$ $0.936$ $0.938$ $p = 0.7$ $0.939$ $0.933$ $0.928$ $0.937$ $0.939$ $0.939$ $0.928$ $0.937$ $0.999$ $0.912$ $0.909$ $0.912$ $0.909$ $0.912$ $0.909$	$\begin{array}{c} 0.944 \\ 0.571 \\ 0.947 \\ \end{array}$ $  \ \  \  \  \  \  \  \  \  \  \  \  \  $	0.930 0.937 0.943 0.949   A supp 0.965 0.955 0.960 0.953   A supp 0.977 0.946 0.938 0.974 0.961   A supp 0.973 0.963	0.806 0.806 0.895 0.839 0.633 0.667 0.633 0.667 0.633 0.667 0.538 0.471 0.588 0.471 0.588 0.529 0.941 0.588 0.600 0.407 0.633	0.944 0.941 0.939 0.939 0.934   <b>B</b> supp 0.949 0.958 0.942 0.962 0.962 0.962 0.942 0.962 0.918 0.933 0.918 0.933 0.943 0.935	0.877 0.291 0.867 0.867 0.679 0.679 0.556 0.655 0.110 0.704 0.774 0.320 0.450 0.052 0.345 0.450 0.250 0.450 0.300 0.500 0.450 0.300 0.450 0.345	0.594 0.598 0.605 0.709 0.696 0.706 0.706 0.704 0.715 0.709 0.752 0.732 0.744 0.757 0.726	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_edmographic_parity mitigator_equalized_odds  reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto	0.927 $0.930$ $0.930$ $0.930$ $0.939$ $0.939$ $0.936$ $0.938$ $0.938$ $0.938$ $0.938$ $0.939$ $0.93$	$\begin{array}{c} 0.944\\ 0.571\\ 0.947\\ \end{array}$ $ \ \mathbf{bl}  = 0.4\\ 0.943\\ 0.926\\ 0.940\\ 0.384\\ 0.946\\ 0.998\\ 0.928\\ 0.928\\ 0.928\\ 0.998\\ 0.998\\ 0.909\\ 0.936\\ 0.904\\ 0.936\\ 0.904\\ 0.936\\ 0.904\\ 0.936\\ 0.936\\ 0.904\\ 0.956\\ 0.363\\ 0.936\\ 0.9$	0.930 0.937 0.943 0.949   A supp 0.965 0.955 0.960 0.958 0.953   A supp 0.977 0.946 0.938 0.974 0.961   A supp 0.965 0.953 0.960 0.938 0.974 0.961   A supp 0.965 0.960 0.938 0.974 0.961   A supp 0.963 0.964 0.964 0.965 0.966 0.958 0.977 0.966 0.966 0.967 0.966 0.968 0.977 0.966 0.967 0.966 0.968 0.978 0.978 0.961   A supp 0.965 0.966 0.966 0.968 0.978 0.978 0.961   A supp 0.965 0.966 0.966 0.966 0.966 0.966 0.966 0.966 0.966 0.978 0.978 0.966 0.968 0.966 0.968 0.	0.866 0.896 0.895 0.899 ort = 890 0.633 0.667 0.633 0.687 0.633 0.867 0.588 0.471 0.529 0.941 0.529 0.941 0.5060 0.508 0.509 0.960 0.509 0.960 0.503 0.600 0.607 0.667 0.533 ort = 1030	0.944 0.941 0.939 0.939 0.934   <b>B</b> supp 0.949 0.958 0.950 0.958   <b>B</b> supp 0.942 0.962 0.962 0.955   <b>B</b> supp 0.923 0.933 0.943 0.933 0.943 0.943	0.877 0.291 0.867 0.679 0.679 0.556 0.655 0.110 0.704 0.278 0.320 0.450 0.052 0.348 0.250 0.045 0.348 0.250 0.045 0.348	0.594 0.598 0.605 0.709 0.696 0.706 0.703 0.694 0.754 0.715 0.709 0.752 0.732 0.744 0.757 0.726 0.729 0.726	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.041 0.651 0.067
reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_auto reweight_auto reweight_auto	0.927 $0.930$ $0.930$ $p = 0.7$ $0.939$ $0.939$ $0.936$ $0.936$ $0.938$ $p = 0.7$ $0.939$ $0.933$ $0.928$ $0.937$ $0.939$ $p = 0.7$ $0.909$ $0.912$ $0.907$ $0.909$ $0.912$ $0.910$ $0.912$ $0.910$ $0.912$ $0.910$ $0.910$ $0.910$ $0.910$ $0.910$ $0.910$ $0.910$ $0.910$	$\begin{array}{c} 0.944\\ 0.571\\ 0.947\\ \end{array}$   $\mathbf{bb} = 0.4\\ 0.943\\ 0.926\\ 0.926\\ 0.940\\ 0.384\\ 0.946\\ \end{array}$   $\mathbf{bb} = 0.5\\ 0.928\\ 0.928\\ 0.928\\ 0.928\\ 0.928\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.994\\ 0.956\\ 0.994\\ 0.956\\ 0.994\\ 0.956\\ 0.994\\ 0.956\\ 0.994\\ 0.956\\ 0.994\\ 0.956\\ 0.998\\ 0.998\\ $	0.930 0.937 0.943 0.949   A supp 0.965 0.955 0.956 0.958 0.953   A supp 0.977 0.946 0.938 0.974 0.961   A supp 0.953 0.963 0.953 0.964   A supp 0.954 0.964 0.965 0.965 0.965 0.965 0.966	0.866 0.806 0.806 0.805 0.839 0.839 0.667 0.633 0.667 0.633 0.687 0.538 ort = 887 0.588 ort = 908 0.533 ort = 908 0.600 0.607 0.588 ort = 908 0.533 ort = 1030 0.607 0.508	0.944 0.941 0.939 0.939 0.939 0.939 0.949 0.958 0.949 0.958 0.962 0.962 0.962 0.962 0.992 0.993 0.918 0.933 0.933 0.943 0.935	0.877 0.291 0.867 0.867 0.679 0.679 0.679 0.679 0.110 0.704 0.278 0.320 0.450 0.052 0.345 0.348 0.250 0.500 0.504 0.348 0.250 0.503 0.504 0.348 0.250 0.505 0.348 0.250 0.500 0.500 0.500 0.501 0.348 0.500	0.594 0.598 0.605 0.709 0.696 0.706 0.703 0.694 0.754 0.759 0.752 0.752 0.757 0.726 0.726 0.726	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.041 0.651 0.067
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds  re none ree reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds  re none reweight_auto reweight_moneads_autoreweight_manual_A0.5_B1.5 mitigator_demographic_parity	0.927 $0.930$ $p = 0.7$ $0.930$ $p = 0.7$ $0.936$ $0.936$ $0.938$ $0.938$ $0.938$ $0.938$ $0.928$ $0.939$ $0.928$ $0.939$ $0.928$ $0.939$ $0.928$ $0.939$	0.944 0.571 0.947   bl = 0.4 0.943 0.926 0.940 0.384 0.906 0.908 0.908 0.928 0.928 0.928 0.936 0.936 0.936 0.908   bl = 0.5 0.936 0.936 0.936 0.940 0.944 0.940 0.940 0.940 0.940 0.940 0.940 0.940 0.940 0.940 0.944 0.940 0.940 0.940 0.940 0.944 0.940 0.940 0.940 0.944 0.940 0.940 0.944 0.940	0.930 0.937 0.943 0.943 0.949   A supp 0.965 0.955 0.955 0.958 0.953   A supp 0.977 0.946 0.938 0.974 0.961   A supp 0.953 0.940 0.962 0.962 0.962 0.962 0.963 0.939 0.940	0.806 0.806 0.805 0.839 0.839 0.633 0.667 0.633 0.667 0.588 0.471 0.588 0.471 0.529 0.941 0.529 0.944 0.533 ort = 908 0.533 ort = 908 0.533 ort = 908 0.818 0.818 0.795	0.944 0.941 0.941 0.939 0.934 0.949 0.949 0.958 0.949 0.950 0.952 0.962 0.962 0.962 0.962 0.962 0.963 0.933 0.933 0.935 0.938 0.938 0.938	0.877 0.291 0.867 0.867 0.679 0.679 0.556 0.655 0.110 0.704 0.278 0.320 0.450 0.052 0.345 0.071 0.250 0.500 0.348 0.348 0.250 0.500 0.348 0.348 0.348 0.250 0.500 0.450 0.500 0.450 0.500 0.450 0.500 0.450 0.500 0.450 0.500 0.450 0.500 0.450 0.500 0.450 0.500 0.450 0.500 0.450 0.500 0.450 0.500 0.450 0.500 0.450 0.500 0.450 0.500	0.594 0.598 0.605  0.709 0.696 0.706 0.706 0.706 0.705 0.794 0.715 0.792 0.744 0.715 0.726 0.726 0.726 0.726 0.589 0.578	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.041 0.651 0.067 0.185 0.185 0.181
reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_auto reweight_auto reweight_auto	0.927 0.930 0.930 p = 0.7 0.939 0.936 0.936 0.936 0.938 p = 0.7 0.939 0.933 0.937 0.939 p = 0.7 0.909 0.912 0.910 0.911 0.920 0.911 0.914	$\begin{array}{c} 0.944\\ 0.571\\ 0.947\\ \end{array}$   $\mathbf{bb} = 0.4\\ 0.943\\ 0.926\\ 0.940\\ 0.384\\ 0.946\\ \end{array}$   $\mathbf{bb} = 0.5\\ 0.928\\ 0.928\\ 0.928\\ 0.992\\ 0.928\\ \end{bmatrix}$   $\mathbf{bb} = 0.6\\ 0.908\\ 0.908\\ 0.936\\ 0.936\\ 0.936\\ 0.940\\ 0.940\\ 0.944\\ 0.940\\ 0.9$	0.930 0.937 0.949   <b>A supp</b> 0.955 0.955 0.958 0.958 0.958 0.977 0.946 0.974 0.961   <b>A supp</b> 0.953 0.953 0.953 0.953 0.953 0.953 0.954 0.953	0.866 0.806 0.806 0.805 0.839 0.839 0.667 0.633 0.667 0.638 ort = 887 0.588 0.471 0.529 0.941 0.588 0.600 0.467 0.533 0.600 0.467 0.533 0.600 0.667 0.533 0.600 0.818 0.818 0.818	0.944 0.941 0.939 0.934   B supp 0.949 0.958 0.949 0.950 0.950 0.952   B supp 0.942 0.962 0.942 0.965   B supp 0.923 0.918 0.933 0.943 0.935   B supp 0.930	0.877 0.291 0.867 0.867 0.679 0.679 0.556 0.655 0.110 0.704 0.704 0.278 0.320 0.450 0.052 0.345 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.500 0.878 0.897	0.594 0.598 0.605 0.709 0.696 0.706 0.706 0.705 0.715 0.702 0.732 0.744 0.757 0.726 0.729 0.726 0.729 0.589 0.589	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.067 0.105 0.067
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_auto reweight_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds	$\begin{array}{c} 0.927 \\ 0.930 \\ p = 0.7 \\ 0.939 \\ 0.936 \\ 0.938 \\ p = 0.7 \\ 0.938 \\ p = 0.7 \\ 0.933 \\ 0.928 \\ 0.937 \\ 0.939 \\ p = 0.7 \\ 0.909 \\ 0.912 \\ 0.907 \\ 0.912 \\ 0.907 \\ 0.910 \\ 0.910 \\ 0.910 \\ 0.911 \\ 0.920 \\ 0.916 \\$	$\begin{array}{c} 0.944 \\ 0.571 \\ 0.947 \\ \end{array}$ $\begin{array}{c}   \ \mathbf{bl}   = 0.4 \\ 0.943 \\ 0.926 \\ 0.940 \\ 0.384 \\ 0.946 \\ 0.998 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.936 \\ 0.946 \\ 0.936 \\ 0.936 \\ 0.940 \\ 0.940 \\ 0.944 \\ 0.944 \\ 0.940 \\ 0.944 \\ 0.94$	0.930 0.937 0.943 0.943 0.943 0.949 0.965 0.955 0.955 0.953 0.953 0.940 0.926 0.924 0.924	0.866 0.935 0.839 0.633 0.633 0.667 0.633 0.667 0.538 0.471 0.529 0.941 0.588 ort = 908 0.533 0.600 0.467 0.588 ort = 1030 0.818 0.818 0.795 0.818	0.944 0.941 0.999 0.939 0.934   B supp 0.949 0.958 0.949 0.950 0.958 0.962 0.962 0.962 0.962 0.962 0.963 0.933 0.933 0.935   B supp 0.923 0.933 0.933 0.933	0.877 0.291 0.867 0.867 0.679 0.679 0.556 0.655 0.110 0.704 0.278 0.320 0.450 0.052 0.345 0.052 0.345 0.052 0.345 0.050 0.052 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348	0.594 0.598 0.605  0.709 0.696 0.706 0.706 0.706 0.705 0.794 0.715 0.792 0.744 0.715 0.726 0.726 0.726 0.726 0.589 0.578	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.041 0.651 0.067 0.185 0.185 0.181
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_mato reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re inches a constant of the constant of	$\begin{array}{c} 0.927 \\ 0.930 \\ 0.930 \\ \end{array}$ $\begin{array}{c} \mathbf{p} = 0.7 \\ 0.939 \\ 0.936 \\ 0.936 \\ 0.936 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.937 \\ 0.909 \\ 0.910 $	0.944 0.571 0.947   Ibl = 0.4 0.926 0.946 0.946 0.908 0.908 0.928 0.928 0.928 0.928   Ibl = 0.5 0.936 0.936 0.936 0.936 0.936 0.936 0.944 0.945 0.944 0.945 0.94	0.930 0.937 0.943 0.943 0.943 0.949 1. A supp 0.965 0.955 0.955 0.958 0.953 1. A supp 0.977 0.946 0.938 0.961 1. A supp 0.953 0.963 0.939 0.953 0.940 0.924 0.922 0.944 0.922 0.944 0.924 0.924 0.924 0.924 0.924 0.924 0.924	0.866 0.835 0.839 0.839 0.839 0.633 0.667 0.633 0.667 0.633 0.867 0.658 0.471 0.529 0.941 0.588 0.600 0.467 0.533 0.600 0.467 0.533 0.818 0.818 0.818 0.818 0.895 0.999 0.818 0.818 0.818	0.944 0.941 0.941 0.939 0.934   B supp 0.958 0.949 0.955   B supp 0.942 0.962 0.962 0.962 0.962 0.943 0.918 0.933 0.933 0.933 0.933 0.933	0.877 0.291 0.867 0.867 0.679 0.679 0.679 0.679 0.110 0.704 0.278 0.320 0.450 0.052 0.345 0.348 0.250 0.500 0.045 0.348 0.278 0.280 0.500 0.500 0.500 0.578 0.389 0.900 0.878	0.594 0.595 0.605  0.709 0.696 0.706 0.703 0.694  0.754 0.715 0.709 0.752 0.732 0.744 0.757 0.726 0.726 0.726 0.583 0.583 0.583	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.679 0.077 0.100 0.069 0.085 0.081 0.067 0.105 0.041 0.651 0.067 0.185 0.190 0.181 0.431 0.185
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re mone reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re mone reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none	$\begin{array}{c} 0.927 \\ 0.930 \\ 0.930 \\ \end{array}$ $\begin{array}{c} 0.930 \\ 0.936 \\ 0.936 \\ 0.936 \\ 0.936 \\ 0.936 \\ 0.938 \\ 0.938 \\ 0.928 \\ 0.937 \\ 0.939 \\ 0.912 \\ 0.907 \\ 0.910 \\ 0.924 \\ 0.924 $	0.944 0.571 0.947   bl = 0.4 0.943 0.926 0.940 0.384 0.946   bl = 0.5 0.998 0.998 0.998 0.928 0.947 0.192 0.936 0.906 0.936 0.904 0.906 0.904 0.906 0.904 0.906 0.904 0.904 0.904 0.904 0.904 0.904 0.904 0.904 0.904 0.904 0.906	0.930 0.937 0.943 0.943 0.949   A supp 0.965 0.955 0.955 0.956 0.958   A supp 0.977 0.946 0.938 0.974 0.961   A supp 0.963 0.963 0.940   A supp 0.924 0.924 0.924   A supp 0.924   A supp 0.924   A supp 0.924   A supp 0.924	0.866 0.806 0.806 0.805 0.839 0.839 0.633 0.667 0.633 0.667 0.538 ort = 887 0.529 0.471 0.529 0.941 0.529 0.941 0.529 0.941 0.588 ort = 908 0.533 ort = \$0.600 0.467 0.533 ort = \$0.818 0.818 0.999 0.818 0.999 0.818	0.944 0.941 0.939 0.934   B supp 0.949 0.958 0.949 0.950 0.952 0.962 0.962 0.962 0.962 0.963 0.933 0.933 0.933 0.935   B supp 0.923 0.939 0.993 0.993 0.993	0.877 0.291 0.867 0.867 0.679 0.679 0.556 0.655 0.110 0.704 0.774 0.278 0.320 0.345 0.345 0.550 0.550 0.550 0.552 0.348 0.348 0.250 0.500 0.045 0.048 0.348 0.900	0.594 0.598 0.605  0.709 0.696 0.706 0.706 0.703 0.694  0.754 0.715 0.792 0.752 0.732 0.744 0.726 0.726 0.726 0.583 0.583 0.687	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.679 0.077  0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.041 0.651 0.067 0.185 0.181 0.185 0.185
reweight_manual_A0.5_B1.5 mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_demographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_equalized_odds  re- reweight_auto reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_edwographic_parity mone	$\begin{array}{c} 0.927 \\ 0.930 \\ 0.930 \\ 0.930 \\ 0.936 \\ 0.938 \\ 0.936 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.939 \\ 0.938 \\ 0.939 \\ 0.940 \\ 0.900 \\ 0.910 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\$	$\begin{array}{c} 0.944\\ 0.571\\ 0.947\\ \end{array}$   $\mathbf{bbl} = 0.4\\ 0.943\\ 0.926\\ 0.940\\ 0.384\\ 0.946\\ 0.908\\ 0.928\\ 0.908\\ 0.928\\ 0.998\\ 0.998\\ 0.998\\ 0.994\\ 0.936\\ 0.904\\ 0.940\\ 0.940\\ 0.940\\ 0.736\\ 0.944\\ 0.940\\ 0.736\\ 0.944\\ 0.940\\ 0.736\\ 0.944\\ 0.936\\ 0.996\\ 0.996\\ 0.996\\ 0.996\\ 0.996\\ 0.996\\ 0.996\\ 0.996\\ 0.996\\ 0.996\\ 0.996\\ 0.996\\ 0.996\\ 0.996\\ 0.996\\ 0.999\\ 0.997\\ 0.998\\ 0.996\\ 0.999\\ 0.999\\ 0.999\\ 0.996\\ 0.996\\ 0.999\\ 0.999\\ 0.999\\ 0.996\\ 0.996\\ 0.996\\ 0.999\\ 0.996\\ 0.99$	0.930 0.937 0.943 0.943 0.943 0.944 0.965 0.955 0.955 0.958 0.958 0.958 0.964 0.961 0.961 0.963 0.963 0.993 0.953 0.940 0.922 0.940 0.924 0.922 0.940 0.924 0.924 0.924 0.924 0.924 0.926	0.866 0.835 0.839 0.839 0.633 0.667 0.633 0.667 0.638 ort = 887 0.588 ort = 908 0.538 0.600 0.467 0.667 0.588 0.818 0.818 0.818 0.818 0.995 0.999 0.818 ort = 1017 0.533	0.944 0.941 0.941 0.949 0.939 0.934 0.949 0.958 0.949 0.955 0.962 0.962 0.962 0.962 0.942 0.955 1 B supp 0.943 0.933 0.933 0.933 0.933 0.933 0.933 0.933	0.877 0.291 0.867 0.291 0.679 0.556 0.655 0.110 0.704 0.278 0.320 0.450 0.052 0.345 0.052 0.345 0.250 0.045 0.348 0.250 0.450 0.900 0.450 0.900 0.878 0.897 0.430 0.900	0.594 0.598 0.605 0.709 0.696 0.706 0.703 0.694  0.754 0.715 0.702 0.732 0.732  0.744 0.757 0.726 0.729 0.726 0.729 0.589 0.583 0.589 0.687 0.689	0.169 0.589 0.178 0.080 0.103 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.041 0.651 0.067 0.185 0.185 0.185 0.185 0.185 0.081
reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto reweight_manual_A0.5_B1.5	$\begin{array}{c} 0.927 \\ 0.930 \\ 0.930 \\ \end{array}$ $\begin{array}{c} p = 0.7 \\ 0.939 \\ 0.936 \\ 0.936 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.939 \\ 0.939 \\ 0.939 \\ 0.910 \\ 0.91$	$\begin{array}{c} 0.944 \\ 0.571 \\ 0.947 \\ \end{array}$ $\begin{array}{c}   \ \mathbf{bl} = 0.4 \\ 0.943 \\ 0.946 \\ 0.946 \\ \end{array}$ $\begin{array}{c} 0.984 \\ 0.946 \\ 0.998 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.936 \\ 0.936 \\ 0.936 \\ 0.936 \\ 0.936 \\ 0.944 \\ 0.940 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.994 \\ 0.996 \\ 0.994 \\ 0.996 \\ 0.994 \\ 0.990 \\ 0.994 \\ 0.990 \\ 0.994 \\ 0.990 \\ 0.991 \\ $	0.930 0.937 0.943 0.949    A supp 0.965 0.955 0.955 0.955   A supp 0.977 0.946 0.938 0.974   A supp 0.953 0.961    A supp 0.953 0.940   A supp 0.924 0.924 0.924 0.924   A supp 0.924 0.924 0.924 0.924 0.924 0.924 0.924 0.924 0.924 0.924 0.924 0.924 0.924 0.924 0.924 0.926 0.924 0.926	0.866 0.806 0.806 0.805 0.839 0.839 0.633 0.667 0.633 0.667 0.538 ort = 887 0.588 ort = 908 0.533 ort = 908 0.533 ort = 1017 0.599 0.818 0.818 0.818 0.818 0.818 0.818 0.795 0.909 0.818	0.944 0.941 0.941 0.939 0.934 0.949 0.958 0.949 0.955 0.962 0.962 0.962 0.962 0.962 0.993 0.933 0.933 0.933 0.933 0.933 0.933 0.932 0.939 0.939 0.939	0.877 0.291 0.867 0.291 0.679 0.679 0.556 0.655 0.110 0.704 0.174 0.320 0.428 0.320 0.052 0.345 0.052 0.345 0.050 0.348 0.250 0.500 0.045 0.488 0.898 0.897 0.430 0.900 0.900 0.900 0.490 0.490 0.500	0.594 0.598 0.605  0.709 0.696 0.706 0.703 0.694  0.754 0.715 0.792 0.752 0.744 0.726 0.726 0.726 0.726 0.728 0.578 0.589 0.583 0.687 0.687 0.686	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.041 0.651 0.067 0.185 0.190 0.185 0.190 0.185 0.431 0.185
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_edmographic_parity mitigator_equalized_odds  none reweight_auto reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity	$\begin{array}{c} 0.927 \\ 0.930 \\ 0.930 \\ 0.930 \\ 0.936 \\ 0.938 \\ 0.936 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.939 \\ 0.938 \\ 0.939 \\ 0.940 \\ 0.942 \\ 0.942 \\ 0.944 \\ 0.946 \\ 0.944 \\ 0.946 \\$	$\begin{array}{c} 0.944 \\ 0.571 \\ 0.947 \\ \end{array}$ $  \   \mathbf{bbl} = 0.4 \\ 0.943 \\ 0.926 \\ 0.940 \\ 0.384 \\ 0.946 \\ 0.908 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.908 \\ 0.908 \\ 0.947 \\ 0.192 \\ 0.928 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.944 \\ 0.936 \\ 0.994 \\ 0.944 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.944 \\ 0.936 \\ 0.944 \\ 0.944 \\ 0.936 \\ 0.944 \\ 0.945 \\ 0.944 \\ 0.945 \\$	0.930 0.937 0.943 0.943 0.943 0.944 0.965 0.955 0.955 0.955 0.958 0.958 0.958 0.968 0.974 0.961  I A supp 0.963 0.963 0.993 0.953 0.940 0.924 0.922 0.940 0.924 I A supp 0.922 0.946 0.924 0.925 0.946 0.925 0.946 0.925 0.946 0.955	0.866 0.835 0.839 0.839 0.633 0.667 0.633 0.667 0.633 0.667 0.588 0.471 0.529 0.941 0.588 ort = 908 0.533 0.600 0.467 0.667 0.588 0.795 0.818 0.795 0.991 0.818 0.795	0.944 0.939 0.941 0.939 0.939 0.939 0.949 0.958 0.949 0.950 0.962 0.962 0.962 0.962 0.962 0.955   B supp 0.923 0.933 0.943 0.933 0.935   B supp 0.923 0.930 0.930 0.930	0.877 0.291 0.867 0.291 0.679 0.679 0.556 0.655 0.110 0.704 0.278 0.320 0.450 0.052 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.500 0.045 0.348 0.500 0.450 0.500 0.450 0.500 0.500 0.450 0.500 0.500 0.409 0.583	0.594 0.598 0.605 0.709 0.696 0.706 0.703 0.694 0.754 0.715 0.752 0.752 0.752 0.744 0.757 0.729 0.726 0.583 0.593 0.687 0.689 0.696 0.711	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.061 0.165 0.185
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_edwographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_equalized_odds	$\begin{array}{c} 0.927 \\ 0.930 \\ 0.930 \\ 0.930 \\ 0.936 \\ 0.938 \\ 0.936 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.933 \\ 0.928 \\ 0.933 \\ 0.928 \\ 0.937 \\ 0.939 \\ 0.930 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.946 \\ 0.945 \\$	$\begin{array}{c} 0.944\\ 0.571\\ 0.947\\ \end{array}$   $\mathbf{bbl} = 0.4\\ 0.943\\ 0.926\\ 0.940\\ 0.384\\ 0.946\\ 0.908\\ 0.928\\ 0.908\\ 0.928\\ 0.908\\ 0.928\\ 0.908\\ 0.908\\ 0.928\\ 0.940\\ 0.192\\ 0.928\\ 0.940\\ 0.940\\ 0.936\\ 0.944\\ 0.940\\ 0.736\\ 0.944\\ 0.940\\ 0.736\\ 0.944\\ 0.940\\ 0.736\\ 0.944\\ 0.936\\ 0.944\\ 0.936\\ 0.994\\ 0.933\\ 0.932\\ \end{array}$	0.930 0.937 0.943 0.943 0.943 0.943 0.949 0.965 0.955 0.955 0.958 0.958 0.958 0.958 0.961 0.961 0.961 0.963 0.963 0.963 0.939 0.940 0.922 0.940 0.924 0.922 0.940 0.924 0.925 0.946 0.925 0.965 0.965	0.866 0.835 0.839 0.839 0.633 0.667 0.633 0.667 0.638 ort = 887 0.588 ort = 908 0.533 0.606 0.471 0.529 0.941 0.588 ort = 908 0.533 0.600 0.467 0.667 0.533 0.800 0.818 0.818 0.795 0.999 0.818 ort = 1017 0.533 0.600 0.467 0.633	0.944 0.941 0.941 0.939 0.939 0.934   B supp 0.956 0.962 0.962 0.962 0.962 0.962 0.918 0.933 0.933 0.933 0.933 0.933 0.933 0.933 0.936 0.937 0.969 0.969 0.969	0.877 0.291 0.867 0.291 0.679 0.679 0.679 0.679 0.670 0.704 0.100 0.704 0.348 0.250 0.502 0.345 0.348 0.250 0.504 0.348 0.250 0.505 0.348 0.500 0.578 0.348 0.500 0.578 0.450 0.900 0.878 0.450 0.900 0.878 0.430 0.900 0.878 0.430 0.900 0.773 0.430 0.900 0.773 0.430 0.900 0.773	0.594 0.598 0.605  0.709 0.696 0.706 0.703 0.694  0.754 0.715 0.792 0.752 0.744 0.726 0.726 0.726 0.726 0.728 0.578 0.589 0.583 0.687 0.687 0.686	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.041 0.651 0.067 0.185 0.190 0.185 0.190 0.185 0.431 0.185
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_edwographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_equalized_odds	$\begin{array}{c} 0.927 \\ 0.930 \\ 0.930 \\ 0.930 \\ 0.936 \\ 0.938 \\ 0.936 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.933 \\ 0.928 \\ 0.933 \\ 0.928 \\ 0.937 \\ 0.939 \\ 0.930 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.946 \\ 0.945 \\$	$\begin{array}{c} 0.944 \\ 0.571 \\ 0.947 \\ \end{array}$ $\begin{array}{c}   \ \mathbf{bl} = 0.4 \\ 0.943 \\ 0.946 \\ 0.946 \\ \end{array}$ $\begin{array}{c} 0.948 \\ 0.946 \\ 0.908 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.936 \\ 0.936 \\ 0.936 \\ 0.936 \\ 0.904 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.944 \\ 0.936 \\ 0.994 \\ 0.940 \\ 0.944 \\ 0.936 \\ 0.994 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.936 \\ 0.936 \\ 0.938 \\ 0.932 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.948 \\ $	0.930 0.937 0.943 0.943 0.943 0.943 0.949 0.965 0.955 0.955 0.958 0.958 0.958 0.958 0.961 0.964 0.963 0.963 0.963 0.963 0.939 0.940 0.922 0.940 0.924 0.922 0.940 0.924 0.925 0.946 0.925 0.965 0.965	0.866 0.806 0.806 0.805 0.839 0.839 0.833 0.667 0.633 0.667 0.538 ort = 887 0.588 0.471 0.529 0.941 0.529 0.941 0.588 ort = 908 0.533 ort = 1007 0.818 0.818 0.818 0.818 0.818 0.795 0.909 0.818 0.600 0.407 0.533 ort = 1007	0.944 0.941 0.941 0.939 0.939 0.934   B supp 0.956 0.962 0.962 0.962 0.962 0.962 0.918 0.933 0.933 0.933 0.933 0.933 0.933 0.933 0.936 0.937 0.969 0.969 0.969	0.877 0.291 0.867 0.291 0.679 0.679 0.556 0.655 0.110 0.704 0.278 0.320 0.450 0.052 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.500 0.045 0.348 0.500 0.450 0.500 0.450 0.500 0.500 0.450 0.500 0.500 0.409 0.583	0.594 0.598 0.605  0.709 0.696 0.706 0.706 0.703 0.694  0.754 0.715 0.792 0.752 0.732 0.744 0.726 0.726 0.726 0.578 0.583 0.687 0.686 0.696 0.711 0.705	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.041 0.665 0.195 0.195 0.195 0.185 0.190 0.185 0.190 0.185 0.190 0.185 0.094 0.051 0.068
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_edwographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_equalized_odds	$\begin{array}{c} 0.927 \\ 0.930 \\ 0.930 \\ 0.930 \\ 0.936 \\ 0.938 \\ 0.936 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.933 \\ 0.928 \\ 0.933 \\ 0.928 \\ 0.937 \\ 0.939 \\ 0.930 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.946 \\ 0.945 \\$	$\begin{array}{c} 0.944\\ 0.571\\ 0.947\\ \end{array}$   $\mathbf{bbl} = 0.4\\ 0.943\\ 0.926\\ 0.940\\ 0.384\\ 0.946\\ 0.908\\ 0.928\\ 0.908\\ 0.928\\ 0.908\\ 0.928\\ 0.908\\ 0.908\\ 0.928\\ 0.940\\ 0.192\\ 0.928\\ 0.940\\ 0.940\\ 0.936\\ 0.944\\ 0.940\\ 0.736\\ 0.944\\ 0.940\\ 0.736\\ 0.944\\ 0.940\\ 0.736\\ 0.944\\ 0.936\\ 0.944\\ 0.936\\ 0.994\\ 0.933\\ 0.932\\ \end{array}$	0.930 0.937 0.943 0.943 0.943 0.943 0.949 0.965 0.955 0.955 0.958 0.958 0.958 0.958 0.961 0.964 0.963 0.963 0.963 0.963 0.939 0.940 0.922 0.940 0.924 0.922 0.940 0.924 0.925 0.946 0.925 0.965 0.965	0.866 0.835 0.839 0.839 0.633 0.667 0.633 0.667 0.638 ort = 887 0.588 ort = 908 0.533 0.606 0.471 0.529 0.941 0.588 ort = 908 0.533 0.600 0.467 0.667 0.533 0.800 0.818 0.818 0.795 0.999 0.818 ort = 1017 0.533 0.600 0.467 0.633	0.944 0.941 0.941 0.939 0.939 0.934   B supp 0.956 0.962 0.962 0.962 0.962 0.962 0.918 0.933 0.933 0.933 0.933 0.933 0.933 0.933 0.936 0.937 0.969 0.969 0.969	0.877 0.291 0.867 0.291 0.679 0.679 0.679 0.679 0.670 0.704 0.100 0.704 0.348 0.250 0.502 0.345 0.348 0.250 0.504 0.348 0.250 0.505 0.348 0.500 0.578 0.348 0.500 0.578 0.450 0.900 0.878 0.450 0.900 0.878 0.430 0.900 0.878 0.430 0.900 0.773 0.430 0.900 0.773 0.430 0.900 0.773	0.594 0.598 0.605 0.709 0.696 0.706 0.703 0.694 0.754 0.715 0.752 0.752 0.752 0.744 0.757 0.729 0.726 0.583 0.593 0.687 0.689 0.696 0.711	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.061 0.165 0.185
reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto	$\begin{array}{c} 0.927 \\ 0.930 \\ 0.930 \\ 0.930 \\ 0.939 \\ 0.936 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.937 \\ 0.920 \\ 0.920 \\ 0.921 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\ 0.920 \\ 0.910 \\$	$\begin{array}{c} 0.944 \\ 0.571 \\ 0.947 \\ \end{array}$ $\begin{array}{c}   \ \mathbf{bl} = 0.4 \\ 0.943 \\ 0.946 \\ 0.946 \\ \end{array}$ $\begin{array}{c} 0.948 \\ 0.946 \\ 0.908 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.936 \\ 0.936 \\ 0.936 \\ 0.936 \\ 0.904 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.944 \\ 0.936 \\ 0.994 \\ 0.940 \\ 0.944 \\ 0.936 \\ 0.994 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.936 \\ 0.936 \\ 0.938 \\ 0.932 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.948 \\ $	0.930 0.937 0.943 0.943 0.943 0.944  A supp 0.965 0.955 0.955 0.958 0.974 0.961    A supp 0.977 0.946 0.938 0.974 0.961    A supp 0.953 0.940   A supp 0.924 0.922 0.940 0.924 0.925 0.926 0.925 0.926 0.926 0.926 0.926 0.926 0.927 0.940 0.926 0.926 0.927 0.927 0.940 0.926 0.926 0.927 0.940 0.926 0.927 0.940 0.926 0.927 0.940 0.927 0.940 0.926 0.927 0.940 0.926	0.866 0.806 0.806 0.805 0.839 0.839 0.833 0.667 0.633 0.667 0.538 ort = 887 0.588 0.471 0.529 0.941 0.529 0.941 0.588 ort = 908 0.533 ort = 1007 0.818 0.818 0.818 0.818 0.818 0.795 0.909 0.818 0.600 0.407 0.533 ort = 1007	0.944 0.941 0.941 0.939 0.934 0.949 0.958 0.949 0.955 0.962 0.962 0.962 0.962 0.962 0.993 0.933 0.933 0.933 0.933 0.932 0.939 0.939 0.939 0.939 0.937 0.969	0.877 0.291 0.867 0.867 0.867 0.679 0.556 0.655 0.110 0.704 0.278 0.320 0.450 0.052 0.345 0.052 0.345 0.050 0.500 0.045 0.348 0.878 0.878 0.890 0.900 0.900 0.490 0.500 0.490 0.508 0.073 0.478 0.073	0.594 0.598 0.605  0.709 0.696 0.706 0.703 0.694  0.754 0.715 0.762 0.752 0.744 0.757 0.726 0.726 0.726 0.578 0.589 0.578 0.583 0.687 0.696 0.711 0.706	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.041 0.665 0.195 0.195 0.195 0.185 0.190 0.185 0.190 0.185 0.190 0.185 0.094 0.051 0.068
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto reweight_demographic_parity mitigator_equalized_odds  re none reweight_demographic_parity mitigator_edemographic_parity mitigator_edemographic_parity mitigator_edemographic_parity mitigator_equalized_odds  re none	$\begin{array}{c} 0.927 \\ 0.930 \\ 0.930 \\ 0.930 \\ 0.936 \\ 0.938 \\ 0.936 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.939 \\ 0.939 \\ 0.939 \\ 0.939 \\ 0.939 \\ 0.939 \\ 0.939 \\ 0.939 \\ 0.939 \\ 0.939 \\ 0.939 \\ 0.939 \\ 0.939 \\ 0.909 \\ 0.910 \\ 0.909 \\ 0.910 \\ 0.909 \\ 0.910 \\ 0.909 \\ 0.910 \\ 0.909 \\ 0.910 \\ 0.909 \\ 0.910 \\ 0.909 \\ 0.910 \\$	$\begin{array}{c} 0.944 \\ 0.571 \\ 0.947 \\ \end{array}$ $  \   \mathbf{bl} = 0.4 \\ 0.943 \\ 0.926 \\ 0.940 \\ 0.384 \\ 0.946 \\ 0.908 \\ 0.928 \\ 0.908 \\ 0.928 \\ 0.928 \\ 0.936 \\ 0.904 \\ 0.192 \\ 0.928 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.944 \\ 0.936 \\ 0.919 \\ 0.944 \\ 0.936 \\ 0.919 \\ 0.945 \\ 0.919 \\ 0.945 \\ 0.919 \\ 0.945 \\ 0.919 \\ 0.945 \\ 0.925 \\ $	0.930 0.937 0.943 0.943 0.943 0.944 0.945 0.965 0.955 0.955 0.956 0.958 0.958 0.958 0.961 0.974 0.961 0.963 0.963 0.993 0.953 0.940 0.924 0.922 0.940 0.924 0.922 0.946 0.925 0.965 0.965 0.965 0.965	0.866 0.836 0.839 0.839 0.839 0.633 0.663 0.633 0.667 0.633 0.667 0.588 0.471 0.529 0.941 0.588 0rt = 908 0.538 0.600 0.467 0.667 0.588 0.700 0.818 0.705 0.818 0.705 0.818 0.705 0.818 0.705 0.818 0.705 0.600 0.467 0.667 0.533 0.600 0.818 0.705 0.905 0.818 0.705 0.905 0.818 0.705 0.905 0.818 0.705 0.905 0.818 0.705 0.907 0.818 0.705 0.907 0.818 0.705 0.907 0.818 0.705 0.907 0.	0.944 0.941 0.941 0.949 0.939 0.934 0.949 0.958 0.949 0.950 0.962 0.962 0.962 0.962 0.942 0.955   B supp 0.923 0.933 0.935 0.933 0.935 0.932   B supp 0.923 0.930 0.930 0.930 0.930 0.930 0.935   B supp 0.971 0.969 0.969	0.877 0.291 0.867 0.291 0.679 0.679 0.556 0.655 0.110 0.704 0.0278 0.320 0.450 0.052 0.348 0.250 0.052 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.250 0.045 0.348 0.500 0.457 0.500 0.478	0.594 0.598 0.605 0.709 0.696 0.706 0.703 0.694 0.754 0.715 0.752 0.732 0.744 0.757 0.729 0.726 0.583 0.593 0.687 0.689 0.689 0.696 0.711 0.705	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.041 0.651 0.067 0.185 0.181 0.431 0.185 0.068 0.094 0.051 0.068
reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_edwographic_parity mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto	$\begin{array}{c} 0.927 \\ 0.930 \\ 0.930 \\ 0.930 \\ 0.939 \\ 0.939 \\ 0.939 \\ 0.939 \\ 0.936 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.939 \\ 0.932 \\ 0.937 \\ 0.928 \\ 0.937 \\ 0.928 \\ 0.937 \\ 0.928 \\ 0.942 \\ 0.910 \\ 0.926 \\ 0.910 \\ 0.926 \\ 0.910 \\ 0.926 \\ 0.910 \\ 0.926 \\ 0.910 \\ 0.926 \\ 0.910 \\ 0.926 \\ 0.910 \\ 0.926 \\ 0.910 \\ 0.926 \\ 0.910 \\ 0.926 \\ 0.910 \\ 0.926 \\ 0.910 \\ 0.926 \\ 0.910 \\ 0.926 \\ 0.910 \\ 0.910 \\ 0.926 \\ 0.910 \\$	$\begin{array}{c} 0.944 \\ 0.571 \\ 0.947 \\   \ bl = 0.4 \\ 0.943 \\ 0.946 \\ 0.9946 \\ 0.994 \\ 0.998 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.936 \\ 0.936 \\ 0.936 \\ 0.936 \\ 0.940 \\ 0.956 \\ 0.363 \\ 0.936 \\ 0.940 \\ 0.940 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.944 \\ 0.936 \\ 0.994 \\ 0.936 \\ 0.994 \\ 0.940 \\$	0.930 0.937 0.943 0.943 0.943 0.944  A supp 0.965 0.955 0.955 0.958 0.974 0.961    A supp 0.977 0.946 0.938 0.974 0.961    A supp 0.953 0.940   A supp 0.924 0.922 0.940 0.924 0.925 0.926 0.925 0.926 0.926 0.926 0.926 0.926 0.927 0.940 0.926 0.926 0.927 0.927 0.940 0.926 0.926 0.927 0.940 0.926 0.927 0.940 0.926 0.927 0.940 0.927 0.940 0.926 0.927 0.940 0.926	0.866 0.806 0.806 0.805 0.839 0.839 0.667 0.633 0.667 0.633 0.667 0.588 0.471 0.529 0.941 0.529 0.941 0.529 0.941 0.533 0.600 0.467 0.533 0.818 0.818 0.795 0.999 0.818 0.818 0.795 0.909 0.818 0.795 0.909 0.817 0.533 0.600 0.607 0.533 0.600 0.607 0.533 0.600 0.733 0.700 0.800 0.733 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.944 0.941 0.941 0.939 0.934 0.939 0.934 0.949 0.958 0.949 0.950 0.962 0.962 0.962 0.962 0.963 0.933 0.933 0.933 0.933 0.933 0.933 0.935 0.969 0.969 0.969 0.969 0.969 0.969	0.877 0.291 0.867 0.867 0.867 0.867 0.679 0.679 0.556 0.655 0.110 0.704 0.278 0.320 0.450 0.052 0.345 0.052 0.348 0.250 0.500 0.045 0.488 0.900 0.878 0.897 0.430 0.900 0.409 0.073 0.400 0.403 0.907 0.400 0.778 0.400 0.403	0.594 0.598 0.605  0.709 0.696 0.706 0.703 0.694  0.754 0.715 0.762 0.752 0.744 0.757 0.726 0.726 0.726 0.578 0.589 0.578 0.583 0.687 0.696 0.711 0.706	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.041 0.651 0.067 0.185 0.190 0.181 0.431 0.185 0.068 0.094 0.056 0.094 0.051 0.705 0.098
reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_auto reweight_auto reweight_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_auto reweight_auto reweight_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds	$\begin{array}{c} 0.927\\ 0.930\\ 0.930\\ 0.930\\ 0.936\\ 0.938\\ 0.936\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.939\\ 0.939\\ 0.928\\ 0.939\\ 0.928\\ 0.937\\ 0.939\\ 0.910\\ 0.910\\ 0.900\\ 0.910\\ 0.$	$\begin{array}{c} 0.944\\ 0.571\\ 0.947\\ \end{array}$ $ \ bl=0.4\\ 0.943\\ 0.926\\ 0.940\\ 0.384\\ 0.946\\ 0.908\\ 0.928\\ 0.928\\ 0.928\\ 0.928\\ 0.928\\ 0.940\\ 0.946\\ 0.946\\ 0.946\\ 0.946\\ 0.946\\ 0.946\\ 0.944\\ 0.944\\ 0.944\\ 0.944\\ 0.944\\ 0.944\\ 0.944\\ 0.944\\ 0.944\\ 0.944\\ 0.944\\ 0.944\\ 0.933\\ 0.932\\ 0.932\\ 0.932\\ 0.932\\ 0.932\\ 0.932\\ 0.932\\ 0.932\\ 0.932\\ 0.932\\ 0.932\\ 0.932\\ 0.932\\ 0.932\\ 0.932\\ 0.932\\ 0.932\\ 0.932\\ 0.953\\ 0.932\\ 0.953\\ 0.932\\ 0.953\\ 0$	0.930 0.937 0.943 0.943 0.943 0.944 0.945 0.965 0.955 0.955 0.955 0.958 0.958 0.961 0.964 0.993 0.963 0.963 0.963 0.940 0.924 0.922 0.940 0.924 0.922 0.946 0.924 0.925 0.946 0.955 0.965 0.965 0.965 0.965	0.866 0.836 0.839 0.839 0.839 0.633 0.663 0.633 0.667 0.633 0.667 0.588 0.471 0.529 0.941 0.588 0rt = 908 0.538 0.600 0.467 0.667 0.588 0.700 0.818 0.705 0.818 0.705 0.818 0.705 0.818 0.705 0.818 0.705 0.600 0.467 0.667 0.533 0.600 0.818 0.705 0.905 0.818 0.705 0.905 0.818 0.705 0.905 0.818 0.705 0.905 0.818 0.705 0.907 0.818 0.705 0.907 0.818 0.705 0.907 0.818 0.705 0.907 0.	0.944 0.944 0.941 0.939 0.934 0.949 0.958 0.949 0.956 0.962 0.962 0.962 0.962 0.942 0.955   B supp 0.923 0.933 0.943 0.933 0.943 0.935   B supp 0.923 0.930 0.932   B supp	0.877 0.291 0.867 0.291 0.679 0.556 0.655 0.110 0.704 0.278 0.320 0.450 0.052 0.345 0.052 0.345 0.052 0.345 0.050 0.090 0.588 0.878 0.897 0.430 0.900 0.490 0.583 0.073 0.473 0.473 0.473 0.473 0.500 0.409 0.583 0.673 0.773	0.594 0.598 0.605 0.709 0.696 0.706 0.706 0.703 0.694  0.754 0.715 0.792 0.732  0.744 0.757 0.726 0.729 0.578 0.583 0.696 0.696 0.696 0.691 0.705 0.698 0.696 0.711 0.705	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.0679 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.041 0.651 0.067 0.185 0.185 0.094 0.051 0.098 0.094 0.051 0.705 0.098
reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_edemographic_parity mitigator_edemographic_parity mitigator_edemographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_edemographic_parity mone reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_edemographic_parity mitigator_edemographic_parity mitigator_edemographic_parity mitigator_edemographic_parity mitigator_edemographic_parity mitigator_edemographic_parity mitigator_edemographic_parity mitigator_edemographic_parity	$\begin{array}{c} 0.927\\ 0.930\\ 0.930\\ 0.930\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.932\\ 0.937\\ 0.920\\ 0.939\\ 0.942\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.910\\ 0.940\\ 0.$	$\begin{array}{c} 0.944 \\ 0.571 \\ 0.947 \\   \ bl = 0.4 \\ 0.943 \\ 0.946 \\ 0.9946 \\ 0.9946 \\ 0.998 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.928 \\ 0.936 \\ 0.936 \\ 0.936 \\ 0.936 \\ 0.936 \\ 0.944 \\ 0.940 \\ 0.940 \\ 0.944 \\ 0.940 \\ 0.944 \\ 0.936 \\ 0.994 \\ 0.993 $	0.930 0.937 0.943 0.943 0.949    A supp 0.965 0.955 0.956 0.958 0.974 0.961   A supp 0.977 0.946 0.938 0.974 0.961   A supp 0.953 0.940 0.924 0.924 0.924 0.924 0.926 0.926 0.926 0.926 0.926 0.926 0.927 0.927 0.940 0.926 0.936	0.866 0.806 0.806 0.805 0.839 0.839 0.667 0.633 0.667 0.633 0.687 0.588 0.471 0.529 0.941 0.529 0.941 0.588 0.533 ort = 908 0.533 ort = 1007 0.588 0.818 0.818 0.818 0.818 0.795 0.999 0.818 0.600 0.607 0.533 0.600 0.607 0.533 0.600 0.407 0.533 0.600 0.407 0.533 0.600 0.407 0.202 0.202 0.222 0.222 0.222 0.222 0.222 0.222 0.2899 0.444	0.944 0.941 0.941 0.939 0.939 0.939 0.949 0.958 0.949 0.950 0.962 0.962 0.962 0.962 0.993 0.933 0.933 0.933 0.933 0.933 0.933 0.936 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969	0.877 0.291 0.867 0.291 0.867 0.679 0.556 0.655 0.110 0.704 0.174 0.278 0.320 0.052 0.345 0.052 0.345 0.250 0.502 0.348 0.250 0.503 0.438 0.250 0.438 0.901 0.438 0.901 0.503 0.900 0.405 0.503 0.900 0.405 0.500 0.409 0.503 0.73 0.478 0.073 0.478 0.073 0.478 0.073 0.478 0.073 0.478	0.594 0.598 0.605  0.709 0.696 0.706 0.703 0.694  0.754 0.715 0.792 0.752 0.744 0.757 0.726 0.726 0.583 0.583 0.583 0.686 0.711 0.705 0.795 0.796 0.796	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.041 0.665 0.185 0.190 0.181 0.431 0.185 0.094 0.051 0.068 0.094 0.051 0.098
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto rewei	$\begin{array}{c} 0.927 \\ 0.930 \\ 0.930 \\ 0.930 \\ 0.936 \\ 0.936 \\ 0.936 \\ 0.938 \\ 0.936 \\ 0.938 \\ 0.938 \\ 0.937 \\ 0.939 \\ 0.938 \\ 0.933 \\ 0.938 \\ 0.937 \\ 0.939 \\ 0.910 \\$	$\begin{array}{c} 0.944\\ 0.571\\ 0.947\\ \end{array}$ $ \ bl=0.4\\ 0.943\\ 0.926\\ 0.940\\ 0.984\\ 0.996\\ 0.998\\ 0.928\\ 0.928\\ 0.928\\ 0.928\\ 0.928\\ 0.940\\ 0.946\\ 0.936\\ 0.946\\ 0.940\\ 0.944\\ 0.940\\ 0.944\\ 0.944\\ 0.940\\ 0.944\\ 0.940\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.930\\ 0.933\\ 0.932\\ 0.932\\ 0.932\\ 0.932\\ 0.932\\ 0.933\\ 0.932\\ 0.933\\ 0$	0.930 0.937 0.943 0.943 0.943 0.944 0.945 0.965 0.955 0.955 0.955 0.958 0.958 0.968 0.938 0.963 0.974 0.961 0.953 0.963 0.993 0.953 0.940 0.922 0.940 0.922 0.940 0.924 0.925 0.946 0.995 0.965 0.965 0.965 0.965 0.965	0.866 0.835 0.839 0.836 0.833 0.633 0.667 0.633 0.667 0.633 0.667 0.588 0.471 0.529 0.941 0.588 0rt = 908 0.533 0.600 0.467 0.667 0.588 0.795 0.818 0.795 0.900 0.818 0.795 0.900 0.467 0.667 0.573 0.795 0.900 0.793 0.818 0.795 0.900 0.795 0.900 0.795 0.900 0.800 0.793 0.818 0.795 0.909 0.818 0.795 0.909 0.818 0.795 0.909 0.818 0.795 0.909 0.818 0.795 0.909 0.818 0.900 0.800	0.944 0.939 0.941 0.939 0.939 0.939 0.949 0.958 0.949 0.950 0.962 0.962 0.962 0.962 0.942 0.955   B supp 0.923 0.933 0.933 0.943 0.933 0.935   B supp 0.971 0.960 0.960 0.960 0.960 0.965	0.877 0.291 0.867 0.291 0.679 0.556 0.655 0.110 0.704 0.774 0.278 0.320 0.450 0.052 0.345 0.052 0.345 0.052 0.345 0.050 0.090 0.900	0.594 0.598 0.605 0.709 0.696 0.706 0.706 0.703 0.694 0.754 0.715 0.792 0.732 0.744 0.757 0.729 0.729 0.578 0.583 0.593 0.687 0.689 0.696 0.711 0.705 0.725 0.698 0.724 0.724	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.041 0.651 0.067 0.185 0.185 0.185 0.094 0.051 0.068 0.094 0.051 0.705 0.098
reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds	$\begin{array}{c} 0.927 \\ 0.930 \\ 0.930 \\ 0.930 \\ 0.939 \\ 0.936 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.938 \\ 0.932 \\ 0.937 \\ 0.939 \\ 0.932 \\ 0.937 \\ 0.901 \\ 0.902 \\ 0.910 \\ 0.910 \\ 0.925 \\ 0.910 \\ 0.902 \\ 0.910 \\ 0.902 \\ 0.903 \\ 0.904 \\ 0.903 \\ 0.903 \\ 0.903 \\ 0.904 \\ 0.903 \\ 0.903 \\ 0.904 \\ 0.903 \\ 0.903 \\ 0.904 \\ 0.905 \\$	0.944 0.571 0.947   Ibl = 0.4 0.938 0.946 0.946   Ibl = 0.5 0.998 0.928 0.928 0.928   Ibl = 0.6 0.936 0.936 0.936 0.936 0.944 0.940	0.930 0.937 0.943 0.943 0.943 0.943 0.944 0.965 0.955 0.955 0.955 0.966 0.958 0.974 0.961    A supp 0.977 0.946 0.938 0.994 0.994 0.994 0.992 0.944 0.995 0.996 0.994 0.995 0.996 0.994 0.996	0.866 0.835 0.839 0.836 0.833 0.667 0.633 0.667 0.633 0.667 0.538 0.633 ort = 887 0.588 0.471 0.529 0.941 0.588 ort = 908 0.533 0.600 0.467 0.533 ort = 1030 0.818 0.818 0.795 0.999 0.447 0.533 ort = 1017 0.533 ort = 1020 0.818 ort = 1030 0.838	0.944 0.941 0.941 0.939 0.934 0.949 0.958 0.949 0.950 0.962 0.962 0.962 0.962 0.963 0.938 0.938 0.938 0.938 0.938 0.939 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969 0.969	0.877 0.291 0.867 0.291 0.867 0.679 0.679 0.679 0.056 0.655 0.110 0.704 0.278 0.320 0.450 0.052 0.345 0.052 0.348 0.250 0.500 0.045 0.488 0.900 0.878 0.897 0.430 0.900 0.409 0.878 0.897 0.430 0.900 0.409 0.778 0.400 0.409 0.500 0.409 0.500 0.409 0.500 0.409 0.500 0.409 0.500 0.409 0.500 0.409 0.500 0.409 0.500 0.409 0.500 0.409 0.500 0.409 0.500 0.409 0.500 0.409 0.500	0.594 0.598 0.605  0.709 0.696 0.706 0.706 0.703 0.694  0.754 0.715 0.762 0.752 0.752 0.744 0.757 0.726 0.583 0.583 0.583 0.687 0.686 0.711 0.725 0.698 0.708 0.721	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.041 0.665 0.185 0.190 0.181 0.185 0.190 0.181 0.185 0.094 0.051 0.705 0.098 0.056 0.094 0.051 0.705 0.098
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds  re none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto	$\begin{array}{c} 0.927\\ 0.930\\ 0.930\\ 0.930\\ 0.936\\ 0.938\\ 0.936\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.939\\ 0.939\\ 0.939\\ 0.939\\ 0.939\\ 0.939\\ 0.939\\ 0.930\\ 0.930\\ 0.930\\ 0.930\\ 0.930\\ 0.930\\ 0.930\\ 0.930\\ 0.930\\ 0.930\\ 0.930\\ 0.940\\ 0.$	$\begin{array}{c} 0.944\\ 0.571\\ 0.947\\ \end{array}$ $\left.\begin{array}{c} \left  \text{ bl} \right  = 0.4\\ 0.943\\ 0.946\\ 0.946\\ \end{array}$ $\left.\begin{array}{c} 0.946\\ 0.998\\ 0.998\\ 0.928\\ 0.928\\ 0.928\\ 0.928\\ 0.928\\ 0.928\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.936\\ 0.944\\ 0.944\\ 0.944\\ 0.944\\ 0.944\\ 0.944\\ 0.944\\ 0.933\\ 0.932\\ 0.944\\ 0.936\\ 0.944\\ 0.940\\ 0.940\\ 0.940\\ 0.940\\ 0.943\\ 0.936\\ 0.943\\ 0.932\\ 0.933\\ 0.932\\ 0.933\\ 0.932\\ 0.923\\ 0.$	0.930 0.937 0.943 0.943 0.943 0.943 0.945 0.965 0.965 0.965 0.956 0.958 0.968 0.938 0.961   A supp 0.977 0.963 0.963 0.963 0.963 0.924 0.924 0.922 0.940 0.924 0.925 0.946 0.955 0.965 0.965 0.965 0.965 0.965 0.965 0.965 0.965	0.866 0.836 0.839 0.833 0.667 0.633 0.667 0.633 0.667 0.538 0.471 0.529 0.941 0.588  ort = 908 0.533 0.667 0.941 0.588  ort = 1000 0.818 0.795 0.918 0.818 0.795 0.999 0.818 0.795 0.990 0.818 0.795 0.990 0.818 0.795 0.990 0.818 0.795 0.990 0.818 0.795 0.990 0.818 0.795 0.990 0.818 0.795 0.990 0.818 0.795 0.990 0.818 0.990 0.467 0.533	0.944 0.944 0.941 0.939 0.939 0.939 0.949 0.958 0.949 0.956 0.962 0.962 0.962 0.962 0.942 0.955   B supp 0.923 0.933 0.943 0.933 0.943 0.935   B supp 0.923 0.936 0.937 0.939 0.930 0.937 0.956 0.966 0.966 0.966 0.956 0.956 0.958	0.877 0.291 0.867 0.867 0.867 0.679 0.556 0.655 0.110 0.704 0.774 0.278 0.320 0.325 0.345 0.356 0.550 0.550 0.502 0.348 0.250 0.500 0.438 0.073 0.900 0.409 0.503 0.900 0.409 0.503 0.500 0.438 0.773 0.438 0.073 0.438 0.073 0.438 0.073 0.500 0.409 0.503	0.594 0.598 0.605 0.709 0.696 0.706 0.706 0.706 0.705 0.799 0.752 0.732 0.744 0.715 0.726 0.726 0.729 0.578 0.583 0.687 0.689 0.696 0.711 0.705 0.725 0.698 0.724 0.724 0.724	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.679 0.077  0.100 0.069 0.056 0.850 0.081  0.067 0.105 0.041 0.651 0.067 0.185 0.185 0.094 0.185 0.094 0.051 0.705 0.098  0.056 0.094 0.051 0.705 0.098
reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_auto reweight_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_auto reweight_manual_A0.5_B1.5	$\begin{array}{c} 0.927\\ 0.930\\ 0.930\\ 0.930\\ 0.930\\ 0.938\\ 0.939\\ 0.939\\ 0.936\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.932\\ 0.937\\ 0.901\\ 0.910\\ 0.910\\ 0.910\\ 0.910\\ 0.925\\ 0.910\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.939\\ 0.940\\ 0.$	0.944 0.571 0.947   Ibl = 0.4 0.948 0.946 0.946 0.994 0.9946 0.998 0.928 0.928   Ibl = 0.5 0.936 0.936 0.936 0.936 0.936 0.944 0.940 0.736 0.944 0.940 0.736 0.944 0.940 0.940 0.956 0.936 0.944 0.940 0.940 0.956 0.940 0.956	0.930 0.937 0.943 0.943 0.943 0.943 0.943 0.945 0.965 0.955 0.955 0.966 0.958 0.958 0.961 0.961 0.963 0.963 0.939 0.924 0.926 0.922 0.940 0.926 0.924 0.925 0.965 0.965 0.965 0.965 0.965 0.965 0.968 A suppe 0.972 0.940 0.955 0.968 A suppe 0.972 0.940 0.955 0.968 A suppe 0.972 0.988	0.866 0.836 0.839 0.839 0.833 0.667 0.633 0.667 0.633 0.667 0.538 0.705 0.588 0.705 0.588 0.705 0.588 0.800 0.467 0.533 0.600 0.467 0.533 0.600 0.467 0.533 0.600 0.467 0.533 0.600 0.467 0.533 0.600 0.467 0.533 0.600 0.467 0.533 0.600 0.467 0.533	0.944 0.941 0.941 0.941 0.939 0.939 0.934 0.949 0.955 0.962 0.962 0.962 0.962 0.962 0.962 0.962 0.962 0.962 0.962 0.965 0.963 0.918 0.933 0.933 0.933 0.933 0.933 0.935 0.936 0.969 0.969 0.969 0.969 0.969 0.967    B supp	0.877 0.291 0.867 0.291 0.867 0.679 0.679 0.656 0.655 0.110 0.704 0.704 0.278 0.320 0.450 0.052 0.345 0.348 0.250 0.500 0.045 0.348 0.278 0.349 0.250 0.500 0.900 0.878 0.397 0.430 0.900 0.878 0.478	0.594 0.594 0.595 0.605  0.709 0.696 0.706 0.703 0.694  0.754 0.715 0.709 0.752 0.752 0.752 0.754 0.726 0.726 0.726 0.583 0.583 0.583 0.686 0.711 0.705 0.725 0.698 0.708 0.708 0.708 0.708 0.721 0.756 0.725	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.185 0.190 0.181 0.431 0.185 0.068 0.091 0.091 0.091 0.095 0.098 0.096 0.097 0.190 0.190 0.190 0.190 0.190 0.190 0.191 0.705 0.098
reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_edemographic_parity	$\begin{array}{c} 0.927\\ 0.930\\ 0.930\\ 0.936\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.937\\ 0.939\\ 0.939\\ 0.939\\ 0.939\\ 0.931\\ 0.942\\ 0.947\\ 0.946\\ 0.947\\ 0.946\\ 0.942\\ 0.940\\ 0.945\\ 0.942\\ 0.940\\ 0.945\\ 0.942\\ 0.940\\ 0.945\\ 0.940\\ 0.$	$\begin{array}{l} 0.944\\ 0.571\\ 0.947\\ \end{array}$ $\begin{array}{l}  $	0.930 0.937 0.943 0.943 0.943 0.943 0.944 0.965 0.955 0.955 0.956 0.958 0.963 0.972 0.946 0.924 0.924 0.924 0.924 0.924 0.924 0.924 0.924 0.924 0.924 0.925 0.946 0.946 0.946 0.946 0.955 0.965 0.965 0.965 0.965 0.965 0.965	0.866 0.836 0.839 0.863 0.833 0.663 0.633 0.667 0.633 0.667 0.538 0.471 0.529 0.941 0.588 ort = 908 0.533 0.600 0.467 0.667 0.5818 0.795 0.818 0.795 0.818 0.795 0.467 0.800 0.733 0.600 0.733 0.600 0.733 0.700 0	0.944 0.944 0.941 0.939 0.934 0.949 0.958 0.949 0.958 0.962 0.962 0.962 0.962 0.992 0.955    B supp 0.923 0.933 0.933 0.933 0.943 0.935   B supp 0.923 0.936 0.939 0.930 0.939 0.930 0.939 0.936 0.956 0.966 0.966 0.966 0.966 0.968 0.957    B supp 0.957   B supp 0.957	0.877 0.291 0.867 0.291 0.679 0.556 0.655 0.110 0.704 ort = 360 0.278 0.320 0.450 0.052 0.345 ort = 344 0.348 0.250 0.500 0.504 0.348 0.250 0.50	0.594 0.598 0.605  0.709 0.696 0.706 0.706 0.706 0.705 0.794 0.715 0.792 0.744 0.715 0.726 0.726 0.578 0.583 0.687 0.689 0.696 0.711 0.705 0.795 0.698 0.708 0.708 0.708 0.721	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.105 0.041 0.067 0.185 0.041 0.067 0.185 0.094 0.185 0.094 0.051 0.705 0.094 0.051 0.705 0.094 0.075 0.094 0.075 0.098
reweight_manual_A0.5_B1.5 mitigator_equalized_odds  none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_auto reweight_demographic_parity mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds  re none reweight_auto reweight_auto reweight_manual_A0.5_B1.5	$\begin{array}{c} 0.927\\ 0.930\\ 0.930\\ 0.930\\ 0.930\\ 0.938\\ 0.939\\ 0.939\\ 0.936\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.938\\ 0.932\\ 0.937\\ 0.901\\ 0.910\\ 0.910\\ 0.910\\ 0.910\\ 0.925\\ 0.910\\ 0.910\\ 0.920\\ 0.910\\ 0.920\\ 0.939\\ 0.940\\ 0.$	0.944 0.571 0.947   Ibl = 0.4 0.948 0.946 0.946 0.994 0.9946 0.998 0.928 0.928   Ibl = 0.5 0.936 0.936 0.936 0.936 0.936 0.944 0.940 0.736 0.944 0.940 0.736 0.944 0.940 0.940 0.956 0.936 0.944 0.940 0.940 0.956 0.940 0.956	0.930 0.937 0.943 0.943 0.943 0.943 0.943 0.945 0.965 0.955 0.955 0.966 0.958 0.958 0.961 0.961 0.963 0.963 0.939 0.924 0.926 0.922 0.940 0.926 0.924 0.925 0.965 0.965 0.965 0.965 0.965 0.965 0.968 A suppe 0.972 0.940 0.955 0.968 A suppe 0.972 0.940 0.955 0.968 A suppe 0.972 0.988	0.866 0.836 0.839 0.839 0.833 0.667 0.633 0.667 0.633 0.667 0.538 0.705 0.588 0.705 0.588 0.705 0.588 0.800 0.467 0.533 0.600 0.467 0.533 0.600 0.467 0.533 0.600 0.467 0.533 0.600 0.467 0.533 0.600 0.467 0.533 0.600 0.467 0.533 0.600 0.467 0.533	0.944 0.941 0.941 0.941 0.939 0.939 0.934 0.949 0.955 0.962 0.962 0.962 0.962 0.962 0.962 0.962 0.962 0.962 0.962 0.965 0.963 0.918 0.933 0.933 0.933 0.933 0.933 0.935 0.936 0.969 0.969 0.969 0.969 0.969 0.967    B supp	0.877 0.291 0.867 0.291 0.867 0.679 0.679 0.656 0.655 0.110 0.704 0.704 0.278 0.320 0.450 0.052 0.345 0.348 0.250 0.500 0.045 0.348 0.278 0.349 0.250 0.500 0.900 0.878 0.397 0.430 0.900 0.878 0.478	0.594 0.594 0.595 0.605  0.709 0.696 0.706 0.703 0.694  0.754 0.715 0.709 0.752 0.752 0.752 0.754 0.726 0.726 0.726 0.583 0.583 0.583 0.686 0.711 0.705 0.725 0.698 0.708 0.708 0.708 0.708 0.721 0.756 0.725	0.169 0.589 0.178 0.080 0.103 0.083 0.083 0.679 0.077 0.100 0.069 0.056 0.850 0.081 0.067 0.185 0.190 0.181 0.431 0.185 0.068 0.091 0.091 0.091 0.095 0.098 0.096 0.097 0.190 0.190 0.190 0.190 0.190 0.190 0.191 0.705 0.098