Table 5. Per–group results (accuracy, recall, precision and approval-rate disaggregated by groups A and B) for the online pipeline.

							AppRate (↑)	B AppRate (↑)
none	$= 0.5 \mid 0.814$	0.775	0.939	0.801	B supp 0.794	ort = 2923 0.444	0.724	0.338
reweight_auto	0.793	0.755	0.856	0.732	0.815	0.413	0.643	0.332
reweight_manual_A0.5_B1.5 mitigator_demographic_parity	$\frac{0.802}{0.495}$	0.778 0.667	$\frac{0.886}{0.354}$	0.816 0.394	$\frac{0.809}{0.663}$	0.449 0.252	$\frac{0.669}{0.327}$	$\frac{0.340}{0.294}$
mitigator_equalized_odds	0.573	0.665	0.541	0.524	0.694	0.286	0.477	0.344
rep	$= 0.5 \mid 0.833$	$1bl = 0.4 \\ 0.784$	0.898	0.636	B supp 0.868	ort = 2986 0.181	0.724	0.234
reweight_auto	0.802	0.728	0.898	0.030	0.807	0.166	0.724	0.234
reweight_manual_A0.5_B1.5	$\frac{0.803}{0.418}$	0.777 0.777	0.865 0.245	0.672 0.354	0.855 0.758	0.181 0.115	0.707 0.226	0.246 0.203
mitigator_demographic_parity mitigator_equalized_odds	0.607	0.683	0.620	0.571	0.773	0.116	0.561	0.327
	= 0.5					ort = 2933		
none reweight_auto	0.752 0.773	0.779 0.738	0.844 0.843	0.646 0.760	0.816 0.840	0.162 0.155	0.741 0.720	0.238 0.293
reweight_manual_A0.5_B1.5	0.777	0.748	0.838	0.651	0.849	0.144	0.708	0.270
mitigator_demographic_parity mitigator_equalized_odds	0.456 0.646	0.649 0.588	0.356 0.702	0.434 0.669	0.757 0.783	0.076	0.337	0.343 0.432
$\frac{\text{mingator} = \text{equanzed} = \text{odds} = 0.540 = 0.580 = 0.702 = 0.703 = 0.703 = 0.703 = 0.703}{\text{rep} = 0.5 \mid \text{bbl} = 0.6 \mid \text{A support} = 3046 \mid \text{B support} = 3025}$								
none	0.785	0.761	0.835	0.427	0.863	0.100	0.701	0.231
reweight_auto reweight_manual_A0.5_B1.5	0.831 0.824	0.753 0.739	$\frac{0.894}{0.917}$	0.500 0.555	0.875 0.851	0.110 0.113	0.740 0.781	0.247 0.267
mitigator_demographic_parity	0.378	0.786	0.205	0.226	0.760	0.066	0.195	0.184
mitigator_equalized_odds	0.633	0.574	0.695	0.537	0.775	0.068	0.649	0.430
rep	= 0.6 0.777	0.758	0.873	0.734	B supp 0.775	ort = 2346 0.412	0.661	0.329
$reweight_auto$	0.796	0.756	0.859	0.889	0.807	0.423	0.625	0.388
reweight_manual_A0.5_B1.5 mitigator_demographic_parity	0.796 0.540	0.776 0.694	0.886 0.394	0.831 0.358	$\frac{0.792}{0.689}$	0.443 0.261	0.656 0.336	$\frac{0.347}{0.254}$
mitigator_equalized_odds	0.583	0.709	0.542	0.473	0.683	0.311	0.466	0.281
	= 0.6					ort = 2349	0.757	0.201
none reweight_auto	$\frac{0.811}{0.775}$	$\frac{0.744}{0.750}$	$\frac{0.897}{0.883}$	0.667 0.761	0.847 0.817	0.182 0.201	0.757 <u>0.773</u>	0.281 0.290
reweight_manual_A0.5_B1.5	0.822	0.738	0.922	0.717	0.844	0.186	0.781	0.295
mitigator_demographic_parity mitigator_equalized_odds	0.633	0.444	0.736 0.749	0.744	0.746 0.769	0.096 0.117	0.705 0.697	0.593 0.458
	= 0.6	lbl = 0.5				ort = 2351		
none	0.824	0.726	0.903	0.639	0.854	0.115	0.742	0.289
reweight_auto reweight_manual_A0.5_B1.5	$\frac{0.825}{0.834}$	0.684 0.728	$\frac{0.914}{0.929}$	0.705 0.672	0.848 0.849	0.109 0.120	0.756 0.769	0.337 0.290
mitigator_demographic_parity	0.537	0.531	0.548	0.574	0.725	0.062	0.531	0.476
mitigator_equalized_odds	0.653	0.524	0.762	0.664	0.749	0.070	0.714	0.493
none	$= 0.6 \mid 0.826$	0.737	0.908	0.500	0.861	0.092	0.771	0.263
reweight_auto	0.808	0.694	0.860	0.455	0.875	0.073	0.719	0.302
reweight_manual_A0.5_B1.5 mitigator_demographic_parity	0.831 0.626	$\frac{0.698}{0.457}$	0.910 0.702	0.509 0.714	$\frac{0.866}{0.767}$	0.081 0.061	0.768 0.669	0.303 0.564
mitigator_equalized_odds	0.697	0.490	0.815	0.812	0.780	0.073	0.764	0.540
	= 0.7 0.807		A suppo		B supp 0.790	ort = 1721	0.697	0.358
none reweight_auto	0.823	$\frac{0.749}{0.744}$	0.923	0.782 0.794	0.790	0.414	0.650	0.368
reweight_manual_A0.5_B1.5	$\frac{0.812}{0.594}$	0.770 0.641	$\frac{0.921}{0.607}$	0.801 0.660	$\frac{0.796}{0.679}$	0.441 0.298	0.690 0.534	0.344 0.419
mitigator_demographic_parity mitigator_equalized_odds	0.637	0.622	0.752	0.715	0.676	0.295	0.664	0.460
rep	= 0.7	lbl = 0.4				ort = 1792		
none reweight auto	$\frac{0.785}{0.782}$	0.757 0.810	0.839 0.895	0.556 0.765	0.853 0.814	$\frac{0.188}{0.277}$	0.692 0.773	0.252 0.235
reweight_manual_A0.5_B1.5	0.831	0.688	0.937	0.745	0.841	0.180	0.785	0.354
mitigator_demographic_parity mitigator_equalized_odds	0.654 0.666	0.472 0.467	0.761 0.826	0.797 0.810	0.751 0.734	0.118 0.118	0.714	
		lbl = 0.5		0.010				0.579 0.586
none	0.821		A suppo	rt - 4486			0.792	0.579 0.586
reweight_auto		0.720	0.903	0.546	B supp 0.855	ort = 1745 0.118	0.792	0.586
reweight manual A0.5 B1.5	0.819	0.720 0.653	0.903 0.924	0.546 0.759	B supp	$0.118 \ 0.124$	0.792 0.754 0.786	0.586 0.285 0.379
reweight_manual_A0.5_B1.5 mitigator_demographic_parity	0.819 0.822 0.675	0.720 0.653 <u>0.682</u> 0.359	0.903 0.924 0.895 0.821	0.546 0.759 0.583 <u>0.843</u>	0.855 0.839 0.861 0.748	$ \begin{array}{r} \text{ort} = 1745 \\ \hline 0.118 \\ \hline 0.124 \\ 0.110 \\ 0.076 \end{array} $	0.792 0.754 0.786 0.742 0.783	0.586 0.285 0.379 0.328 0.684
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds	0.819 0.822 0.675 0.714	0.720 0.653 0.682 0.359 0.379	0.903 0.924 0.895 0.821 <u>0.904</u>	0.546 0.759 0.583 <u>0.843</u> 0.861	0.855 0.839 0.861 0.748 0.748		0.792 0.754 0.786 0.742	0.586 0.285 0.379 0.328
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds	0.819 0.822 0.675 0.714 $= 0.7$	0.720 0.653 0.682 0.359 0.379 $1bl = 0.6$	0.903 0.924 0.895 0.821 <u>0.904</u> A suppo	0.546 0.759 0.583 <u>0.843</u> 0.861	B supp <u>0.855</u> <u>0.839</u> 0.861 0.748 0.748	$ \begin{array}{r} \text{ort} = 1745 \\ \hline 0.118 \\ \hline 0.124 \\ 0.110 \\ 0.076 \end{array} $	0.792 0.754 0.786 0.742 0.783 0.862	0.586 0.285 0.379 0.328 0.684 <u>0.665</u>
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_auto	0.819 0.822 0.675 0.714 0.847 0.840	$0.720 \\ 0.653 \\ \underline{0.682} \\ 0.359 \\ 0.379$ $1bl = 0.6 \\ 0.739 \\ \underline{0.726}$	0.903 0.924 0.895 0.821 <u>0.904</u> A suppo <u>0.929</u> 0.908	0.546 0.759 0.583 0.843 0.861 ort = 4553 0.515 0.639	B supp <u>0.855</u> <u>0.839</u> 0.861 0.748 0.748 B supp <u>0.866</u> 0.873	0.118 0.124 0.110 0.076 0.080 0.012 0.112 0.126	0.792 0.754 0.786 0.742 0.783 0.862 0.766 0.743	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289
reweight manual A0.5 B1.5 mitigator_demographic_paritymitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5	0.819 0.822 0.675 0.714 $= 0.7$ 0.847 0.840 0.848	$0.720 \\ 0.653 \\ 0.682 \\ 0.359 \\ 0.379$ $ \mathbf{lbl} = 0.6 \\ 0.739 \\ 0.726 \\ 0.713$	0.903 0.924 0.895 0.821 <u>0.904</u> A suppo <u>0.929</u> 0.908 0.934	0.546 0.759 0.583 0.843 0.861 ort = 4553 0.515 0.639 0.629	B supp <u>0.855</u> 0.839 0.861 0.748 0.748 B supp <u>0.866</u> 0.873 0.864	ort = 1745 0.118 0.124 0.110 0.076 0.080 ort = 1703 0.112 0.126 0.119	0.792 0.754 0.786 0.742 0.783 0.862 0.766 0.743 0.772	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289 0.301
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_auto	0.819 0.822 0.675 0.714 0.847 0.840	$0.720 \\ 0.653 \\ \underline{0.682} \\ 0.359 \\ 0.379$ $1bl = 0.6 \\ 0.739 \\ \underline{0.726}$	0.903 0.924 0.895 0.821 <u>0.904</u> A suppo <u>0.929</u> 0.908	0.546 0.759 0.583 0.843 0.861 ort = 4553 0.515 0.639	B supp <u>0.855</u> <u>0.839</u> 0.861 0.748 0.748 B supp <u>0.866</u> 0.873	0.118 0.124 0.110 0.076 0.080 0.012 0.112 0.126	0.792 0.754 0.786 0.742 0.783 0.862 0.766 0.743	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289
reweight manual A0.5 B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds rep	0.819 0.822 0.675 0.714 $= 0.7 \mid 0.847$ 0.840 0.848 0.685 0.721 $= 0.8 \mid 0.88$	0.720 0.653 0.682 0.359 0.379 Ibl = 0.6 0.739 0.726 0.713 0.396 0.406 Ibl = 0.0	0.903 0.924 0.895 0.821 0.904 A suppo 0.929 0.908 0.934 0.829 0.907 A suppo	0.546 0.759 0.583 0.843 0.861 ort = 4553 0.515 0.639 0.629 0.753 0.856 ort = 5040	B supp 0.855 0.839 0.861 0.748 0.748 B supp 0.866 0.873 0.864 0.754 0.753 B supp	ort = 1745 0.118 0.124 0.110 0.076 0.080 ort = 1703 0.112 0.126 0.119 0.068 0.077	0.792 0.754 0.786 0.742 0.783 0.862 0.766 0.743 0.772 0.785 0.860	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289 0.301 0.633 0.633
reweight manual _A0.5 _B1.5 mitigator _equalized_ odds rep none reweight _auto reweight _manual _A0.5 _B1.5 mitigator _equalized_ odds rewight _manual _A0.5 _B1.5 mitigator _edmographic _parity mitigator _equalized_ odds rep none	$\begin{array}{c} 0.819 \\ \textbf{0.822} \\ 0.675 \\ 0.714 \\ \hline = \textbf{0.7} \mid \\ \underline{0.847} \\ 0.840 \\ \textbf{0.685} \\ 0.721 \\ \hline = \textbf{0.8} \mid \\ \underline{0.810} \end{array}$	$\begin{array}{c} \textbf{0.720} \\ 0.653 \\ 0.653 \\ 0.682 \\ 0.359 \\ 0.379 \\ \\ \textbf{lbl} = \textbf{0.6} \\ \textbf{0.739} \\ 0.726 \\ 0.713 \\ 0.396 \\ 0.406 \\ \\ \textbf{lbl} = \textbf{0.0} \\ \textbf{0.777} \\ \end{array}$	0.903 0.924 0.895 0.821 0.904 A support of the support of t	0.546 0.759 0.583 0.861 ort = 4553 0.515 0.639 0.629 0.753 0.856 ort = 5040 0.767	B supp 0.855 0.839 0.861 0.748 0.748 B supp 0.866 0.873 0.864 0.754 0.753	ort = 1745 0.118 0.124 0.110 0.076 0.080 ort = 1703 0.112 0.126 0.119 0.068 0.077 ort = 1186 0.451	0.792 0.754 0.786 0.742 0.783 0.862 0.766 0.743 0.772 0.785 0.860	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289 0.301 0.633 0.635
reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_auto reweight_auto reweight_manual_A0.5_B1.5	$\begin{array}{c} 0.819 \\ \textbf{0.822} \\ 0.675 \\ 0.714 \\ \hline = \textbf{0.7} \mid \\ 0.847 \\ 0.840 \\ \textbf{0.848} \\ 0.685 \\ 0.721 \\ \hline = \textbf{0.8} \mid \\ 0.810 \\ \textbf{0.823} \\ 0.788 \\ \end{array}$	0.720 0.653 0.682 0.359 0.379 lbl = 0.6 0.739 0.726 0.713 0.396 0.406 lbl = 0.0 0.777 0.768 0.746	0.903 0.924 0.895 0.821 0.904 A suppo 0.908 0.934 0.829 0.907 A suppo 0.917 0.942 0.922	0.546 0.759 0.583 0.843 0.861 ort = 4553 0.515 0.639 0.629 0.753 0.856 ort = 5040 0.767 0.872 0.841	B supp 0.855 0.839 0.861 0.748 B supp 0.866 0.873 0.864 0.754 0.754 0.754 0.799 0.799	ort = 1745 0.118 0.124 0.110 0.076 0.080 ort = 1703 0.112 0.126 0.119 0.068 0.077 ort = 1186 0.446 0.449	0.792 0.754 0.786 0.742 0.783 0.862 0.766 0.772 0.785 0.869 0.706	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289 0.301 0.633 0.635 0.325 0.374 0.384
reweight manual A0.5 B1.5 mitigator_equalized_odds rep none reweight_auto reweight manual A0.5 B1.5 mitigator_equalized_odds reitigator_demographic_parity mitigator_equalized_odds rep none rep none	$\begin{array}{c} 0.819 \\ \textbf{0.822} \\ 0.675 \\ 0.714 \\ \hline = \textbf{0.7} \mid \\ 0.847 \\ 0.840 \\ \textbf{0.848} \\ 0.685 \\ 0.721 \\ \hline = \textbf{0.8} \mid \\ 0.810 \\ \textbf{0.823} \end{array}$	$\begin{array}{c} \textbf{0.720} \\ 0.653 \\ 0.653 \\ 0.682 \\ 0.359 \\ 0.379 \\ \hline \\ \textbf{lbl} = \textbf{0.6} \\ \textbf{0.739} \\ 0.726 \\ 0.713 \\ 0.396 \\ 0.406 \\ \hline \\ \textbf{lbl} = \textbf{0.0} \\ \textbf{0.777} \\ 0.768 \\ \end{array}$	0.903 0.924 0.895 0.821 0.904 A support of the support of t	0.546 0.759 0.583 0.843 0.861 ort = 4553 0.515 0.629 0.753 0.856 ort = 5040 0.767 0.872	B supp 0.855 0.839 0.861 0.748 B supp 0.866 0.873 0.864 0.753 B supp 0.796 0.799	ort = 1745 0.118 0.124 0.110 0.076 0.080 ort = 1703 0.112 0.126 0.119 0.068 0.077 ort = 1186 0.446	0.792 0.754 0.786 0.742 0.783 0.862 0.766 0.743 0.772 0.785 0.860	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289 0.301 0.633 0.635 0.325 0.374
reweight manual A0.5 B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_auto reweight manual_A0.5 B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_auto reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds	$\begin{array}{c} 0.819 \\ \textbf{0.822} \\ 0.675 \\ 0.714 \\ \hline = \textbf{0.7} \mid \\ 0.847 \\ 0.848 \\ 0.685 \\ 0.721 \\ \hline = \textbf{0.8} \mid \\ 0.810 \\ 0.823 \\ 0.788 \\ 0.624 \\ \end{array}$	$\begin{array}{c} \textbf{0.720} \\ 0.653 \\ 0.682 \\ 0.359 \\ 0.379 \\ \hline \\ \textbf{1bl} = \textbf{0.6} \\ \textbf{0.739} \\ 0.726 \\ 0.713 \\ 0.396 \\ 0.406 \\ \hline \\ \textbf{1bl} = \textbf{0.0} \\ \textbf{0.777} \\ 0.768 \\ 0.768 \\ 0.768 \\ 0.003 \\ \hline \\ \textbf{0.003} \\ 0.003 \\ \hline \end{array}$	0.903 0.924 0.895 0.821 0.904 A suppo 0.907 A suppo 0.917 0.942 0.922 0.690 0.754	$\begin{array}{c} 0.546 \\ 0.759 \\ 0.583 \\ 0.843 \\ \textbf{0.861} \\ \hline \text{ort} & = 4553 \\ 0.639 \\ 0.629 \\ 0.769 \\ 0.767 \\ \textbf{0.872} \\ 0.872 \\ 0.872 \\ 0.727 \\ 0.727 \\ \end{array}$	B supp 0.855 0.839 0.861 0.748 0.748 B supp 0.866 0.873 0.864 0.753 B supp 0.796 0.796 0.796 0.799 0.684 0.675	$\begin{array}{c} \text{cort} = 1745 \\ 0.118 \\ 0.124 \\ 0.110 \\ 0.076 \\ 0.080 \\ \hline \text{cort} = 1703 \\ 0.112 \\ 0.126 \\ 0.119 \\ 0.068 \\ 0.077 \\ \hline \text{cort} = 1186 \\ 0.451 \\ 0.446 \\ 0.419 \\ 0.301 \\ 0.287 \\ \end{array}$	0.792 0.754 0.786 0.742 0.783 0.862 0.766 0.742 0.785 0.860 0.689 0.706 0.716 0.604	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289 0.301 0.633 0.633 0.633 0.325 0.374 0.384 0.462
reweight manual A0.5 B1.5 none reweight auto reweight auto reweight auto reweight manual A0.5 B1.5 rep none reweight manual A0.5 B1.5 rep none reweight auto rep none reweight auto reweight auto rep none reweight auto reweight parity mitigator demographic parity mitigator equalized odds rep none	$\begin{array}{c} 0.819 \\ \textbf{0.822} \\ 0.675 \\ 0.714 \\ = \textbf{0.7} \\ 0.840 \\ \textbf{0.848} \\ 0.685 \\ 0.721 \\ = \textbf{0.8} \\ 0.810 \\ \textbf{0.823} \\ 0.788 \\ 0.624 \\ 0.636 \\ = \textbf{0.8} \\ 0.845 \\ \end{array}$	$\begin{array}{c} \textbf{0.720} \\ 0.653 \\ 0.682 \\ 0.359 \\ 0.379 \\ \textbf{0.379} \\ \textbf{0.739} \\ 0.726 \\ 0.773 \\ 0.396 \\ 0.406 \\ 0.406 \\ \textbf{0.777} \\ 0.768 \\ 0.625 \\ 0.625 \\ 0.635 \\ \textbf{0.625} \\$	0.903 0.924 0.895 0.891 0.904 A suppo 0.908 0.907 A suppo 0.907 A suppo 0.917 0.942 0.992 0.690 0.754 A suppo 0.754	0.546 0.759 0.583 0.843 0.861 ort = 4553 0.515 0.629 0.629 0.753 0.856 0.767 0.872 0.841 0.727 0.727 0.727 0.727 0.727	B supp 0.855 0.839 0.861 0.748 0.748 B supp 0.866 0.873 0.864 0.753 B supp 0.796 0.799 0.684 0.684 0.675 B supp 0.684 0.799 0.799 0.799 0.896 0.89	ort = 1745 0.118 0.124 0.110 0.076 0.080 ort = 1703 0.112 0.126 0.119 0.068 0.077 ort = 1186 0.446 0.419 0.301 0.301 0.287	0.792 0.754 0.786 0.742 0.783 0.862 0.766 0.743 0.775 0.860 0.689 0.706 0.717 0.604 0.608	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289 0.301 0.633 0.633 0.633 0.325 0.374 0.384 0.462 0.484
reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_auto reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds	$\begin{array}{c} 0.819 \\ \textbf{0.822} \\ 0.675 \\ 0.714 \\ \hline \\ 0.847 \\ 0.840 \\ \textbf{0.848} \\ 0.685 \\ 0.721 \\ \hline \\ 0.823 \\ 0.788 \\ 0.624 \\ 0.636 \\ \hline \\ 0.845 \\ 0.636 \\ \hline \\ 0.845 \\ 0.845 \\ 0.845 \\ 0.845 \\ 0.845 \\ 0.845 \\ 0.845 \\ 0.845 \\ 0.845 \\ 0.847 \\ \end{array}$	0.720 0.653 0.682 0.359 0.379 0.726 0.739 0.26 0.746 0.406 lbl = 0.0 0.7768 0.746 0.625 0.603	0.903 0.924 0.895 0.821 0.904 A suppo 0.929 0.908 0.934 0.829 0.907 A suppo 0.917 0.942 0.922 0.690 0.754	$\begin{array}{c} 0.546 \\ 0.759 \\ 0.759 \\ 0.843 \\ 0.861 \\ 0.813 \\ 0.861 \\ 0.813 \\ 0.856 \\ 0.629 \\ 0.629 \\ 0.639 \\ 0.629 \\ 0.639 \\ 0.629 \\ 0.753 \\ 0.856 \\ \text{ort} = 5040 \\ 0.767 \\ 0.872 \\ 0.841 \\ 0.727 \\ 0.727 \\ \text{ort} = 5100 \\ \end{array}$	B supp 0.855 0.839 0.861 0.748 0.748 B supp 0.866 0.873 0.864 0.754 0.754 0.759 0.799 0.799 0.684 0.675 B supp 0.799 0.665 0.799 0.675 0.684 0.675	$\begin{array}{l} \text{ort} = 1745 \\ \underline{0.118} \\ 0.124 \\ 0.120 \\ 0.110 \\ 0.076 \\ 0.080 \\ \text{ort} = 1703 \\ 0.112 \\ 0.126 \\ 0.126 \\ 0.126 \\ 0.126 \\ 0.026 \\ 0.007 \\ \text{ort} = 1186 \\ 0.451 \\ 0.419 \\ 0.301 \\ 0.287 \\ \text{ort} = 1151 \\ \end{array}$	0.792 0.754 0.786 0.742 0.783 0.862 0.766 0.743 0.772 0.785 0.860 0.689 0.706 0.717 0.604 0.668	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289 0.301 0.633 0.635 0.325 0.374 0.384 0.462 0.484
reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_auto reweight_auto reweight_oemographic_parity mitigator_equalized_odds rep none rep none rep none rep none reweight_auto reweight_auto reweight_oemographic_parity mitigator_equalized_odds	$\begin{array}{c} 0.819 \\ 0.822 \\ 0.675 \\ 0.714 \\ \hline = 0.7 \mid \\ 0.847 \\ 0.840 \\ 0.685 \\ 0.721 \\ \hline = 0.8 \mid \\ 0.810 \\ 0.823 \\ 0.782 \\ 0.624 \\ 0.636 \\ \hline = 0.8 \mid \\ 0.845 \\ 0.827 \\ 0.716 \\ \hline \end{array}$	$\begin{array}{c} \textbf{0.720} \\ \textbf{0.653} \\ \textbf{0.653} \\ \textbf{0.682} \\ \textbf{0.359} \\ \textbf{0.379} \\ \textbf{0.739} \\ \textbf{0.773} \\ \textbf{0.713} \\ \textbf{0.396} \\ \textbf{0.406} \\ \textbf{1b1} = \textbf{0.0} \\ \textbf{0.777} \\ \textbf{0.603} \\ \textbf{0.605} \\ \textbf{0.605} \\ \textbf{0.605} \\ \textbf{0.605} \\ \textbf{0.780} \\ \textbf{0.780} \\ \textbf{0.411} \\ \textbf{0.780} \\ \textbf{0.411} \end{array}$	0.903 0.924 0.895 0.821 0.904 0.908 0.929 0.908 0.829 0.907 0.917 0.942 0.922 0.690 0.754 A suppo 0.936 0.899 0.936 0.899 0.945 0.899	0.546 0.759 0.759 0.861 ort = 4553 0.515 0.639 0.629 0.753 0.876 0.876 0.872 0.872 0.872 0.640 0.663 0.605 0.630	B supp 0.855 0.839 0.861 0.748 0.748 0.748 0.754 0.754 0.754 0.754 0.754 0.754 0.756 0.864 0.675 B supp 0.684 0.675 B supp 0.866 0.861 0.861 0.861	ort = 1745 0.118 0.124 0.110 0.126 0.076 0.080 ort = 1703 0.112 0.126 0.119 0.068 0.077 0.149 0.446 0.449 0.301 0.287 ort = 1151 0.277 ort = 110 0.287	0.792 0.754 0.786 0.742 0.783 0.802 0.766 0.743 0.772 0.785 0.860 0.706 0.717 0.604 0.706 0.717 0.608	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289 0.301 0.633 0.635 0.325 0.325 0.374 0.384 0.462 0.484
reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_auto reweight_demographic_parity mitigator_demographic_parity mitigator_equalized_odds	$\begin{array}{l} 0.819 \\ 0.822 \\ 0.675 \\ 0.714 \\ \hline = 0.7 \\ 0.847 \\ 0.848 \\ 0.685 \\ 0.721 \\ \hline = 0.8 \\ 0.823 \\ 0.788 \\ 0.623 \\ 0.845 \\ 0.636 \\ \hline = 0.8 \\ 0.845 \\ 0.827 \\ 0.837 \\ 0.716 \\ 0.731 \\ \hline \end{array}$	$\begin{array}{c} \textbf{0.720} \\ \textbf{0.653} \\ \textbf{0.653} \\ \textbf{0.653} \\ \textbf{0.359} \\ \textbf{0.379} \\ \textbf{0.379} \\ \textbf{0.713} \\ \textbf{0.396} \\ \textbf{0.713} \\ \textbf{0.406} \\ \textbf{1b1} = \textbf{0.0} \\ \textbf{0.777} \\ \textbf{0.406} \\ \textbf{0.406} \\ \textbf{1b1} = \textbf{0.0} \\ \textbf{0.7746} \\ \textbf{0.603} \\ \textbf{1b1} = \textbf{0.4} \\ \textbf{0.625} \\ \textbf{0.603} \\ \textbf{1b1} = \textbf{0.4} \\ \textbf{0.761} \\ \textbf{0.744} \\ \textbf{0.781} \\ \textbf{0.7810} \\ \textbf{0.424} \\ \end{array}$	0.903 0.924 0.895 0.821 0.904 0.908 0.929 0.908 0.829 0.907 0.917 0.942 0.922 0.690 0.754 0.899 0.936 0.899 0.947	0.546 0.759 0.863 0.843 0.815 ort = 4553 0.515 0.629 0.767 0.876 0.876 0.872 0.814 0.727 0.727 ort = 5100 0.605 0.603 0.603 0.603 0.727	B supp 0.855 0.839 0.861 0.748 0.748 0.748 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.754 0.766 0.766 0.766 0.766 0.864 0.861 0.861 0.862 0.762 0.762 0.762 0.762 0.763 0.764 0.764 0.765 0.765 0.765 0.766 0.861 0.862 0.765	ort = 1745 0.118 0.124 0.120 0.124 0.110 0.076 0.080 ort = 1703 0.122 0.126 0.112 0.068 0.077 0.068 0.077 0.068 0.077 0.068 0.077 0.071 0.071 0.071 0.077 0.072 0.030 0.077	0.792 0.754 0.786 0.742 0.783 0.862 0.766 0.743 0.772 0.785 0.669 0.706 0.717 0.668 0.767 0.733 0.767	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289 0.301 0.633 0.633 0.325 0.374 0.384 0.462 0.484
reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_auto reweight_demographic_parity mitigator_demographic_parity mitigator_equalized_odds	$\begin{array}{l} 0.819 \\ 0.822 \\ 0.675 \\ 0.714 \\ \hline = 0.7 \\ 0.847 \\ 0.848 \\ 0.685 \\ 0.721 \\ \hline = 0.8 \\ 0.823 \\ 0.788 \\ 0.624 \\ 0.823 \\ 0.788 \\ 0.624 \\ 0.636 \\ 0.636 \\ 0.636 \\ 0.636 \\ 0.731 \\ \hline = 0.8 \\ 0.731 \\ \hline = 0.8 \\ 0.731 \\ \hline \end{array}$	$\begin{array}{c} \textbf{0.720} \\ \textbf{0.653} \\ \textbf{0.653} \\ \textbf{0.652} \\ \textbf{0.359} \\ \textbf{0.379} \\ \textbf{1b1} = \textbf{0.6} \\ \textbf{0.739} \\ \textbf{0.726} \\ \textbf{0.713} \\ \textbf{0.396} \\ \textbf{0.406} \\ \textbf{1b1} = \textbf{0.0} \\ \textbf{0.777} \\ \textbf{0.768} \\ \textbf{0.625} \\ \textbf{0.605} \\ \textbf{0.625} \\ \textbf{0.600} \\ \textbf{1b1} = \textbf{0.4} \\ \textbf{0.761} \\ \textbf{0.744} \\ \textbf{0.780} \\ \textbf{0.441} \\ \textbf{0.424} \\ \textbf{1b1} = \textbf{0.5} \end{array}$	0.903 0.924 0.895 0.821 0.904 A suppo 0.929 0.908 0.904 0.829 0.907 A suppo 0.917 0.942 0.992 0.690 0.754 A suppo 0.936 0.899 0.945 0.890 0.945	0.546 0.759 0.759 0.583 0.841 ort = 4553 0.639 0.629 0.753 0.856 ort = 5040 0.707 0.727	B supp 0.855 0.839 0.861 0.748 B supp 0.866 0.873 B supp 0.796 0.799 0.769 0.664 0.753 B supp 0.799 0.769 0.684 0.675 B supp 0.799 0.864 0.753 B supp 0.799 0.864 0.753 B supp 0.759 0.769 0.873 B supp 0.873 0.769 0.873 0.753 B supp 0.759 0.769 0.873 0.753 0.753 0.753 0.753 0.753 0.753 0.754 0.755 0.755 0.755 0.755 0.842 0.752 0.752 0.752 0.752 0.752 0.753 0.842 0.753 0.842 0.753 0.842 0.753 0.842 0.753 0.842 0.753 0.842 0.754 0.842 0.755 0.842 0.755 0.844 0.844 0.845 0.755 0.845 0.755 0.845 0.755 0.845 0.755 0.845 0.755 0.755 0.755 0.845 0.755 0.755 0.755 0.755 0.845 0.755 0.7	ort = 1745 0.118 0.124 0.124 0.110 0.076 0.080 ort = 1703 0.112 0.126 0.119 0.068 0.077 ort = 1186 0.451 0.446 0.419 0.301 0.287 0.071 0.172 0.172 0.172 0.173 0.106 0.203 0.106 0.203	0.792 0.754 0.786 0.742 0.783 0.862 0.766 0.743 0.772 0.785 0.860 0.706 0.717 0.668 0.767 0.738 0.788 0.830 0.896	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289 0.301 0.633 0.633 0.633 0.325 0.374 0.384 0.462 0.484 0.255 0.277 0.244 0.653 0.647
reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_manual_A0.5_B1.5 mitigator_parity_mitigator_parity_mitigator_equalized_odds rep none reweight_auto rep none rep none rep	$\begin{array}{l} 0.819 \\ 0.825 \\ 0.675 \\ 0.714 \\ = 0.7 \mid \\ 0.847 \\ 0.840 \\ 0.848 \\ 0.685 \\ 0.721 \\ = 0.8 \mid \\ 0.810 \\ 0.838 \\ 0.624 \\ 0.636 \\ = 0.8 \mid \\ 0.827 \\ 0.837 \\ 0.716 \\ 0.731 \\ = 0.8 \mid \\ 0.845 \\ 0.827 \\ 0.831 \\ 0.821 \\ \end{array}$	$\begin{array}{c} \textbf{0.720} \\ \textbf{0.653} \\ \textbf{0.653} \\ \textbf{0.652} \\ \textbf{0.359} \\ \textbf{0.379} \\ \textbf{0.379} \\ \textbf{0.739} \\ \textbf{0.726} \\ \textbf{0.713} \\ \textbf{0.396} \\ \textbf{0.406} \\ \textbf{0.406} \\ \textbf{1bl} = \textbf{0.0} \\ \textbf{0.777} \\ \textbf{0.768} \\ \textbf{0.625} \\ \textbf{0.625} \\ \textbf{0.625} \\ \textbf{0.625} \\ \textbf{0.625} \\ \textbf{0.441} \\ \textbf{0.780} \\ \textbf{0.411} \\ \textbf{0.424} \\ \textbf{1bl} = \textbf{0.5} \\ \textbf{0.669} \\ \textbf{0.650} \\ \textbf{0.650} \\ \textbf{0.669} \\ \textbf$	0.903 0.924 0.895 0.821 0.904 0.904 0.909 0.908 0.908 0.908 0.907 0.917 0.942 0.907 0.942 0.906 0.936 0.839 0.906 0.899 0.907	0.546 0.759 0.759 0.583 0.843 0.861 ort = 4553 0.515 0.639 0.753 0.856 ort = 5040 0.767 0.872 0.841 0.727 0.727 0.727 0.663 0.930 0.663 0.930 0.977 ort = 5027 0.673 0.510	B supp 0.855 0.839 0.861 0.748 B supp 0.866 0.873 0.864 0.753 B supp 0.796 0.799 0.769 0.664 0.675 B supp 0.796 0.675 B supp 0.796 0.675 B supp 0.796 0.684 0.675 B supp 0.866 0.873 B supp 0.866 0.873 B supp 0.875 0.8	ort = 1745 0.118 0.124 0.120 0.124 0.110 0.076 0.080 ort = 1703 0.126 0.112 0.068 0.077 ort = 1186 0.451 0.446 0.419 0.301 0.287 ort = 1151 0.177 0.172 0.203 0.106 0.113 ort = 1178 0.081	0.792 0.754 0.786 0.742 0.783 0.862 0.766 0.743 0.772 0.785 0.800 0.689 0.706 0.714 0.608 0.767 0.788 0.830 0.890 0.890 0.895 0.753	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289 0.301 0.633 0.635 0.325 0.374 0.384 0.462 0.484 0.255 0.277 0.244 0.653 0.6447
reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds reweight_manual_A0.5_B1.5 mitigator_equalized_odds reweight_auto reweight_auto reweight_auto reweight_oemographic_parity mitigator_equalized_odds rep none rep rep none	$\begin{array}{c} 0.819 \\ 0.822 \\ 0.822 \\ 0.714 \\ \hline = 0.7 \\ 0.847 \\ 0.848 \\ 0.685 \\ 0.721 \\ \hline = 0.8 \\ 0.6810 \\ 0.823 \\ 0.624 \\ 0.636 \\ \hline = 0.8 \\ 0.827 \\ 0.837 \\ 0.716 \\ 0.731 \\ \hline = 0.8 \\ 0.831 \\ 0.821 \\ 0.831 \\ $	$\begin{array}{c} \textbf{0.720} \\ \textbf{0.653} \\ \textbf{0.653} \\ \textbf{0.653} \\ \textbf{0.682} \\ \textbf{0.359} \\ \textbf{0.379} \\ \textbf{0.379} \\ \textbf{0.726} \\ \textbf{0.773} \\ \textbf{0.796} \\ \textbf{0.406} \\ \textbf{0.768} \\ \textbf{0.746} \\ \textbf{0.625} \\ \textbf{0.603} \\ \textbf{1bl} = \textbf{0.0} \\ \textbf{0.746} \\ \textbf{0.760} \\ \textbf{0.411} \\ \textbf{0.424} \\ \textbf{1bl} = \textbf{0.5} \\ \textbf{0.669} \\ \textbf{0.650} \\ \textbf{0.6750} \\ 0$	0.903 0.924 0.895 0.821 0.904 A suppo 0.929 0.908 0.903 0.907 A suppo 0.917 A suppo 0.942 0.922 0.690 0.754 A suppo 0.936 0.899 0.945 0.890 0.947	0.546 0.759 0.759 0.583 0.843 0.861 ort = 4553 0.615 0.639 0.753 0.856 ort = 5040 0.767 0.872 0.727 0.727 ort = 5100 0.603 0.930 0.977 ort = 5027 0.673 0.510 0.551	B supp 0.855 0.839 0.861 0.748 B supp 0.864 0.753 0.864 0.753 B supp 0.799 0.799 0.684 0.675 B supp 0.685 0.861 0.861 0.862 0.752 0.812 0.853 0.839 0.839 0.839 0.835	ort = 1745 0.118 0.124 0.110 0.124 0.110 0.076 0.080 ort = 1703 0.112 0.126 0.119 0.068 0.077 0.077 0.077 0.081 0.041 0.441 0.441 0.301 0.287 ort = 1151 0.177 0.172 0.203 0.106 0.113 ort = 1178 0.061 0.061	0.792 0.754 0.786 0.742 0.783 0.862 0.766 0.772 0.785 0.860 0.706 0.717 0.668 0.706 0.717 0.668 0.706 0.733 0.783 0.886 0.896 0.707 0.733 0.788 0.896 0.896 0.707 0.733 0.788 0.896 0.777	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289 0.301 0.633 0.635 0.325 0.374 0.384 0.462 0.484 0.255 0.277 0.244 0.653 0.647
reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_manual_A0.5_B1.5 mitigator_parity_mitigator_parity_mitigator_equalized_odds rep none reweight_auto rep none rep none rep	$\begin{array}{l} 0.819 \\ 0.825 \\ 0.675 \\ 0.714 \\ = 0.7 \mid \\ 0.847 \\ 0.840 \\ 0.848 \\ 0.685 \\ 0.721 \\ = 0.8 \mid \\ 0.810 \\ 0.838 \\ 0.624 \\ 0.636 \\ = 0.8 \mid \\ 0.827 \\ 0.837 \\ 0.716 \\ 0.731 \\ = 0.8 \mid \\ 0.845 \\ 0.827 \\ 0.831 \\ 0.821 \\ \end{array}$	$\begin{array}{c} \textbf{0.720} \\ \textbf{0.653} \\ \textbf{0.653} \\ \textbf{0.652} \\ \textbf{0.359} \\ \textbf{0.379} \\ \textbf{0.379} \\ \textbf{0.739} \\ \textbf{0.726} \\ \textbf{0.713} \\ \textbf{0.396} \\ \textbf{0.406} \\ \textbf{0.406} \\ \textbf{1bl} = \textbf{0.0} \\ \textbf{0.777} \\ \textbf{0.768} \\ \textbf{0.625} \\ \textbf{0.625} \\ \textbf{0.625} \\ \textbf{0.625} \\ \textbf{0.625} \\ \textbf{0.441} \\ \textbf{0.780} \\ \textbf{0.411} \\ \textbf{0.424} \\ \textbf{1bl} = \textbf{0.5} \\ \textbf{0.669} \\ \textbf{0.650} \\ \textbf{0.650} \\ \textbf{0.669} \\ \textbf$	0.903 0.924 0.895 0.821 0.904 A suppo 0.929 0.908 0.934 0.829 0.907 A suppo 0.917 0.942 0.922 0.690 0.754 A suppo 0.936 0.893 0.945 0.890 0.946 0.902 0.902 0.902	0.546 0.759 0.759 0.583 0.843 0.861 ort = 4553 0.515 0.639 0.753 0.856 ort = 5040 0.767 0.872 0.841 0.727 0.727 0.727 0.663 0.930 0.663 0.930 0.977 ort = 5027 0.673 0.510	B supp 0.855 0.839 0.861 0.748 B supp 0.866 0.873 0.864 0.753 B supp 0.796 0.799 0.769 0.664 0.675 B supp 0.796 0.675 B supp 0.796 0.675 B supp 0.796 0.684 0.675 B supp 0.866 0.873 B supp 0.866 0.873 B supp 0.875 0.8	ort = 1745 0.118 0.124 0.120 0.124 0.110 0.076 0.080 ort = 1703 0.126 0.112 0.068 0.077 ort = 1186 0.451 0.446 0.419 0.301 0.287 ort = 1151 0.177 0.172 0.203 0.106 0.113 ort = 1178 0.081	0.792 0.754 0.786 0.742 0.783 0.862 0.766 0.743 0.772 0.785 0.800 0.689 0.706 0.714 0.608 0.767 0.788 0.830 0.890 0.890 0.895 0.753	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289 0.301 0.633 0.635 0.325 0.374 0.384 0.462 0.484 0.255 0.277 0.244 0.653 0.6447
reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_manual_A0.5_B1.5 mitigator_equalized_odds reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_auto reweight_auto reweight_auto reweight_demographic_parity mitigator_equalized_odds rep none reweight_auto rep none	0.819 0.820 0.875 0.714 0.840 0.848 0.840 0.848 0.821 0.823 0.721 0.840 0.810 0.823 0.784 0.636 0.824 0.636 0.824 0.636 0.845 0.845 0.731 0.731 0.835 0.702 0.702 0.702 0.702	$\begin{array}{c} \textbf{0.720} \\ \textbf{0.653} \\ \textbf{0.653} \\ \textbf{0.682} \\ \textbf{0.359} \\ \textbf{0.379} \\ \textbf{Ibl} = \textbf{0.6} \\ \textbf{0.739} \\ \textbf{0.936} \\ \textbf{0.946} \\ \textbf{0.977} \\ \textbf{0.603} \\ \textbf{0.746} \\ \textbf{0.603} \\ \textbf{0.603} \\ \textbf{0.603} \\ \textbf{Ibl} = \textbf{0.4} \\ \textbf{0.761} \\ \textbf{0.744} \\ \textbf{0.780} \\ \textbf{0.411} \\ \textbf{0.424} \\ \textbf{0.650} \\ \textbf{0.650} \\ \textbf{0.718} \\ \textbf{0.441} \\ \textbf{0.441} \\ \textbf{0.432} \\ \textbf{0.441} \\ \textbf{0.442} \\ \textbf{0.441} \\ \textbf{0.422} \\ \textbf{0.650} \\ \textbf{0.718} \\ \textbf{0.441} \\ \textbf{0.422} \\ \textbf{0.411} \\ \textbf{0.422} \\ \textbf{0.422} \\ \textbf{0.423} \\ \textbf{0.423} \\ \textbf{0.423} \\ \textbf{0.423} \\ \textbf{0.423} \\ \textbf{0.423} \\ \textbf{0.424} \\ \textbf{0.424} \\ \textbf{0.425} \\ \textbf$	0.903 0.924 0.895 0.821 0.904 A suppe 0.908 0.939 0.907 0.917 0.942 0.907 0.945 0.899 0.945 0.890 0.946 0.902 0.902 0.892 0.899 0.899 0.899 0.899	0.546 0.759 0.759 0.583 0.843 0.861 ort = 4553 0.629 0.629 0.763 0.856 0.767 0.872 0.727 ort = 5040 0.663 0.930 0.977 ort = 5027 0.673 0.510 0.551 0.714 0.774 0.774 0.774 0.774 0.775 ort = 5027 0.673 0.510 0.551 0.714 0.774 0.774 0.774 0.774 0.774 0.774 0.774 0.774 0.774 0.774 0.774 0.774 0.774 0.774 0.774 0.774 0.774	B supp 0.855 0.865 0.748 0.748 1 B supp 0.866 0.873 0.864 0.753 1 B supp 0.866 0.873 0.769 0.769 0.873 0.866 0.769 0.769 0.873 0.866 0.769 0.873 0.874 0.875 0.769 0.875 0.875 0.875 0.875 0.875 0.875 0.875 0.769 0.875 0.875 0.875 0.769 0.875 0.769 0.875 0.769 0.875 0.769 0.875 0.769	ort = 1745 0.118 0.124 0.110 0.124 0.110 0.076 0.080 ort = 1703 0.112 0.126 0.119 0.068 0.077 0.451 0.449 0.301 0.287 ort = 1151 0.177 0.172 0.203 0.106 0.113 ort = 1178 0.061 0.081 0.061 0.082 0.055 ort = 1112	0.792 0.754 0.786 0.742 0.783 0.862 0.766 0.772 0.785 0.860 0.706 0.717 0.766 0.717 0.785 0.890 0.706 0.717 0.733 0.783 0.896 0.896 0.707 0.733 0.783 0.783 0.783	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.263 0.263 0.633 0.6335 0.325 0.374 0.384 0.462 0.484 0.255 0.277 0.244 0.653 0.647 0.346 0.351 0.286 0.576 0.591
reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep 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 rep none	0.819 0.822 0.675 0.714 0.714 0.870 0.846 0.847 0.840 0.848 0.848 0.810 0.823 0.721 0.624 0.636 0.827 0.716 0.731 0.837 0.716 0.731 0.821 0.837 0.716 0.731	$\begin{array}{c} \textbf{0.720} \\ \textbf{0.653} \\ \textbf{0.652} \\ \textbf{0.5379} \\ \textbf{0.379} \\ \textbf{0.379} \\ \textbf{0.739} \\ \textbf{0.739} \\ \textbf{0.739} \\ \textbf{0.739} \\ \textbf{0.739} \\ \textbf{0.746} \\ \textbf{0.746} \\ \textbf{0.396} \\ \textbf{0.396} \\ \textbf{0.396} \\ \textbf{0.396} \\ \textbf{0.396} \\ \textbf{0.396} \\ \textbf{0.406} \\ \textbf{0.777} \\ \textbf{0.768} \\ \textbf{0.603} \\ \textbf{0.761} \\ \textbf{0.761} \\ \textbf{0.780} \\ \textbf{0.414} \\ \textbf{0.780} \\ \textbf{0.414} \\ \textbf{0.424} \\ \textbf{1b1} = \textbf{0.5} \\ \textbf{0.669} \\ \textbf{0.505} \\ \textbf{0.744} \\ \textbf{0.432} \\ \textbf{1b1} = \textbf{0.6} \\ \textbf{0.411} \\ \textbf{0.432} \\ \textbf{1b1} = \textbf{0.6} \\ \textbf{0.794} \\ \textbf{0.794} \\ \textbf{0.603} \\ \textbf{0.794} \\ 0.$	0.903 0.924 0.895 0.821 0.895 0.821 0.904 0.909 0.908 0.908 0.907 0.917 0.942 0.907 0.942 0.996 0.829 0.907 0.945 0.899 0.945 0.890 0.945 0.890 0.945 0.890 0.945 0.890 0.945 0.890 0.945 0.890 0.945 0.890 0.945 0.890 0.945 0.890 0.945 0.890 0.945 0.990 0.945 0.890 0.945 0.990 0.945 0.990 0.945 0.990 0.945 0.990 0.945 0.990 0.945 0.990 0.945 0.990	0.546 0.759 0.759 0.583 0.843 0.861 ort = 4553 0.515 0.639 0.753 0.866 ort = 5040 0.707 0.872 0.841 0.727 0.727 ort = 5100 0.605 0.640 0.663 0.9307 ort = 5027 0.673	B supp 0.855 0.861 0.748 0.748 1 B supp 0.756 0.7	ort = 1745 0.118 0.124 0.110 0.124 0.110 0.076 0.080 ort = 1703 0.112 0.126 0.112 0.008 0.077 ort = 1186 0.451 0.449 0.301 0.287 ort = 1151 0.177 0.172 0.203 0.106 0.113 ort = 1178 0.081 0.061 0.082 0.052 0.055 ort = 1112 0.095	0.792 0.754 0.786 0.742 0.788 0.762 0.766 0.743 0.772 0.783 0.772 0.780 0.800 0.689 0.706 0.704 0.608 0.767 0.738 0.788 0.830 0.890 0.895 0.796 0.895 0.796 0.895	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289 0.301 0.633 0.635 0.325 0.374 0.384 0.462 0.484 0.255 0.277 0.244 0.653 0.653 0.653
reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep 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 rep none reweight_auto reweight_auto reweight_auto reweight_odds rep none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_odds rep none reweight_auto reweight_manual_A0.5_B1.5	0.819 0.822 0.675 0.714 0.714 0.870 0.840 0.848 0.685 0.721 0.828 0.624 0.636 0.831 0.821 0.726 0.726 0.727 0.727 0.724 0.734 0.734 0.734 0.734	$\begin{array}{c} \textbf{0.720} \\ \textbf{0.653} \\ \textbf{0.653} \\ \textbf{0.652} \\ \textbf{0.359} \\ \textbf{0.379} \\ \textbf{Ibl} = \textbf{0.6} \\ \textbf{0.739} \\ \textbf{0.726} \\ \textbf{0.740} \\ \textbf{0.730} \\ \textbf{0.396} \\ \textbf{0.406} \\ \textbf{0.966} \\ \textbf{0.406} \\ \textbf{0.777} \\ \textbf{0.625} \\ \textbf{0.603} \\ \textbf{0.746} \\ \textbf{0.625} \\ \textbf{0.603} \\ \textbf{Ibl} = \textbf{0.4} \\ \textbf{0.761} \\ \textbf{0.744} \\ \textbf{0.780} \\ \textbf{0.411} \\ \textbf{0.424} \\ \textbf{Ibl} = \textbf{0.5} \\ \textbf{0.650} \\ \textbf{0.714} \\ \textbf{0.432} \\ \textbf{1bl} = \textbf{0.5} \\ \textbf{0.650} \\ \textbf{0.7141} \\ \textbf{0.432} \\ \textbf{1bl} = \textbf{0.5} \\ \textbf{0.660} \\ \textbf{0.729} \\ \textbf{0.725} \\ \textbf{0.655} \\ \textbf{0.650} \\ \textbf{0.729} \\ \textbf{0.725} \\ \textbf{0.650} \\ \textbf{0.729} \\ \textbf{0.650} \\ \textbf{0.729} \\ \textbf{0.725} \\ \textbf{0.650} \\ \textbf{0.650} \\ \textbf{0.650} \\ \textbf{0.729} \\ \textbf{0.725} \\ \textbf{0.650} \\ \textbf{0.650} \\ \textbf{0.729} \\ \textbf{0.725} \\ \textbf{0.650} \\ \textbf{0.650} \\ \textbf{0.729} \\ \textbf{0.725} \\ \textbf{0.650} \\ \textbf{0.650} \\ \textbf{0.650} \\ \textbf{0.729} \\ \textbf{0.725} \\ \textbf{0.650} \\ \textbf{0.650} \\ \textbf{0.650} \\ \textbf{0.729} \\ \textbf{0.650} \\ \textbf{0.650} \\ \textbf{0.729} \\ \textbf{0.650} \\ \textbf{0.650} \\ \textbf{0.650} \\ \textbf{0.650} \\ \textbf{0.729} \\ \textbf{0.650} \\ \textbf{0.729} \\ \textbf{0.650} \\ \textbf$	0.903 0.924 0.895 0.821 0.904 0.904 0.908 0.908 0.908 0.907 0.917 0.942 0.902 0.907 0.945 0.899 0.945 0.899 0.945 0.899 0.945 0.899 0.945 0.899 0.945 0.899 0.945 0.899 0.945 0.899 0.945 0.899 0.945 0.899 0.945 0.899 0.945 0.899 0.945 0.899	0.546 0.759 0.759 0.583 0.843 0.861 ort = 4553 0.515 0.639 0.753 0.866 ort = 5040 0.707 0.872 0.841 0.727 0.727 ort = 5100 0.605 0.640 0.663 0.937 0.510 0.511 0.771 0.772 ort = 5027 0.673 0.797 0.	B supp 0.855 0.853 0.861 B supp 0.866 0.873 0.864 0.754 0.753 0.866 0.873 0.893 0.799 0.695 0.799 0.695 0.799 0.695 0.799 0.895 0.895 0.799 0.895 0.8	ort = 1745 0.118 0.124 0.110 0.124 0.110 0.076 0.080 ort = 1703 0.122 0.126 0.108 0.077 0.088 0.077 1.126 0.449 0.301 0.287 0.287 ort = 1151 0.177 0.172 0.203 0.113 ort = 1178 0.061 0.081 0.061 0.082 0.052 0.055 0.094 0.095 0.095	0.792 0.754 0.786 0.742 0.783 0.862 0.766 0.743 0.875 0.860 0.706 0.717 0.604 0.717 0.604 0.733 0.788 0.896 0.896 0.767 0.733 0.788 0.896 0.896 0.767 0.835 0.787 0.796 0.835	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.289 0.301 0.633 0.635 0.325 0.374 0.384 0.462 0.484 0.255 0.277 0.244 0.653 0.653 0.653 0.653 0.653
reweight manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_demographic_parity mitigator_equalized_odds rep none reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5 mitigator_equalized_odds rep none reweight_auto reweight_manual_A0.5_B1.5 mitigator_demographic_parity mitigator_equalized_odds rep none reweight_auto	$\begin{array}{c} 0.819 \\ 0.822 \\ 0.675 \\ 0.714 \\ 0.840 \\ 0.842 \\ 0.848 \\ 0.685 \\ 0.721 \\ 0.840 \\ 0.845 \\ 0.845 \\ 0.685 \\ 0.721 \\ 0.823 \\ 0.624 \\ 0.825 \\ 0.624 \\ 0.835 \\ 0.724 \\ 0.835 \\ 0.724 \\ 0.835 \\ 0.724 \\ 0.835 \\ 0.724 \\ 0.835 \\ 0.845 \\$	$\begin{array}{c} \textbf{0.720} \\ \textbf{0.653} \\ \textbf{0.653} \\ \textbf{0.653} \\ \textbf{0.579} \\ \textbf{0.379} \\ \textbf{0.379} \\ \textbf{0.726} \\ \textbf{0.773} \\ \textbf{0.726} \\ \textbf{0.706} \\ \textbf{0.406} \\ \textbf{0.406} \\ \textbf{Ibl} = \textbf{0.6} \\ \textbf{0.777} \\ \textbf{0.768} \\ \textbf{0.760} \\ \textbf{0.603} \\ \textbf{0.603} \\ \textbf{1bl} = \textbf{0.4} \\ \textbf{0.780} \\ \textbf{0.411} \\ \textbf{0.780} \\ \textbf{0.411} \\ \textbf{0.424} \\ \textbf{1bl} = \textbf{0.5} \\ \textbf{0.669} \\ \textbf{0.650} \\ \textbf{0.718} \\ \textbf{0.441} \\ \textbf{0.442} \\ \textbf{1bl} = \textbf{0.6} \\ \textbf{0.729} \\ \textbf{0.729} \\ \textbf{0.725} \\ \textbf{0.729} \\ \textbf{0.725} \\ \textbf{0.729} \\ \textbf{0.725} \\ \textbf{0.725} \\ \textbf{0.729} \\ \textbf{0.725} \\ \textbf{0.725} \\ \textbf{0.729} \\ \textbf{0.725} \\ \textbf{0.725} \\ \textbf{0.725} \\ \textbf{0.725} \\ \textbf{0.729} \\ \textbf{0.725} $	0.903 0.924 0.895 0.821 0.904 0.895 0.821 0.904 0.908 0.908 0.908 0.908 0.907 0.917 0.942 0.922 0.996 0.908	0.546 0.759 0.759 0.759 0.861 ort = 4553 0.515 0.639 0.629 0.753 0.866 ort = 5040 0.767 0.872 0.727 0.727 0.727 0.727 0.605 0.603 0.930 0.9977 ort = 5027 0.5571 0.774 0.776 0.776 0.527 0.727 0.776 0.527 0.527	B supp 0.855 0.861 B supp 0.866 0.748 B supp 0.866 0.873 0.874 0.874 0.874 0.874 0.874 0.874 0.874 0.874 0.875 0.874 0.874 0.875 0.874 0.875	ort = 1745 0.118 0.124 0.110 0.124 0.110 0.076 0.080 ort = 1703 0.112 0.126 0.119 0.068 0.077 ort = 1186 0.451 0.419 0.287 ort = 1181 0.287 ort = 1181 0.172 0.172 0.106 0.106 0.106 0.106 0.106 0.106 0.106 0.006 0.005 0.005 ort = 1112 0.095 0.095	0.792 0.754 0.786 0.742 0.786 0.742 0.783 0.862 0.766 0.743 0.860 0.866 0.706 0.717 0.664 0.668 0.767 0.733 0.890 0.896 0.796 0.796 0.796 0.797 0.796 0.895 0.895 0.796 0.877	0.586 0.285 0.379 0.328 0.684 0.665 0.263 0.263 0.289 0.301 0.633 0.633 0.6335 0.325 0.374 0.384 0.462 0.484 0.255 0.277 0.244 0.653 0.647 0.346 0.351 0.286 0.576 0.576 0.591