Heatmap of Contingency Tables for Real and Synthetic Data on Adult Dataset Adult (FairTGAN) Adult (FairCB) Adult (Real) **Adult (Ours)** 0.45-0.40Female Female Female Female Female Female Female Female <=50K >50K <=50K >50K <=50K >50K <=50K >50K -0.350.2910 0.0379 0.2563 0.0862 0.1926 0.0813 0.1249 0.3777 -0.30Sex sex Sex -0.25-0.20Male Male Male Male Male Male Male Male -0.15>50K >50K >50K <=50K <=50K <=50K <=50K >50K 0.1918 0.3074 0.4187 0.1241 0.4616 0.2095 0.4657 0.3734 -0.10-0.05class class class class Adult (Real) **Adult (Ours)** Adult (FairTGAN) Adult (FairCB) Amer-Indian-Eskimo Amer-Indian-Eskimo Amer-Indian-Eskimo Amer-Indian-Eskimo Amer-Indian-Eskimo Amer-Indian-Eskimo Amer-Indian-Eskimo Amer-Indian-Eskimo 0.6 <=50K >50K <=50K >50K <=50K <=50K >50K >50K 0.0087 0.0019 0.0092 0.0052 0.0023 0.0016 0.1446 0.0456 -0.5Asian-Pac-Islander Asian-Pac-Islander Asian-Pac-Islander Asian-Pac-Islander Asian-Pac-Islander Asian-Pac-Islander Asian-Pac-Islander Asian-Pac-Islander <=50K <=50K >50K <=50K >50K <=50K >50K >50K 0.0069 0.0107 0.0118 0.0205 0.0214 0.0115 0.1497 0.0497 -0.4Black Black Black Black Black Black Black Black race <=50K >50K <=50K >50K <=50K >50K <=50K >50K -0.30.0136 0.0180 0.0488 0.0796 0.0802 0.0262 0.1523 0.0516 Other Other Other Other Other Other Other Other -0.2>50K <=50K <=50K <=50K >50K >50K <=50K >50K 0.0073 0.0054 0.0036 0.0018 0.0025 0.0004 0.1496 0.0480 White White White White -0.1White White White White >50K >50K <=50K <=50K <=50K >50K <=50K >50K 0.4309 0.6366 0.2247 0.6058 0.2459 0.4572 0.1549 0.0540 class class class class