AUC and SDP scores obtained by optimizing for different adversary loss weight values when applying FAL 0.01 0.815 €0.03 0.1 **0**.02 **0**.05 8@.0.0 0.810 0.04 **0**.07 0.805 0.0 0.800 **0.09** 0.795 0.35 0.50 0.55 0.30 0.40 0.45 Strong demographic parity