AUC and SDP scores obtained by optimizing for different theta values when applying FRF 0.2 0.85 0.80 **0**.5 **0**.6 0.75 0.70 **0**.7 AUC 0.65 -0.60 8.0 0.55 0.9 0.50 -0.30 0.00 0.05 0.10 0.15 0.20 0.25 0.35 Strong demographic parity