AUC and SDP scores obtained by optimizing for different theta values when applying FLR 0.82 0.1 0.0 **0**.2 0.80 **0**.3 0.4 **0**.5 0.78 0.6 8.0 0.76 **0**.9 0.74 0.72 1.0 0.20 0.22 0.36 0.24 0.26 0.28 0.30 0.32 0.34 Strong demographic parity