## 0.925 0.925 Out-of-domain Out-of-domain accuracy accuracy 0.920 0.920 0.915 0.915 0.960 0.965 0.970 0.975 0.980 -0.060 -0.050 -0.040 In-domain accuracy Shift gap Sepsis 0.928 0.928 Out-of-domain Out-of-domain accuracy accuracy 0.926 0.926 0.924 0.924 0.987 0.988 0.988 -0.066 -0.064 -0.062 -0.060 Shift gap In-domain accuracy Utilization **Out-of-domain Out-of-domain** 0.700 0.700 accuracy accuracy 0.600 0.600 0.600 0.700 0.800 -0.150 -0.100 -0.050 0.000 In-domain accuracy Shift gap Poverty 0.800 0.800 Out-of-domain Out-of-domain 0.700 0.700 accuracy accuracy 0.600 0.600 0.500 0.500 0.700 0.750 0.800 0.850 0.900 -0.300 -0.200 -0.100 In-domain accuracy Shift gap Adv. DRO DeepCORAL IB-IRM MLP SAINT AND Mask DRO **IRM** MMD TabTransformer FT-Transformer CausIRL Coral Label Group DRO NODE ReX CausIRL MMD Group DRO LightGBM ResNet XGB DANN HistGBM MixUp

Childhood Lead