## Hospital Readmission Onf-ot-our accordacy 0.600 0.575 0.550 0.500 0.500 0.500 0.640 0.560 0.580 0.620 0.660 0.680 -0.100 -0.080 -0.060 -0.040 -0.020 0.600 Shift gap in-domain accuracy **Hospital Mortality** Out-of-domain accuracy Out-of-domain accuracy 0.890 0.880 0.870 0.920 0.940 0.950 -0.030 0.900 0.910 0.930 0.960 -0.060 -0.050 -0.040 -0.020 in-domain accuracy Shift gap ICU Length of Stay Out-of-domain accuracy 0.0 0.0 05 0.0 00 059 0.575 0.600 0.625 0.650 0.675 0.700 0.725 -0.080 -0.060 -0.040 -0.020 in-domain accuracy Shift gap All Arguably causal IRM REx Constant Causal