ANN Regression For Power System Load Flow. RMSE Versus Number of Houses 1e-2 1.0 -Samples: 1100 Samples: 1400 Samples: 1700 0.8 Samples: 200 Samples: 2000 RMSE (p.u) 9.0 9.0 Samples: 500 Samples: 800 0.2 0.0 20 40 60 80 100 120 140 160 180

Number of Houses (Features)