Parametric Regression For Power System Load Flow. RMSE Versus Number of Houses 1e-31.0 -Samples: 200 Samples: 500 8.0 Samples: 800 Samples: 1100 Samples: 1400 RMSE (p.u) 9.0 9.0 Samples: 1700 0.6 Samples: 2000 0.2 0.0 40 60 80 100 120 140 160 180 20 Number of Houses (Features)