2015 NCAR Ensemble Random Forest Joint Parameter Histograms 20 20 180 105 160 90 Parameter 140 75 120 Random Forest Scale 100 60 10 80 45 60 30 15 20 0.0 3.5 4.0 3.5 0.5 2.5 3.0 0.5 2.5 3.0 4.0 Random Forest Shape Parameter **Observed Shape Parameter**