2015 CAPS M5 Random Forest Joint Parameter Histograms 20 90 225 80 200 Parameter 70 175 60 150 Random Forest Scale 50 125 10 40 100 30 75 20 50 25 10 0.0 3.0 3.5 4.0 0.5 3.5 4.0 0.5 2.5 2.5 3.0 **Observed Shape Parameter** Random Forest Shape Parameter