2015 CAPS M6 Random Forest Joint Parameter Histograms 20 240 72 210 Parameter 64 180 56 48 150 Random Forest Scale 10 40 120 32 90 24 60 16 30 0.0 2.5 3.0 3.5 4.0 0.5 3.5 4.0 0.5 2.5 3.0 **Observed Shape Parameter** Random Forest Shape Parameter