2015 CAPS M4 Random Forest Joint Parameter Histograms 20 240 72 210 64 Parameter 15 56 180 48 150 Random Forest Scale 40 10 120 32 90 24 60 16 30 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