2015 CAPS M3 Random Forest Joint Parameter Histograms 20 64 225 200 Parameter 56 175 48 150 Random Forest Scale 40 125 10 32 100 24 75 16 50 25 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