NRMSE vs. Ensemble size by method Training scenario: Abrupt (a) (b) Method I: Pattern Scaling Method III: Deconvolution Noisy Noiseless 10^{1} High Emissions NRMSE [%] Plateau Overshoot (c) (d) Method IV: Modal Fitting Method V: DMD 10^{1} 10 20 30 20 30 50 10 40 50 No. Ensemble Members