$\hat{\theta}$  by noise level case24\_ieee\_rts 0.25 angle  $heta_i$  (radians) 0.00 --0.25 -Voltage phase -0.50 - $\theta_i$  true  $\hat{ heta}_{i}^{'}$   $\sigma$  = 10.0%  $\hat{ heta}_{i}^{'}$   $\sigma$  = 25.0%  $\hat{ heta}_{i}^{'}$   $\sigma$  = 50.0% -0.75 -5.0 12.5 2.5 7.5 10.0 Bus Index i