

PINS –  $d=3$ ,  $s \approx 0.993724$ ,  $\lambda \approx 6.28e+09$ ,  $m \hat{=} 0.0000$ ,  $J_{\text{val}} \approx 1.327223e-02$

$\text{RMSE}_{\text{tr}} = 5.8503$ ,  $\text{RMSE}_{\text{vl}} = 0.1152$ ,  $\text{RMSE}_{\text{ts}} = 1.3063$ ,  $\text{RMSE}_{\text{tv}} = 5.0681$

$\text{RMSE}_{\text{Wtr}} = 3.2856$ ,  $\text{RMSE}_{\text{Wvl}} = 0.0986$ ,  $\text{RMSE}_{\text{Wts}} = 1.6059$ ,  $\text{RMSE}_{\text{Wtv}} = 2.46$

