

PINS –  $d=2$ ,  $s \approx 0.910918$ ,  $\lambda \approx 247$ ,  $m \hat{=} -0.0000$ ,  $J_{\text{val}} \approx 4.261217e-02$

$\text{RMSE}_{\text{tr}} = 6.0949$ ,  $\text{RMSE}_{\text{vl}} = 0.2064$ ,  $\text{RMSE}_{\text{ts}} = 0.9337$ ,  $\text{RMSE}_{\text{tv}} = 5.2807$

$\text{RMSE}_{\text{Wtr}} = 3.9193$ ,  $\text{RMSE}_{\text{Wvl}} = 0.1840$ ,  $\text{RMSE}_{\text{Wts}} = 1.1724$ ,  $\text{RMSE}_{\text{Wtv}} = 2.94$

