

$\text{TXN} - d=2, s \approx 0.782573, \lambda \approx 8.16, m \hat{\approx} 0.0000, J_{\text{val}} \approx 1.788333e-02$

$\text{RMSE}_{\text{tr}} = 1.6427, \text{RMSE}_{\text{vl}} = 0.1337, \text{RMSE}_{\text{ts}} = 0.7297, \text{RMSE}_{\text{tv}} = 1.4242$

$\text{RMSE}_{\text{Wtr}} = 1.0423, \text{RMSE}_{\text{Wvl}} = 0.1471, \text{RMSE}_{\text{Wts}} = 0.8739, \text{RMSE}_{\text{Wtv}} = 0.78$

