

$\text{TXN} - d=2, s \approx 0.784098, \lambda \approx 8.38, m \hat{\approx} 0.0000, J_{\text{val}} \approx 1.751147e-02$

$\text{RMSE}_{\text{tr}} = 1.6265, \text{RMSE}_{\text{vl}} = 0.1323, \text{RMSE}_{\text{ts}} = 0.7896, \text{RMSE}_{\text{tv}} = 1.4103$

$\text{RMSE}_{\text{Wtr}} = 1.0272, \text{RMSE}_{\text{Wvl}} = 0.1490, \text{RMSE}_{\text{Wts}} = 0.9419, \text{RMSE}_{\text{Wtv}} = 0.773$

