

$\text{TXN} - d=2, s \approx 0.380394, \lambda \approx 0.179, m \approx 0.0000, J_{\text{val}} \approx 6.404912e+00$

$\text{RMSE}_{\text{Tr}} = 1.4854, \text{RMSE}_{\text{Vl}} = 2.5308, \text{RMSE}_{\text{Ts}} = 9.0473, \text{RMSE}_{\text{Tv}} = 1.8043$

$\text{RMSE}_{\text{Wtr}} = 1.2416, \text{RMSE}_{\text{Wvl}} = 3.1631, \text{RMSE}_{\text{Wts}} = 10.2853, \text{RMSE}_{\text{Wtv}} = 1.97$

