

$T - d=3$, $s \approx 0.988080$, $\lambda \approx 3.55e+08$, $m \approx -0.0000$, $J_{\text{val}} \approx 8.515247e+00$

$\text{RMSE}_{\text{tr}} = 19.2405$, $\text{RMSE}_{\text{vl}} = 2.9181$, $\text{RMSE}_{\text{ts}} = 12.6002$, $\text{RMSE}_{\text{tv}} = 16.7273$

$\text{RMSE}_{\text{Wtr}} = 10.5823$, $\text{RMSE}_{\text{Wvl}} = 3.7091$, $\text{RMSE}_{\text{Wts}} = 14.5094$, $\text{RMSE}_{\text{Wtv}} = 8.18$

