

$JD - d=1$, $s \approx 0.714531$, $\lambda \approx 2.81$, $\hat{m} \approx 0.0007$, $J_{\text{val}} \approx 3.698404e-01$

$\text{RMSE}_{\text{tr}} = 0.3541$, $\text{RMSE}_{\text{vl}} = 0.6081$, $\text{RMSE}_{\text{ts}} = 1.4818$, $\text{RMSE}_{\text{tv}} = 0.4318$

$\text{RMSE}_{\text{Wtr}} = 0.4036$, $\text{RMSE}_{\text{Wvl}} = 0.7627$, $\text{RMSE}_{\text{Wts}} = 1.4925$, $\text{RMSE}_{\text{Wtv}} = 0.5101$

