

$BA - d=2, s \approx 0.285445, \lambda \approx 0.0962, m \approx -0.0000, J_{\text{val}} \approx 8.573237e+01$

$\text{RMSE}_{\text{tr}} = 6.9402, \text{RMSE}_{\text{vl}} = 9.2592, \text{RMSE}_{\text{ts}} = 33.6249, \text{RMSE}_{\text{tv}} = 7.5865$

$\text{RMSE}_{\text{Wtr}} = 5.0632, \text{RMSE}_{\text{Wvl}} = 11.5787, \text{RMSE}_{\text{Wts}} = 38.3634, \text{RMSE}_{\text{Wtv}} = 7.4$

