

$BA - d=2, s \approx 0.998934, \lambda \approx 3.24e+09, m \approx 0.0000, J_{\text{val}} \approx 2.409708e+00$

$\text{RMSE}_{\text{tr}} = 0.1491, \text{RMSE}_{\text{vl}} = 1.5523, \text{RMSE}_{\text{ts}} = 3.1883, \text{RMSE}_{\text{tv}} = 0.7867$

$\text{RMSE}_{\text{Wtr}} = 0.1609, \text{RMSE}_{\text{Wvl}} = 1.8210, \text{RMSE}_{\text{Wts}} = 3.4702, \text{RMSE}_{\text{Wtv}} = 1.060$

