

$\hat{M}_{XX} - d=2$, $s \approx 0.713141$, $\lambda \approx 2.95$, $m \approx -0.0000$, $J_{\text{val}} \approx 4.243993e+00$

RMSEtr = 2.1594, RMSEvl = 2.0601, RMSEts = 6.3081, RMSEtv = 2.1350

RMSEWtr = 1.8492, RMSEWvl = 2.5522, RMSEWts = 7.0872, RMSEWtv = 1.980

