

BABA – $d=2$, $s \approx 0.982194$, $\lambda \approx 1.37e+05$, $\hat{m} \approx -0.0000$, $J_{\text{val}} \approx 1.831817e-01$
RMSEtr = 0.6286, RMSEvl = 0.4280, RMSEts = 2.9236, RMSEtv = 0.5850
RMSEWtr = 0.5893, RMSEWvl = 0.5565, RMSEWts = 3.5119, RMSEWtv = 0.532

