BABA – d=2, s≈0.924839, λ≈487, m̂≈0.0000, J_val≈3.068893e+00
RMSEtr = 1.1324, RMSEvl = 1.7518, RMSEts = 4.3004, RMSEtv = 1.3149
RMSEWtr = 0.6543, RMSEWvl = 2.1036, RMSEWts = 4.6766, RMSEWtv = 1.291