BA – d=2, s≈0.981463, λ≈1.22e+05, m̂≈-0.0000, J_val≈1.443905e-01
RMSEtr = 0.6650, RMSEvl = 0.3800, RMSEts = 0.8560, RMSEtv = 0.6065
RMSEWtr = 0.4473, RMSEWvl = 0.3361, RMSEWts = 1.0605, RMSEWtv = 0.410