BA − d=2, s≈0.989081, λ≈9.5e+05, m̂≈-0.0000, J_val≈8.861512e-02
RMSEtr = 0.9133, RMSEvl = 0.2977, RMSEts = 1.3068, RMSEtv = 0.8049
RMSEWtr = 0.8903, RMSEWvl = 0.2446, RMSEWts = 1.5601, RMSEWtv = 0.694