BA − d=2, s≈0.989588, λ≈1.14e+06, m̂≈-0.0000, J_val≈8.983459e-02
RMSEtr = 0.9362, RMSEvl = 0.2997, RMSEts = 1.1859, RMSEtv = 0.8245
RMSEWtr = 0.8980, RMSEWvl = 0.2408, RMSEWts = 1.4208, RMSEWtv = 0.70