BABA – d=2, s≈0.999900, λ≈1.01e+11, m̂≈−0.0000, J_val≈1.424941e+00
RMSEtr = 0.1839, RMSEvl = 1.1937, RMSEts = 1.6457, RMSEtv = 0.6177
RMSEWtr = 0.1600, RMSEWvl = 1.3560, RMSEWts = 1.5779, RMSEWtv = 0.814