SNPS – d=2, s≈0.909894, λ≈241, m̂≈0.0000, J_val≈5.278492e-01
RMSEtr = 0.4970, RMSEvl = 0.7265, RMSEts = 3.0146, RMSEtv = 0.5632
RMSEWtr = 0.2956, RMSEWvl = 0.9135, RMSEWts = 3.4990, RMSEWtv = 0.547