SNPS − d=2, s≈0.184194, λ≈0.0464, m̂≈0.0000, J_val≈7.605048e−01
RMSEtr = 3.7916, RMSEvl = 0.8721, RMSEts = 4.3773, RMSEtv = 3.3126
RMSEWtr = 2.0857, RMSEWvl = 1.1169, RMSEWts = 5.1392, RMSEWtv = 1.676