Convergence chart of tested models on Phoneme dataset 0.75 0.70 SSO 0.65 -0.60 **GBO-ANFIS ARO-ANFIS RIME-ANFIS QLE-SCA-ANFIS** 0.55 **AAEO-ANFIS WOA-ANFIS** 0 50 100 150 200 250 Epoch