Convergence chart of tested models on Phoneme dataset 0.75 0.70 0.65 0.60 **GBO-ANFIS** 0.55 **ARO-ANFIS RIME-ANFIS QLE-SCA-ANFIS** 0.50 **AAEO-ANFIS WOA-ANFIS** 50 100 150 200 250 0 Epoch