Convergence chart of average loss on Phoneme dataset. 0.750 -Model Name **AAEO-ANFIS ARO-ANFIS** 0.725 -**GBO-ANFIS QLE-SCA-ANFIS** 0.700RIME-ANFIS loss **SMA-ANFIS** 0.675 Average . 0.600 0.575 0.550 -50 100 150 200 250 300 0 **Epoch**