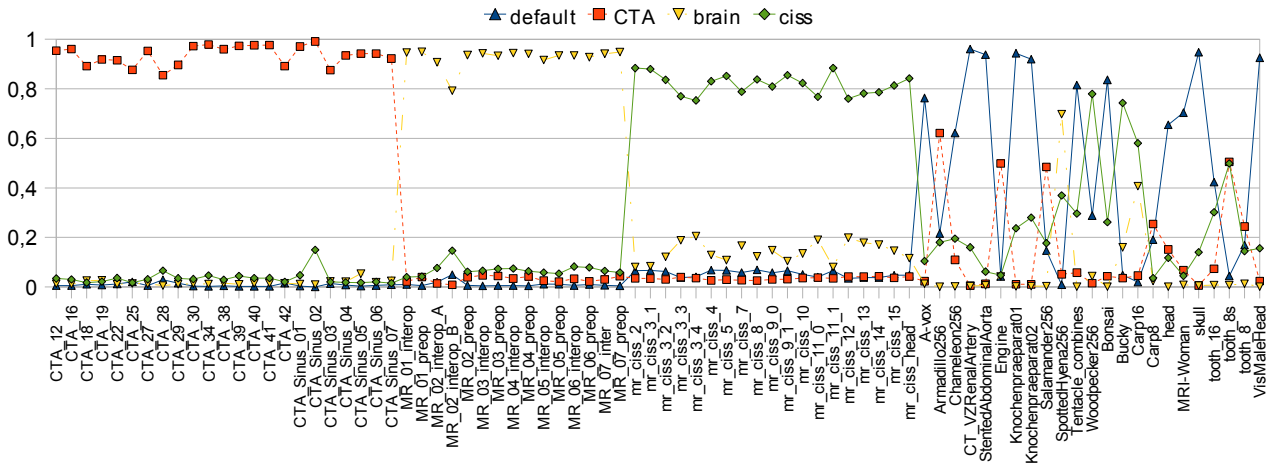

Figure 6. Raw outputs of neural network. In order to get concrete classification, output with highest value is rounded to 1, others to 0

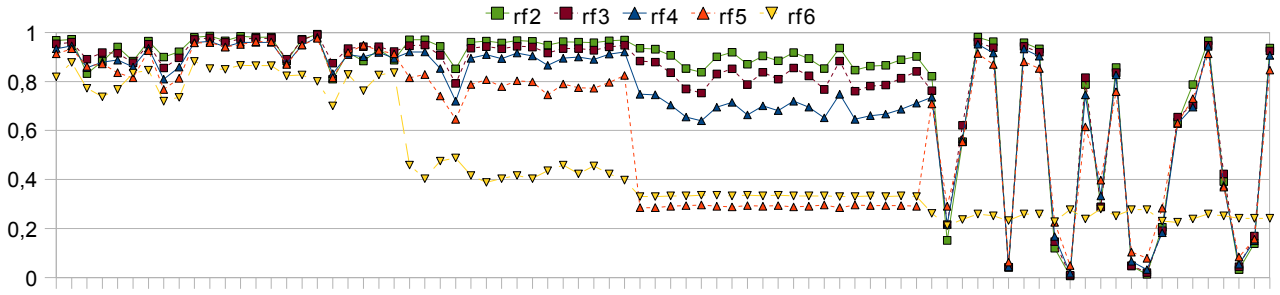

Figure 7. Histogram's reduction factor (downscaling by 2^{rf}) affects reliability, and in extreme cases causes a loss of function[5]

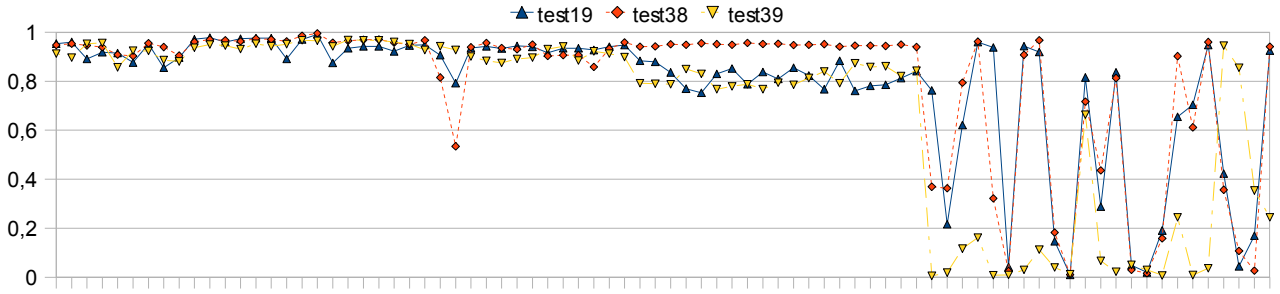

Figure 8. Choosing different datasets for training influences results

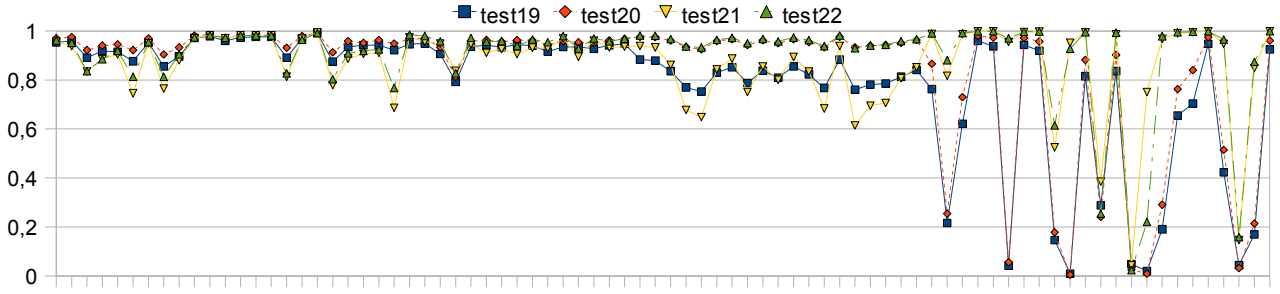

Figure 9. In test19, network was trained with one sample of each type. In test20, two samples of each type. In test21, one sample of each "CTA", "brain" and "ciss", and 5 samples of "default". In test22, two samples of each each "CTA", "brain" and "ciss", and 6 samples of "default". Respective number of mis-classifications (hard to see on chart) is: 10, 9, 3, 4

5 On all of these figures sequence of datasets is the same. Reliability is maximum output value, as shown on figures 7 to 10