

Simulation 1 Netfiles

The five files in this directory define the five training sets used in Simulation 1 of the paper. Each training set consists of 1600 patterns. The input patterns are 4-bit binary vectors; there are 16 different versions of these vectors, each is replicated 100 times in the training set. The output patterns are a single value, either 1 (the pattern is rewarded) or 0 (the pattern is not rewarded). Whether a particular pattern is rewarded is decided stochastically, where reward is assigned to match the ideal probability of reward defined by the present cues. The files are all in the format used by the Rosenblatt program that is used to conduct the simulations.