



Online Resource 7 Ambiguous classification boundaries. a) The spike raster plot of AN3, an ascending auditory interneuron. The responses to 10 trials of each degradation level are plotted top-down. Spike trains, which are assigned to the ‘noise’ class according to the results of the information-based algorithm are drawn in red. b) The mean probability of the assignment of responses to class 1 (‘orig’ class, open symbols) or class 2 (‘noise’ class, closed symbols) according to the information-based algorithm. c) The spike raster plot of an ascending neuron not yet described by Römer and Marquart (1984) d) Probability of assignment according to the information-based cluster algorithm.

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