



Figure S8: Preference scores underlying the performance indices from Figure 8. Documentation of preference scores (PREF) for the sketched training and testing conditions in **(A)** a two-odor paradigm with n-amylacetate and 1-octanol as odors (grey and blue clouds, respectively), **(B)** a one-odor paradigm with n-amylacetate as odor, or **(C)** a one-odor paradigm with 1-octanol as odor. Green Petri dishes indicate fructose; dishes without fill indicate Petri dishes with only the substrate, i.e. pure agarose, but without any tastant added. In **(A)**, positive preference scores reflect a relative preference for n-amylacetate rather than 1-octanol as the choice alternative, in **(B)** they reflect preference for n-amylacetate, and in **(C)** preference for 1-octanol. Data are displayed as box plots, with the median as the middle line, the box boundaries as 25 and 75 % quantiles, and the whiskers as 10 and 90 % quantiles. Sample sizes are indicated within the figure.