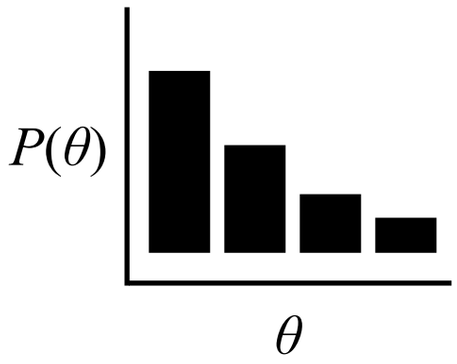
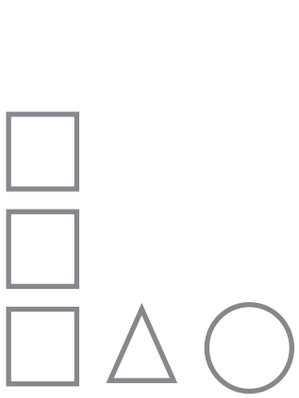
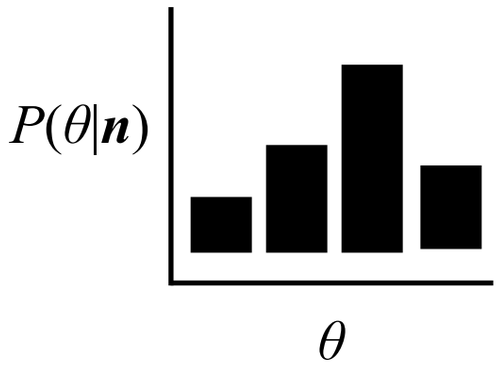
**(a)** prior distribution over CRPs supplied by the learner



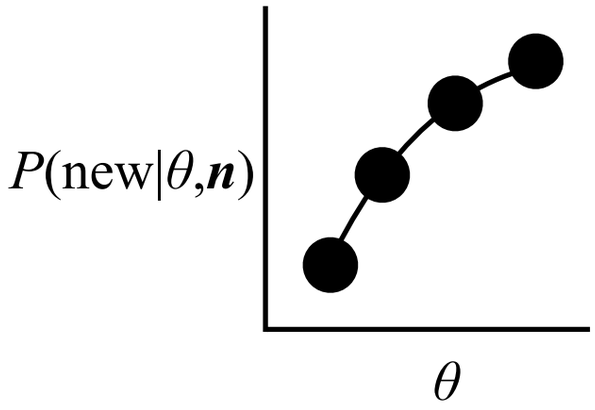

**(b)** frequency table provided by the observed exemplars, $\boldsymbol{n}$

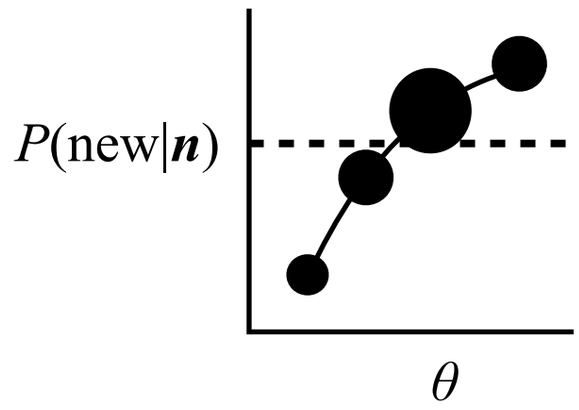


**(c)** posterior distribution over CRPs inferred from data




**(d)** probability of a new category according to each possible CRP




**(e)** estimated probability of a new category