Naïve Bayes classifier

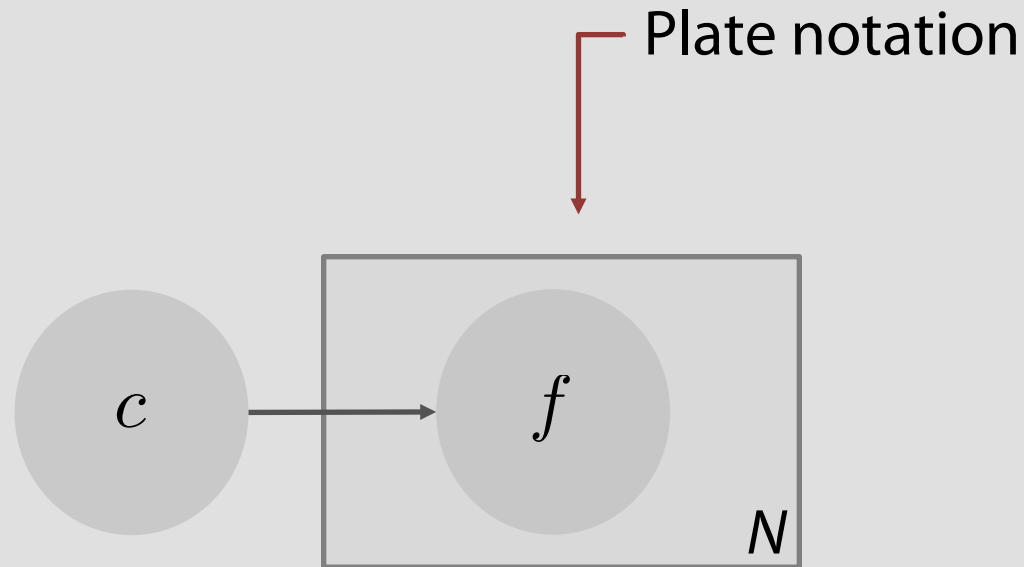Plate notation

$$P(c, f_1, \ldots, f_N) = P(c) \prod_{i=1}^{N} P(f_i | c)$$