

pcxformula

$$p(c|x) = \frac{\exp(\sum_{i=1}^N w_i f_i(c, x))}{(\sum_{c' \in C} \exp(\sum_{i=1}^N w_i f_i(c', x)))}$$

**p(c divides x) = (exp (sum from i=1 to N w_i f_i(c,x)))
over
(sum from c^! in C exp(sum from i=1 to N w_i
f_i(c^!,x)))**