

$$\prod_{z_i=1} \frac{p_i}{n_i} \prod_{z_i=0} \frac{1-p_i}{1-n_i}$$

$$\prod_{n_i, z_i=1} \frac{p_i}{n_i}$$

$$\prod_{z_i=0} \frac{(1-p_i)}{(1-n_i)}$$



$$\prod_{z_i=1} \frac{(1-n_i)}{(1-p_i)}$$

$$\prod_{n_i, z_i=1} \frac{p_i}{n_i} \times \left(\frac{1-n_i}{1-p_i} \right)$$

~~$$\prod_{z_i=1} \frac{p_i}{1-n_i}$$~~

$$\prod_{n_i, z_i=1} \frac{p_i}{n_i} \frac{(1-n_i)}{(1-p_i)}$$

f - Ac = 0

$$2 \times \left(2 \times \frac{1}{2} \right)$$

$$p(q|d) \Rightarrow p(q|\theta_d)$$

$$= \prod_{t \in q} p(t|\theta_d)$$

$$= \prod_{t \in q} \frac{t_f(t)}{\sum_{t \in d} t_f(t)}$$

~~0 - 0 x 2 = 3~~ → hissing
~~100 700~~

$$p(t|\theta_c) = \frac{t_f(t)}{\sum_{t \in C} t_f(t)}$$