$$\begin{cases} (...) & \text{Supply } A = \text{Subs}(-\gamma_0) > 1 \\ (...) & \text{Supply } A = \text{Subs}(-\gamma_0) > 1 \\ (...) & \text{Subs}(-\gamma_0) > 1 \\ = \frac{C(\alpha_1 + \beta_0)}{C(\alpha_1 + \beta_0)} = \frac{C(\alpha_$$

$$P(y, x) = b(x) = xp(M^{77}(x) - x (M))$$

$$(Art (x|M)) : \prod_{i=1}^{N} H_{i}^{xi} = exp[(y)(\prod_{i=1}^{N} H_{i}^{x_{i}})]$$

$$= exp(\sum_{i=1}^{N} log(M_{i}^{x_{i}}))$$

$$= exp(\sum_{i=1}^{N} x_{i} log(M_{i}^{x_{i}}))$$

$$= exp(\sum_{i=1}^{N} x_{i} log(M_{i}))$$

$$= exp(\sum_{i=1}^{N} x_{i} log(M_{i}) + (I - \sum_{i=1}^{N} x_{i}) log(M_{i}) + X_{i}_{i} log(M_{i}))$$

$$= exp(\sum_{i=1}^{N} x_{i} log(M_{i}) + (I - \sum_{i=1}^{N} x_{i}) log(M_{i}))$$

$$= exp(\sum_{i=1}^{N} x_{i} log(M_{i}) + log(M_{i}))$$

$$= exp(\sum_{i=1}^{N} x_{i} log(M_{i}) + log(M_{i}))$$

$$M = \begin{cases} log(\frac{M_{i}}{M_{i}}) + log(M_{i}) \\ log(\frac{M_{i}}{M_{i}}) \end{cases}$$

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$$M = log(\frac{M_{i}}{M_{i}}) + log(M_{i}) + log(M_{i}) + log(M_{i}) \end{cases}$$

$$M = log(\frac{M_{i}}{M_{i}}) + log(M_{i}) + l$$

Cat (x|4)= 1 H xi