

$$\pi(X)T(Y|X) =$$

$$\pi(X) \sum_i P(Y, w_i | X) \min \left(1, \frac{\pi(Y)P(X, w_i | Y)}{\pi(X)P(Y, w_i | X)} \right) =$$

$$\sum_i \min(\pi(X)P(Y, w_i | X), \pi(Y)P(X, w_i | Y))$$