Correction:- In 10:18 $P(w1|y=1) = P(w2|y=1) = \ldots\ldots = P(wn|y=1) \sim$ to 1/2 and { $P(w1|y=1)$ * $P(w2|y=1) \ldots\ldots$* $P(wn|y=1)$ } will be equal to 1/2 * 1/2* ....* 1/2 in the both cases of positive and negetive this value will be the same.

$P(y=1|w1,w2,w3,w4\ldots wd) == P(y=0|w1,w2,w3,w4\ldots wd)$