Prior:
$$P(c) = 0.01 = 12$$
 $P(\tau c) = 0.99$
 $P(Pos|C) = 0.9 = 90\%$
 $P(Nes|\tau c) = 0.5$ $P(Pos|T c) = 0.1$
 $P(C, Pos.) = P(c) \cdot P(Pos|C) = 0.009$
 $P(\tau c, Pos.) = P(\tau c) \cdot P(Pos|T c) = 0.009$
 $P(\tau c, Pos.) = P(\tau c, Pos.) + P(\tau c, Pos.) = 0.108$
 $P(Pos) = P(C, Pos.) + P(\tau c, Pos.) = 0.108$
 $P(\tau c|Pos.) = 0.0833$
 $P(\tau c|Pos.) = 0.0833$

SEND FEEDBACK