Actual   Predicted

Y   N   P
Y   Y   Y
N   N   Y
N   Y   Y
Y   Y   Y
N   N   N

Recall

100% model① → $F_1 = \dfrac{2\left(\frac{2}{3}\right)\left(\frac{2}{3}\right)}{\left(\frac{2}{3}\right)+\left(\frac{2}{3}\right)} = \dfrac{2}{3}$

model₂ → $F_1 = \dfrac{2\left(\frac{3}{5}\right)(1)}{\frac{3}{5}+1} = 0.75$

model₃ → $F_1 = \dfrac{2\left(\frac{2}{3}\right)1}{\frac{2}{3}+1} = 0.8$

① Y/ 150% → P

recall $= \dfrac{2}{3}$

② ⟩/ 15% → P

(100%)
recall

③ ⟩/ 80% → P

(100%) (recall $= \dfrac{2}{3}$)