

## Quiz 13

| Act | Pred | 50 |
|-----|------|----|
| Y   | 0.3  | N  |
| Y   | 0.9  | Y  |
| N   | 0.2  | N  |
| N   | 0.6  | Y  |
| Y   | 0.8  | Y  |
| N   | 0.1  | N  |



$$\text{Model 1} \quad P = \frac{3}{2}, \quad R = \frac{2}{3} \Rightarrow F_1 = \frac{2PR}{P+R} = \frac{2\left(\frac{3}{2}\right)\left(\frac{2}{3}\right)}{\frac{2}{3} + \frac{3}{2}} = 0.92$$

$$\text{Model 2} \quad P = \frac{3}{5}, \quad R = 100\% \Rightarrow F_2 = \frac{2PR}{P+R} = \frac{2\left(\frac{3}{5}\right)(1)}{\frac{2}{3} + 1} = 0.75$$

$$\text{Model 3} \quad P = 100\%, \quad R = \frac{2}{3} \Rightarrow F_3 = \frac{2PR}{P+R} = \frac{2(1)}{1 + \frac{2}{3}} = 0.8$$

ดังนั้น Model 1 ได้ค่าเฉลี่ยมาก