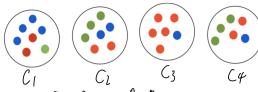
0,6



Assume: P= Precision, Fi= Fi-Scole, R= Recall

$$P(blue) = \frac{4}{7}$$
 $R(blue) = \frac{7}{2}$

$$RCblue) = \frac{1}{2}$$

Fillue) =
$$2x + \frac{4}{7}x + \frac{1}{5}$$
 = $\frac{9}{15}$

$$P(slean) = \frac{1}{7}$$
 $R(slean) = \frac{1}{7}$

$$R(Skeen) = \frac{1}{7}$$

$$=2X \frac{7x^{2}}{5t^{2}} = \frac{7}{7}$$

$$P(\text{Ted}) = \frac{2}{7}$$

$$R(\gamma e z) = \frac{2}{11}$$

$$P(glean) = \frac{1}{7}$$
 $R(glean) = \frac{1}{7}$ $F_1(glean) = 2 \times \frac{1}{7} \times \frac{1}{7} = \frac{1}{7}$
 $P(glean) = \frac{2}{7}$ $R(glean) = \frac{2}{7}$ $F_1(glean) = 2 \times \frac{1}{7} \times \frac{1}{7} = \frac{1}{7}$
 $P(glean) = \frac{1}{7}$ $P(glean) = \frac{1}{$

(2) (₇ :

$$P(blue) = \frac{2}{7}$$

$$\mathcal{L}(b(ue) = \frac{1}{4}$$

$$F_{r}(L(ue)) = 2x \frac{2}{5}x\frac{4}{4} = \frac{4}{15}$$

$$P(9|een) = \frac{3}{7}$$

$$R(9) = \frac{3}{7}$$

$$R(\gamma e J) = \frac{2}{11}$$

$$F(blue) = \frac{1}{4} \qquad F_{1}(blue) = 2x \frac{2}{5}x\frac{4}{7} = \frac{4}{5}$$

$$F(glean) = \frac{3}{7} \qquad F_{1}(glean) = 2x \frac{3}{5}x\frac{7}{7} = \frac{3}{7}$$

$$F_{1}(glean) = 2x \frac{3}{7}x\frac{7}{7} = \frac{3}{7}$$

$$F_{1}(glean) = 2x \frac{3}{7}x\frac{7}{7} = \frac{3}{7}$$

13 (3:

$$P(b|ve) = \frac{1}{6}$$

$$R \text{ Clave}) = \frac{1}{8}$$
 $F_{,Cb}(Ne) = 2x \frac{\cancel{5} \times \cancel{7}}{\cancel{1+\cancel{1}}} = \frac{1}{7}$

$$F_{1}(\text{Ned}) = 2x \underbrace{\begin{cases} \frac{1}{5} + \frac{1}{11} \\ \frac{1}{5} + \frac{1}{11} \end{cases}}_{5} = \frac{17}{17}$$

(4) C4:

$$P(\text{flue}) = \frac{1}{6}$$

Filliue) =
$$2 \times \frac{5 \times 1}{5 + 1} = \frac{1}{5}$$

$$f(g(een)) = \frac{3}{7}$$
 $f(f(ed)) = \frac{2}{11}$

$$F_{i}(Sken) = 2x = \frac{1}{5} + \frac{1}{6} = \frac{1}{7}$$

$$F_{i}(Sken) = 2x = \frac{1}{5} \times \frac{1}{7} = \frac{1}{17}$$

$$F_{i}(Sken) = 2x = \frac{1}{5} \times \frac{1}{7} = \frac{1}{17}$$

N=26

$$P = \frac{1}{27} \times (\frac{4}{5}x4 + \frac{1}{5} + \frac{2}{5}x2 + \frac{2}{5}x2 + \frac{3}{5}x3 + \frac{2}{5}x2 + \frac{1}{6}t + \frac{5}{6}x5 + \frac{1}{6}t + \frac{1}{6}x2 + \frac{1}{3}x2)$$

$$= \frac{127}{273} \approx 0.4652$$

B-CHBED R = \(\frac{1}{6} \times \frac{1}{6} \times