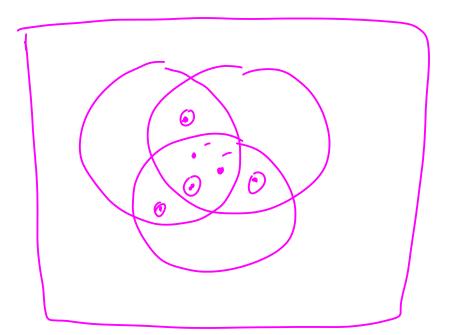


$$N = S_0 - S_1 + S_2 - S_3$$
.

$$E_2 = S_2 - {3 \choose 2} S_3 + {4 \choose 2} S_4$$

C2 n C3n C4 N(c,c2 C3 C4)

$$S_2 = \sum_{ij} N(c_i c_j)$$
 $\frac{\binom{4}{2} - 4\binom{2}{2}}{6 - 12 = -6}$



 $L_2 = S_2 - \binom{2}{1} S_3$

$$E_{2} = S_{2} - (\frac{2}{2})S_{3} + (\frac{4}{2})S_{4} - (\frac{5}{2})S_{5}$$

$$= (\frac{5}{2})\frac{1}{2} - (\frac{2}{2})(\frac{5}{3})\frac{1}{2} + (\frac{1}{2})(\frac{5}{2}) + (\frac{5}{2})(\frac{5}{3}) + (\frac{5}{2})(\frac{5}{3}$$

$$\frac{40 + 10 + 1 = 51}{40 + 10 + 1 = 51}$$

$$L_2 = S_2 - \binom{2}{3}S_3 + \binom{2}{3}S_3 - \binom{4}{5}S_5$$

$$= \binom{5}{2}2^{\binom{2}{3}} - \binom{2}{1}\binom{5}{3}2^{\binom{5}{2}} + \binom{3}{1}\binom{5}{3}1 - \binom{4}{5}\binom{5}{5}1$$

$$= 80 - 40 + 15 - 4$$

$$= \frac{1}{40} + \frac{1}{11} = \frac{51}{11}$$

$$= \frac{2}{11} - \frac{2}{11} + \frac{2}{11}$$

$$= \frac{2}{11} - \frac{2}{11}$$

$$= \frac{2}{11} - \frac{2}{11} + \frac{2}{11}$$

$$= \frac{2}{11} - \frac{2}{11}$$

$$=$$



rtmst 1

