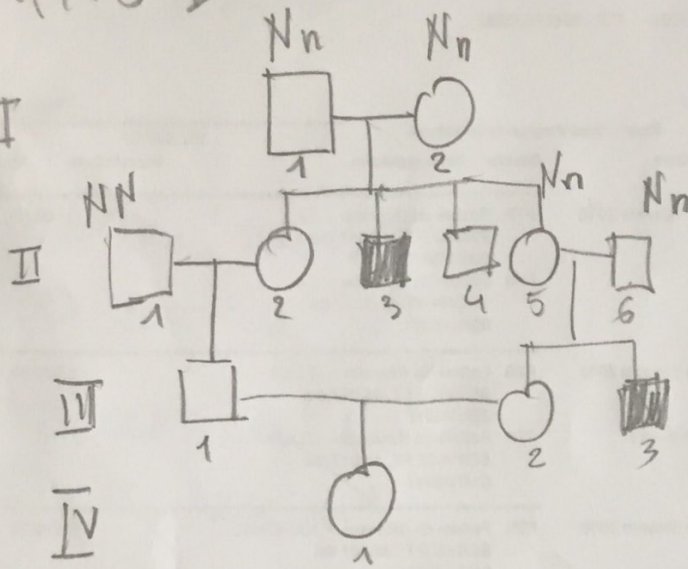


COMPITO D

1

I



$$II_1 \times II_2 \rightarrow III_1$$

$$NN(1) \rightarrow NN(1/3) \rightarrow NN = 1/3$$

$$\rightarrow Nn(2/3) \rightarrow NN = 1/2 \cdot 2/3 = 1/3 \quad Nn = 1/2 \cdot 2/3 = 1/3$$

$$\overline{NN} = \frac{1}{3} + \frac{1}{3} = \frac{2}{3}$$

$$III_1 \times III_2 \rightarrow IV_1$$

$$NN(2/3) \quad NN(1/3)$$

$$Nn(1/3) \quad Nn(2/3) \rightarrow Nn = 2/3 \cdot 1/3 \cdot 2/3 = 4/27$$

$$Nn(1/3) \quad NN(1/3) \rightarrow Nn = 1/2 \cdot 1/3 \cdot 1/3 = 1/18$$

$$NN(2/3) \quad Nn(2/3) \rightarrow Nn = 1/2 \cdot 2/3 \cdot 2/3 = 2/9$$

$$Nn = \frac{4}{27} + \frac{1}{18} + \frac{2}{9} = \frac{8+3+12}{54} = \frac{23}{54}$$

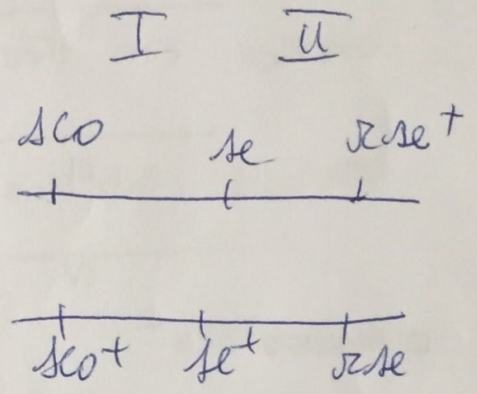
COMPITO D

2

$$P \begin{bmatrix} 441 & \Delta CO^+ & \pi se & se^+ \\ 430 & \Delta CO & \pi se^+ & se \end{bmatrix}$$

$$RI \begin{bmatrix} 32 & \Delta CO^+ & \pi se^+ & se \\ 27 & \Delta CO & \pi se & se^+ \end{bmatrix}$$

$$RII \begin{bmatrix} 30 & \Delta CO^+ & \pi se^+ & se^+ \\ 39 & \Delta CO & \pi se & se \end{bmatrix}$$



$$DCO \begin{bmatrix} 1 & \Delta CO^+ & \pi se & se \\ 0 & \Delta CO & \pi se^+ & se^+ \end{bmatrix} \Rightarrow se \text{ al centro}$$

$$Dis_{\Delta CO - se} = \frac{32 + 27 + 1 + 0}{1000} \times 100 = 6 \mu M$$

$$Dis_{se - \pi se} = \frac{30 + 39 + 1 + 0}{1000} \times 100 = 7 \mu M$$

$$DCO_{ATI} =$$

$$= 0,07 \times 0,06 \times 100 \approx 4$$

$$cc = \frac{1}{4} = 0,25 \quad I = 0,175 = 17,5\%$$

$$DCO_{OSS} = 1$$

d)

$$selvatici = \frac{1}{2} RII \quad ce = 0,5$$

$$RII = 0,07 - (0,07 \cdot 0,06 \cdot 0,5) = 0,0679$$

$$\frac{1}{2} RII \approx 0,034$$

$$selvatici = 0,034 \times 1000 = 34$$

COMPITO D

3

Ni Ta ki ni te Ki

	PD	NPD	T	
Ni ta	300 206 32	16 16	140 720 348	Assoc PD \gg NPD
Ni Ki	140 206 32	348	300 720 16	non ASS PD \approx NPD
Ta Ki	206	238	140 720 348	non ASS PD \approx NPD
				TOT = 2000

$$Dis_{Ni-ta} = \frac{(16) + \frac{1}{2}(140 + 720 + 348 + 238)}{2000} \times 100 = 36,95 \mu M$$

$$CEN-Ni = \frac{1}{2} \frac{(140 + 348 + 32 + 16 + 238)}{2000} \times 100 = 19,35 \mu M$$

$$CEN-Ta = \frac{1}{2} \frac{(720 + 32 + 16)}{2000} \times 100 = 19,2 \mu M$$

$$CEN-Ki = \frac{1}{2} \frac{(140 + 300 + 720 + 348 + 32 + 16)}{2000} \times 100 = 38,9 \mu M$$

