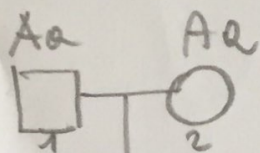


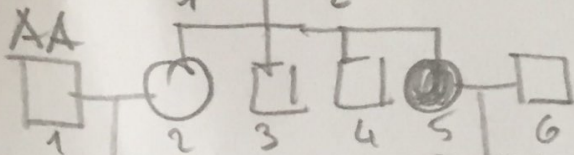
COMPITO C

①

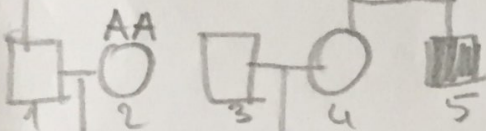
I



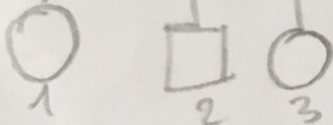
II



III



IV



$$\text{II}_2 \times \text{II}_1 \Rightarrow \text{III}_1$$

$$AA(1/3) \times AA(1) \quad AA(1/3 \cdot 1)$$

$$Aa(2/3) \times AA(1) \quad \left\{ \begin{array}{l} AA(2/3 \cdot 1/2) = 1/3 \\ Aa(2/3 \cdot 1/2 \cdot 1) = 1/3 \end{array} \right.$$

non considerare feuchte se III è AA, IV sempre AA

$$\text{III}_1 \times \text{III}_2 \Rightarrow \text{IV}_1$$

$$Aa(1/3) \times AA(1) \quad AA(1/3 \cdot 1 \cdot 1/2) = 1/6$$

$$Aa(1/3 \cdot 1 \cdot 1/2) = 1/6$$

$$\text{IV}_1 \times \text{III}_1 \Rightarrow \text{V}_1$$

$$AA(1/6) \times Aa(1/3) \quad Aa(1/6 \cdot 1/3 \cdot 1/2) = 1/36$$

$$Aa(1/6) \times Aa(1/3) \quad Aa(1/6 \cdot 1/3 \cdot 1/2) = 1/36$$

Pròb massima che V₁ sia Aa = $1/36 + 1/36 = 2/36 = 1/18$

COMPITO C

(2)

P $\left[\begin{array}{l} 1766 \text{ de } \sigma \text{ ni}^+ \\ 1753 \text{ de } \sigma^+ \text{ ni} \end{array} \right.$

ni al centro
de ni⁺ σ

PI $\left[\begin{array}{l} 162 \text{ de } \sigma^+ \text{ ni} \\ 153 \text{ de } \sigma \text{ ni}^+ \end{array} \right.$

de⁺ ni σ^+

I II

PII $\left[\begin{array}{l} 78 \text{ de } \sigma^+ \text{ ni}^+ \\ 74 \text{ de } \sigma \text{ ni} \end{array} \right.$

DCO $\left[\begin{array}{l} 6 \text{ de } \sigma \text{ ni} \\ 8 \text{ de } \sigma^+ \text{ ni}^+ \end{array} \right.$

$$\text{Dis}_{\text{de-ni}} = \frac{162 + 153 + 6 + 8}{4000} \times 100 = 8,2 \text{ cm}$$

$$\text{Dis}_{\text{ni-}\sigma} = \frac{78 + 74 + 6 + 8}{4000} \times 100 = 4,1 \text{ cm}$$

$$dc = \frac{(8 + 6)}{0,082 \times 0,041 \times 4000} = \frac{14}{13} \approx 1$$

$$\text{de } \sigma^+ \text{ ni}^+ \Rightarrow \frac{1}{2} \text{ DCO} \Rightarrow (0,082 \times 0,041 \times 0,6) \times 4000 \times 0,5 \approx 4$$

$$I = 0,4 \quad \alpha = 0,6$$

COMPITO C

lo Na re ⊗ Lo ha Re

3

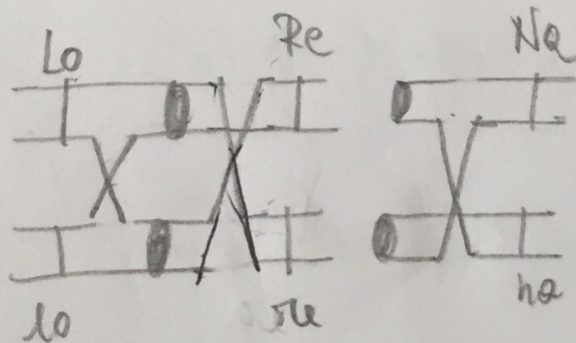
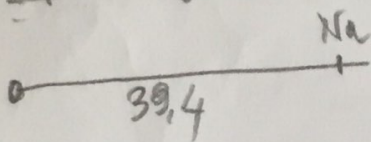
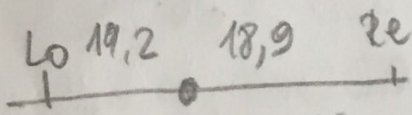
	PD	NPD	T	
Lo Na	8 72 100	182	156 360 112 10	PD < NPD non assoc.
Na Re	8 100	112	156 182 72 360 10	PD < NPD non assoc.
Lo Re	8 156 100	10	72 360 112 182	PD > NPD assoc.

$$DIS_{Lo-Re} = \frac{10 + 1/2(72+112+182+360)}{1000} \times 100 = 37,3\% \text{ CH}$$

$$CEN-Lo = \frac{1/2(8+72+112+10+182)}{1000} \times 100 = 19,2\% \text{ CH}$$

$$CEN-Re = \frac{1/2(8+10+360)}{1000} \times 100 = 18,9\% \text{ CH}$$

$$CEN-Na = \frac{1/2(8+156+72+10+182+360)}{1000} \times 100 = 39,4\% \text{ CH}$$



Lo re Na
lo Re re
Lo re na
lo Re Na