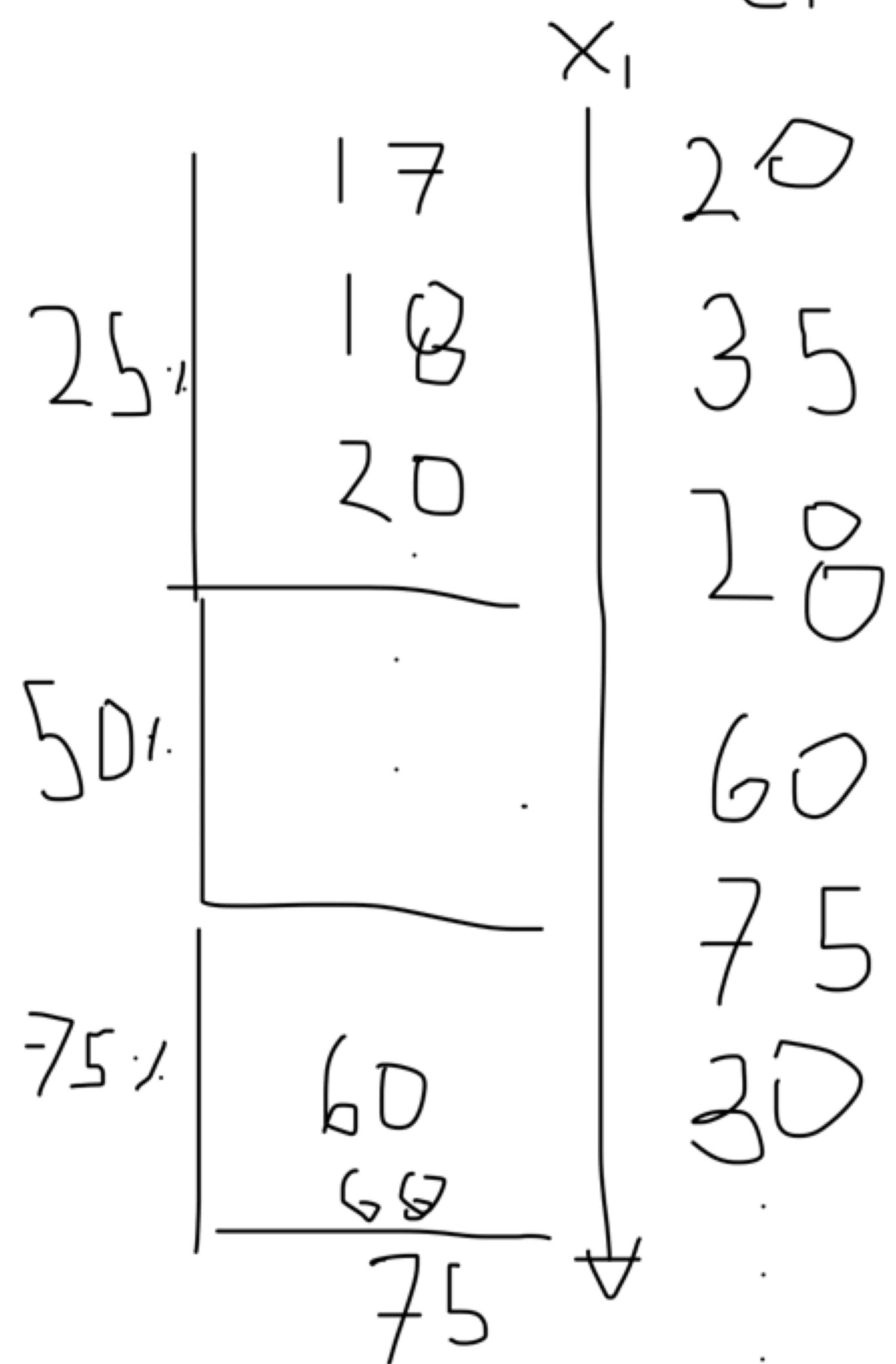
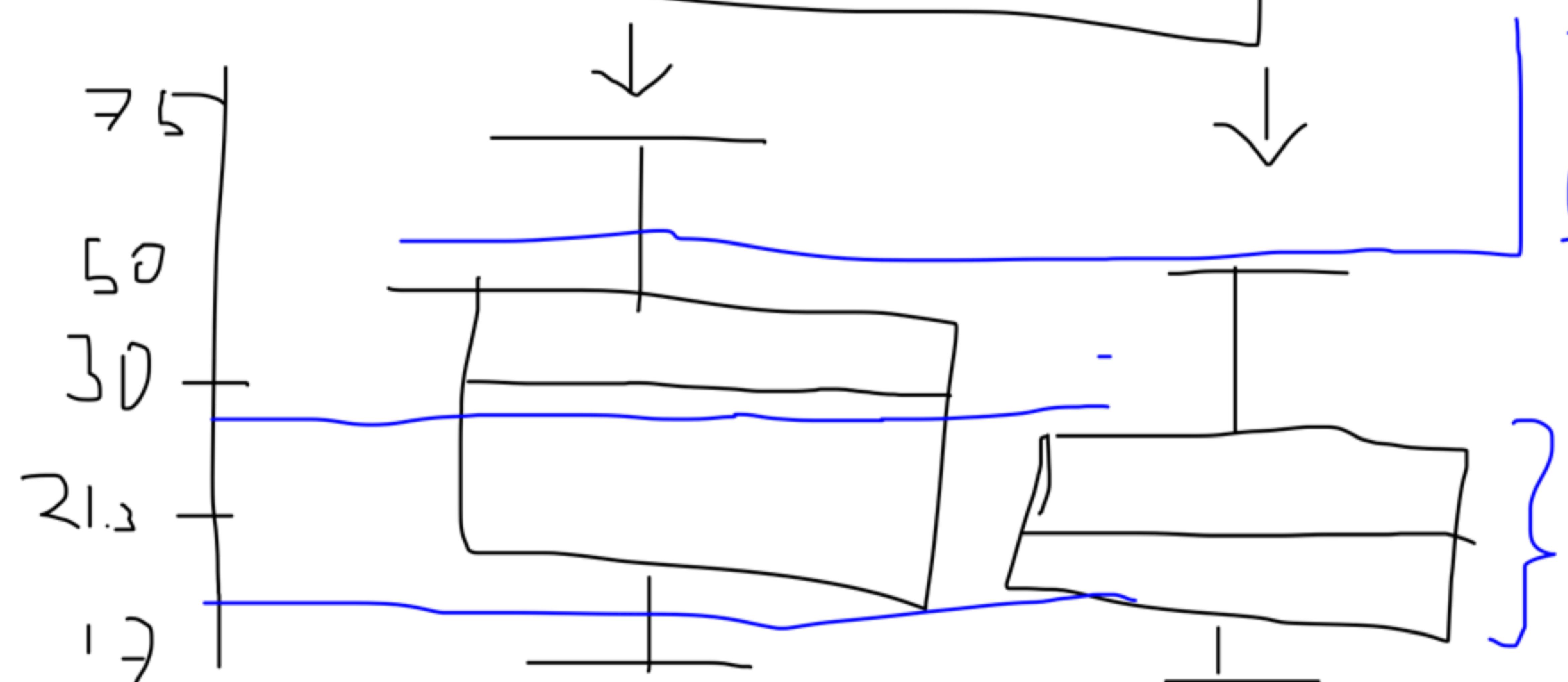


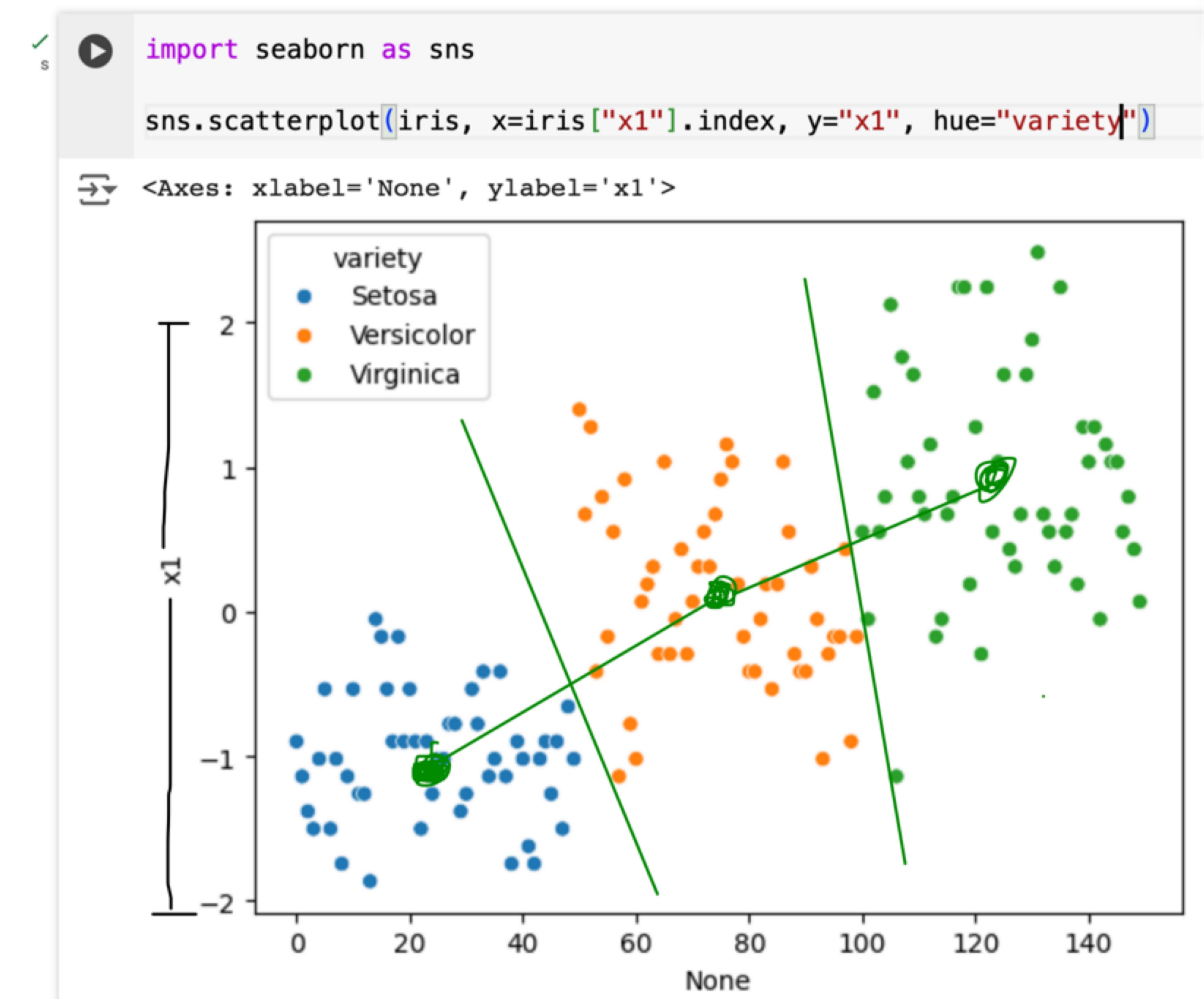
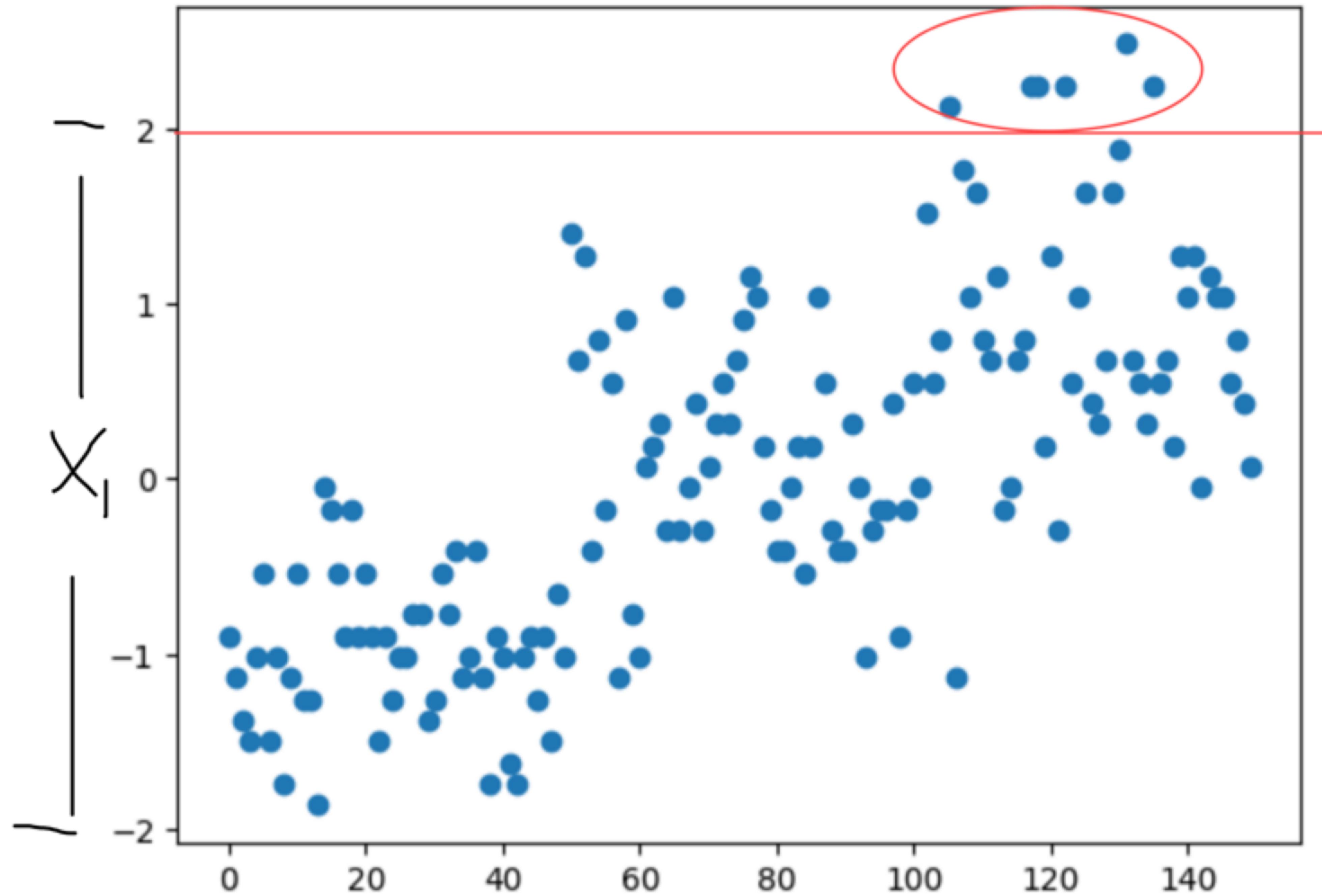
↓ describe




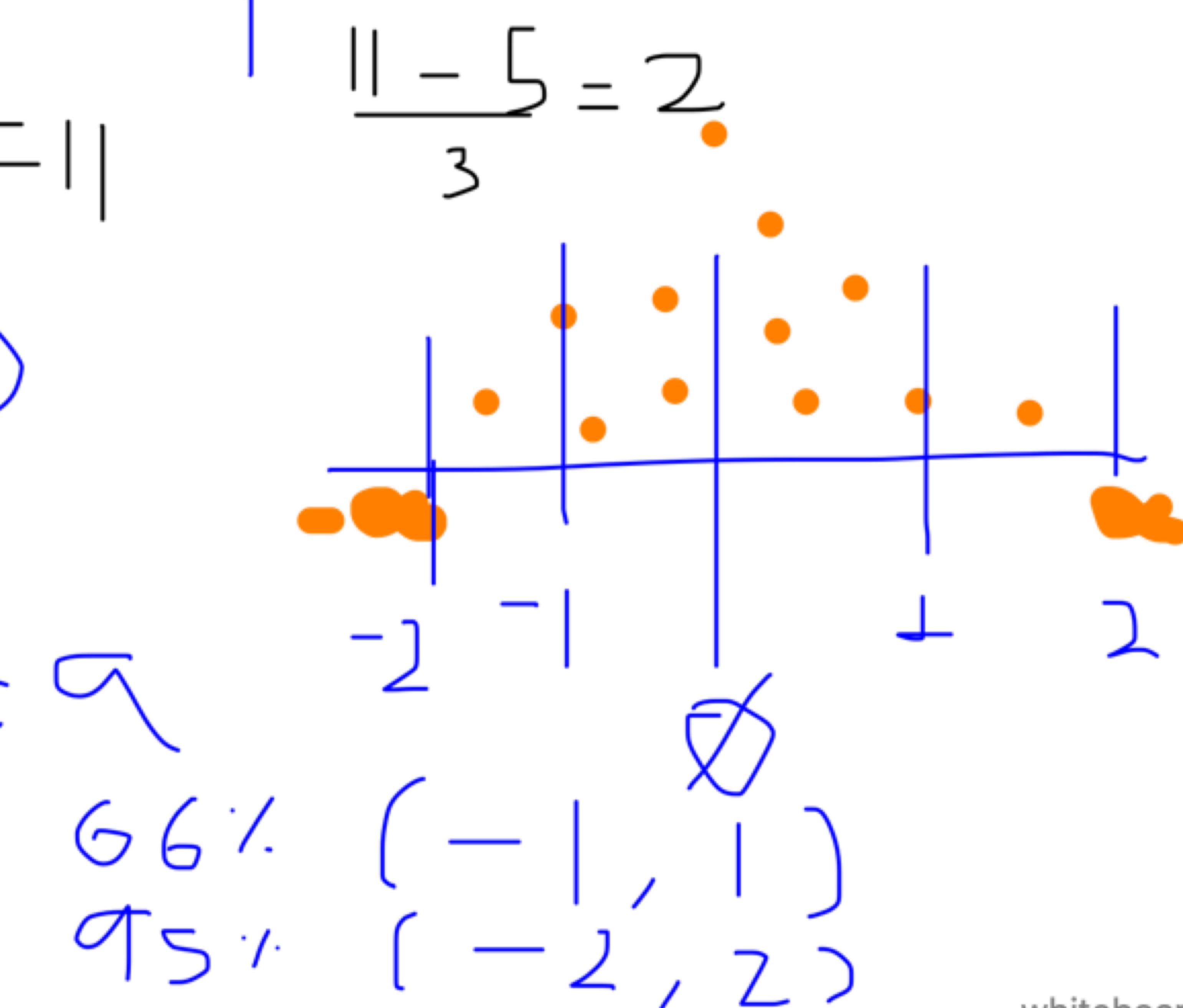
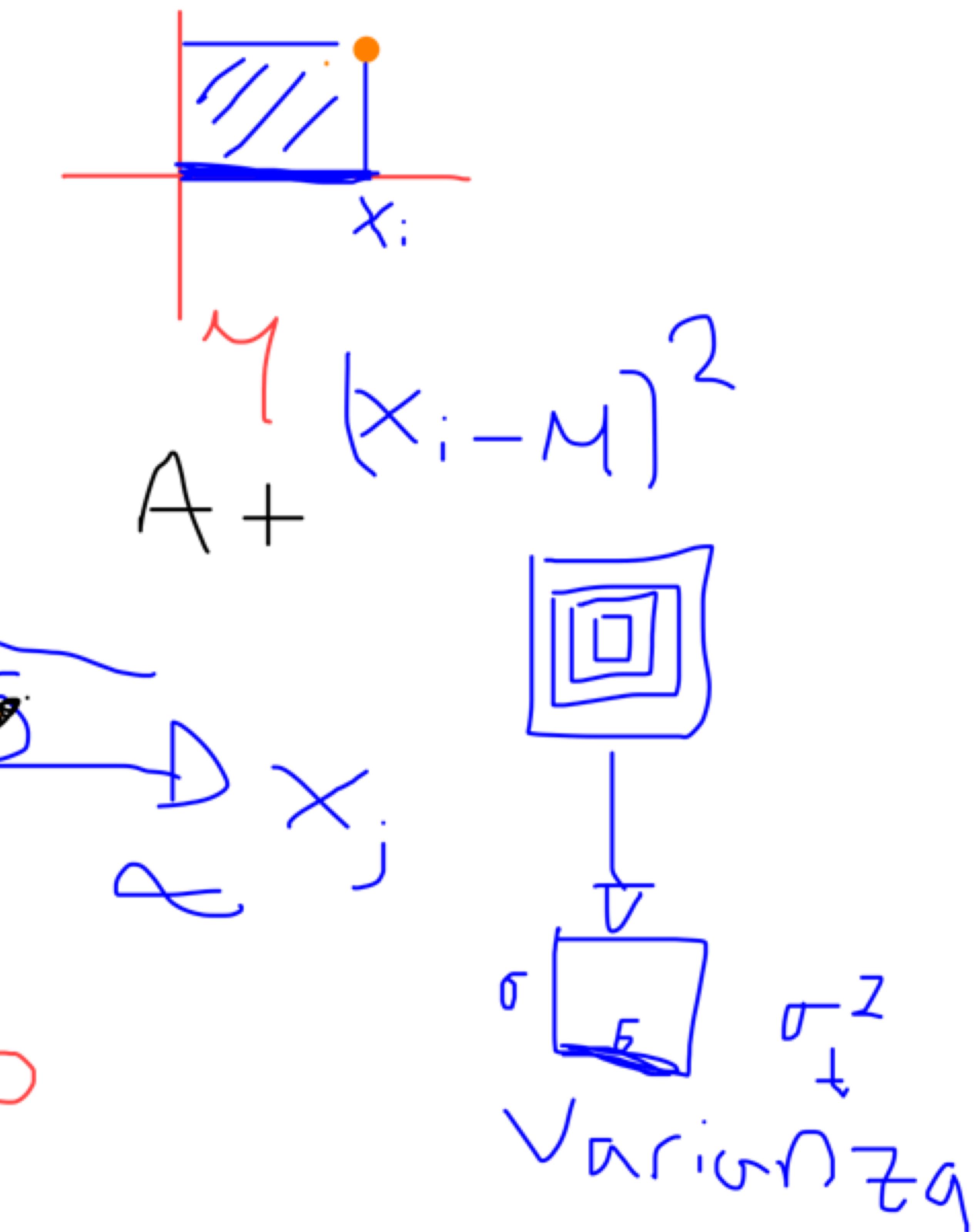
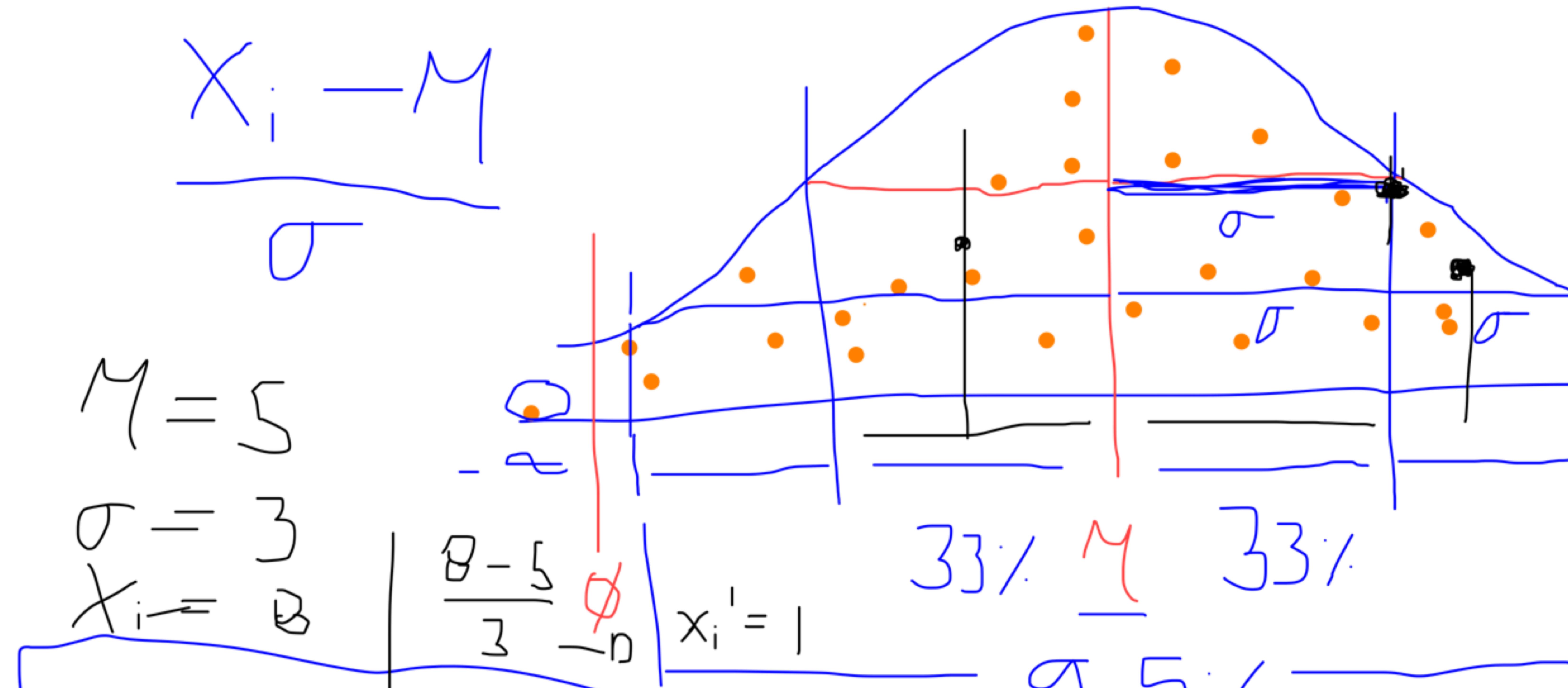
	x_1	x_2	\dots	x_d
Count				25
Mean	33	25		
Sum	750			
Min	17	18		
Q ₁ 25%	21.3	19		
Q ₂ 50%	30	21		
Q ₃ 75%	50	24		
Max	75	49		

ANOVA

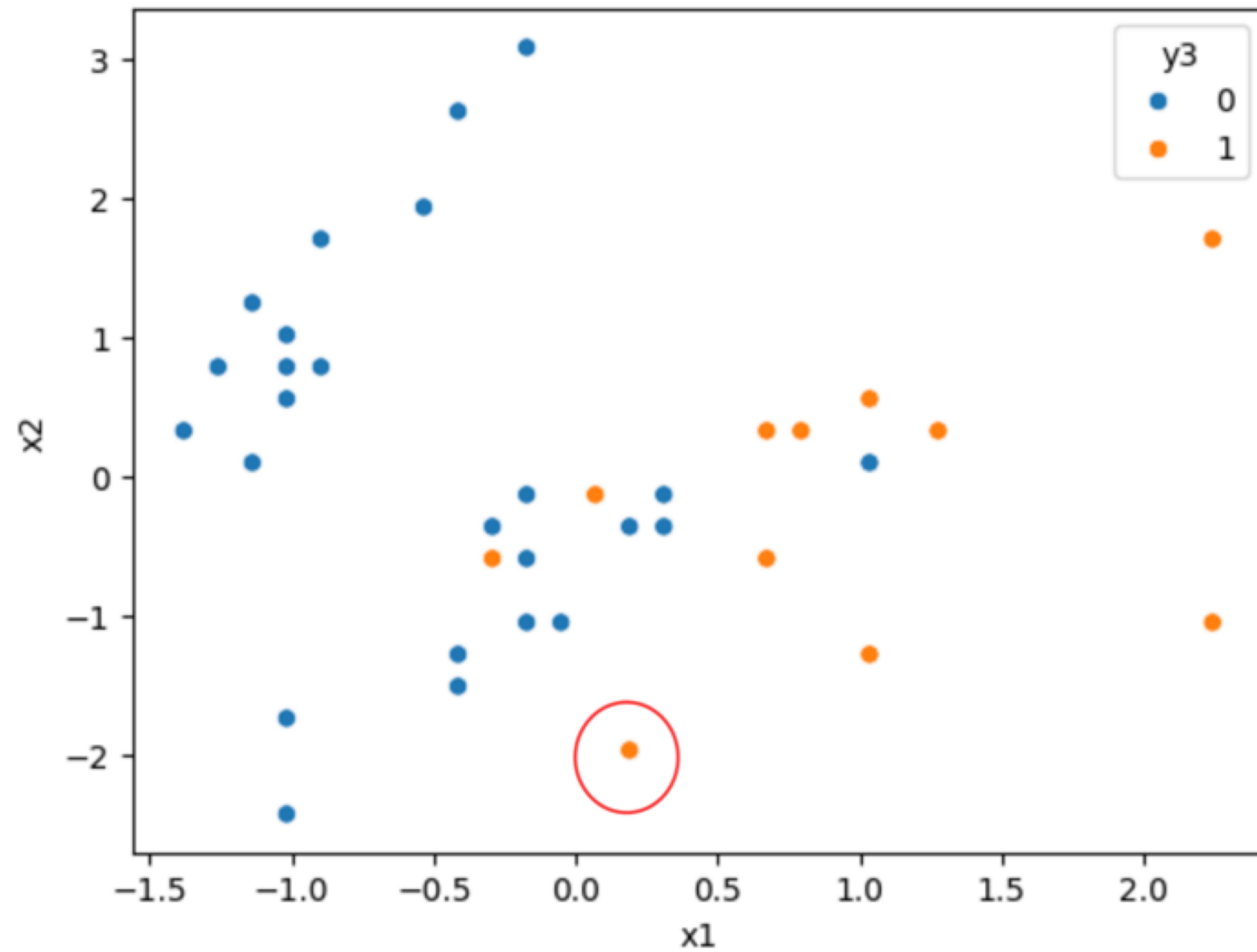




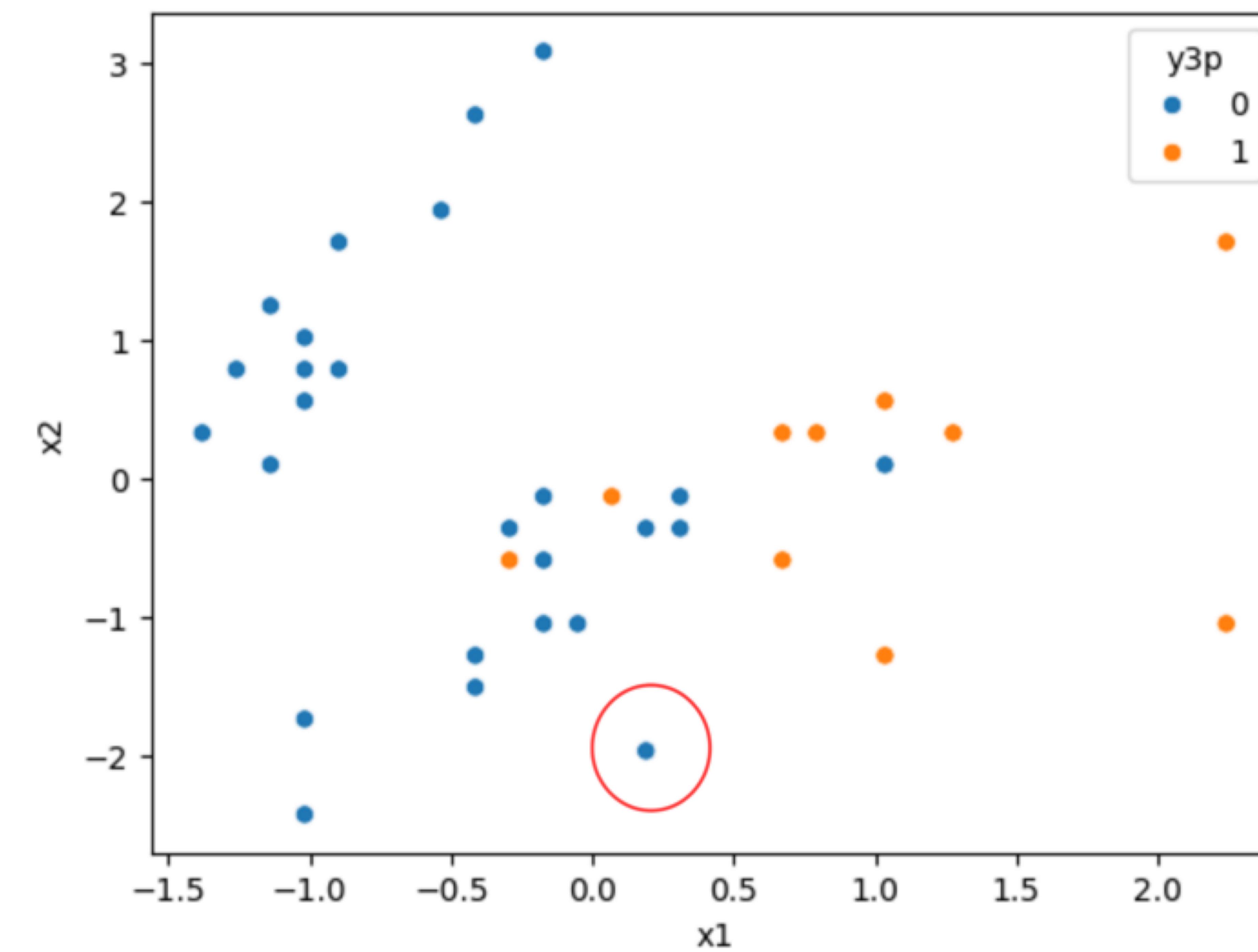




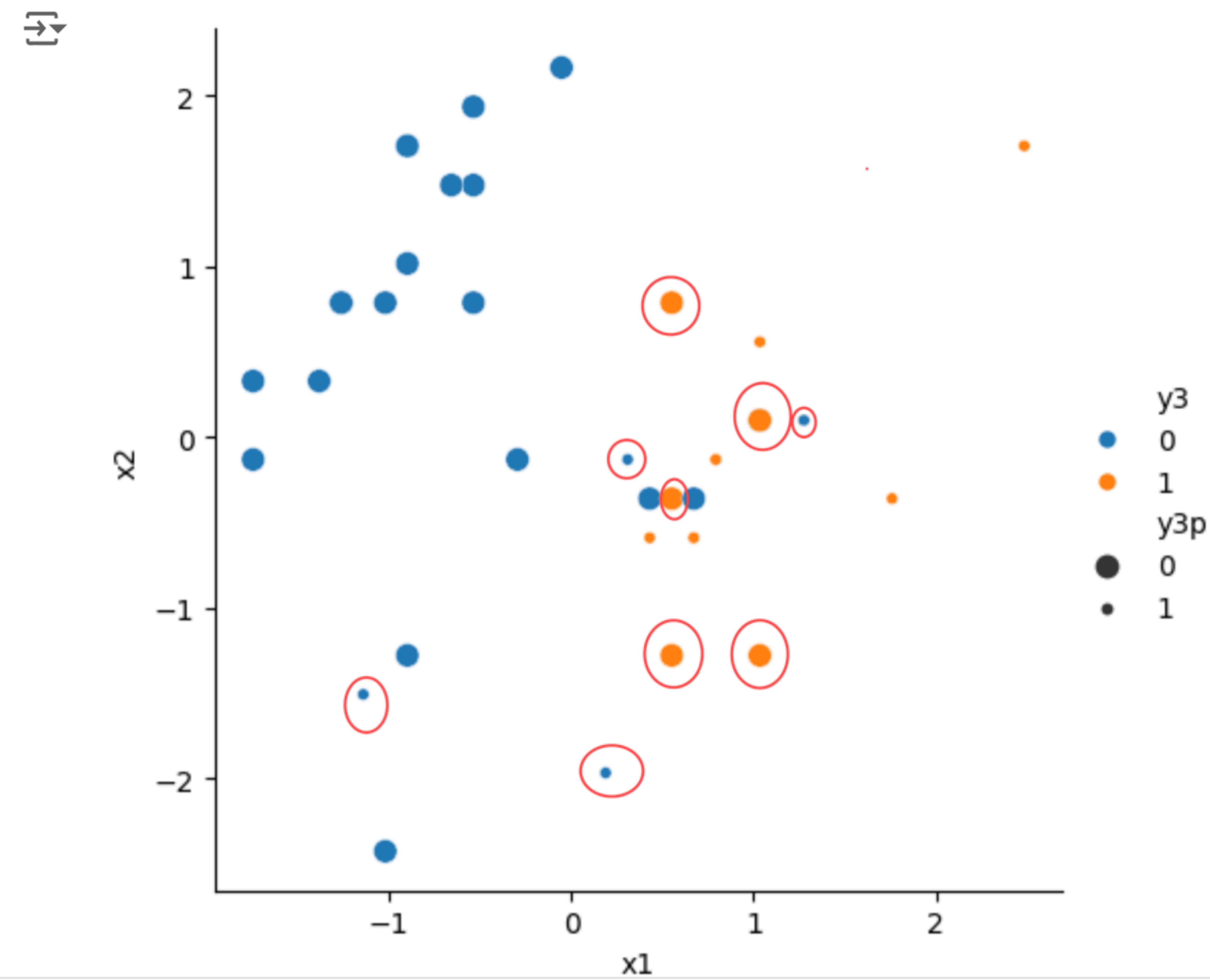
<Axes: xlabel='x1', ylabel='x2'>

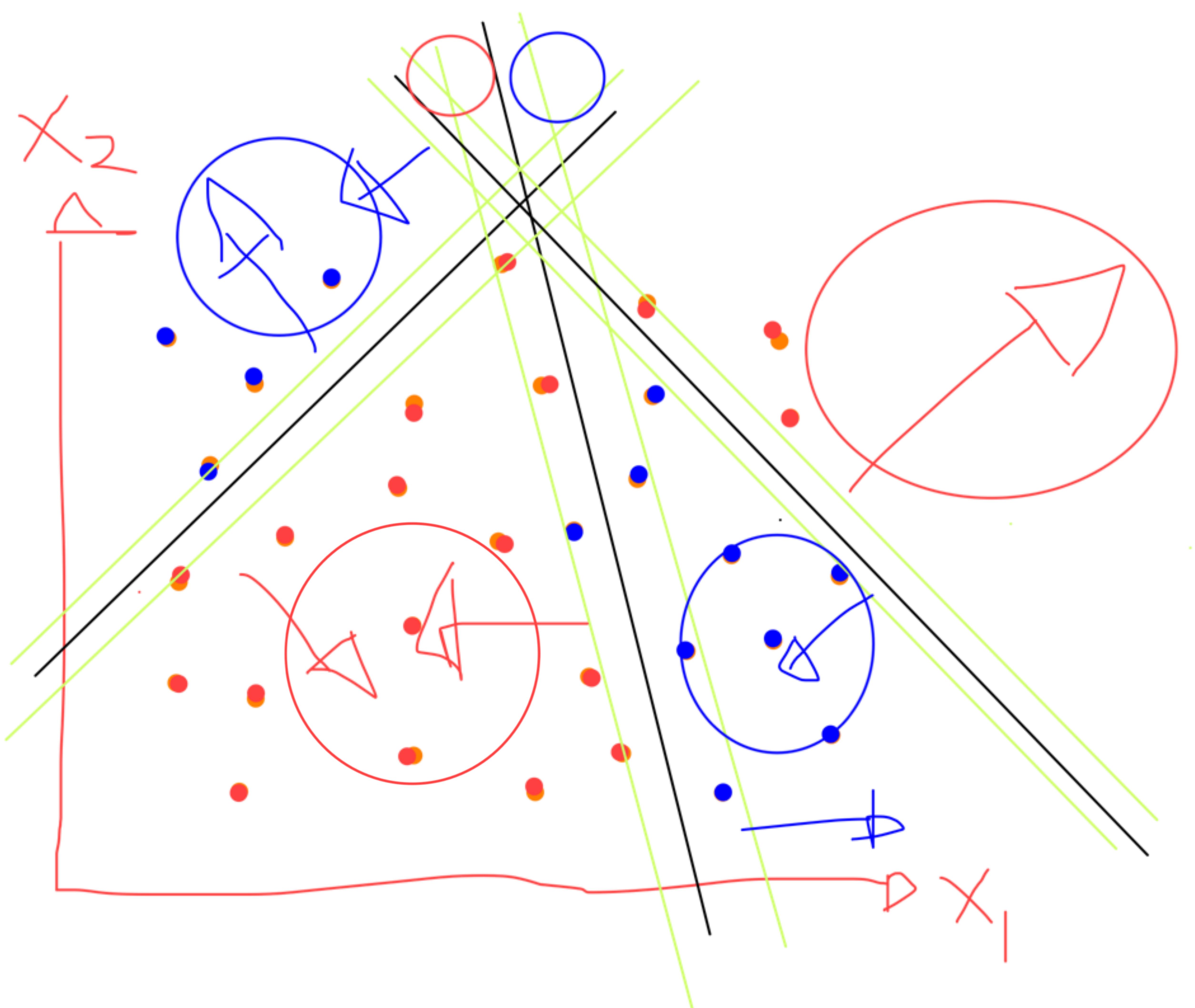


<Axes: xlabel='x1', ylabel='x2'>



```
[103] sns.relplot(iris2, x="x1", y="x2", hue="y3", size="y3p")
      plt.show()
```






$$y = mx - b$$

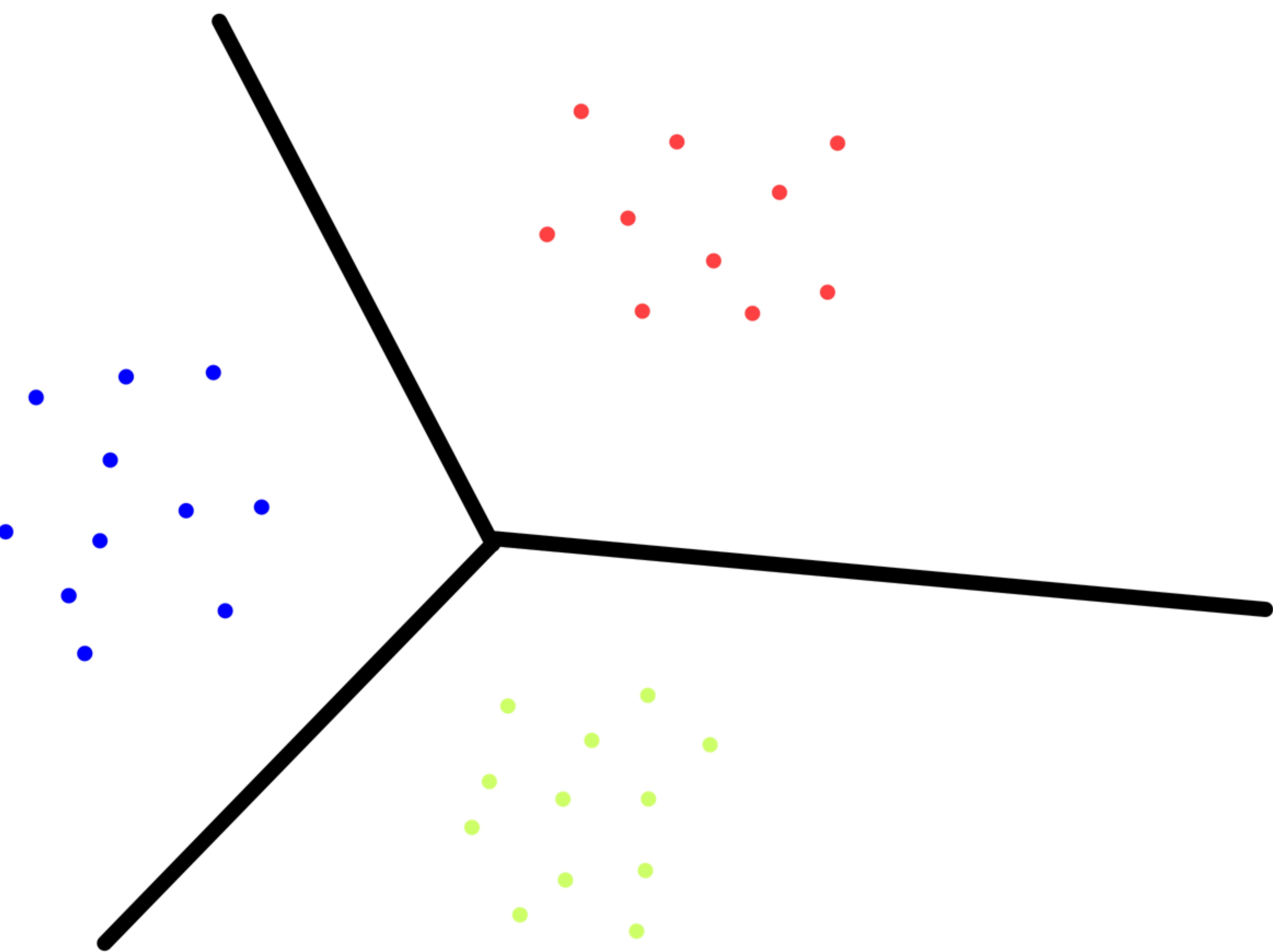
$$y_1 = m x_1 - b$$


$$y_2 = m x_2 - b$$

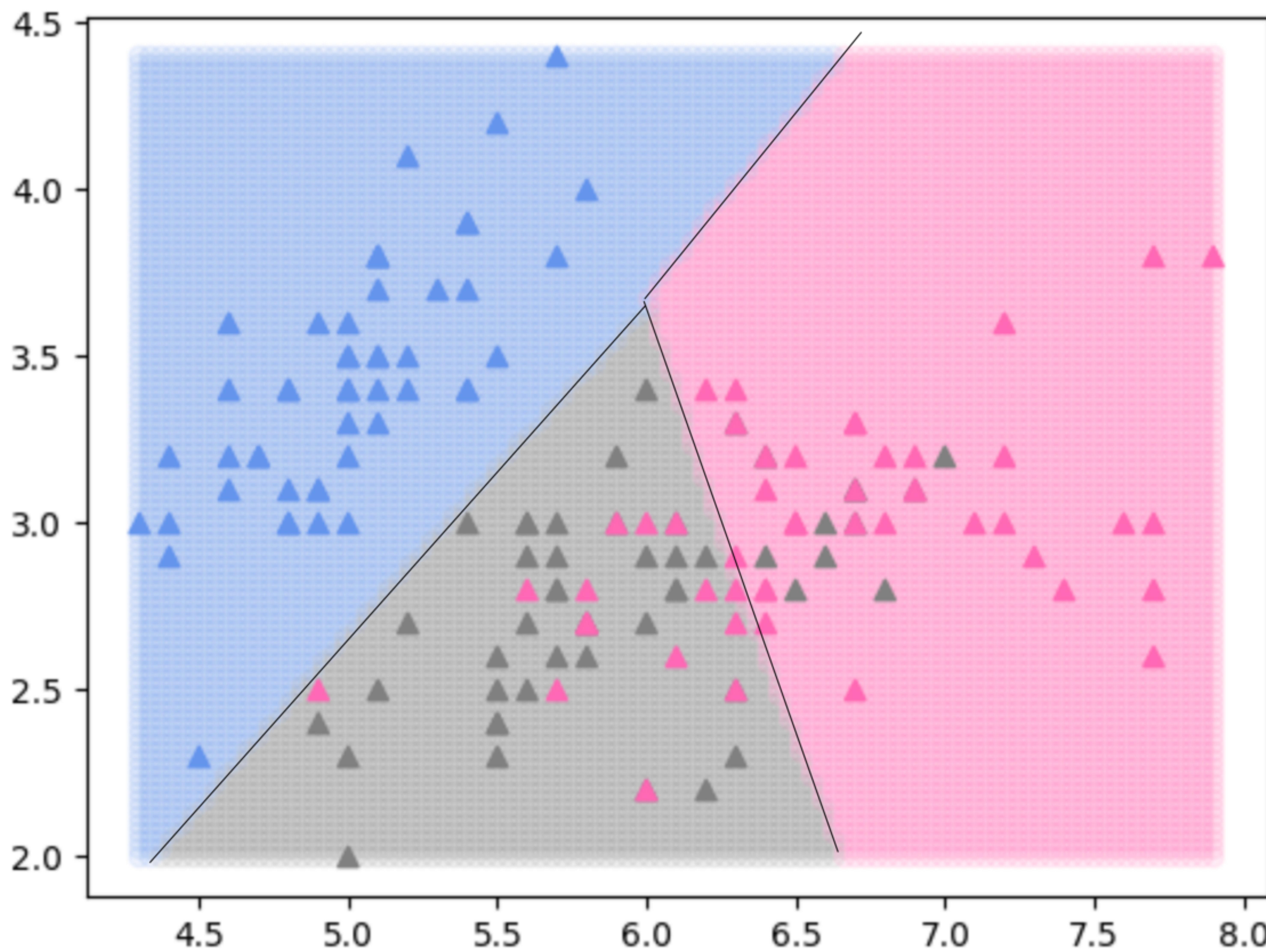
(x_1, y_1)

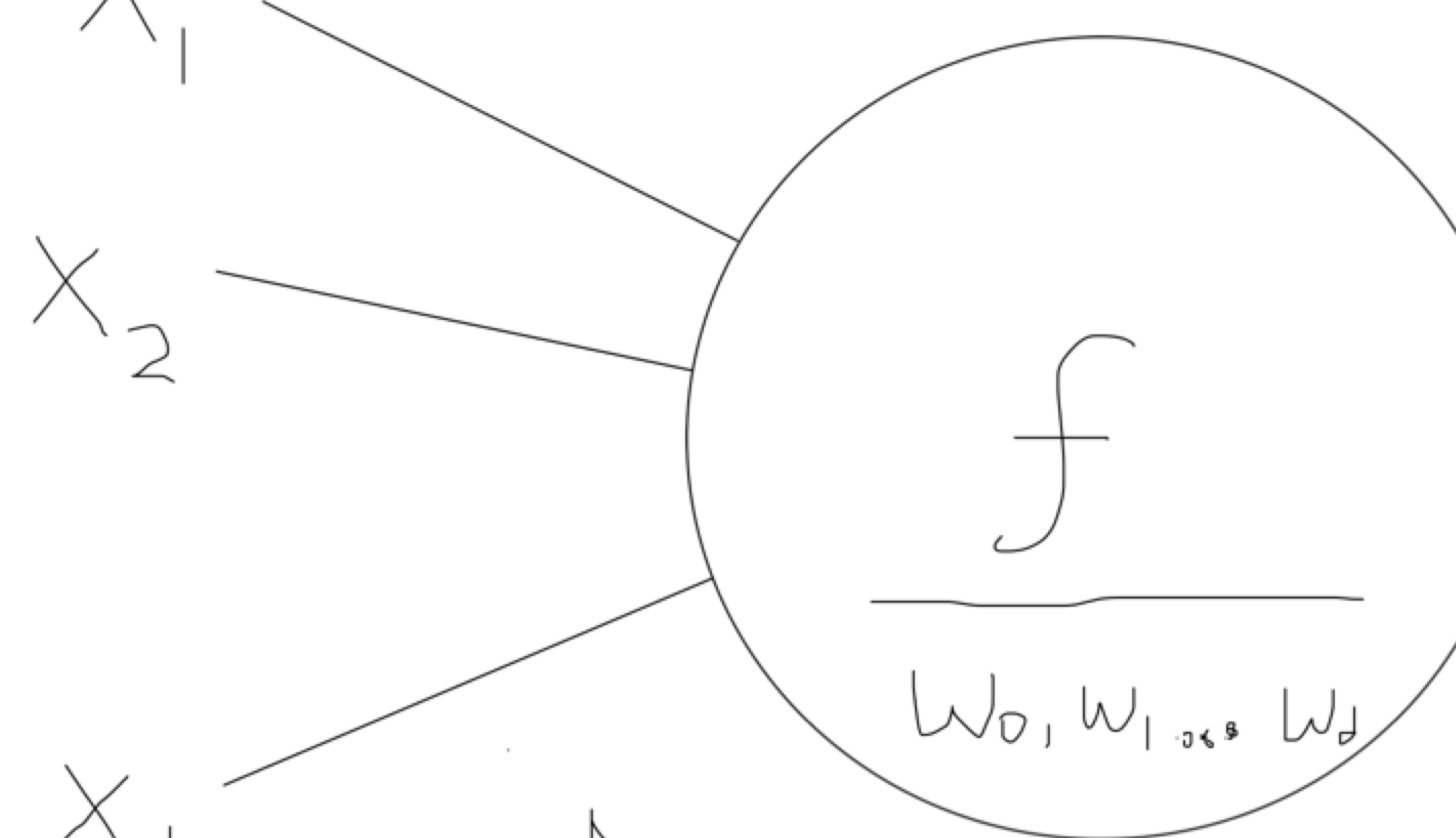
(x_2, y_2)



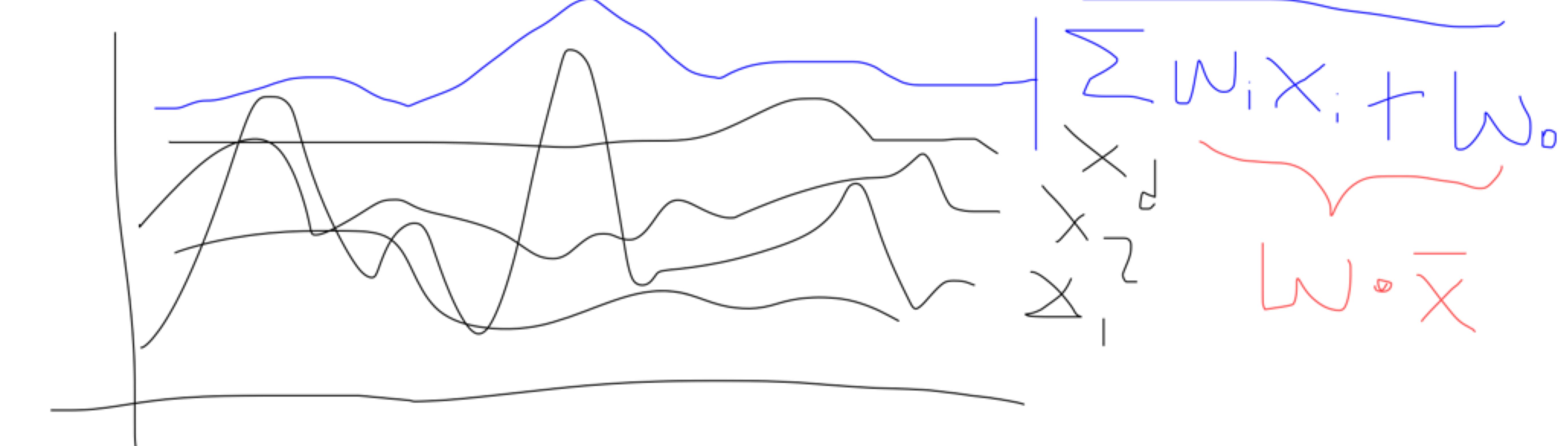
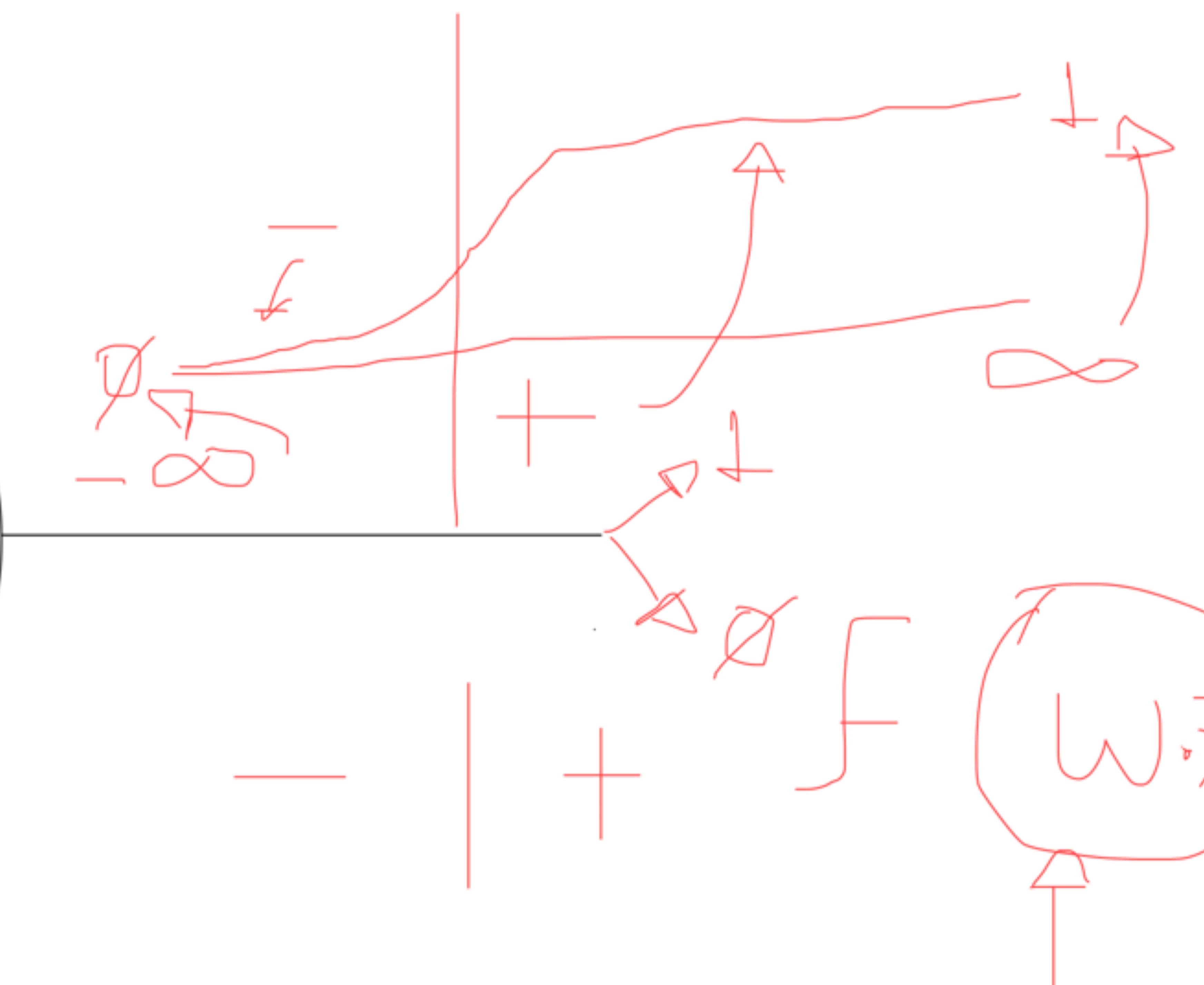








Sigmoid



$$\bar{w} \cdot \bar{x} + w_\phi = \left(\sum_{i=1}^d w_i \cdot x_i \right) + w_\phi$$

$(\bar{w} \cdot \bar{x}) + w_\phi = 1 \cdot 2 + (-1) \cdot 1 + 3 + 1$

$$\begin{aligned} \bar{a} \cdot \bar{b} &= a_1 \cdot b_1 + a_2 \cdot b_2 + \dots + a_d \cdot b_d \\ &= \sum_{i=1}^d a_i \cdot b_i \end{aligned}$$

$$e^{-\infty} = \emptyset$$

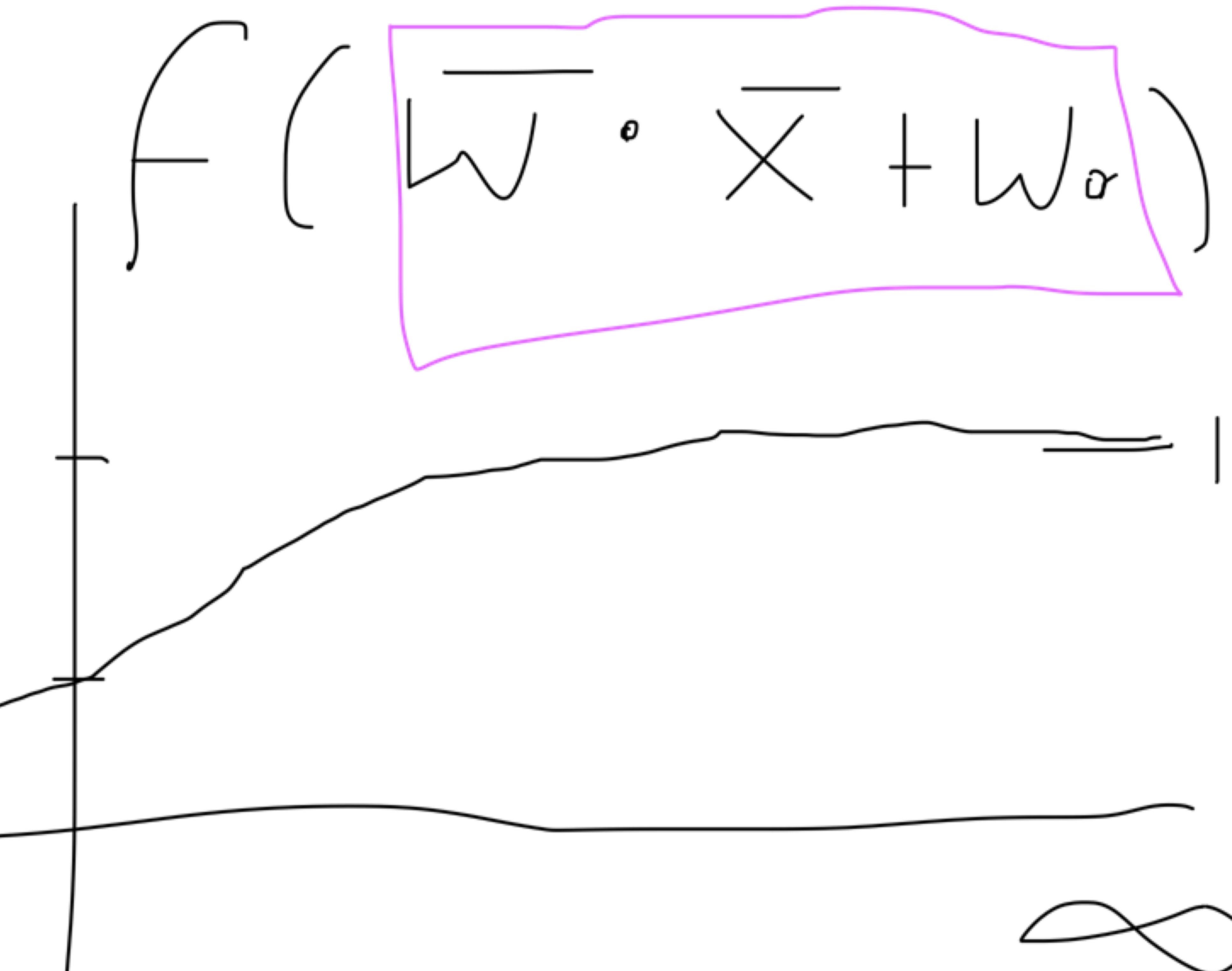
$$\emptyset^{\infty} = \infty$$

$$e^{\emptyset} = |$$

$$\emptyset^{-\infty}$$

$$\frac{|}{\infty} = \emptyset$$

$$\frac{|}{\emptyset} = \infty$$



$$f(x) = \frac{|}{|} + e^{-x} \cdot \boxed{\frac{-x}{w \cdot x}} = \sum w_i x_i$$

$$-\infty = \emptyset$$
$$\infty = |$$

