

Actividad 1

	Diagnostico TBC(-)	Diagnostico TBC (+)	
Test ADA (+)	2	17	
Test ADA (-)	53	28	

	Enfermos	No enfermos
	ADA	TBC
Positivo	17	53
negativo	28	2

$$A = VP = 17$$

$$B = FP = 2$$

$$C = FN = 28$$

$$D = VN = 53$$

$$\text{Sensibilidad} = VP / VP + FN$$

$$\text{Sensibilidad} = 17 / 17 + 28 = 0.37$$

$$\text{Especificidad} = VN / VN + FP$$

$$\text{Especificidad} = 53 / 53 + 2 = 0.96$$

$$VPP = a / a + b$$

$$VPP = 17 / 17 + 2 = 0.89$$

$$VPN = d / c + d$$

$$VPN = 53 / 28 + 53 = 0.65$$

$$RPP = \text{sensibilidad} / 1 - \text{especificidad}$$

$$RPP = 0.37 / 1 - 0.93 = 0.07$$

$$RPN = 1 - \text{sensibilidad} / \text{especificidad}$$

$$RPN = 1 - 0.37 / 0.96 = 0.65$$