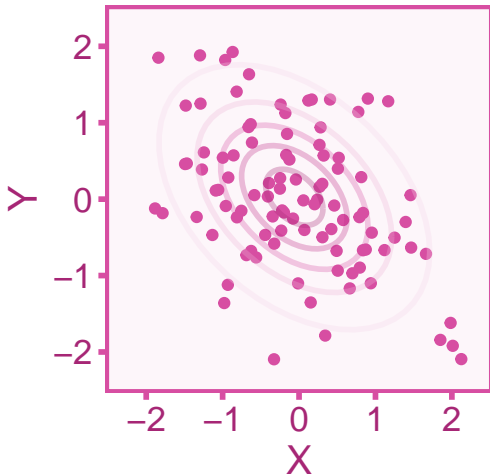


Negative Correlation

$$\rho = -0.5$$



Positive Correlation

$$\rho = 0.5$$

