Negative Correlation
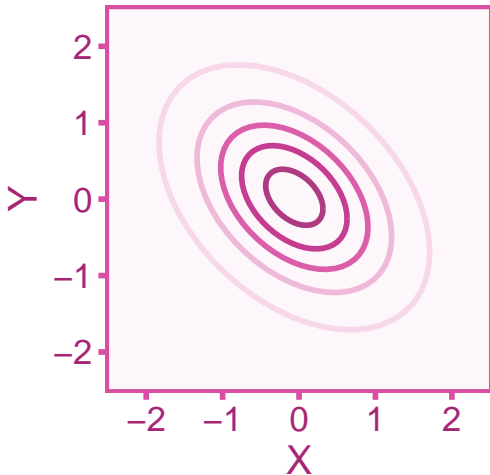$\rho_{XY} = -0.5$

Positive Correlation
$\rho_{XY} = 0.5$