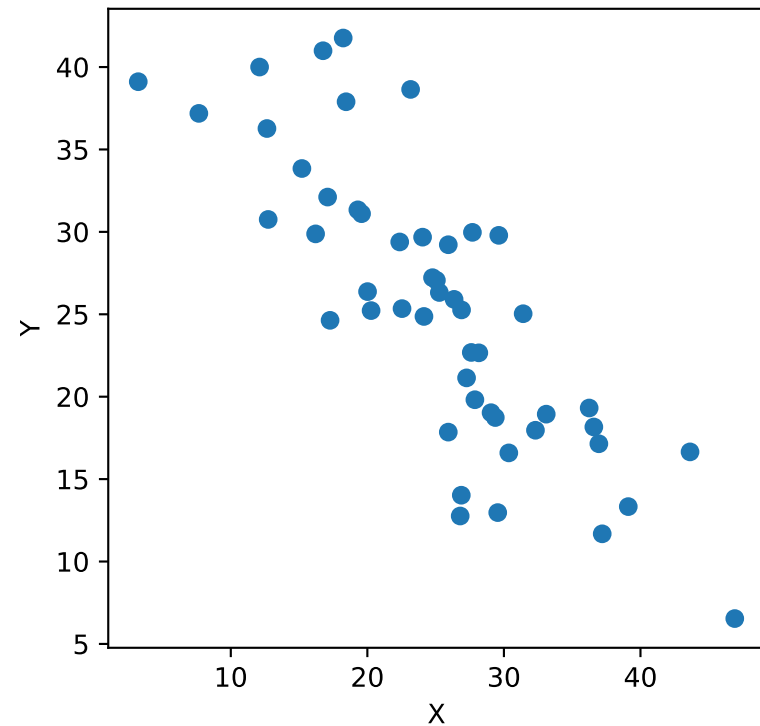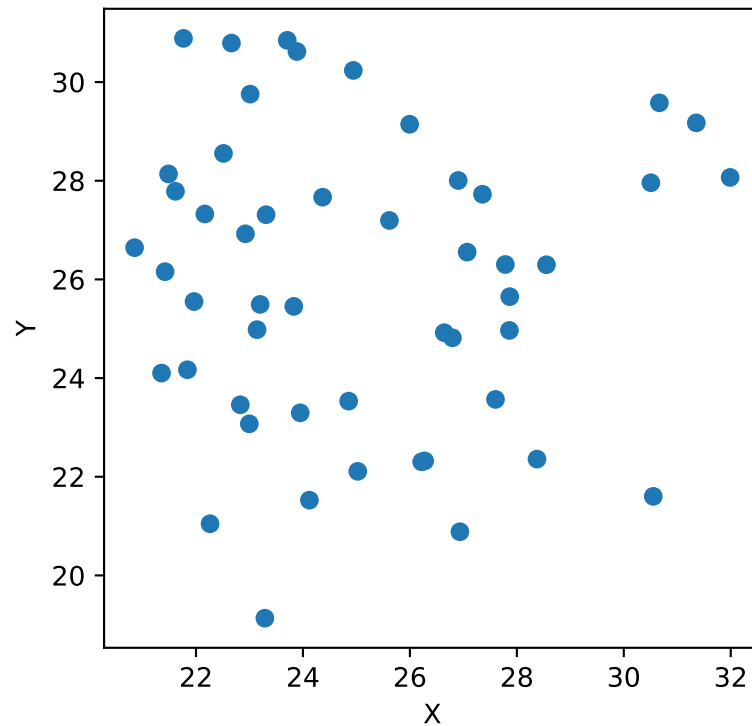# We need a rigorous reliable mathematical measure for linear relationship between X and Y

Kinda negative linear relationship

Hmmm..Almost no linear relationship?

Kinda positive linear relationship