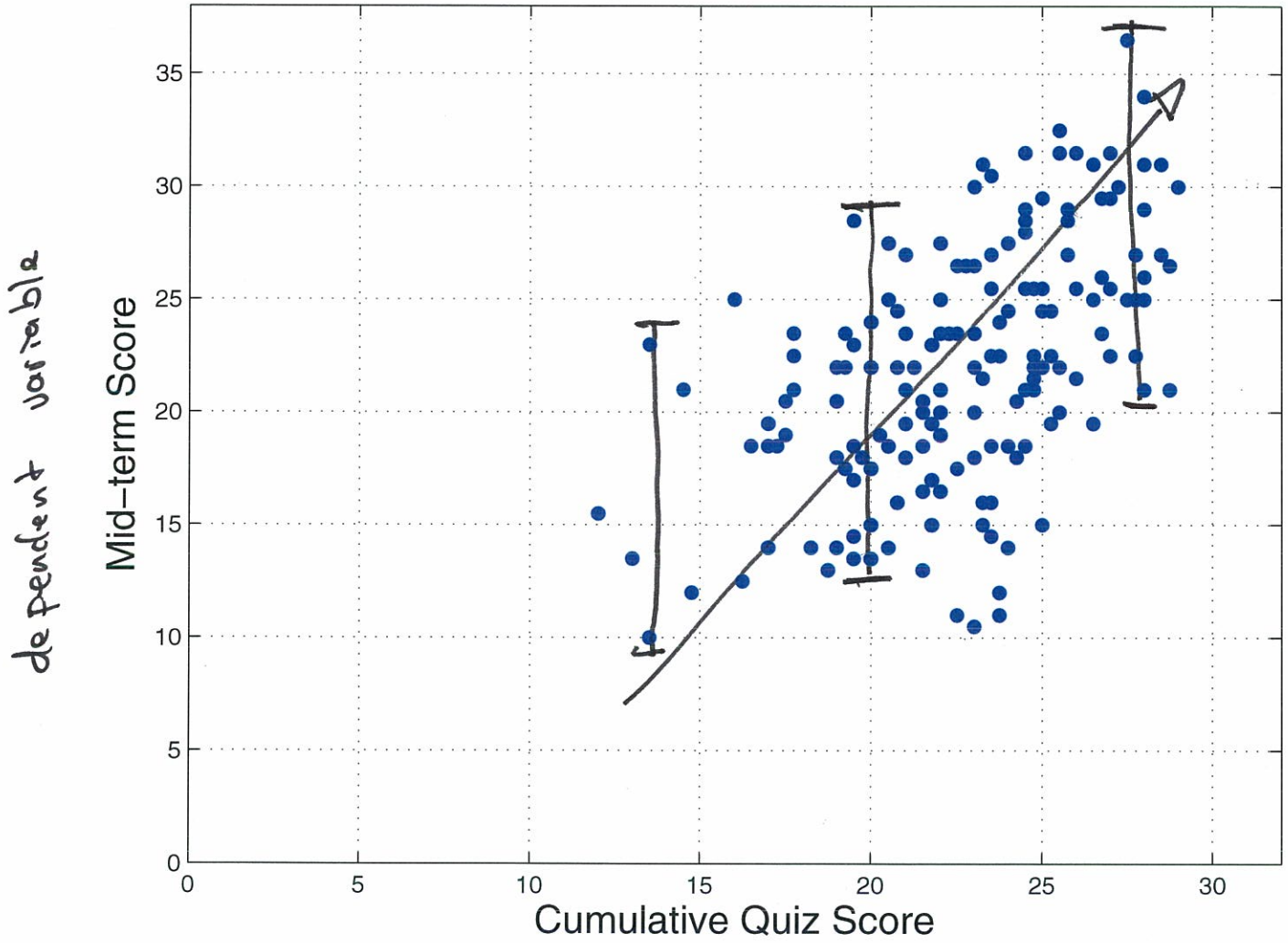


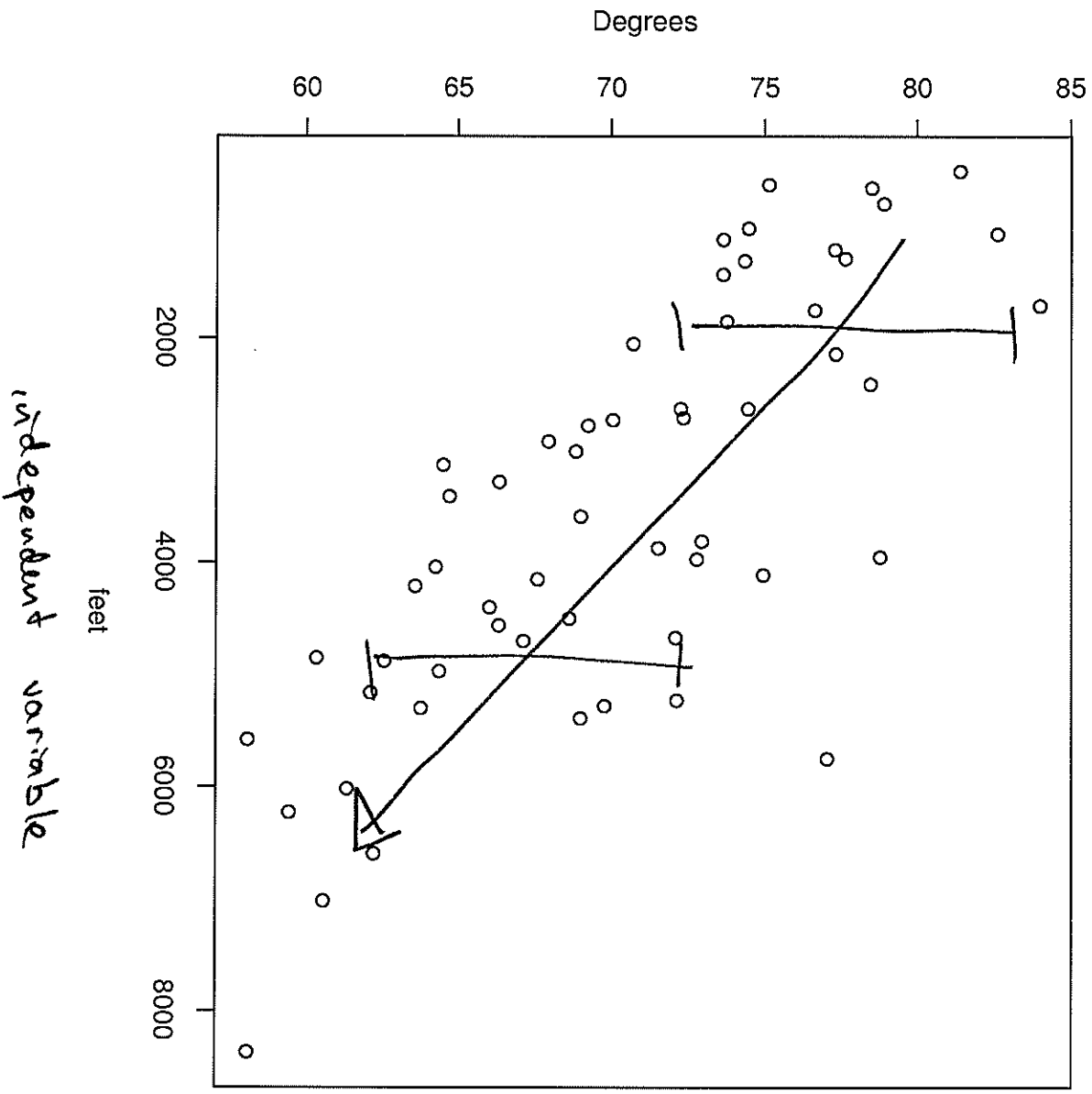
# Correlation

Positive Correlation



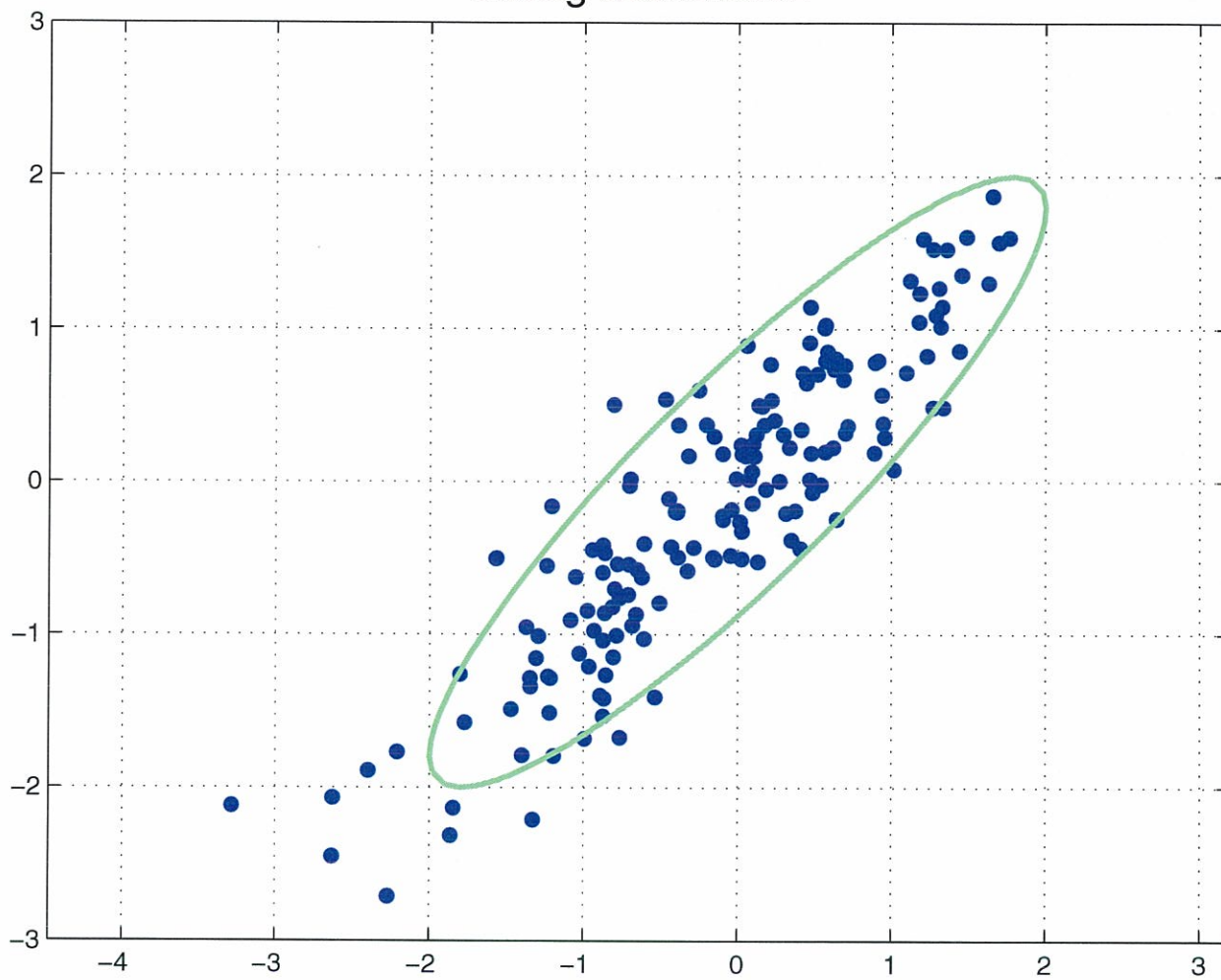
independent variable.

# August Temperatures vs Elevation in Northern California

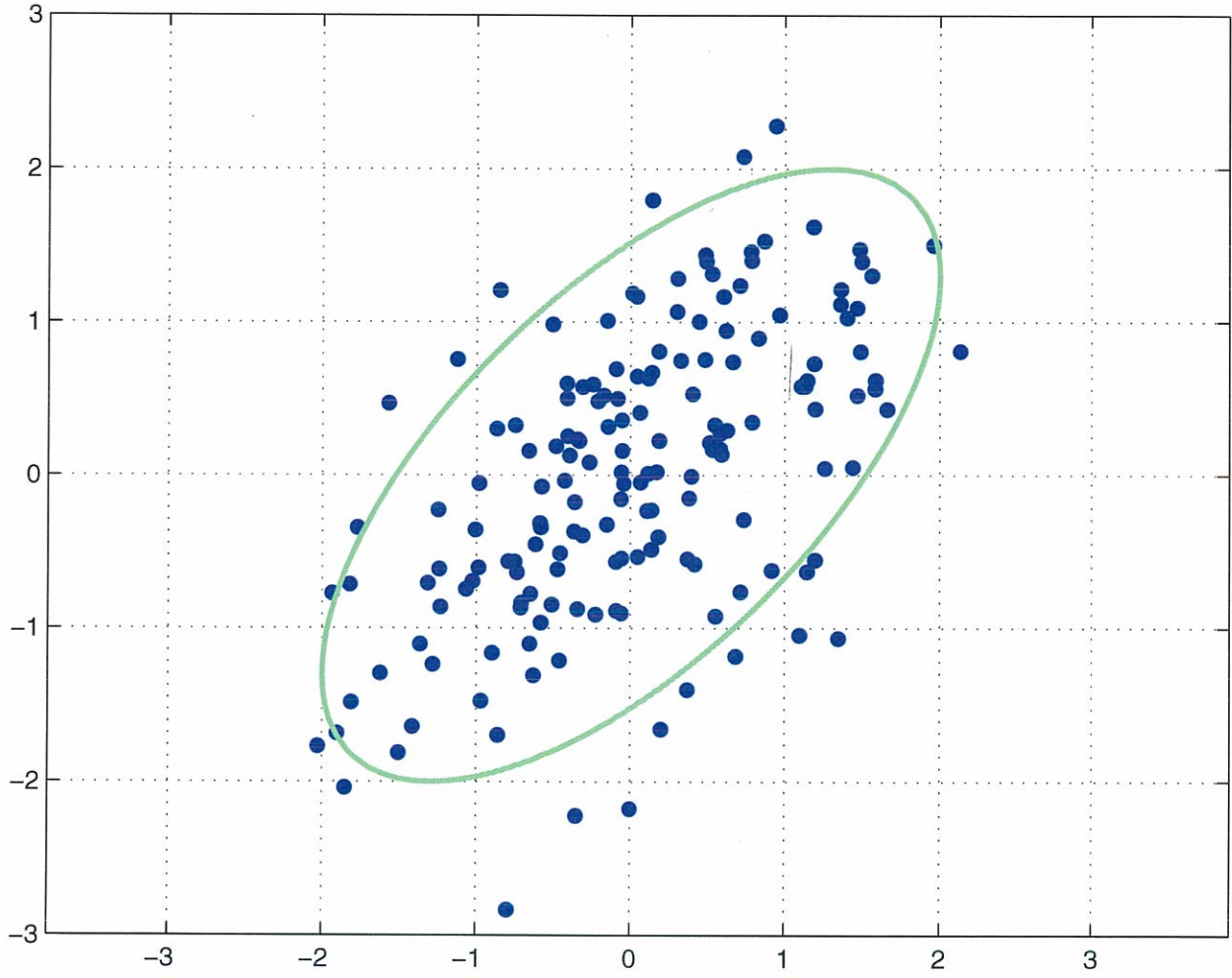


negative correlation as altitude increases temperature decreases.

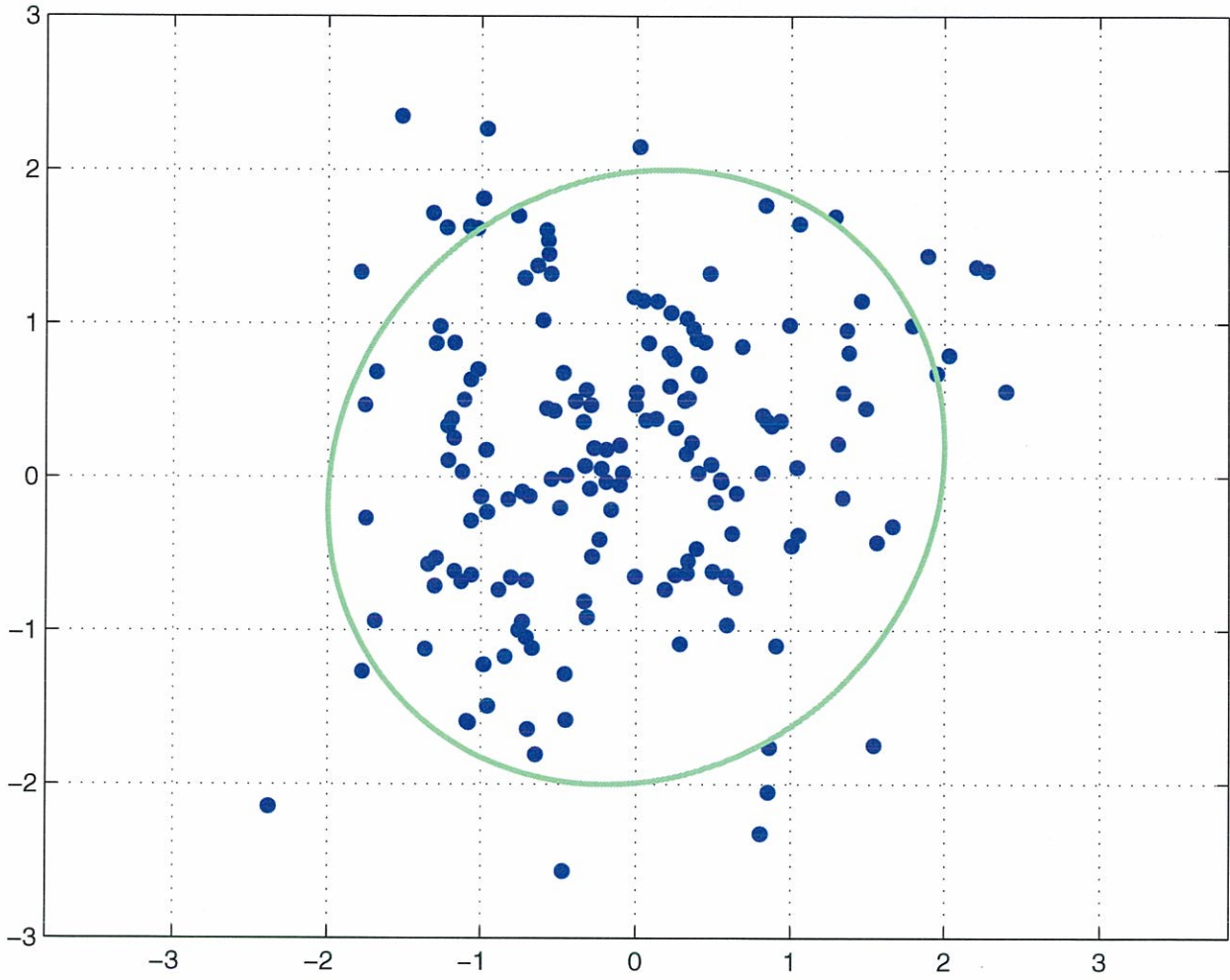
strong association



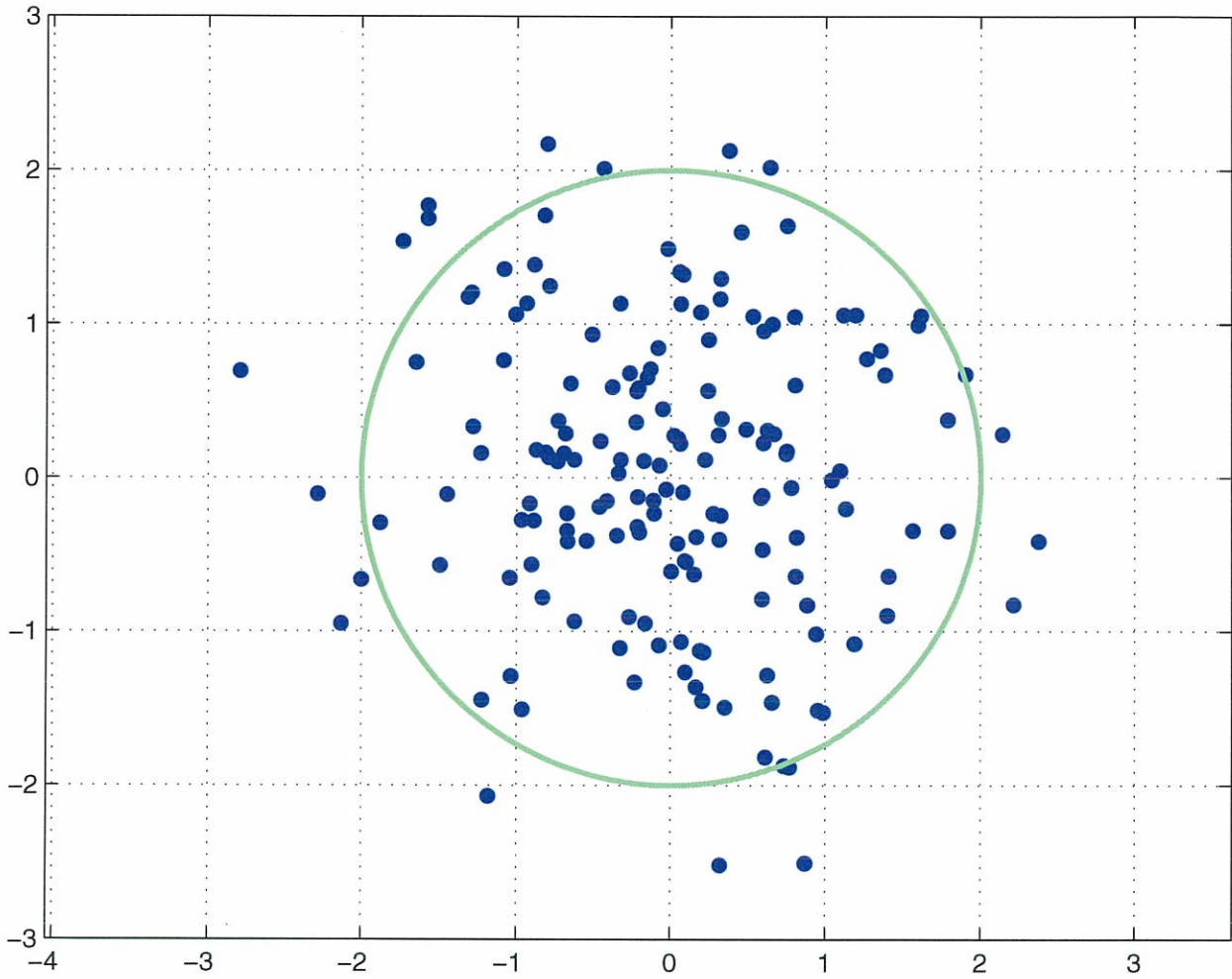
moderate association



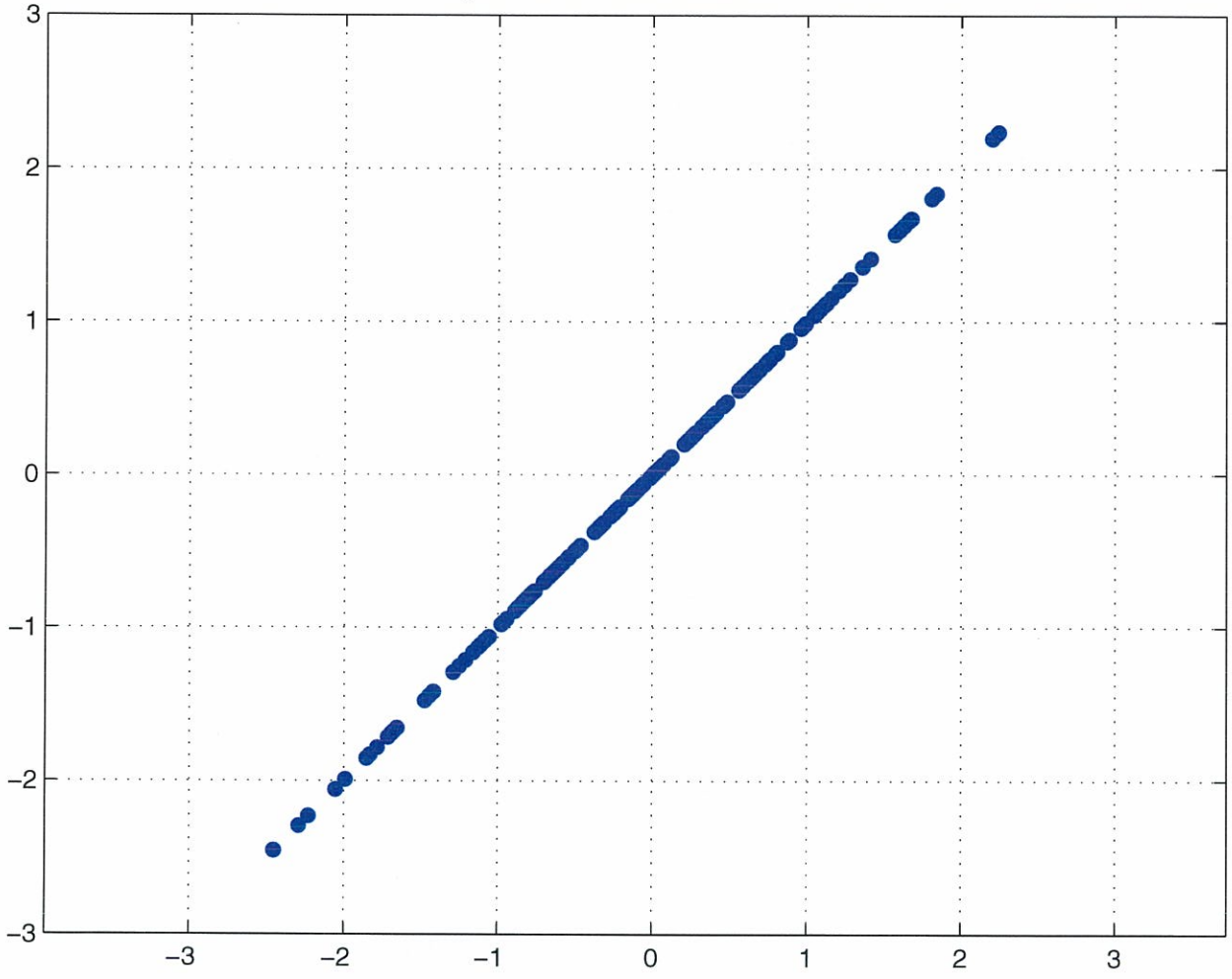
weak association



no association



perfect association



strong association : knowledge of one variable tells you a lot about the other.

weak association : knowing one variable tells you very little about the other.

How to measure the strength of the association.