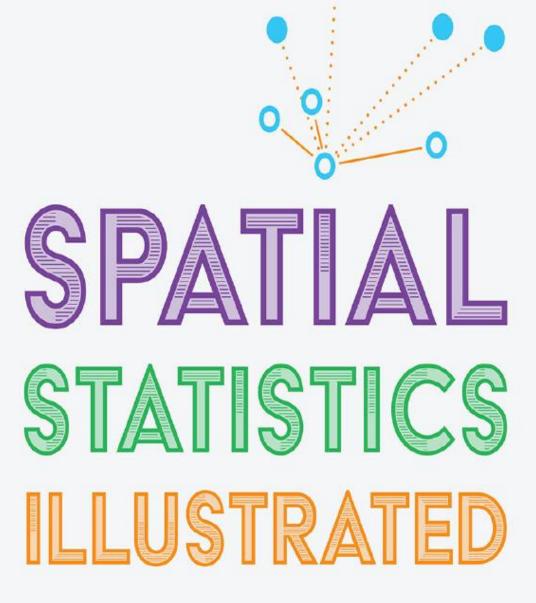
# Statistical Explorations

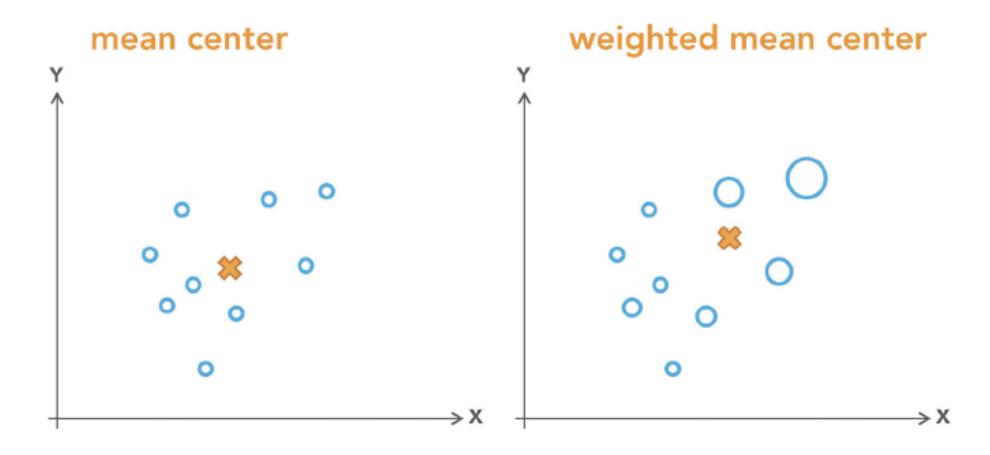
ENV 859 – Geospatial Data Analytics John Fay, Fall 2023



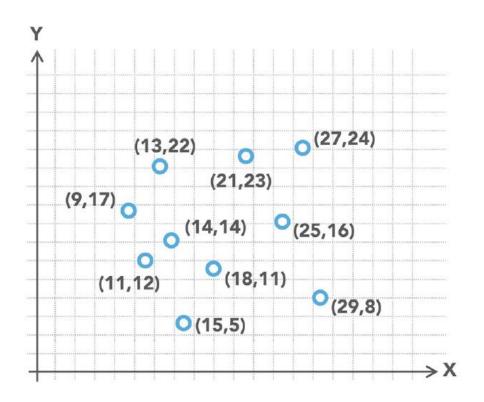
Lauren Bennett, PhD Flora Vale

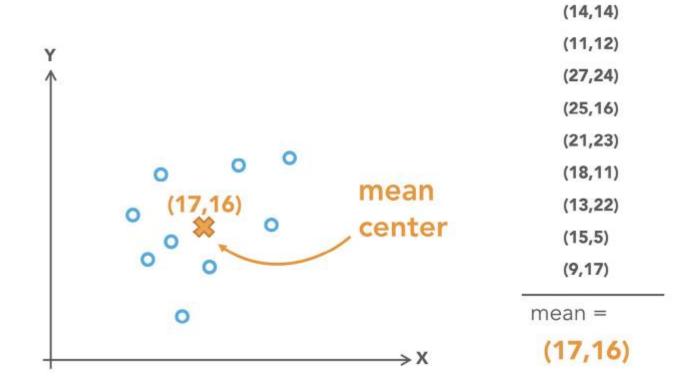
Flora Vale

#### Weighted Mean Center

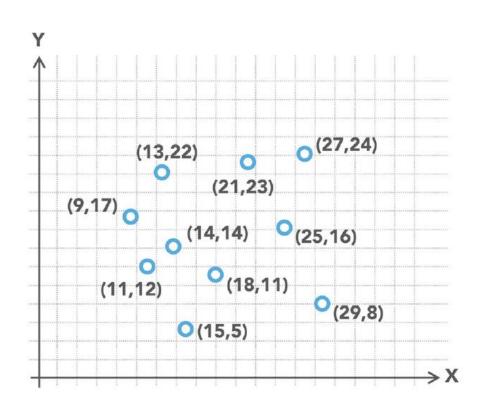


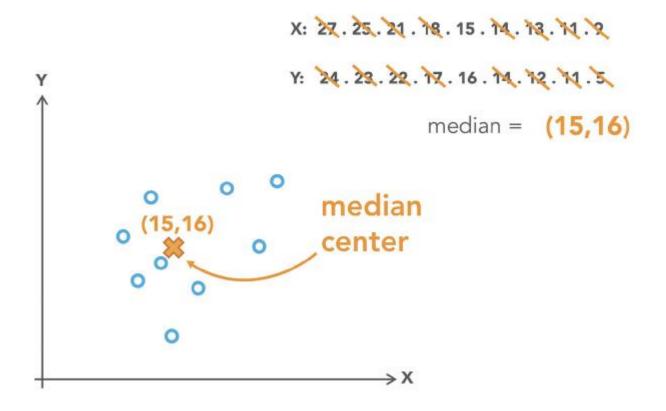
#### Mean Center



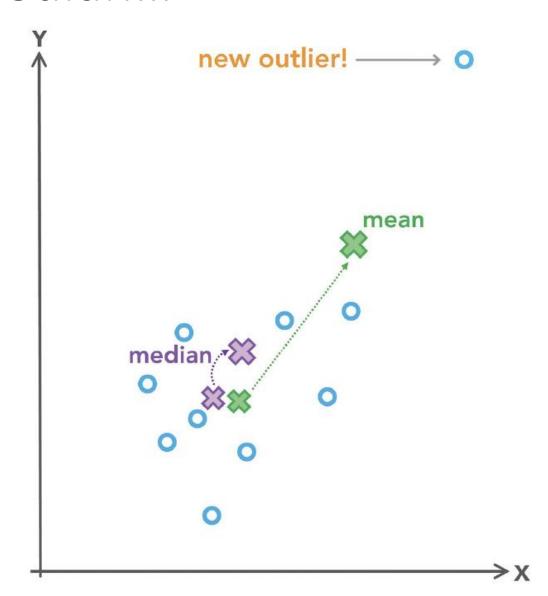


#### Median Center

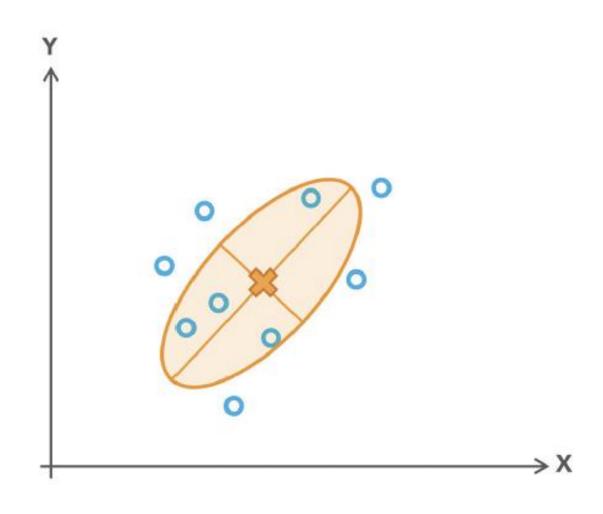




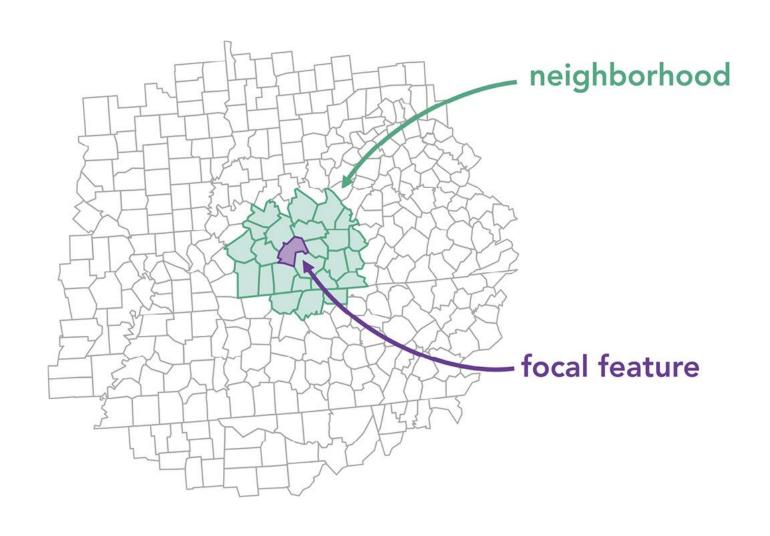
#### Mean vs Median...



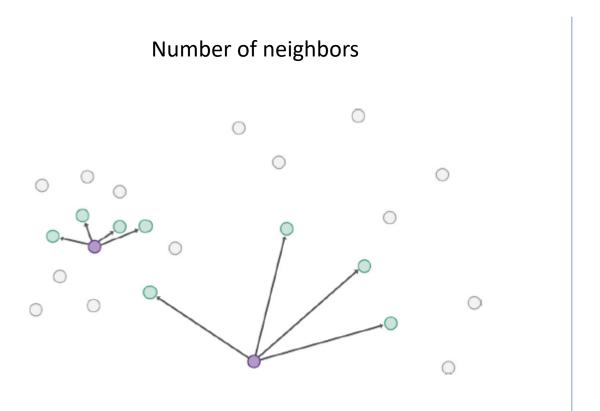
# Standard Deviational Ellipse

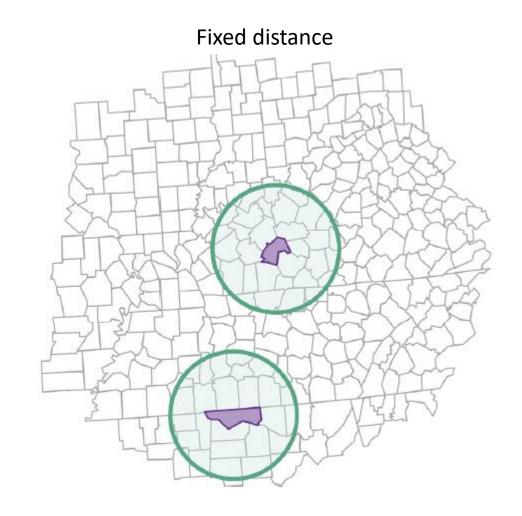


# Neighborhoods

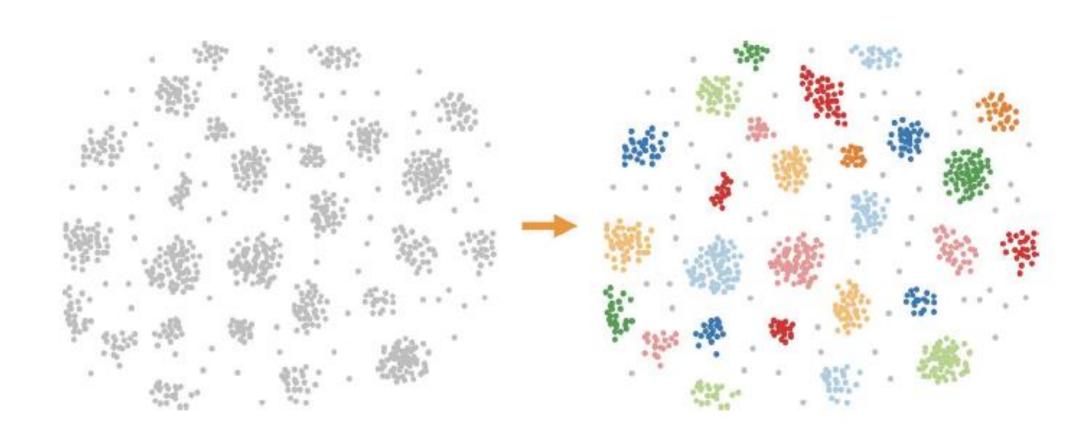


# Defining Neighborhoods:





### Clustering: Density Based (Machine based)



#### Clustering: Multivariate (Data based)

