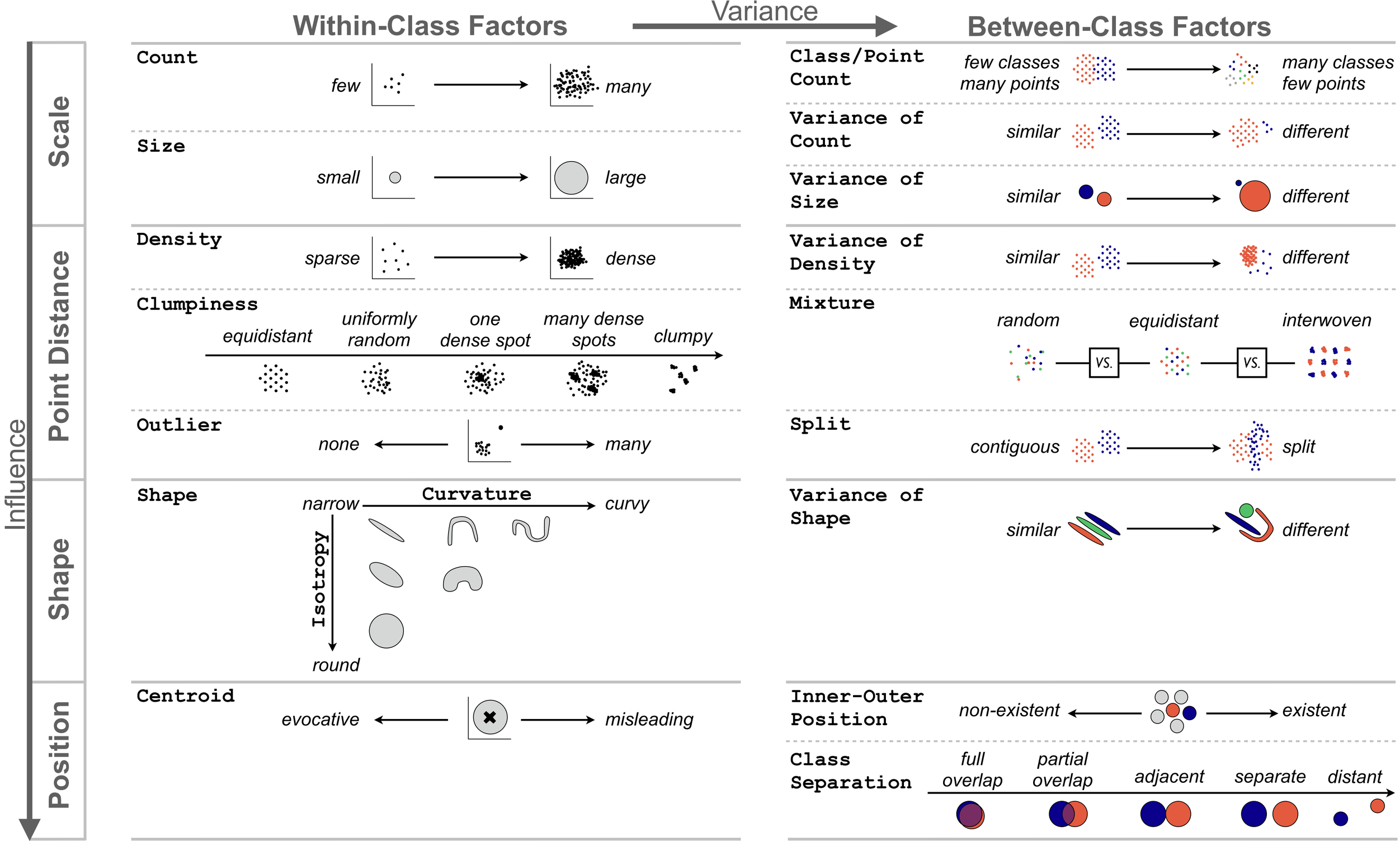
Within-Class Factors
Variance
Between-Class Factors
Influence
Scale
Point Distance
Shape
Position
Count
few
many
Size
small
large
Density
sparse
dense
Clumpiness
equidistant
uniformly random
one dense spot
many dense spots
clumpy
Outlier
none
many
Shape
narrow
Curvature
curvy
Isotropy
round
Centroid
evocative
misleading
Class/Point Count
few classes many points
many classes few points
Variance of Count
similar
different
Variance of Size
similar
different
Variance of Density
similar
different
Mixture
random
equidistant
interwoven
VS.
VS.
Split
contiguous
split
Variance of Shape
similar
different
Inner-Outer Position
non-existent
existent
Class Separation
full overlap
partial overlap
adjacent
separate
distant