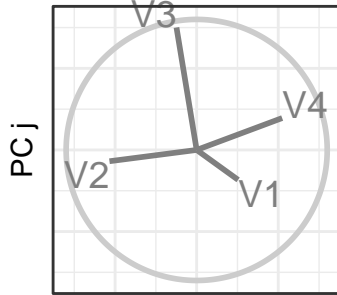


Levels of the experimental factors

Factor

PCA

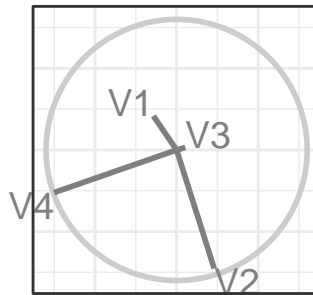
Discrete jump to selected PC pair



PC i

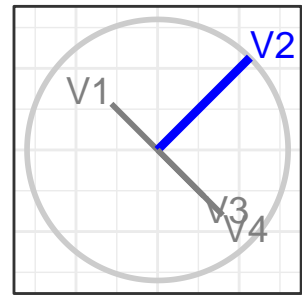
Grand tour

Animation through random bases



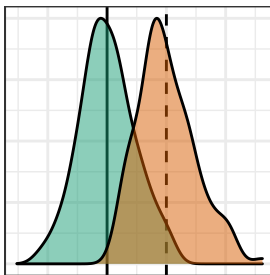
Radial tour

Animation changing the selected variable



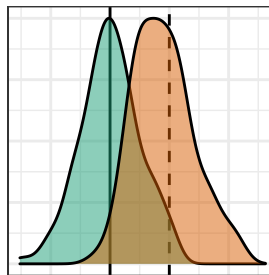
Location

0/100%



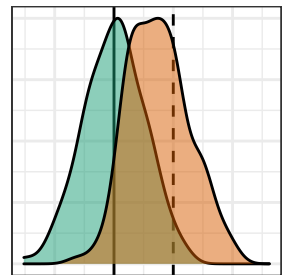
$1 \cdot V1 + 0 \cdot V2$

33/66%



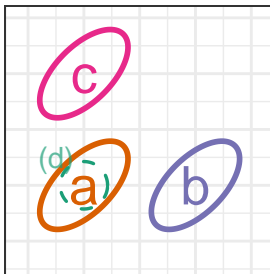
$.866 \cdot V1 + .5 \cdot V2$

50/50%

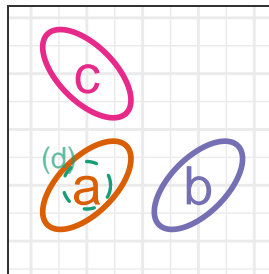


$.7071 \cdot V1 + .7071 \cdot V2$

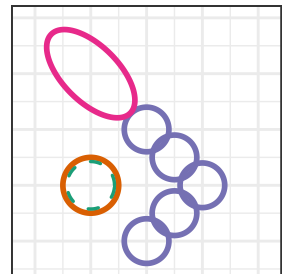
EEE



EEV

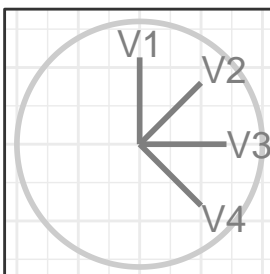


EVV, banana transformed

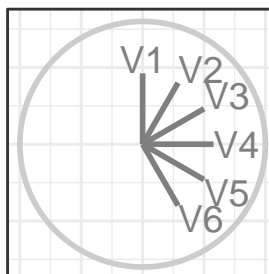


Shape

3 clusters in 4 dimensions



4 clusters in 6 dimensions



Dimension

Cluster 'd', above, only exists when there are six dimensions, is spherical, and 'a' has cluster separation orthogonal to the plane of the other three isodensities.