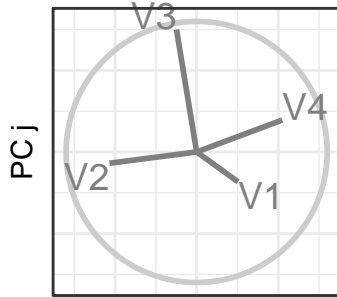


# Levels of the experimental factors

Factor

PCA

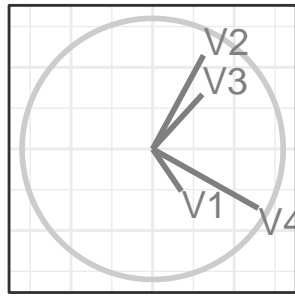
Discrete jump to selected PC pair



PC i

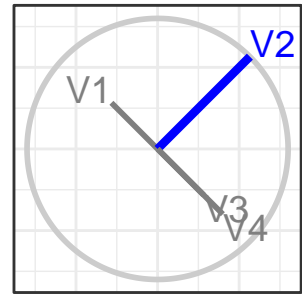
Grand tour

Animation through random bases



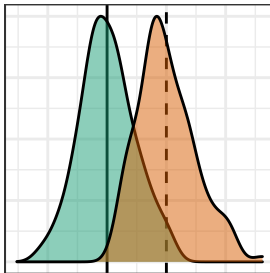
Radial tour

Animation changing the selected variable



Location

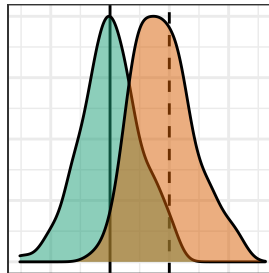
0/100%



$1 \cdot V1 + 0 \cdot V2$

EEE

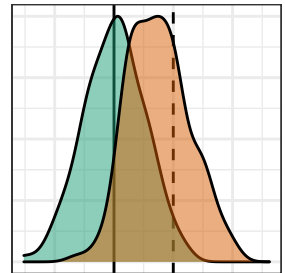
33/66%



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

EEV

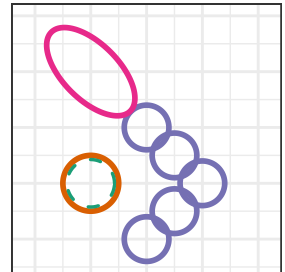
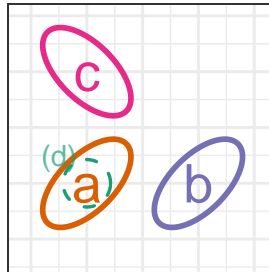
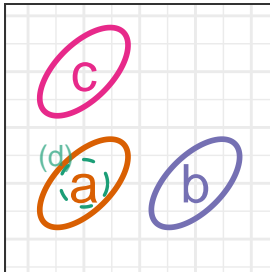
50/50%



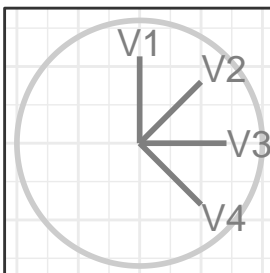
$.7071 \cdot V1 + .7071 \cdot V2$

EVV, banana transformed

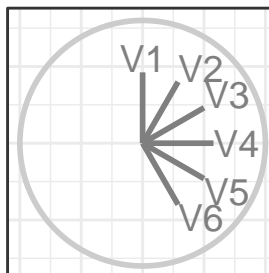
Shape



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.