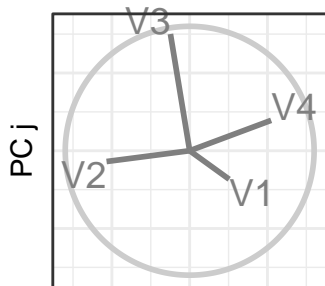


# Levels of the experimental factors

Factor

PCA

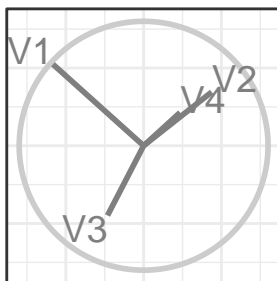
Discrete jump to selected PC pair



PC i

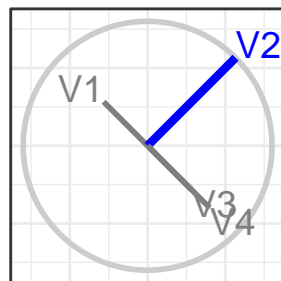
Grand tour

Animation through random bases



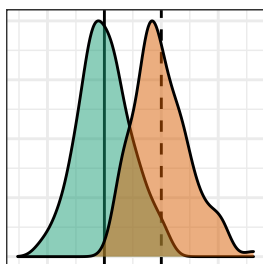
Radial tour

Animation changing the selected variable



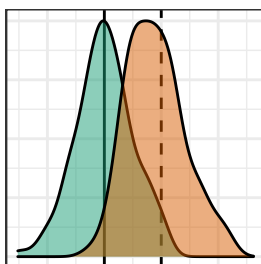
Location

0/100%



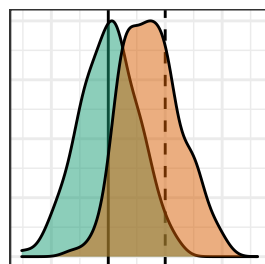
$1 \cdot V1 + 0 \cdot V2$

33/66%



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

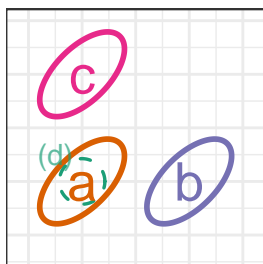
50/50%



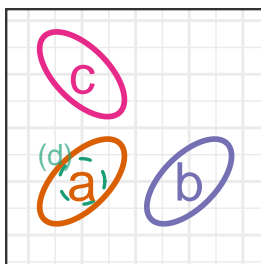
$.7071 \cdot V1 + .7071 \cdot V2$

Shape

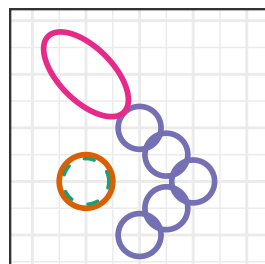
EEE



EEV

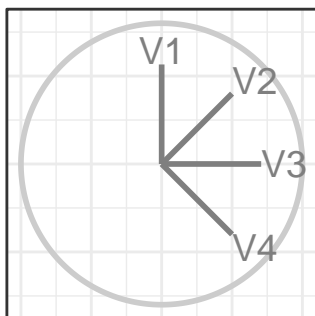


EVV, banana transformed

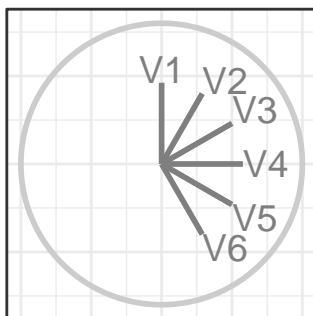


Dimension

3 clusters in 4 dimensions



4 clusters in 6 dimensions



Cluster 'd', above, only exists when there are 6 dimensions, is spherical, and 'a' has cluster separation orthogonal to the plane of the other 3 isodensities.