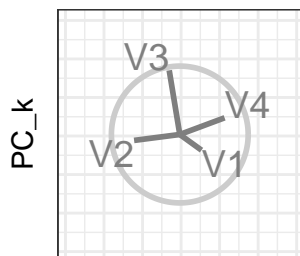


factor

PCA

Discrete jump to selected pair

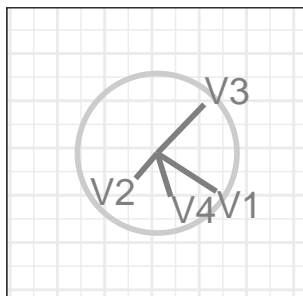


PC_j

Levels of the block

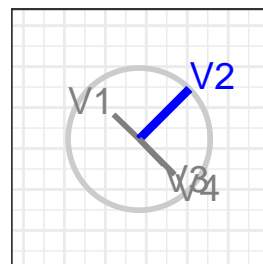
grand tour

Animation through random bases



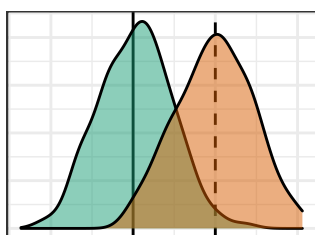
radial tour

Animation changing contribution of selected variable



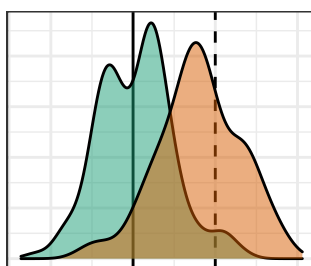
location

0/100%

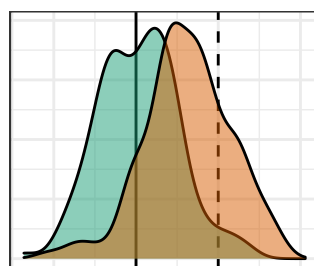
 $1 \cdot V1 + 0 \cdot V2$

(signal & noise respectively)

33/66%

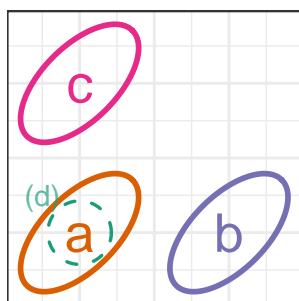
 $.866 \cdot V1 + .5 \cdot V2$

50/50%

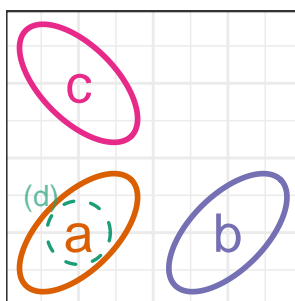
 $.7071 \cdot V1 + .7071 \cdot V2$

shape

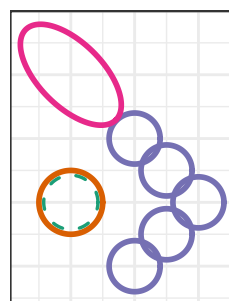
EEE



EEV

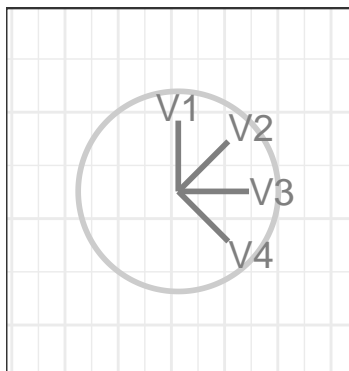


EVV, banana transformed

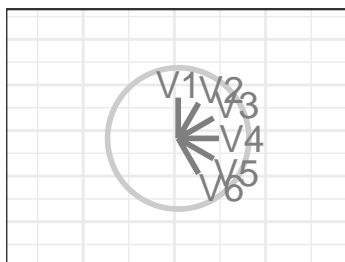


dimension

3 cluster in 4 dim



4 cluster in 6 dim



Cluster 'd', above, only exists when there are 6 dim, is spherical like the noise dim, but has cluster separation behind the plane of the other 3 isodensities.