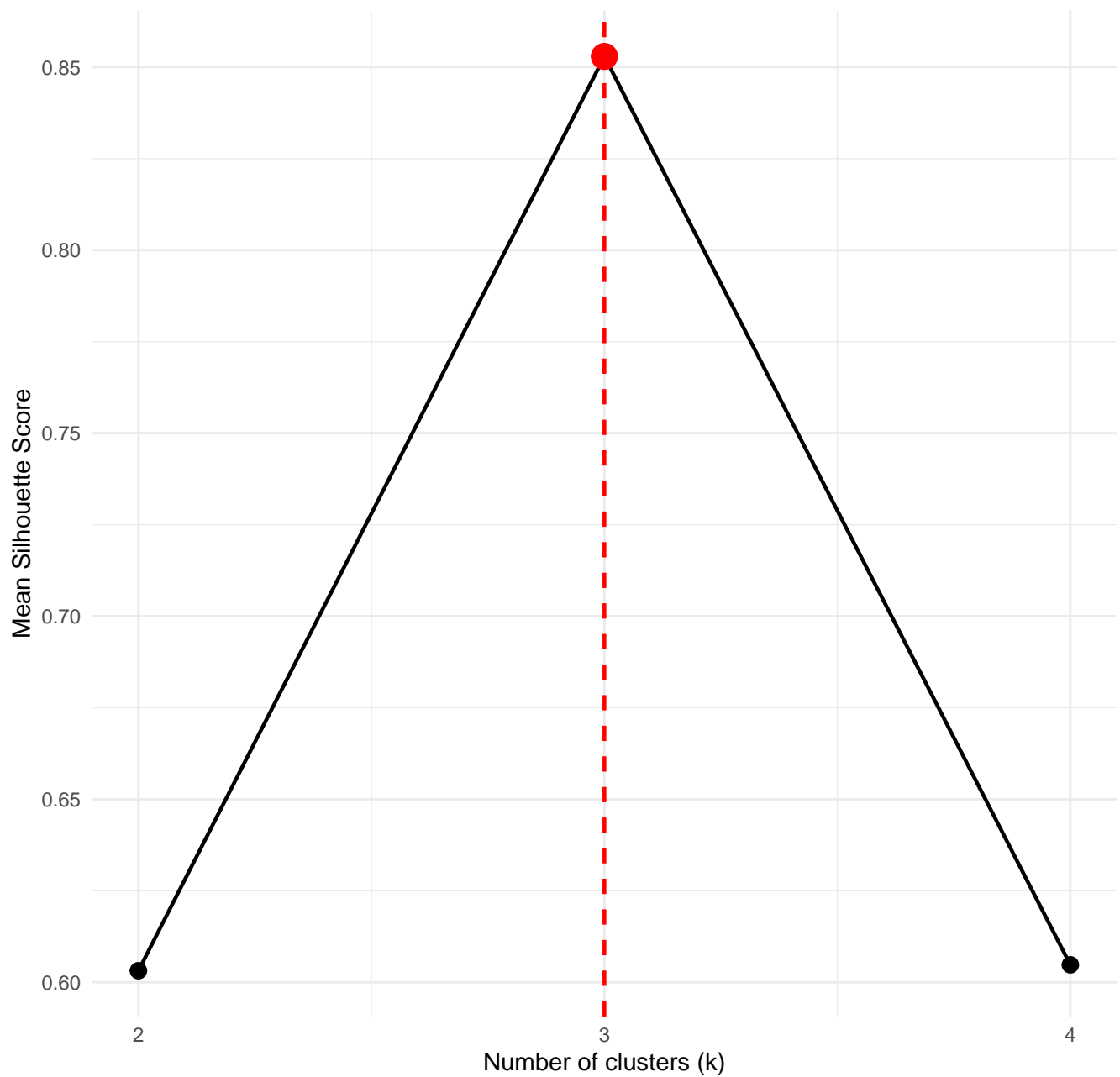
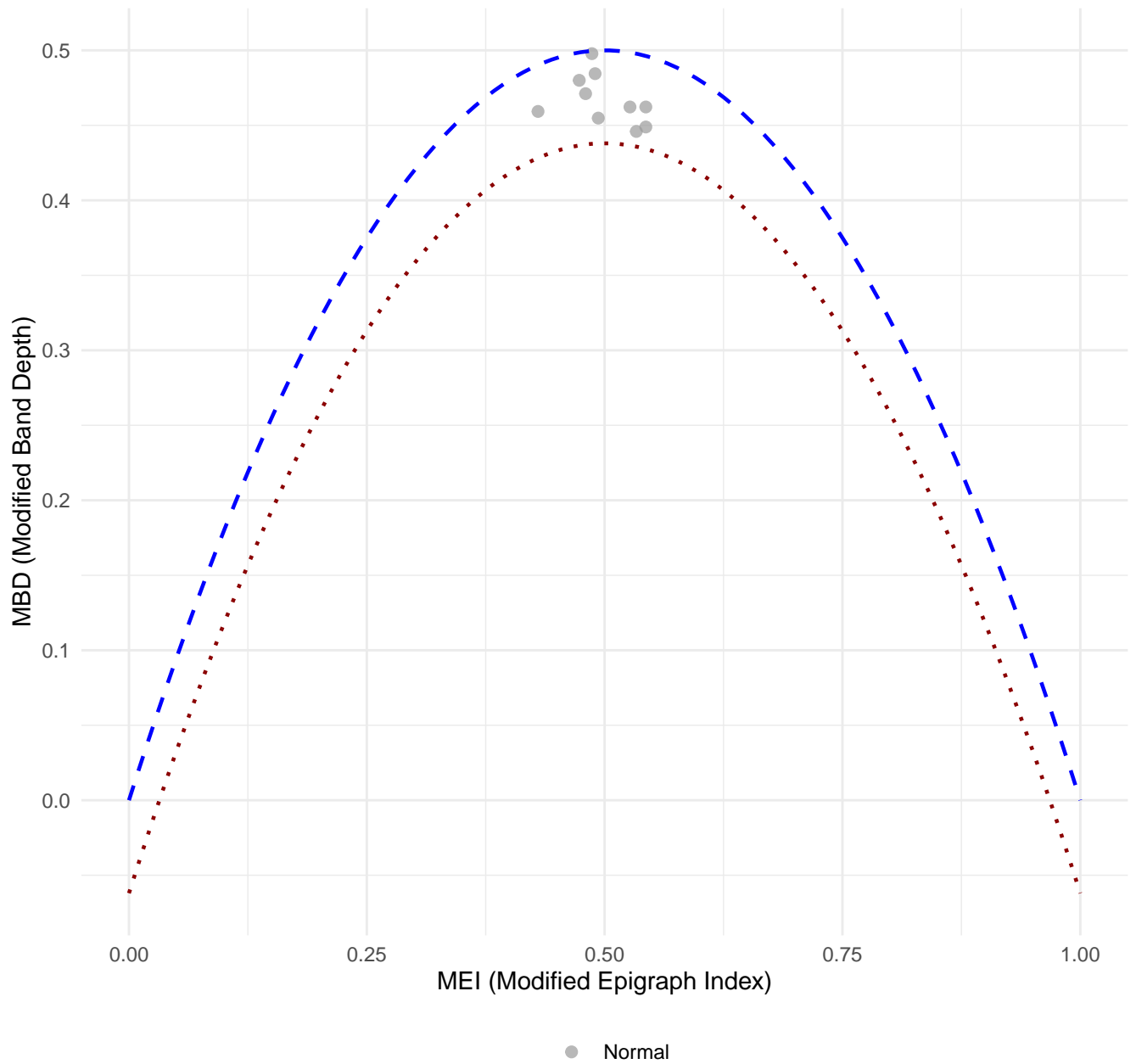


Optimal k Selection: silhouette

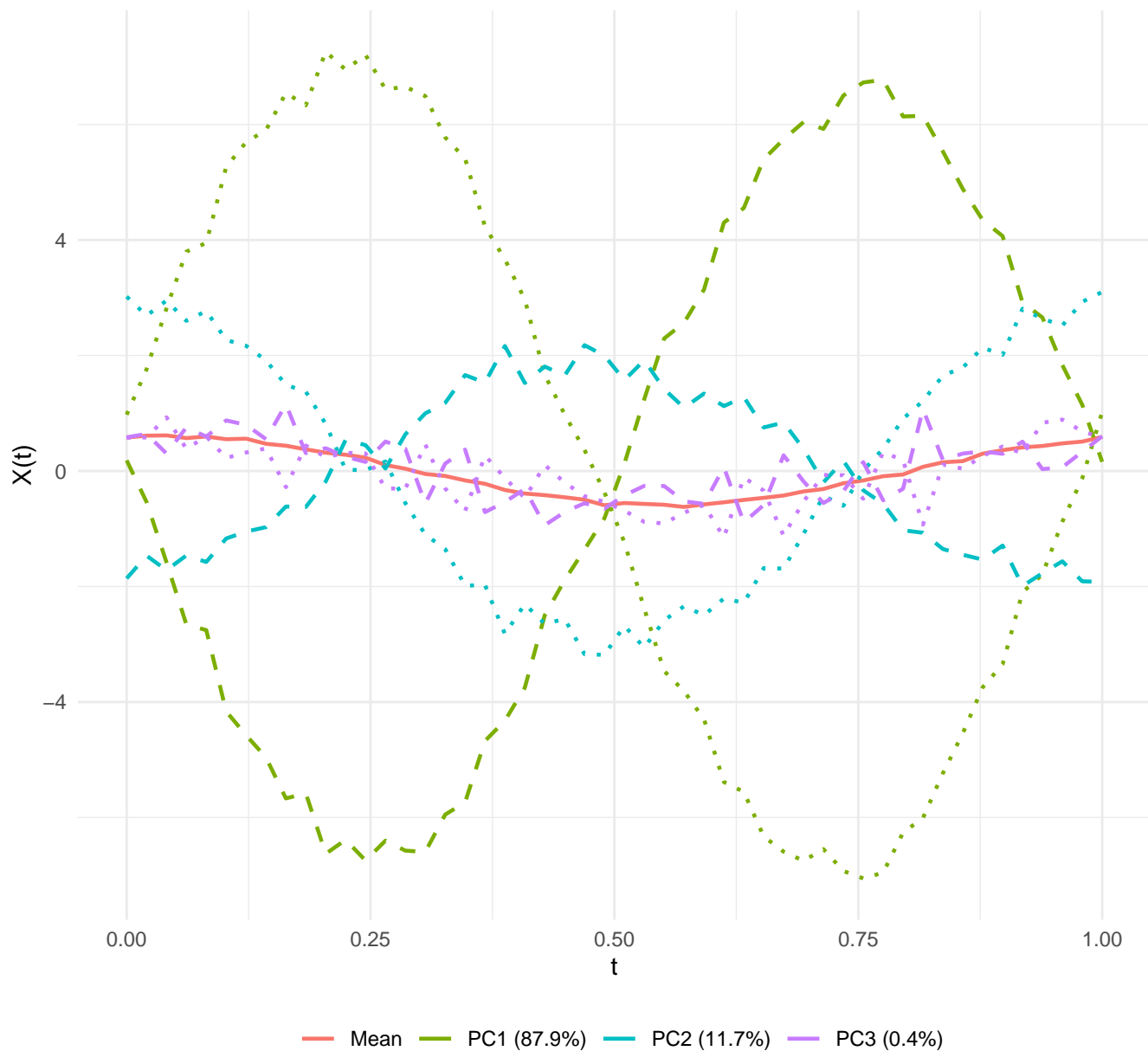


Outliergram

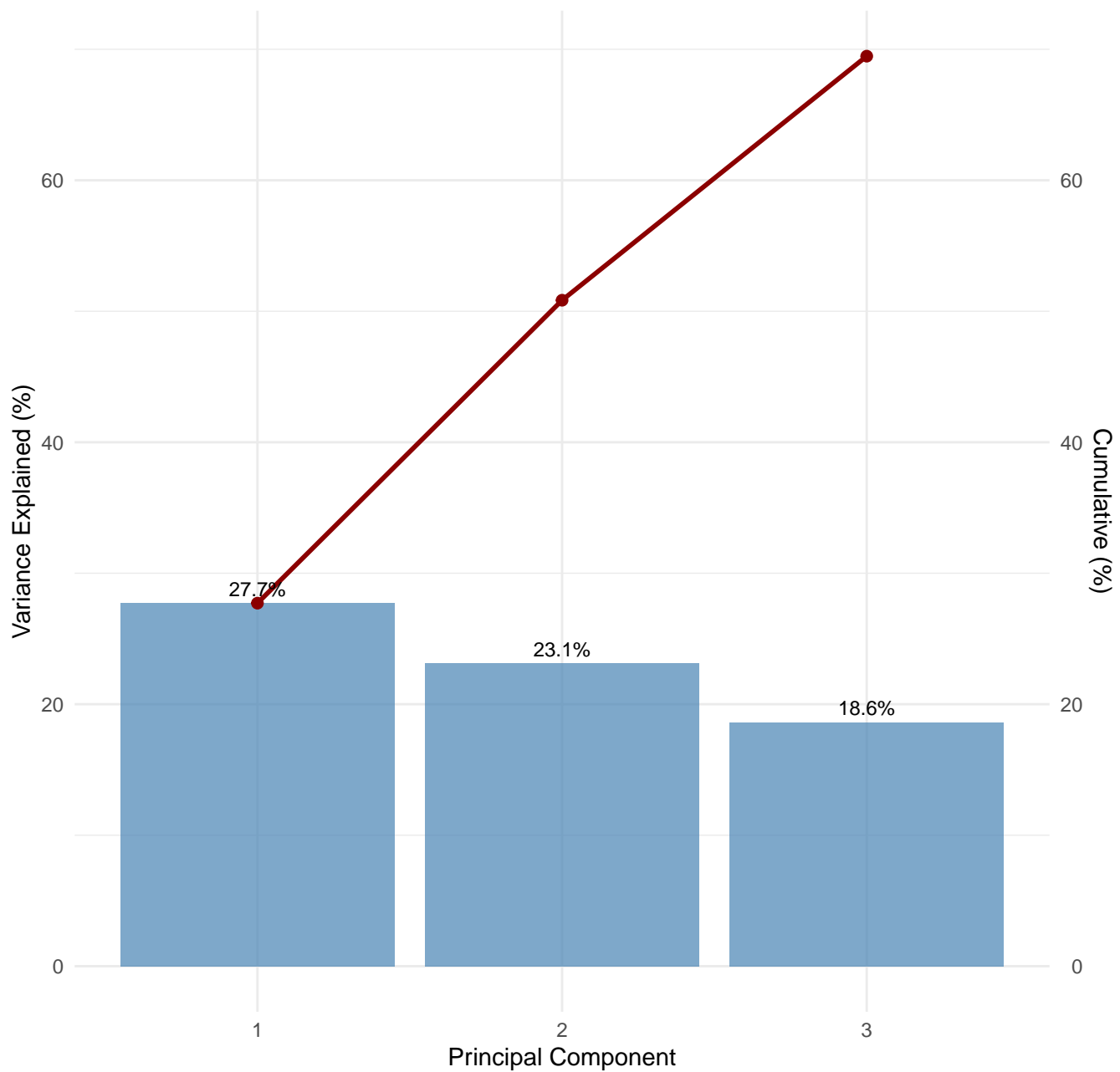


FPCA: Principal Component Perturbations

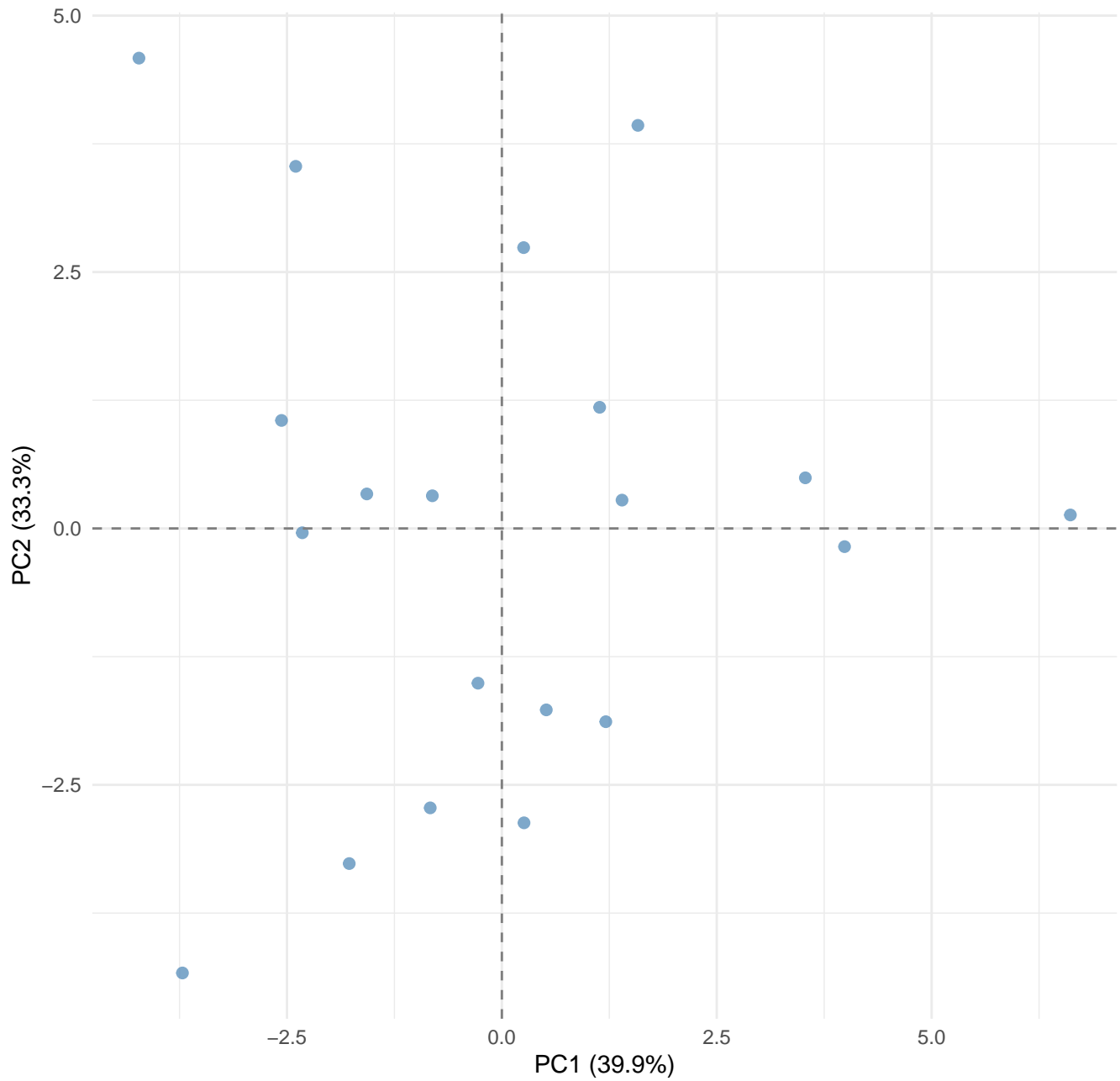
Mean $\pm 2 \times \text{sqrt}(\text{eigenvalue}) \times \text{PC}$

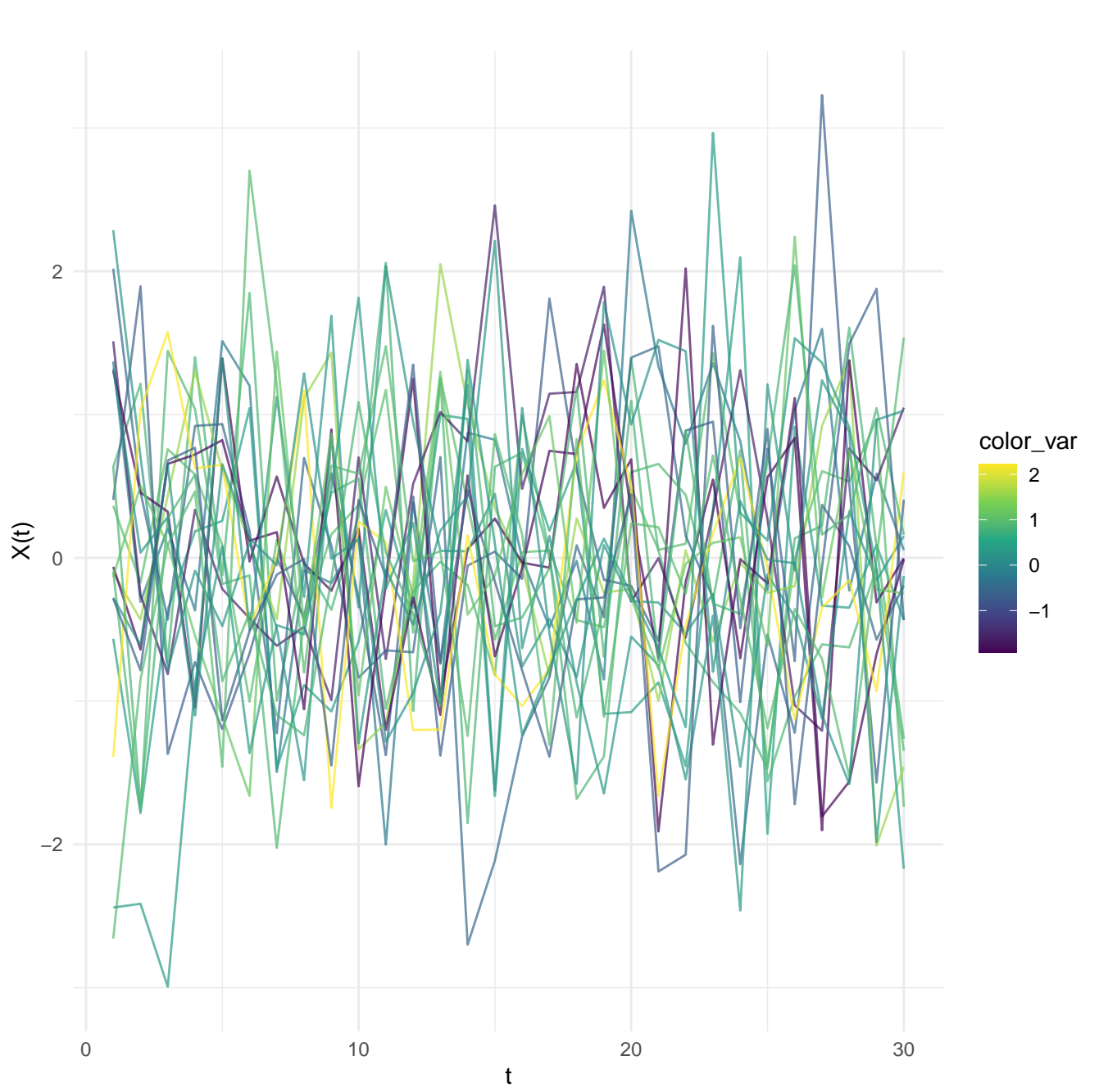


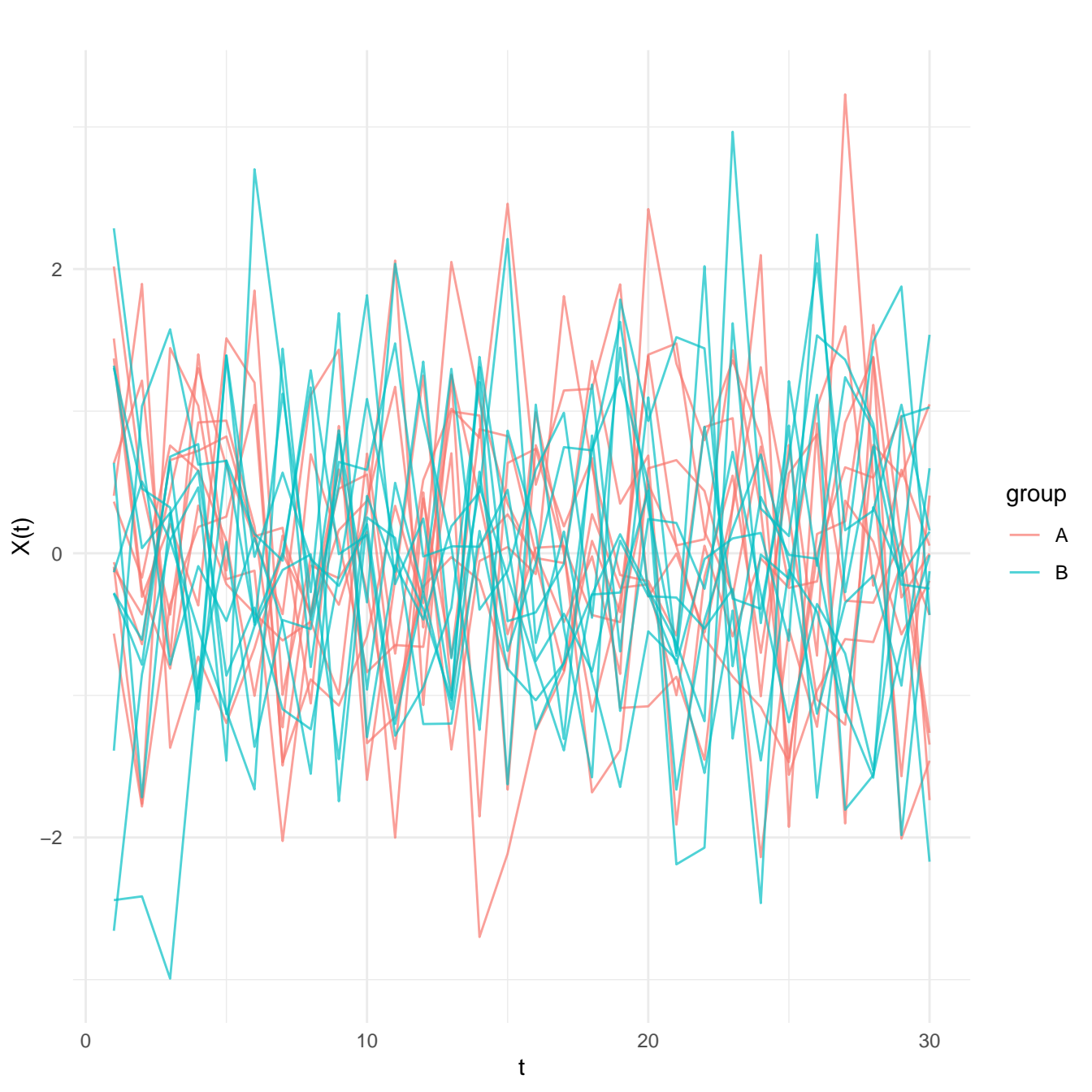
FPCA: Variance Explained (Scree Plot)

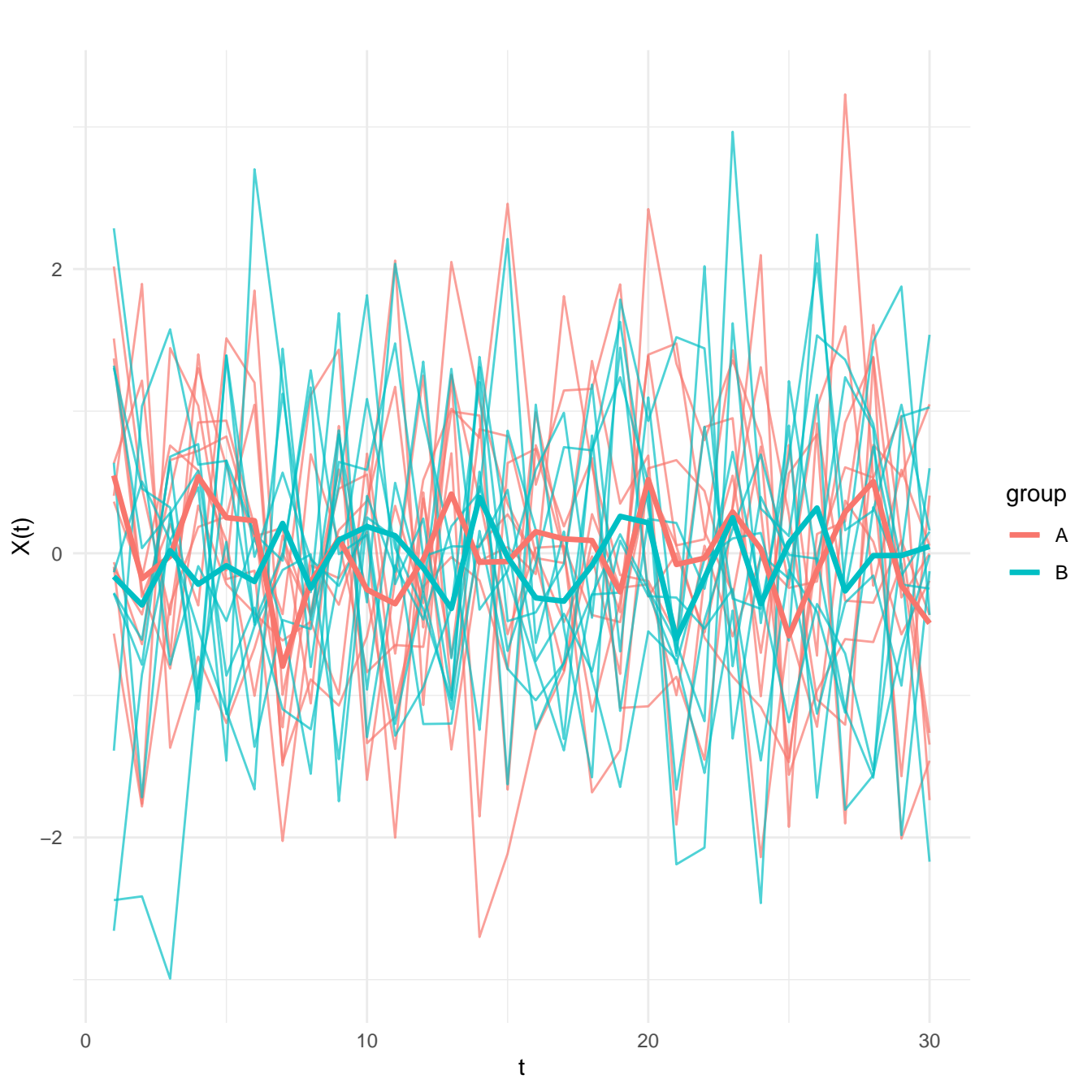


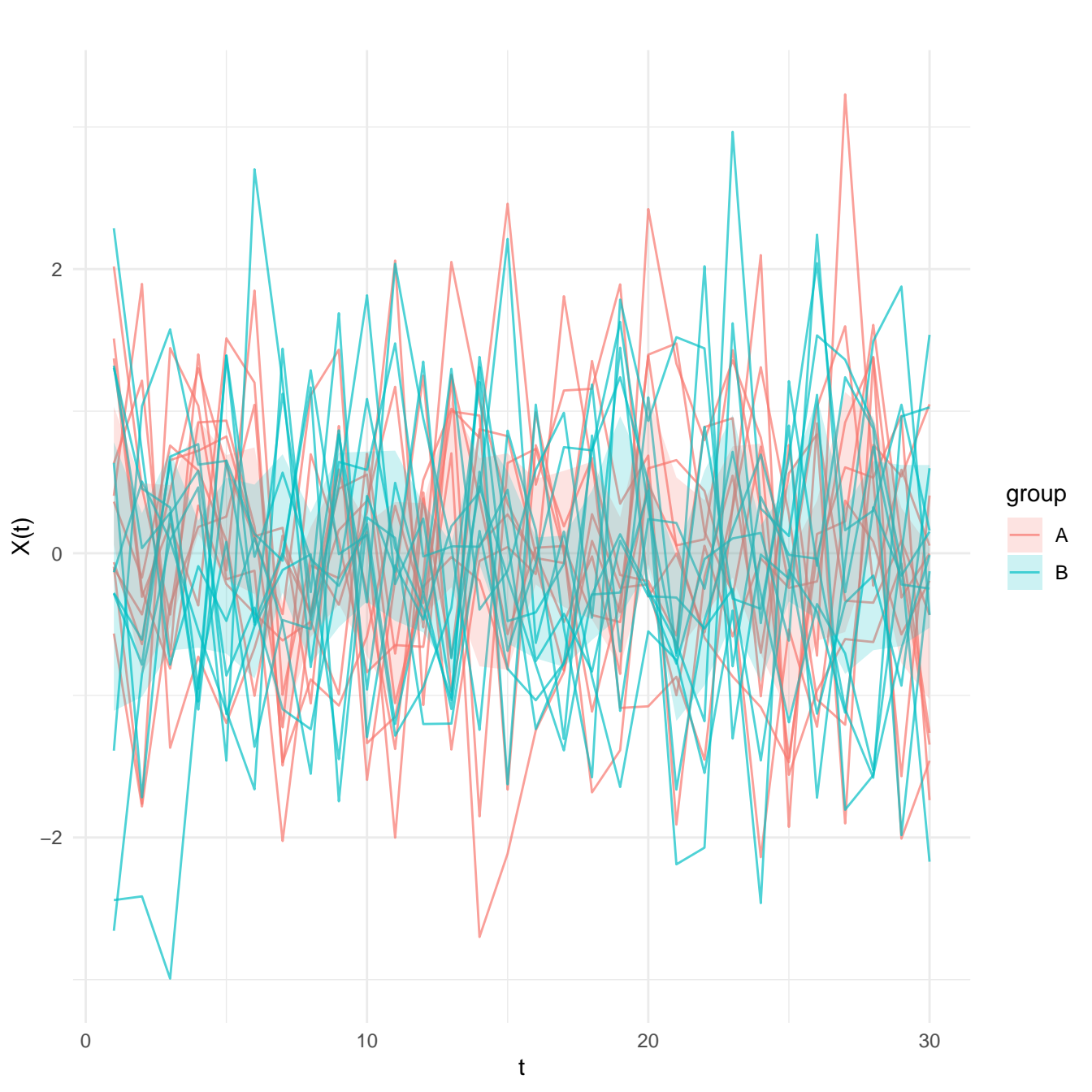
FPCA: Score Plot

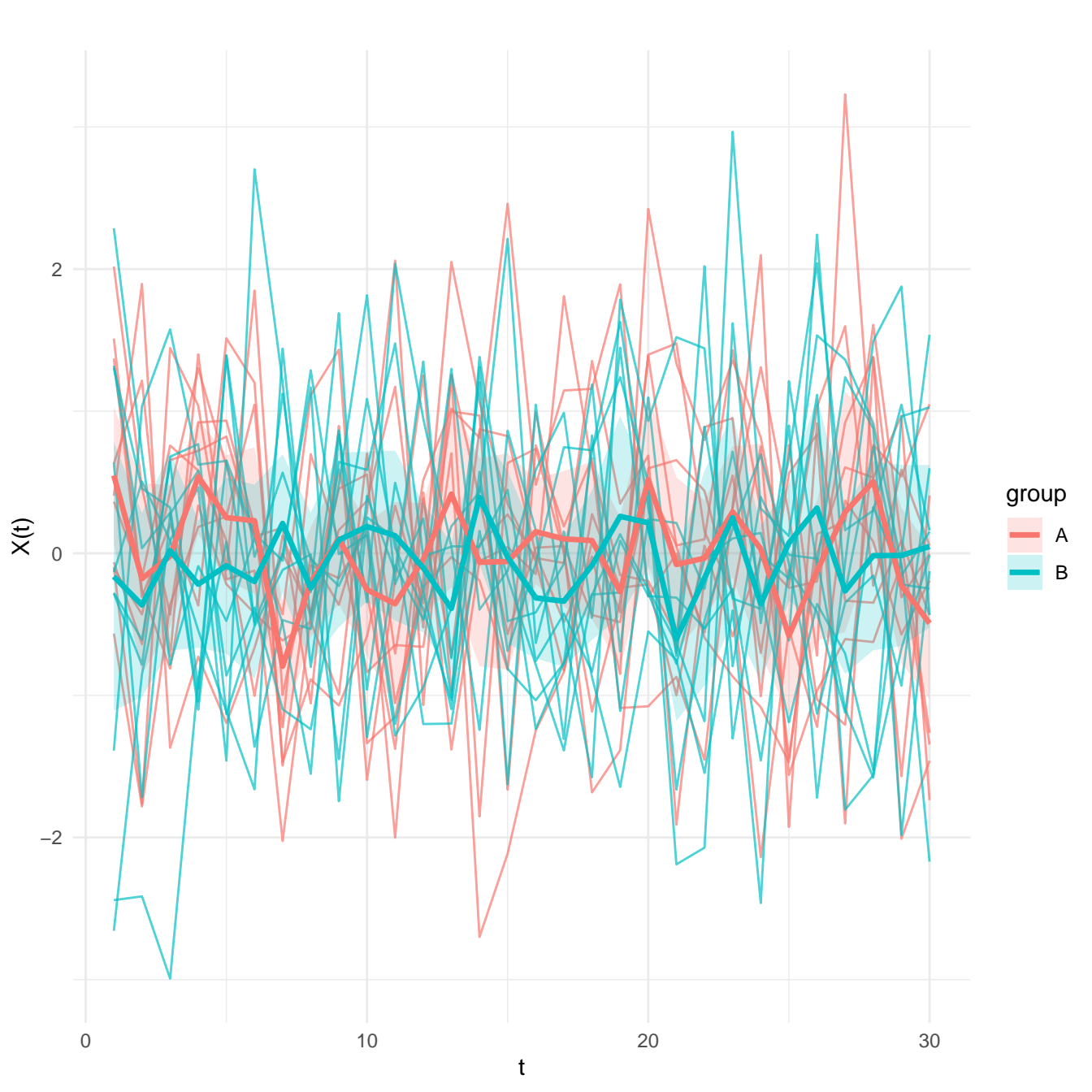


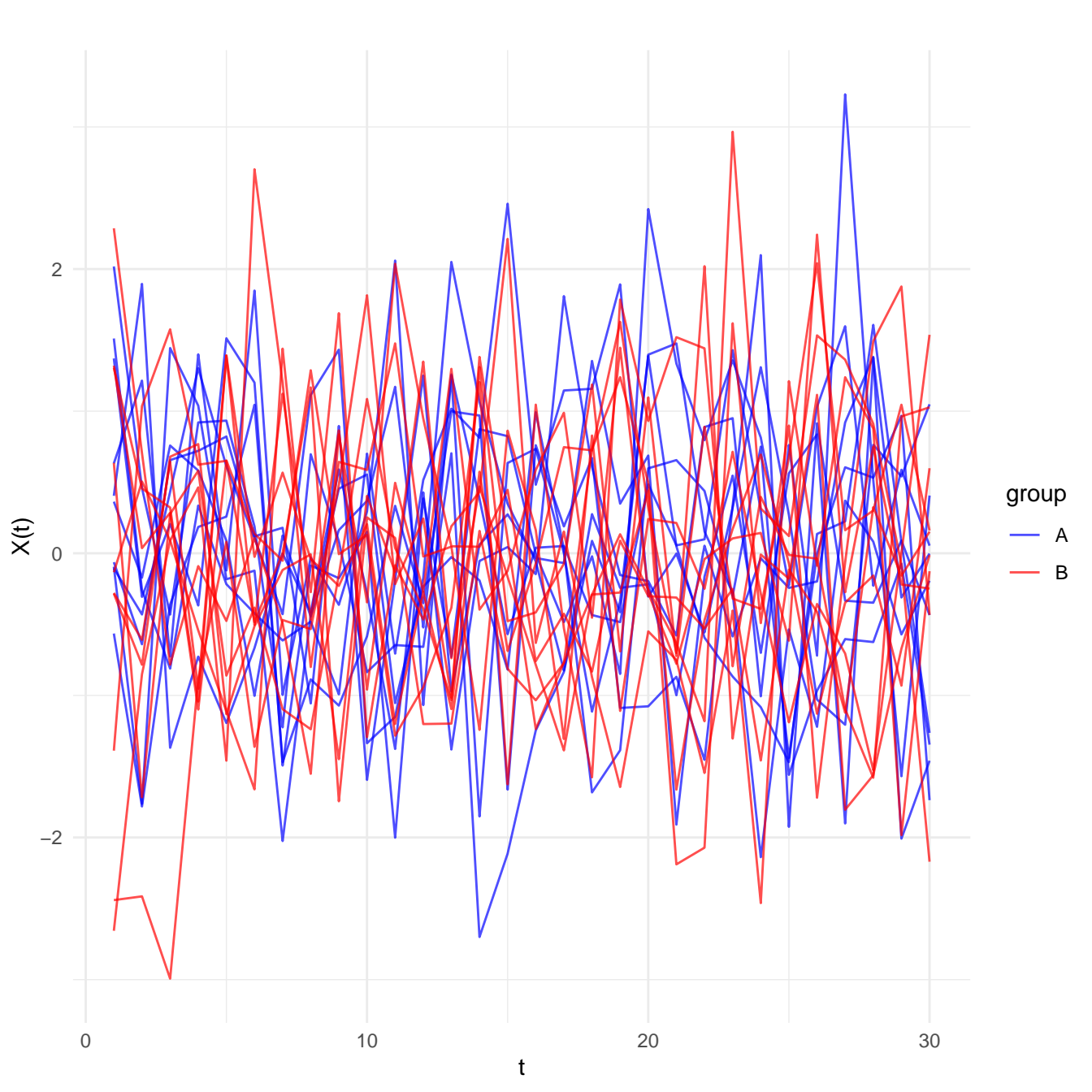












Centroid Distance

