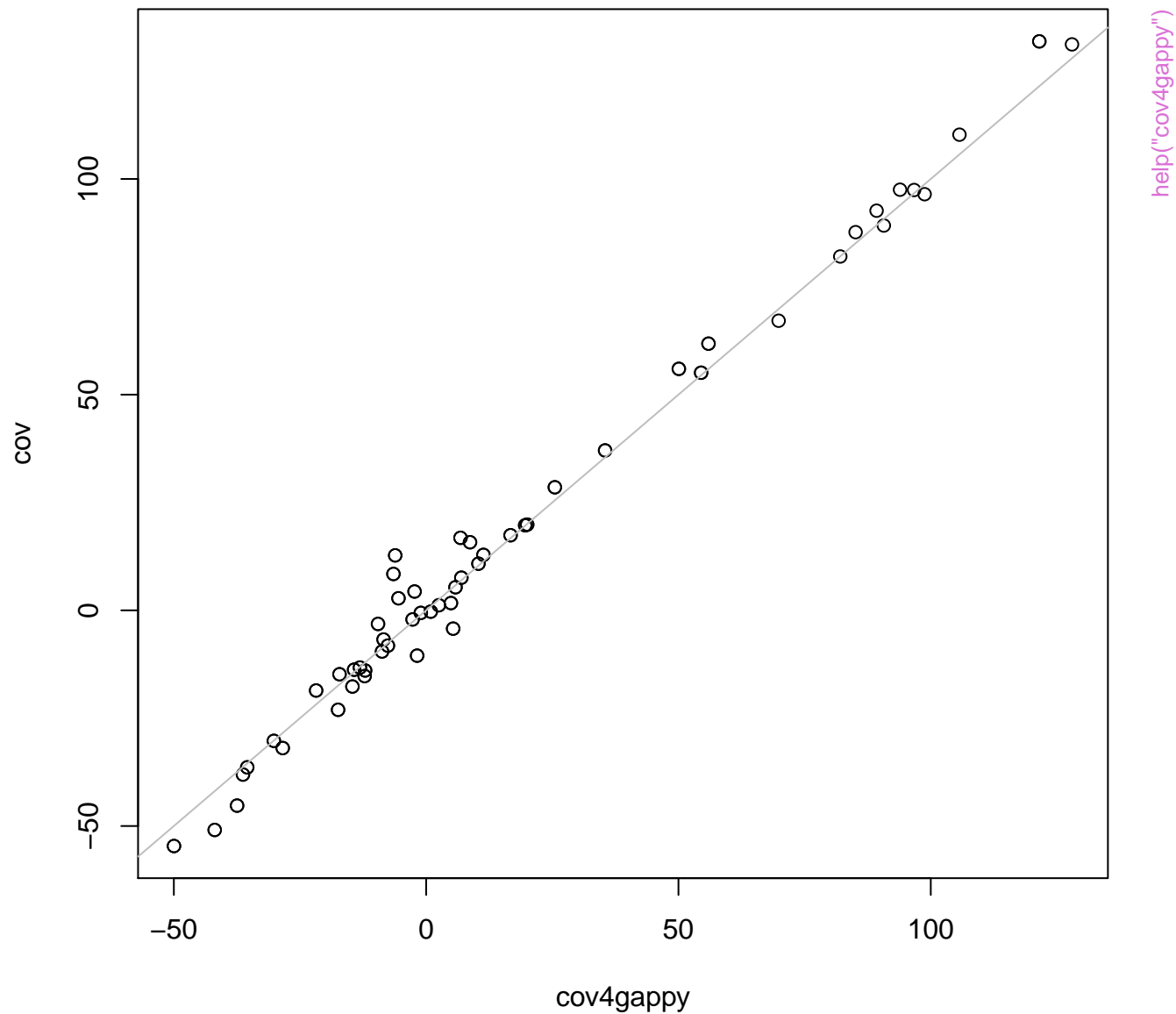


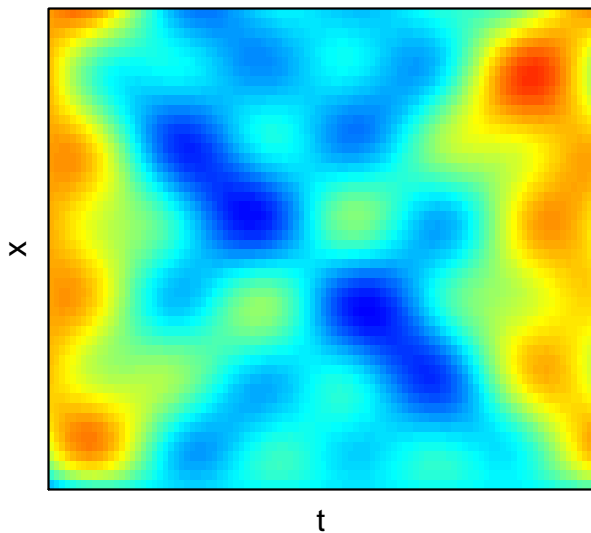


`help("addAlpha")`

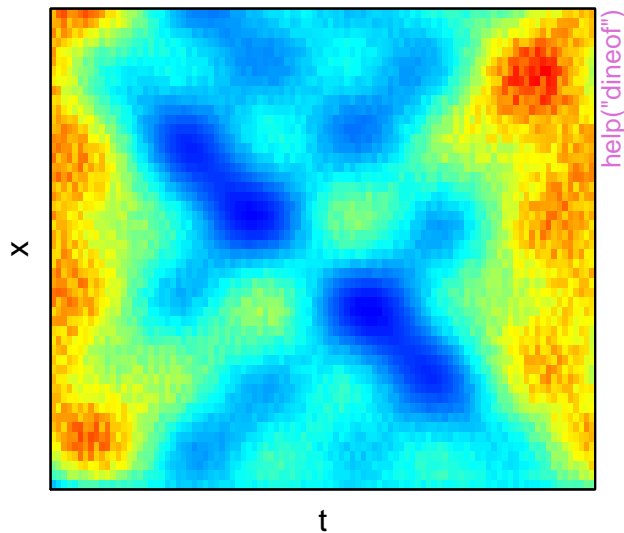
## covariance comparison



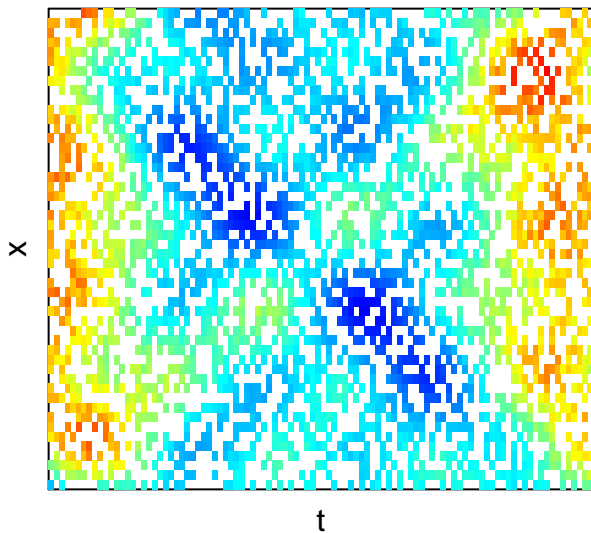
**A) True**



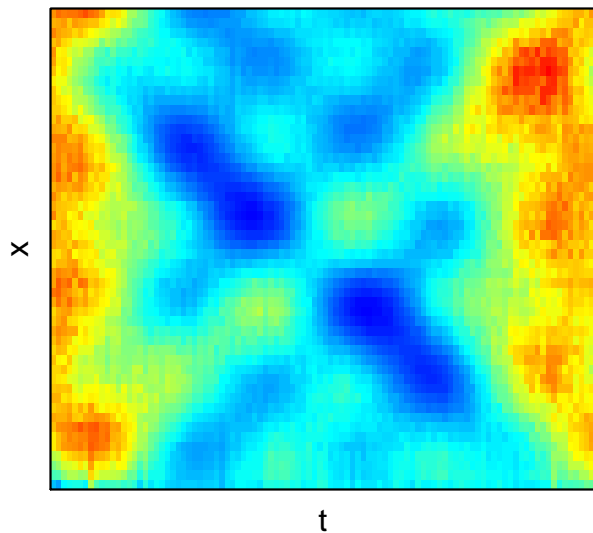
**B) True + Noise (N/S = 0.1)**

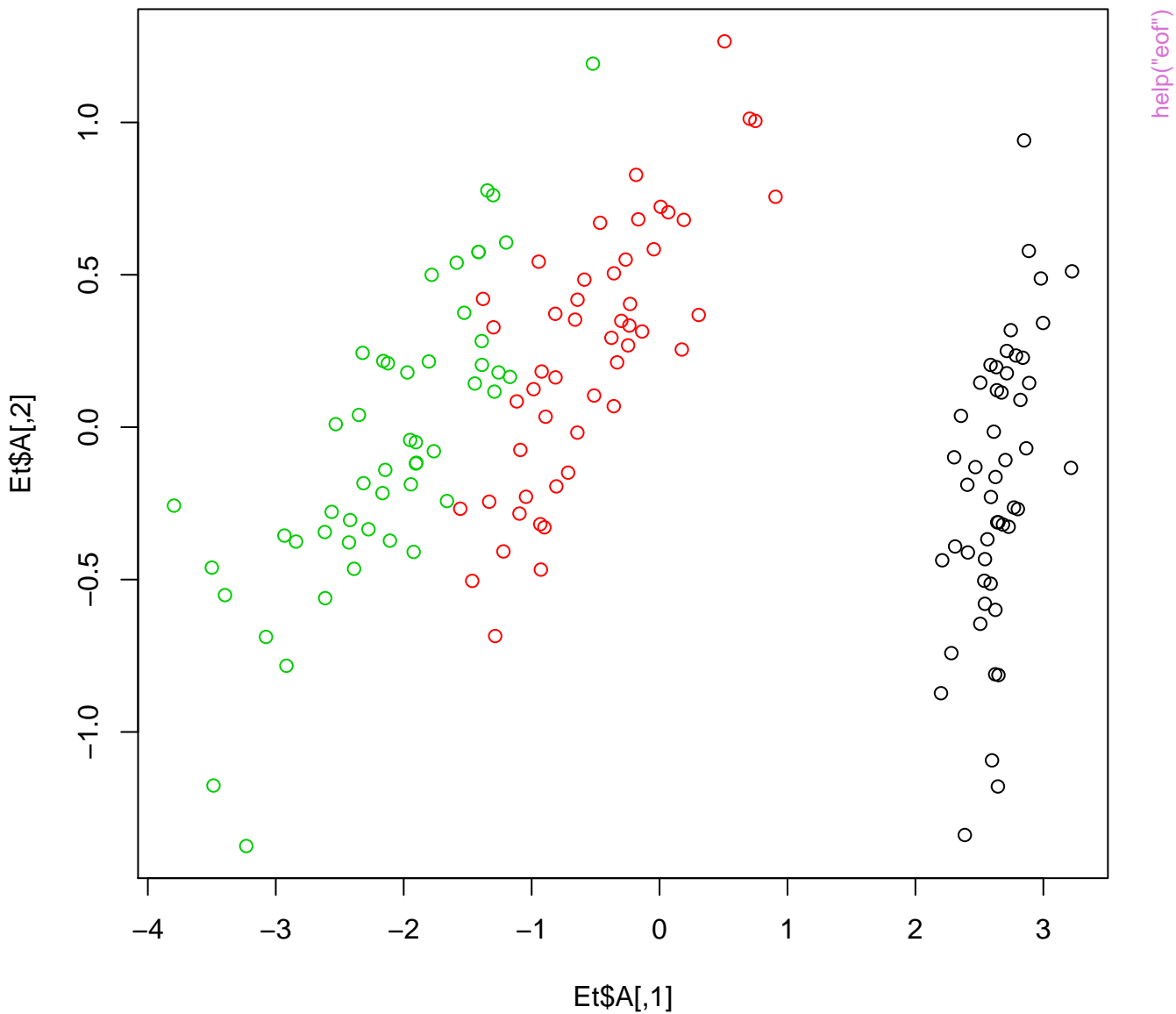


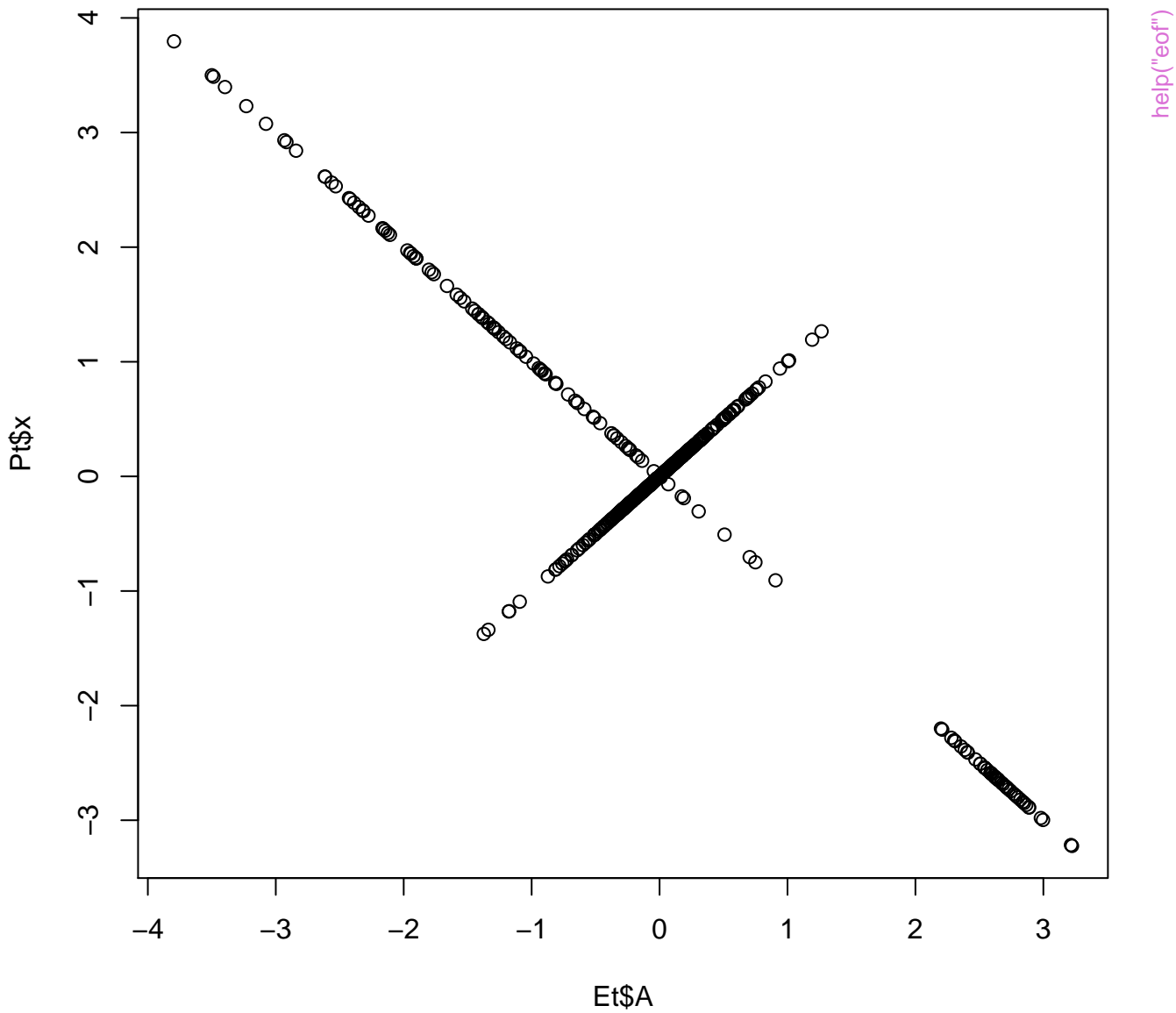
**C) Observed (50 % gaps)**

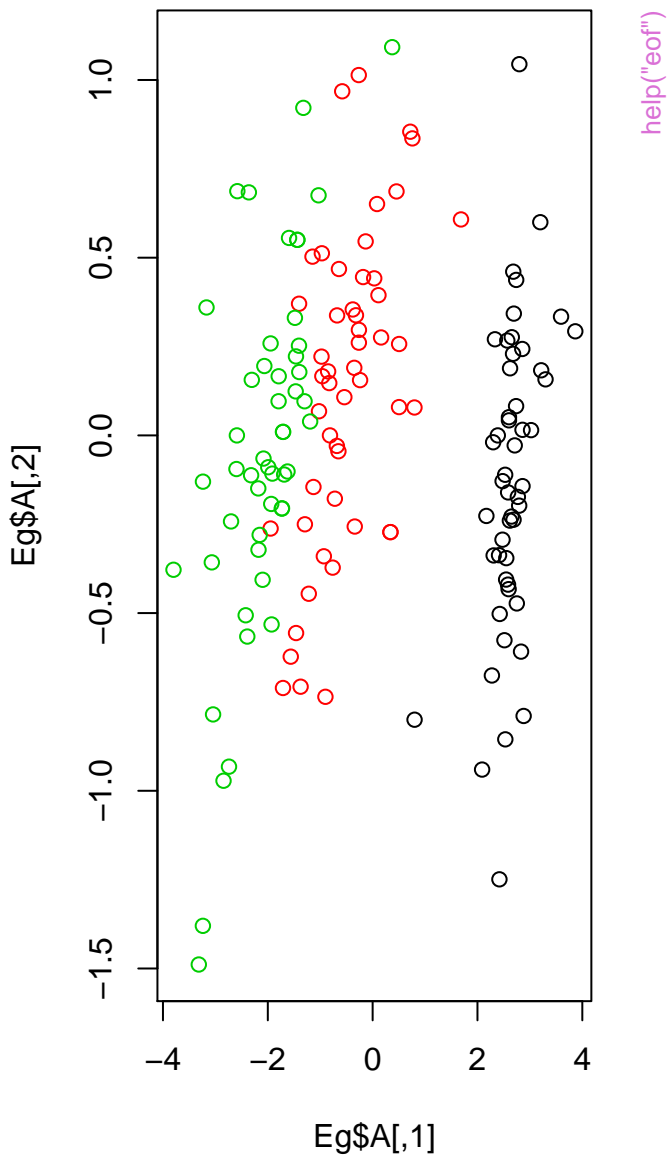
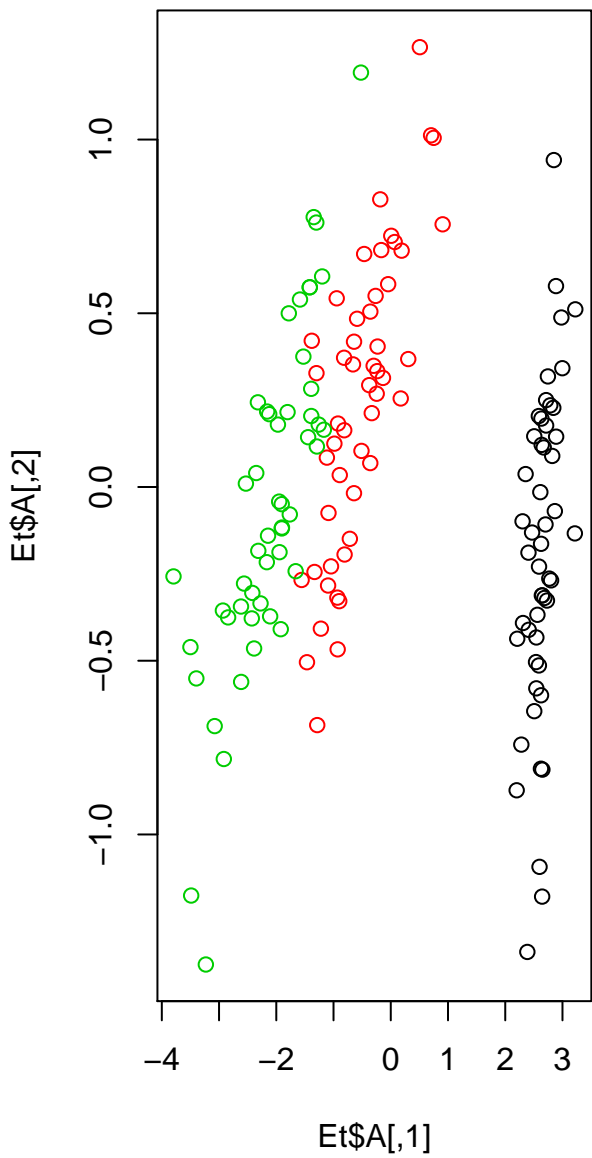


**D) Reconstruction**



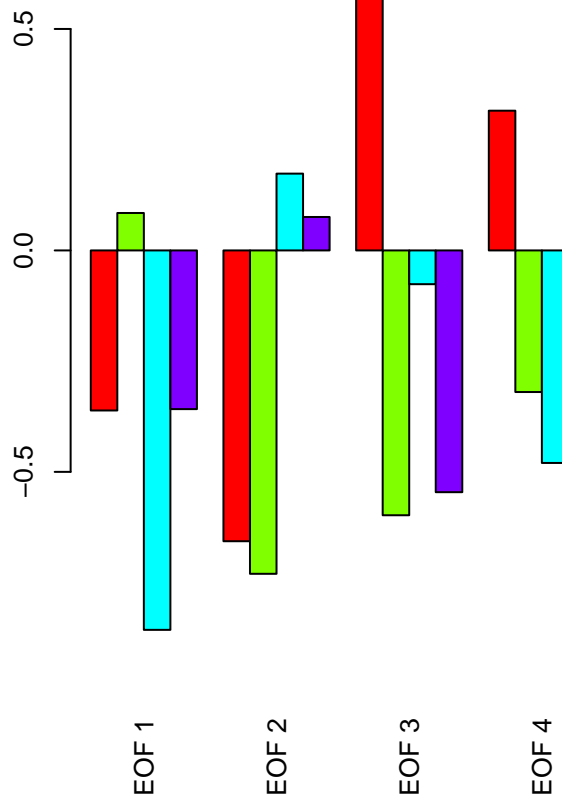




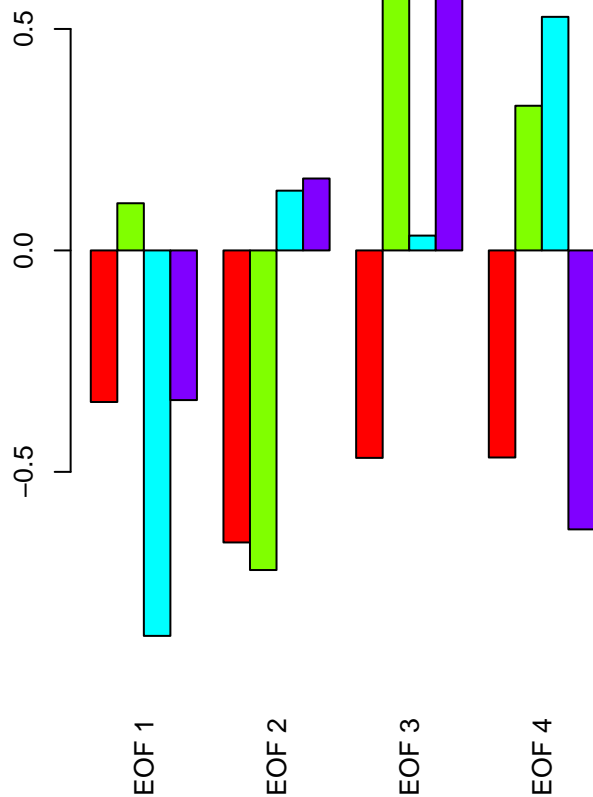


■ Sepal.Length ■ Sepal.Width ■ Petal.Length ■ Petal.Width

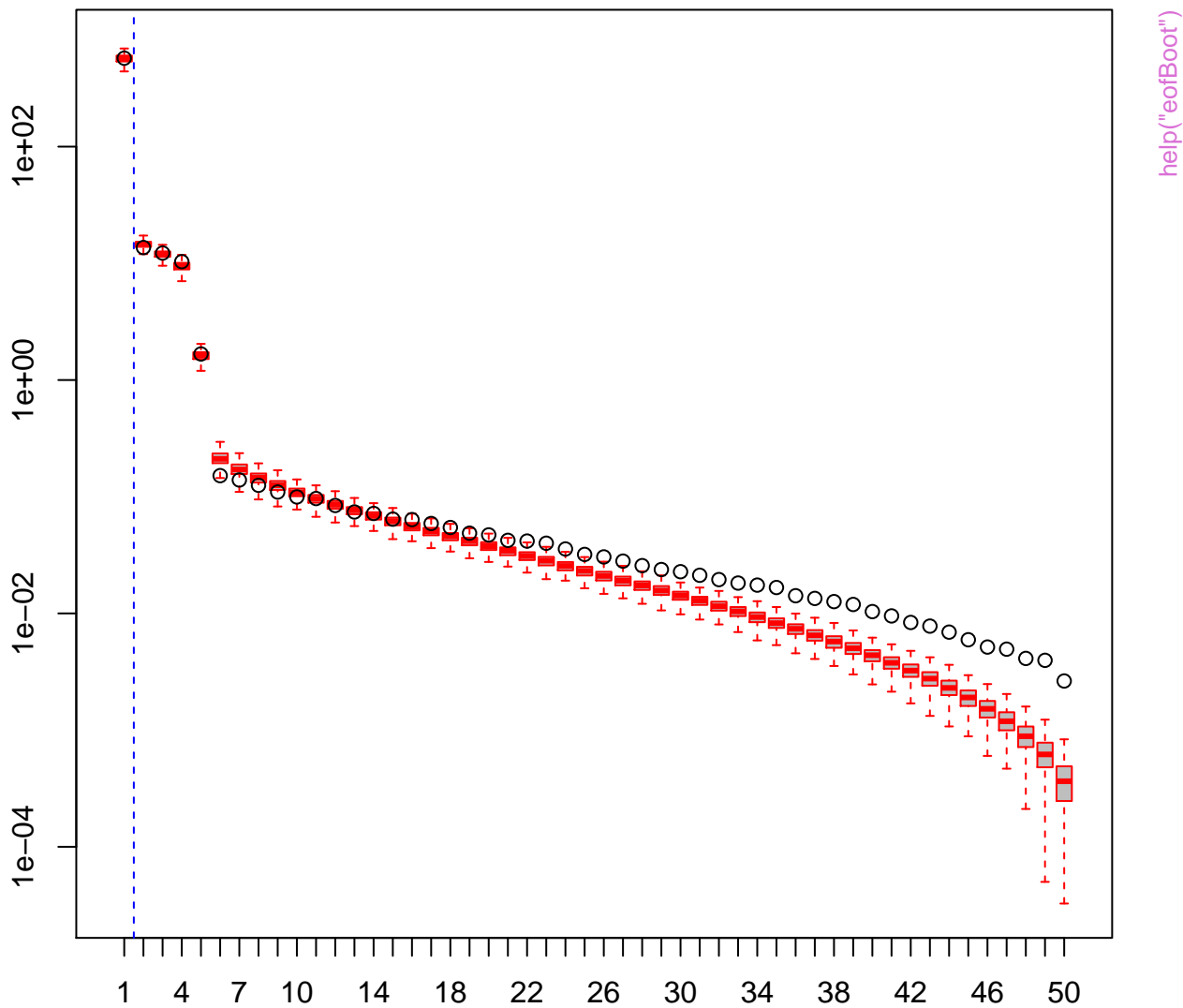
Non-gappy



Gappy

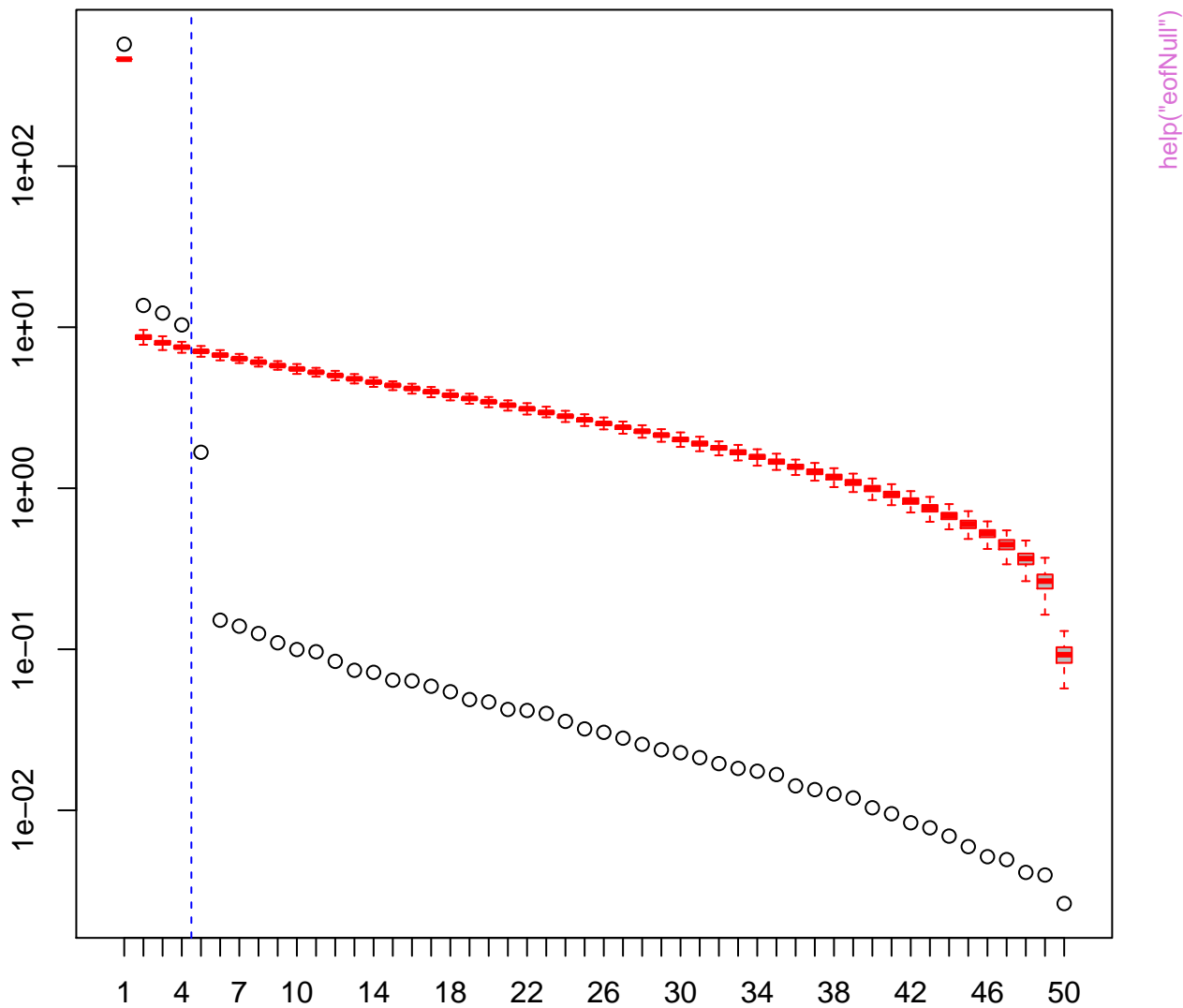


Non-mixed PCs = 1

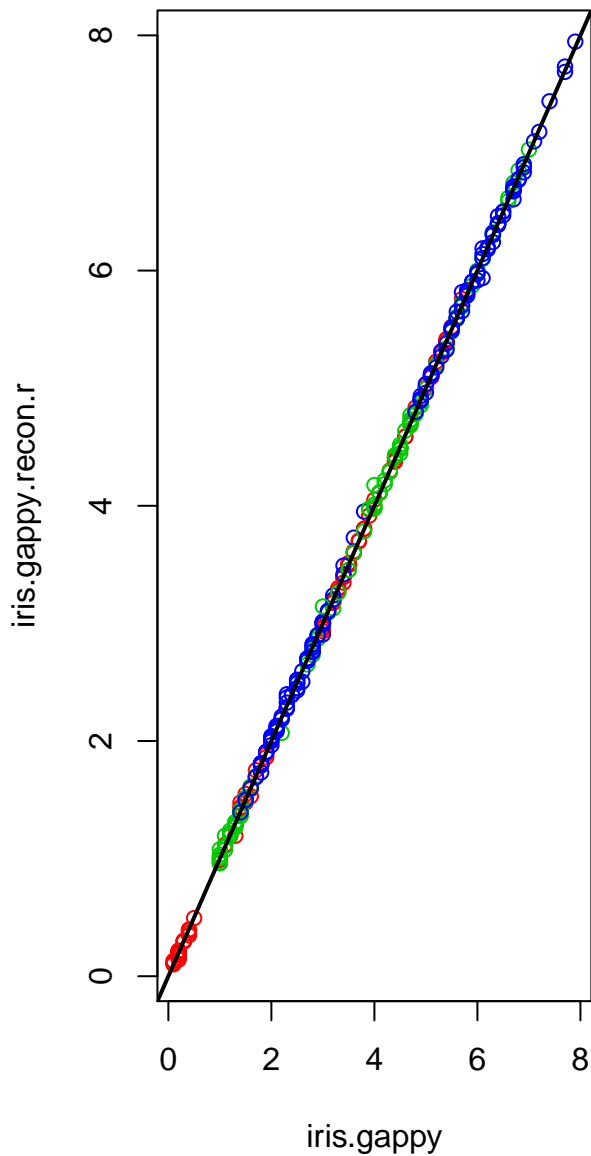




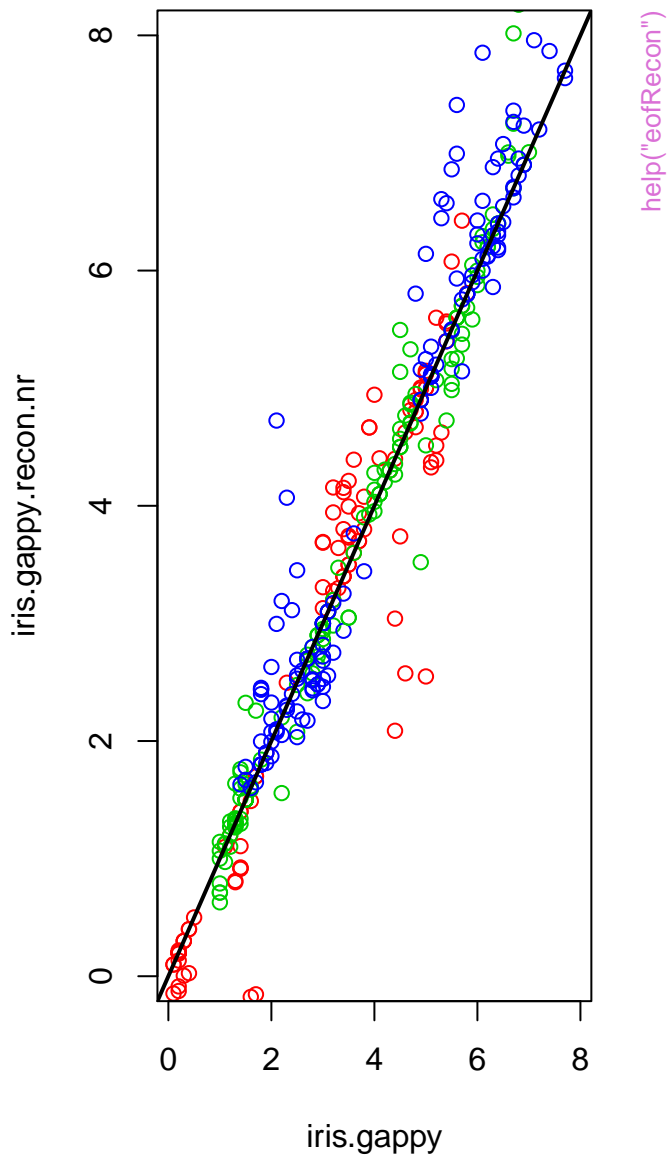
Significant PCs = 4



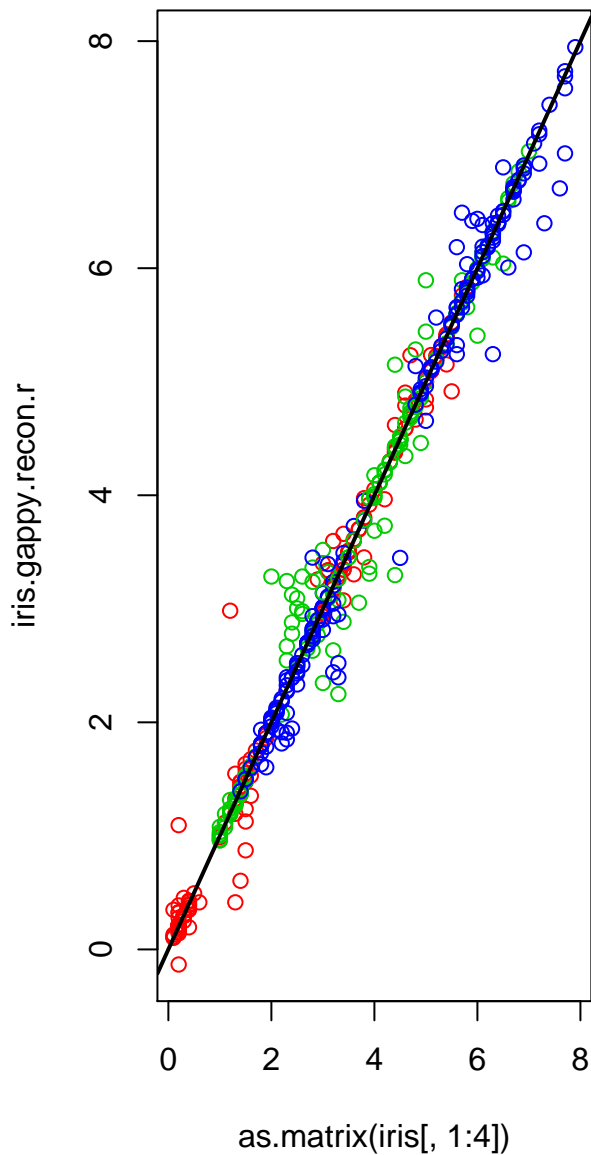
**recursive=TRUE**



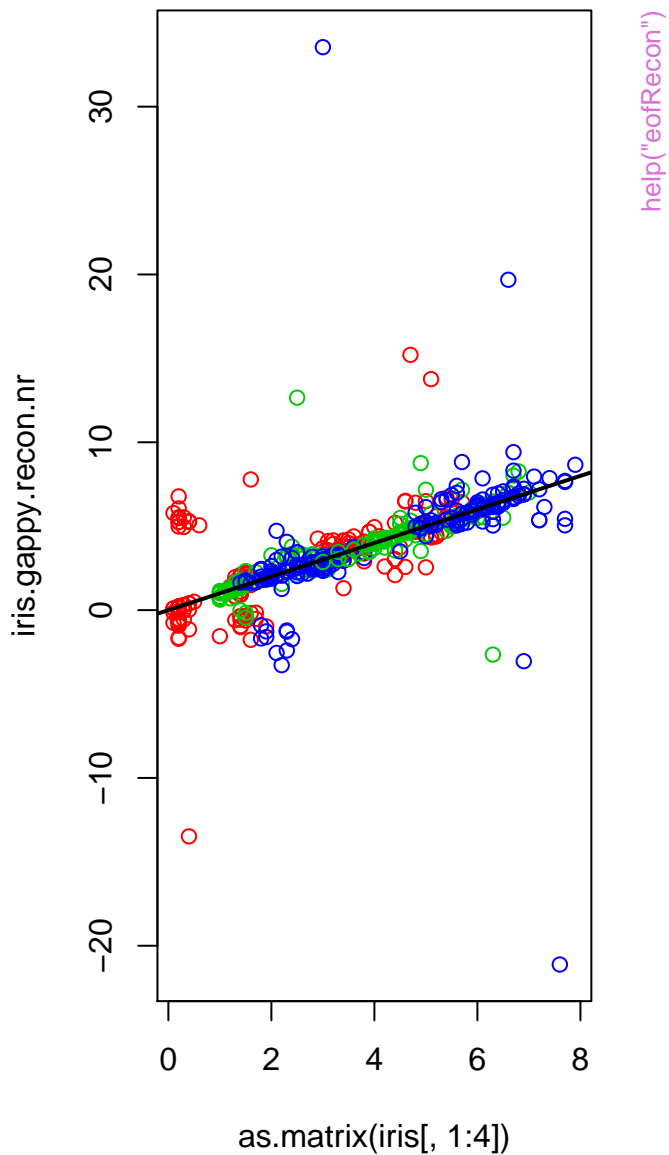
**recursive=FALSE**



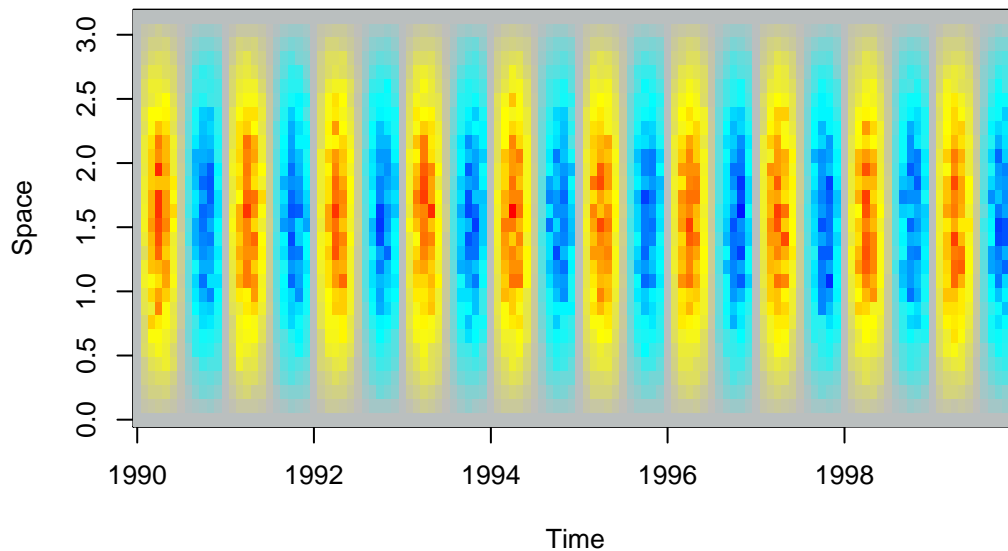
**recursive=TRUE**



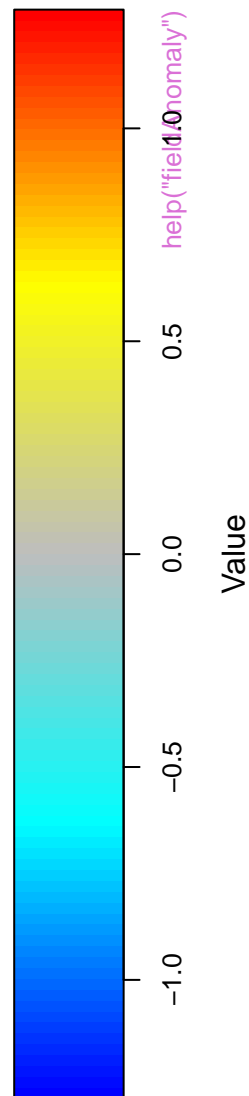
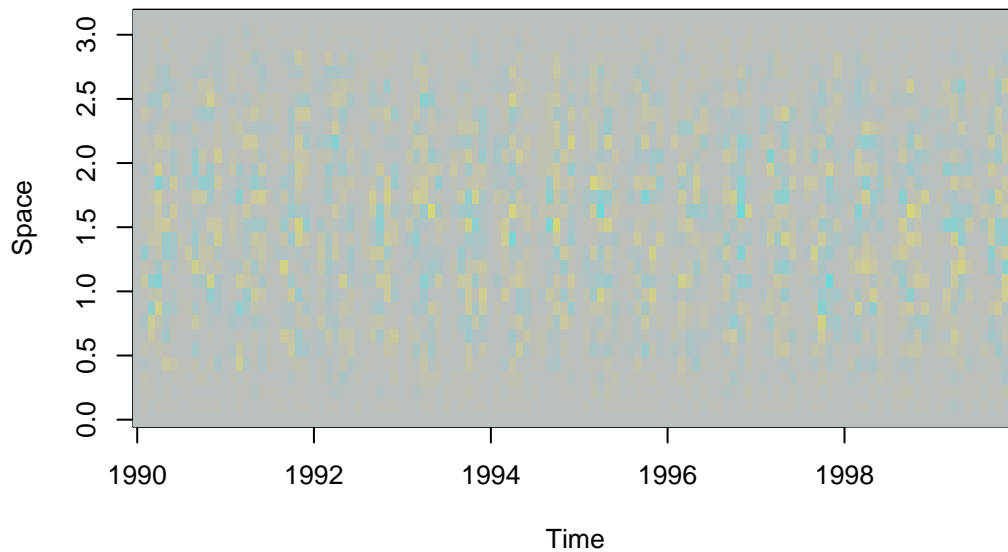
**recursive=FALSE**

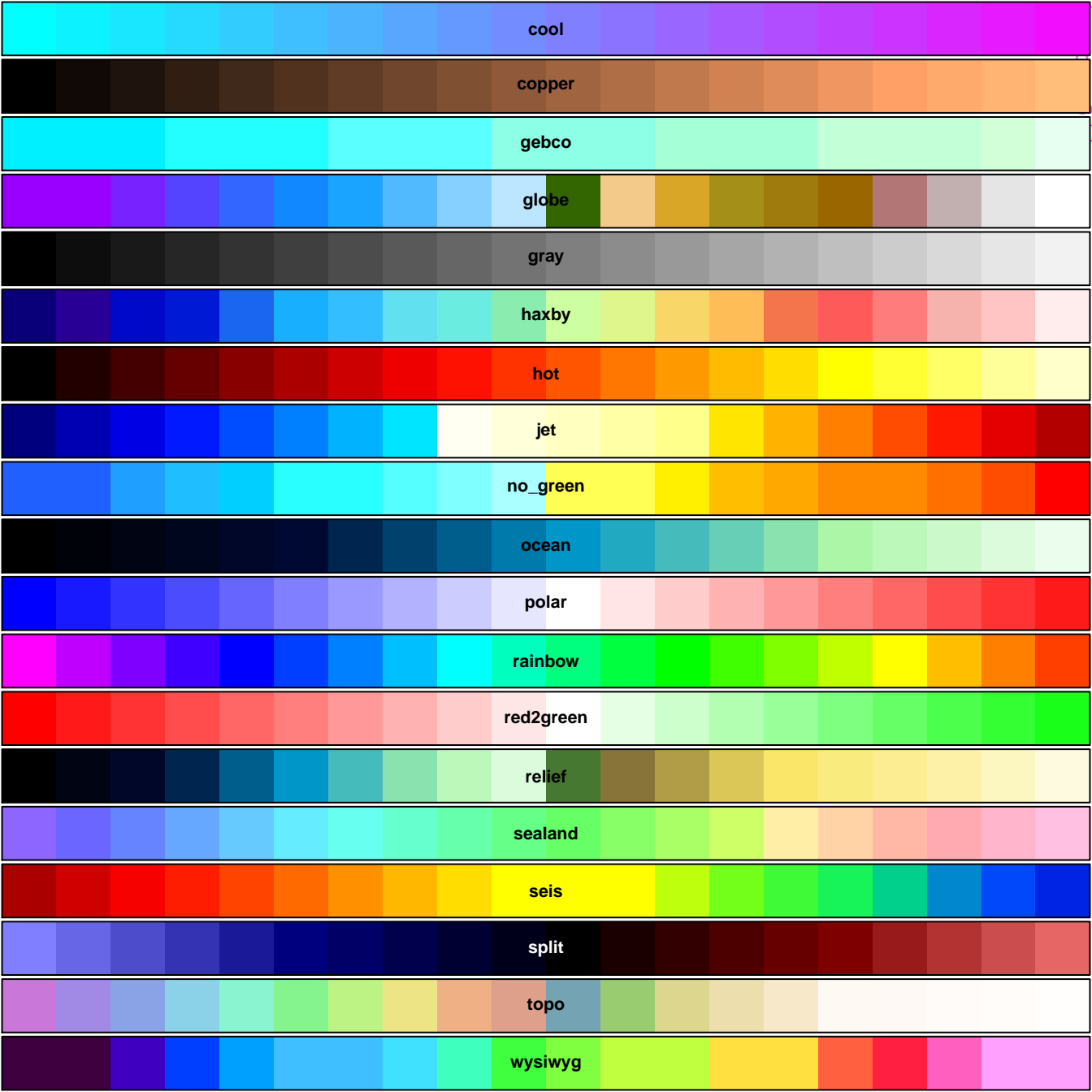


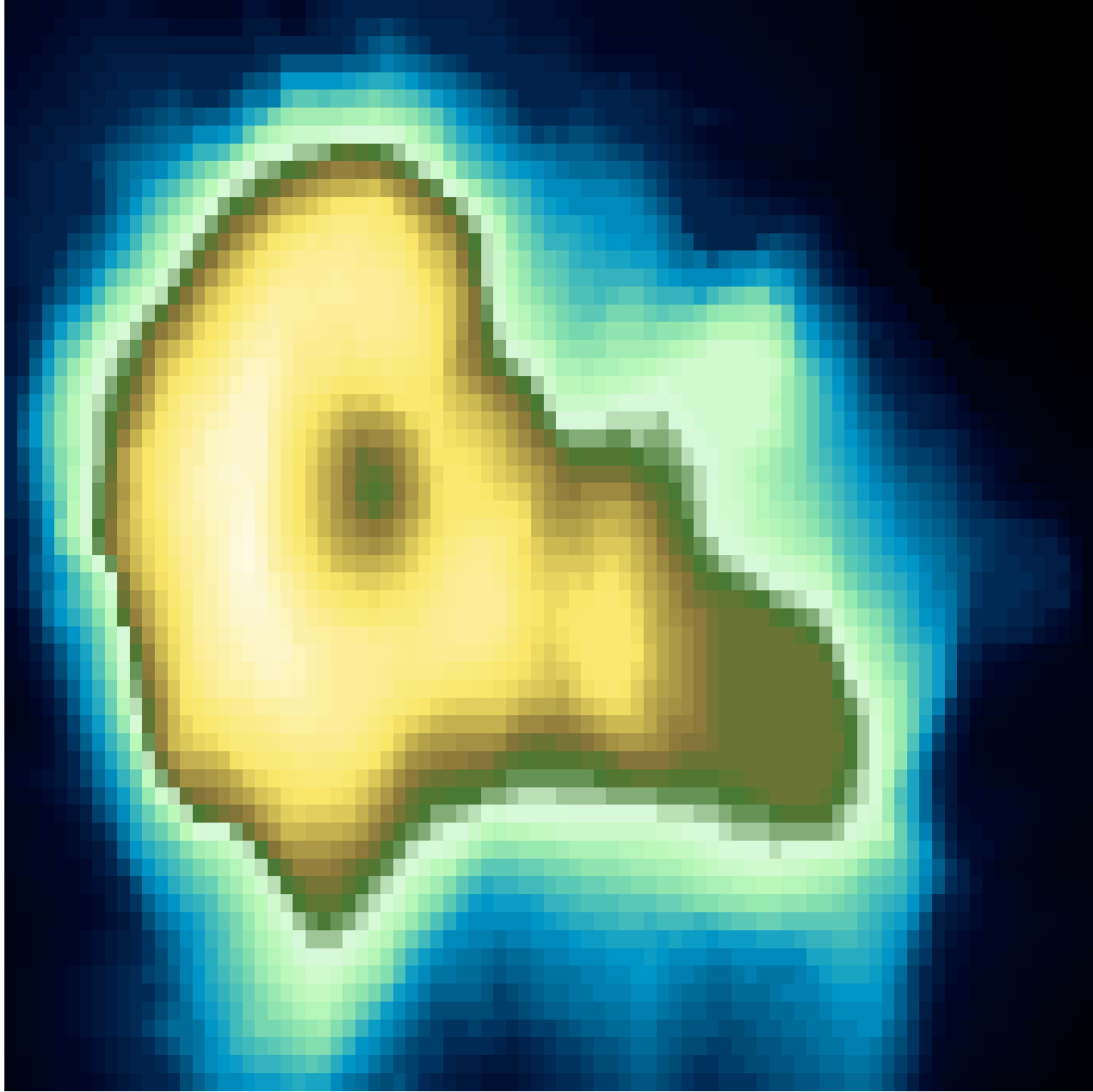
**Original**

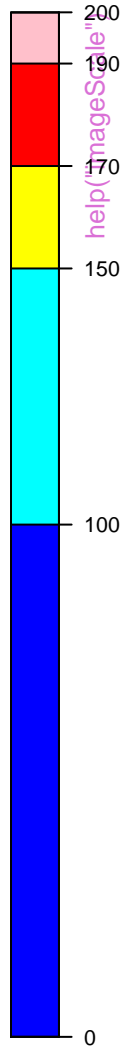
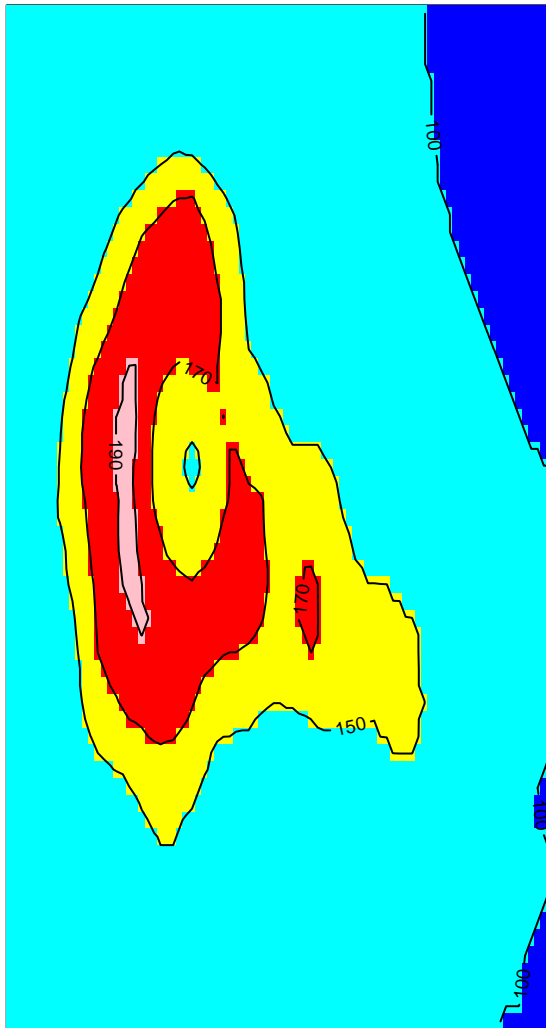
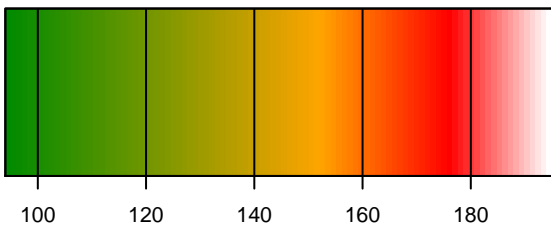
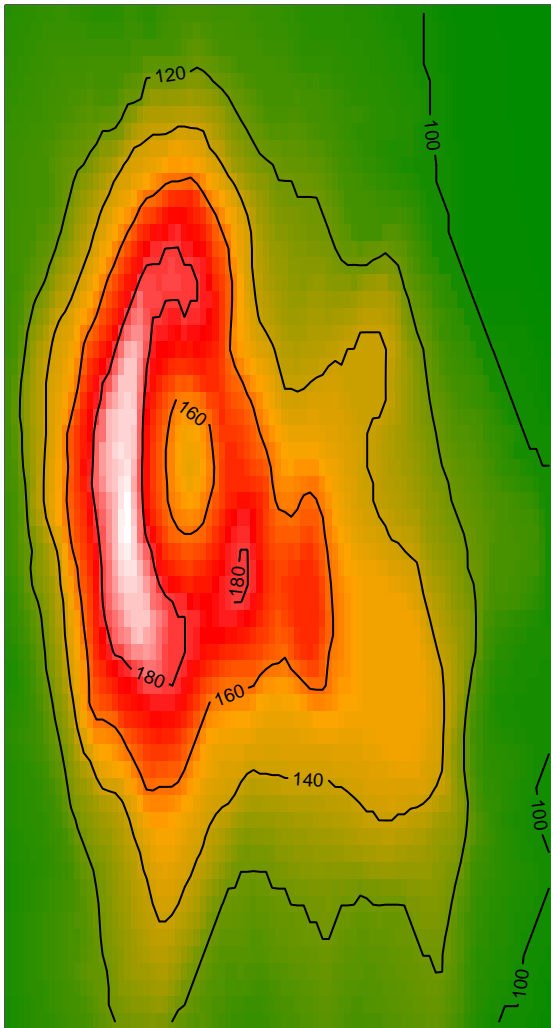


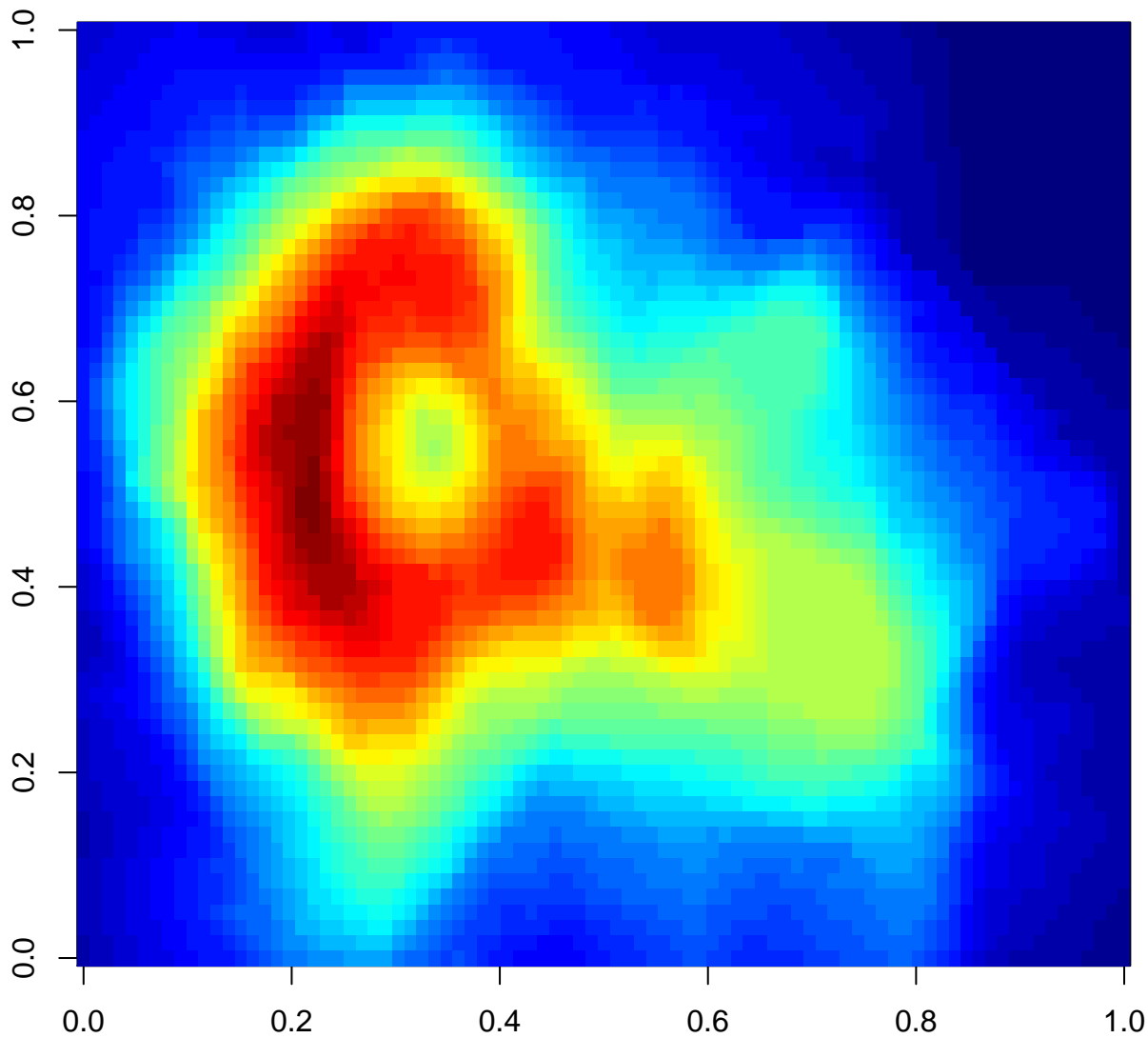
**Anomaly**







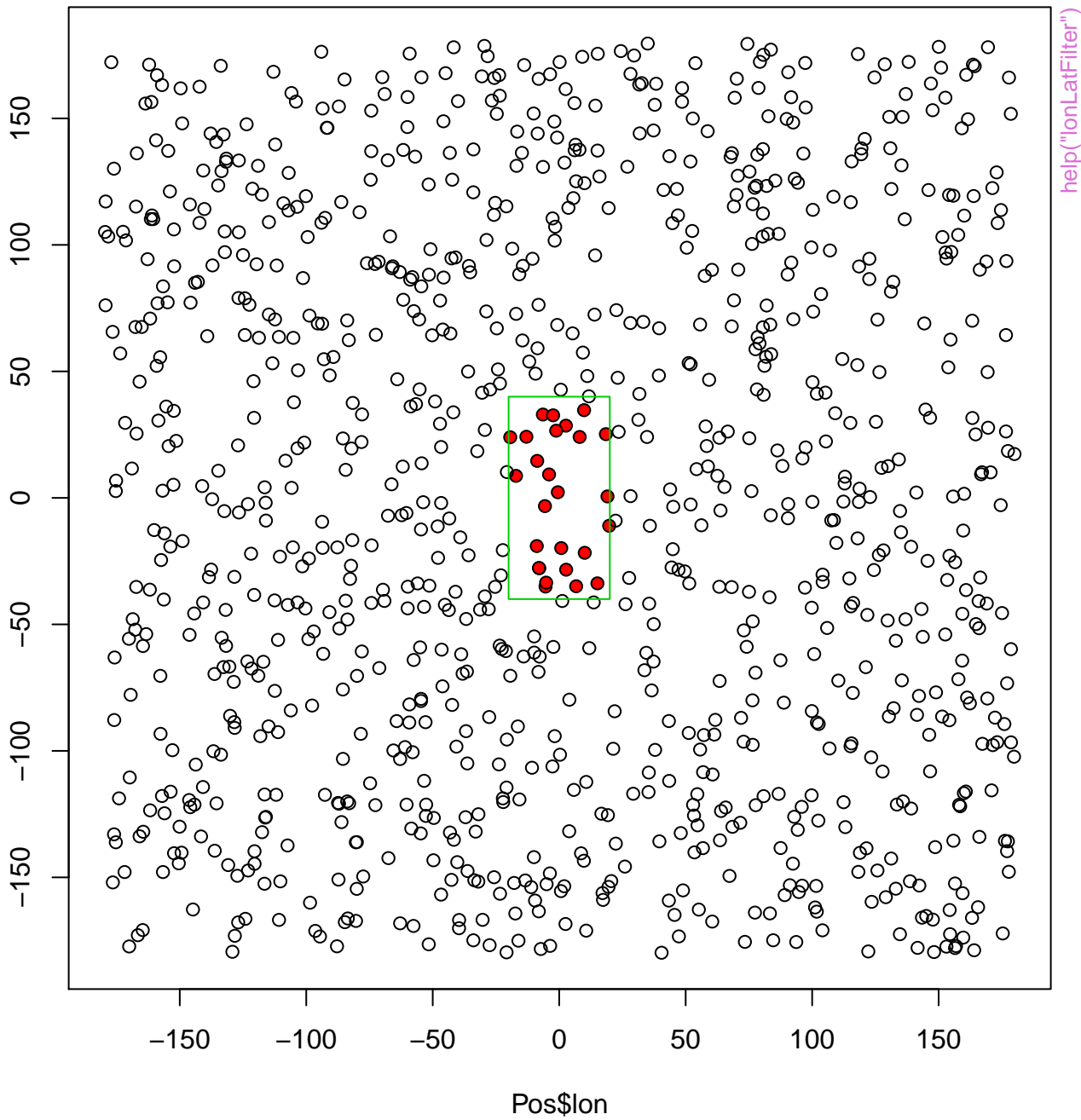




`help("jetPal")`

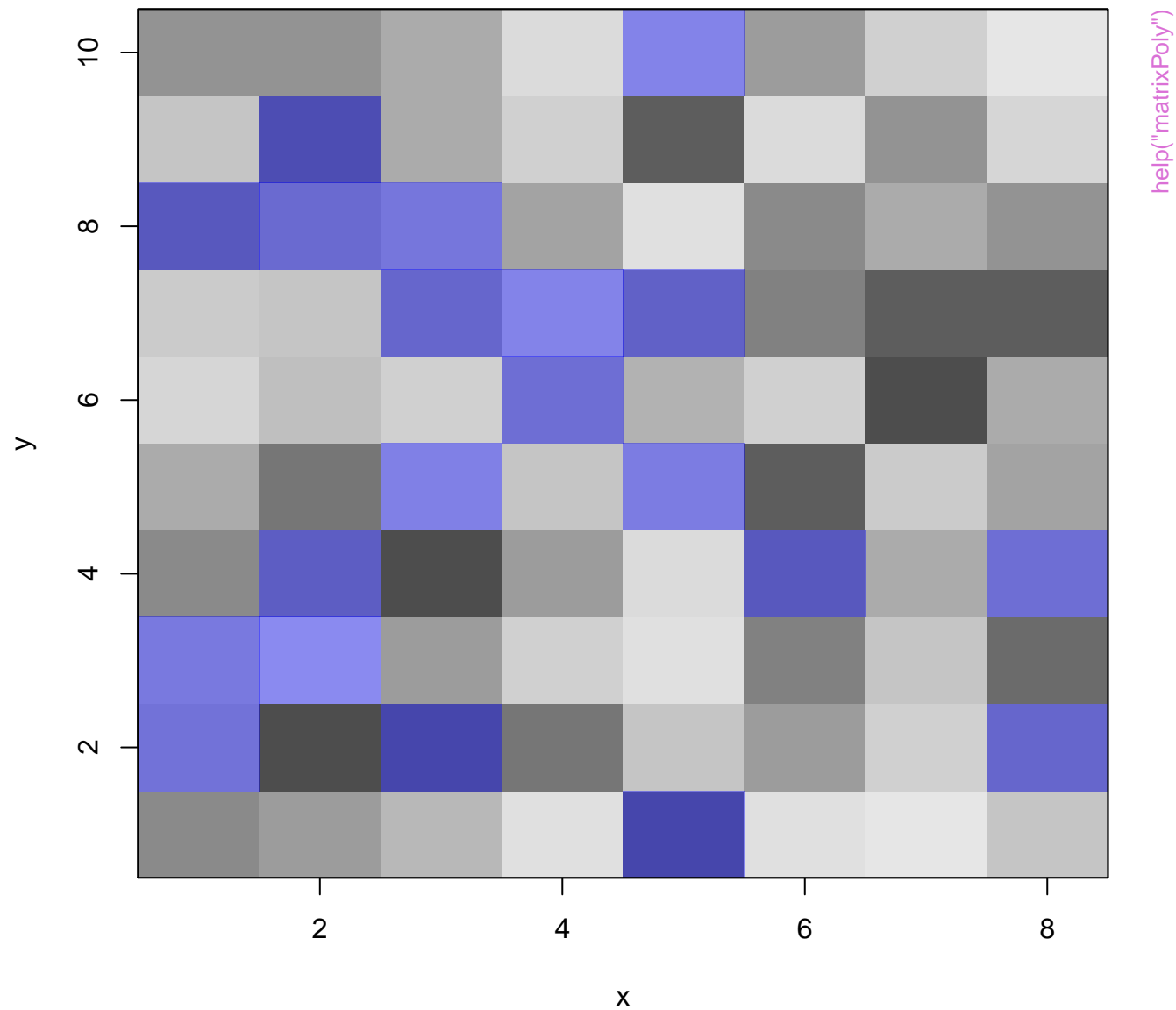


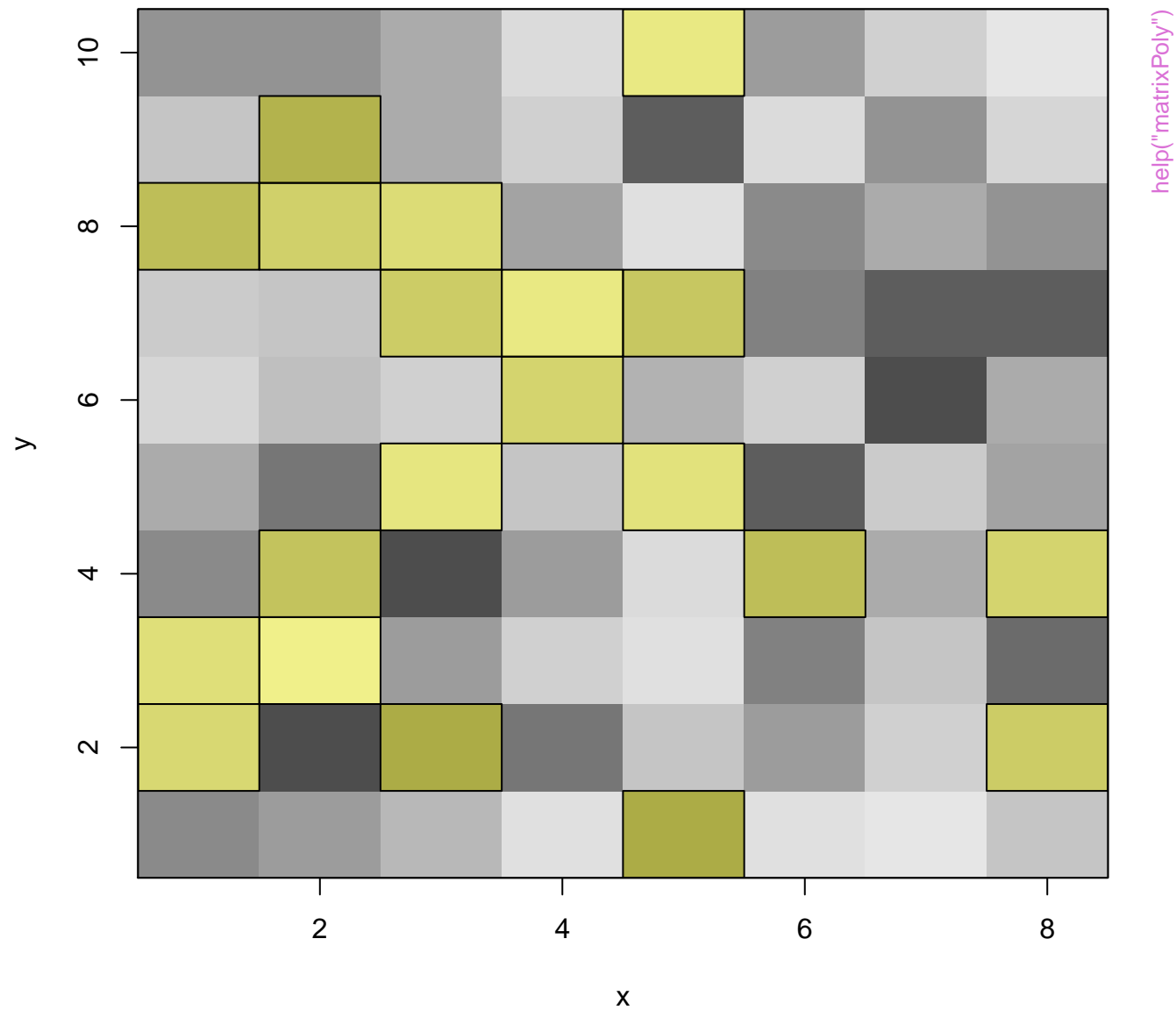
Pos\$lat

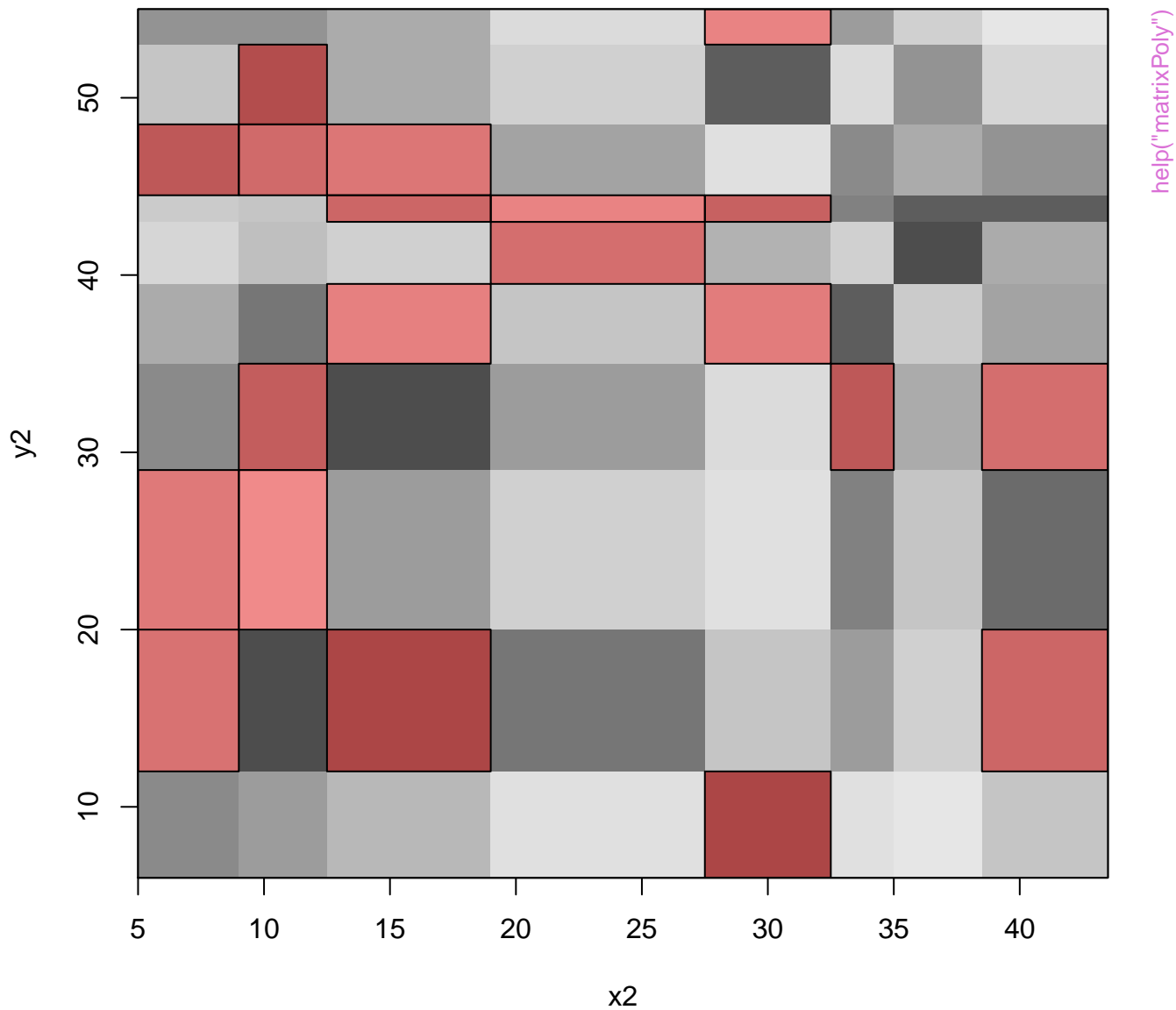


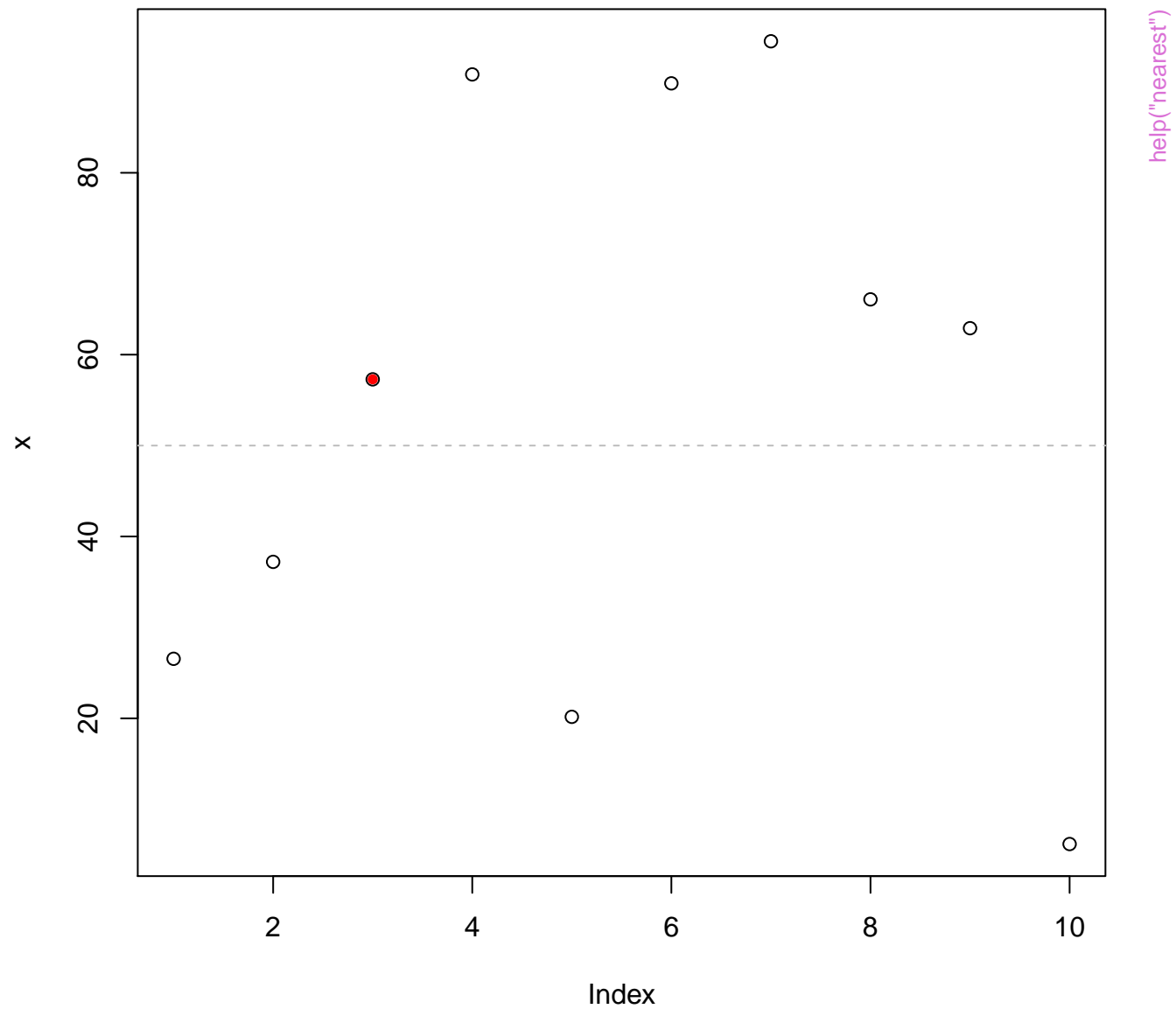
Pos\$lon

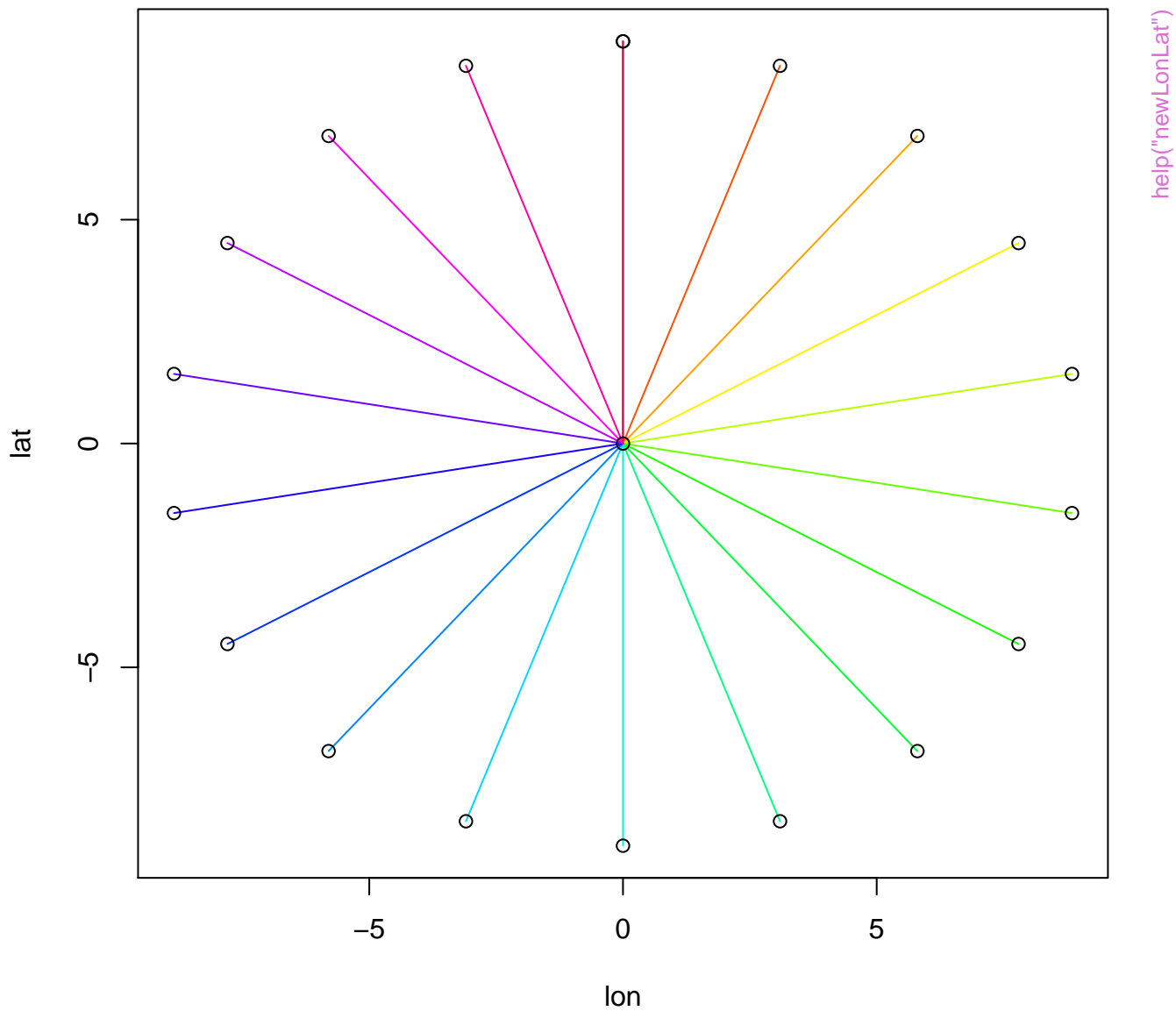
help("IonLatFilter")

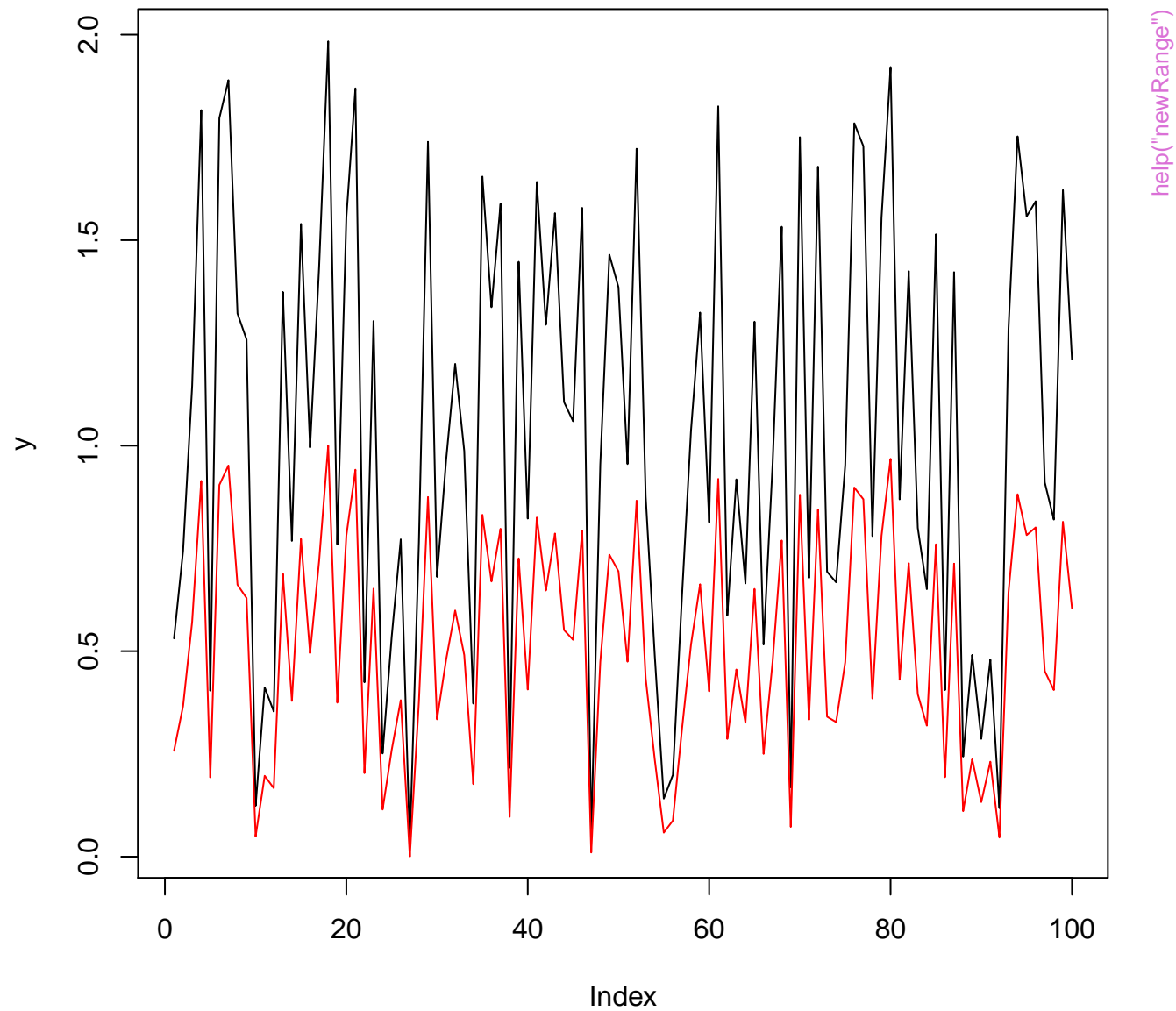


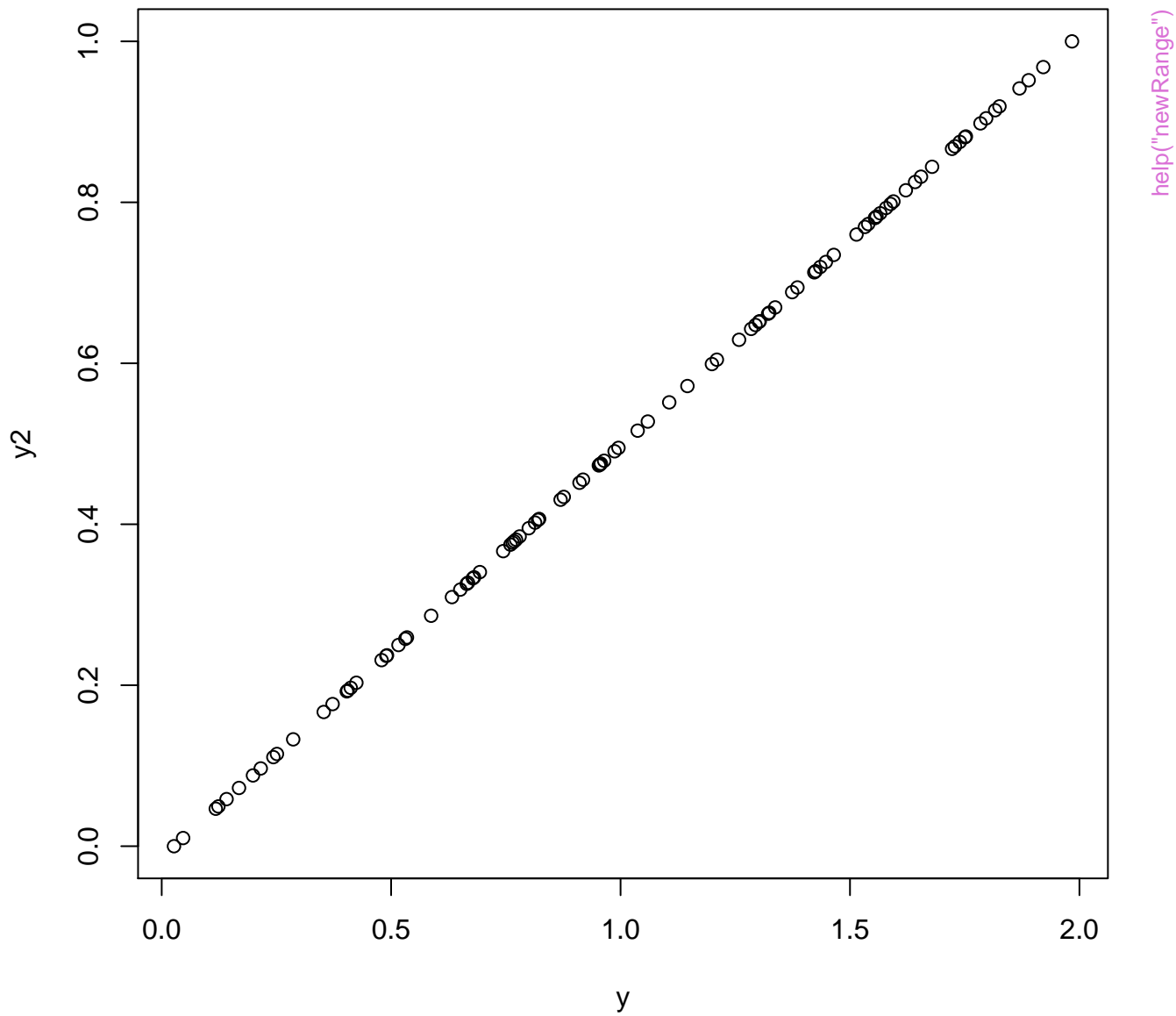






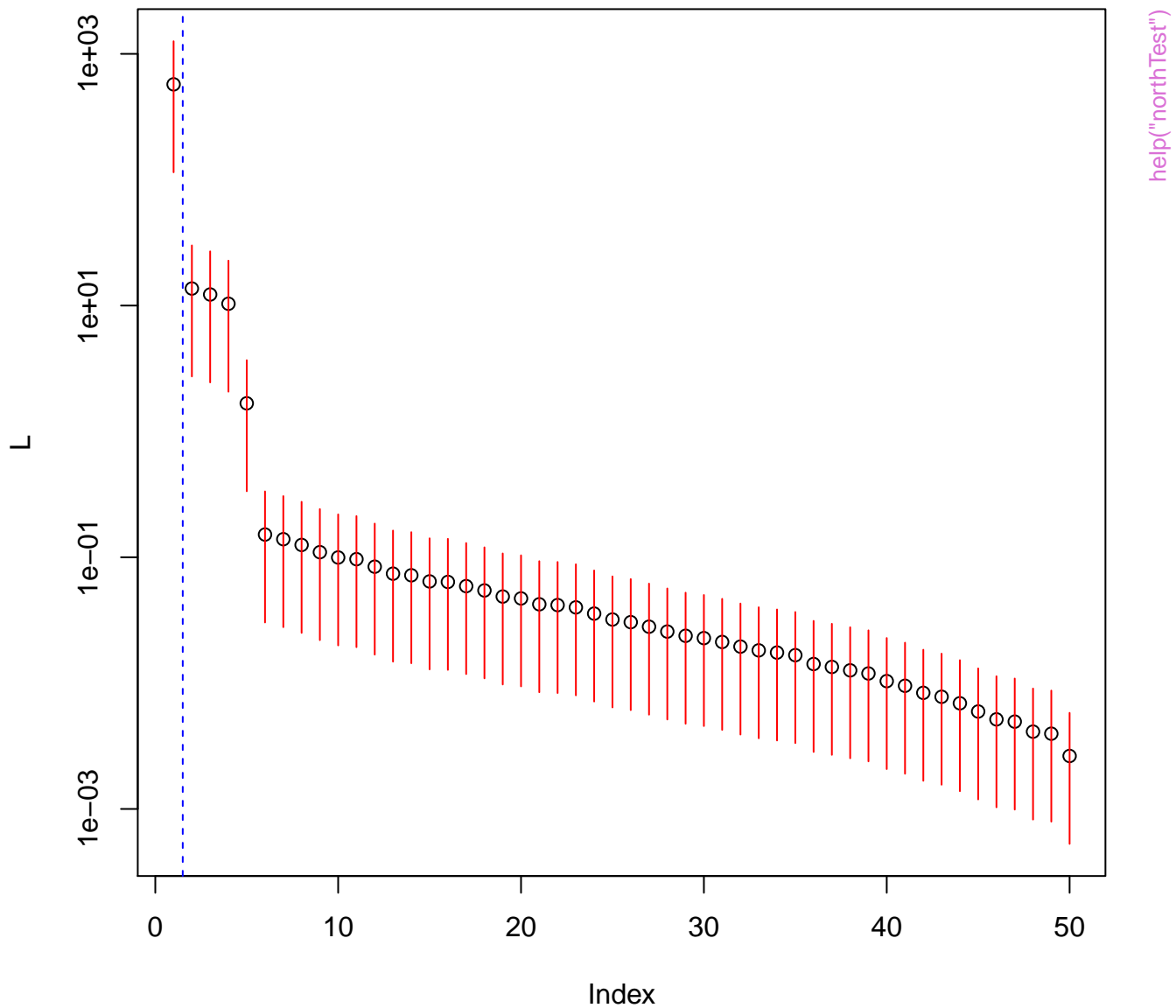




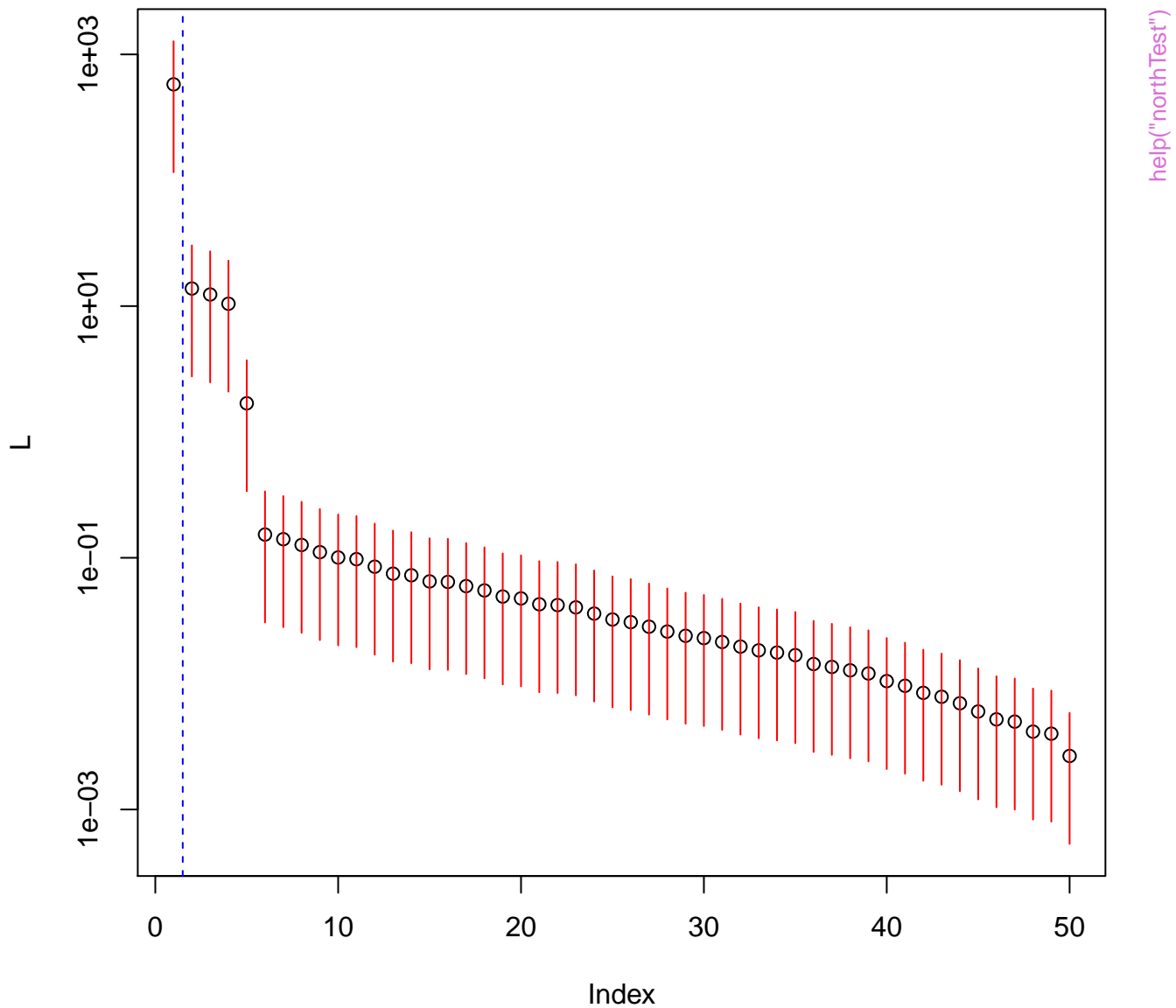


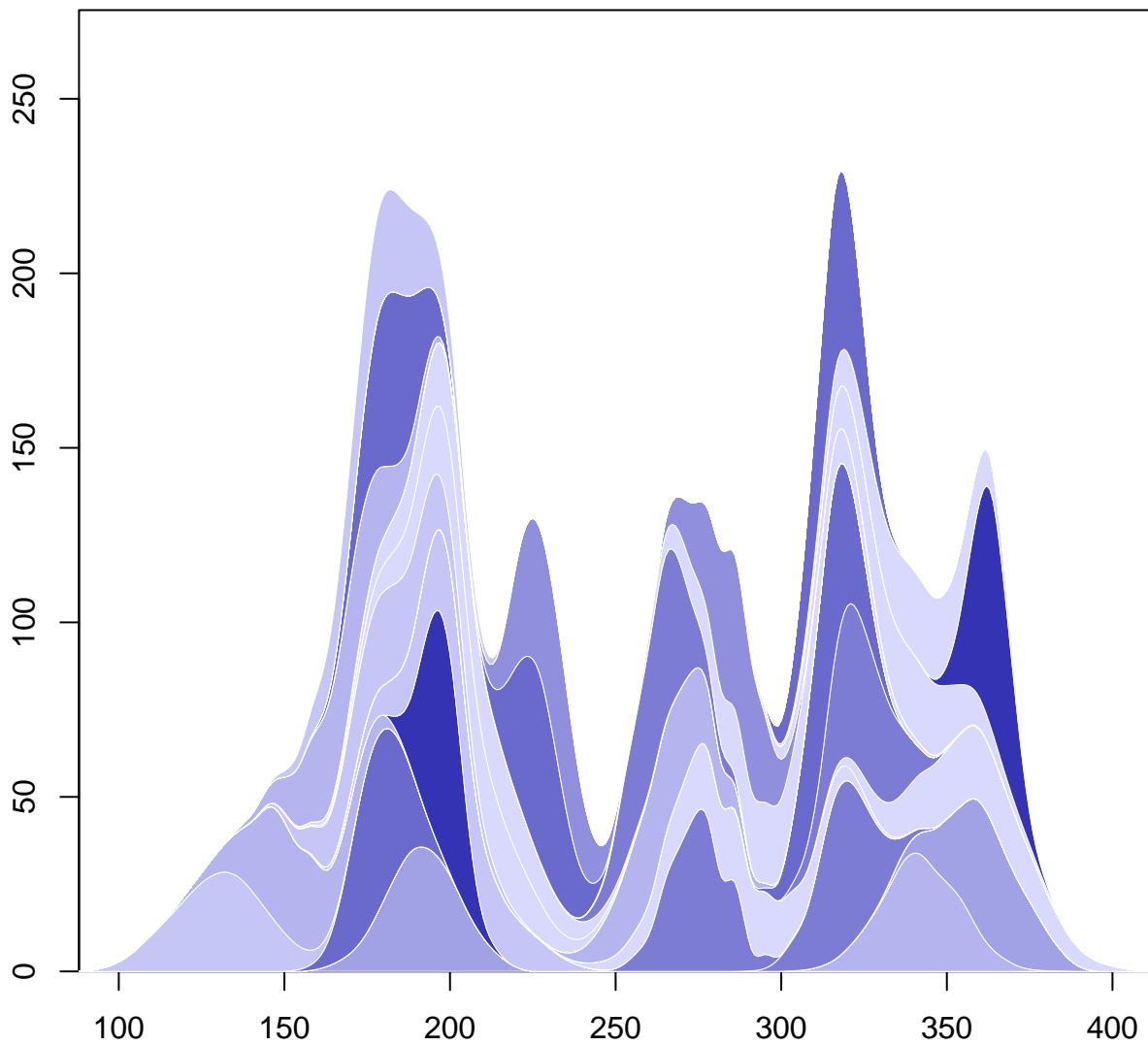


Non-mixed PCs = 1

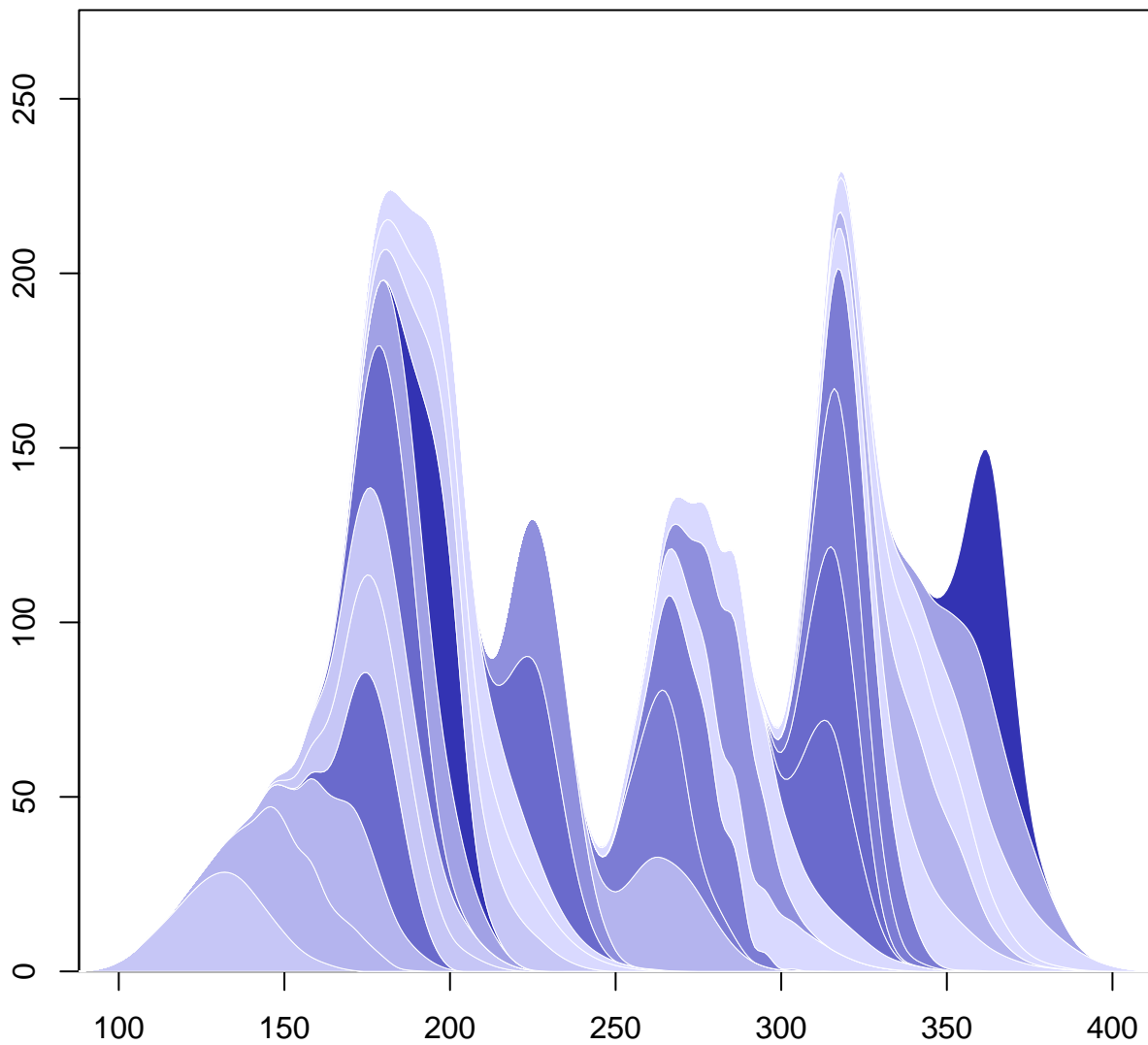


Non-mixed PCs = 1

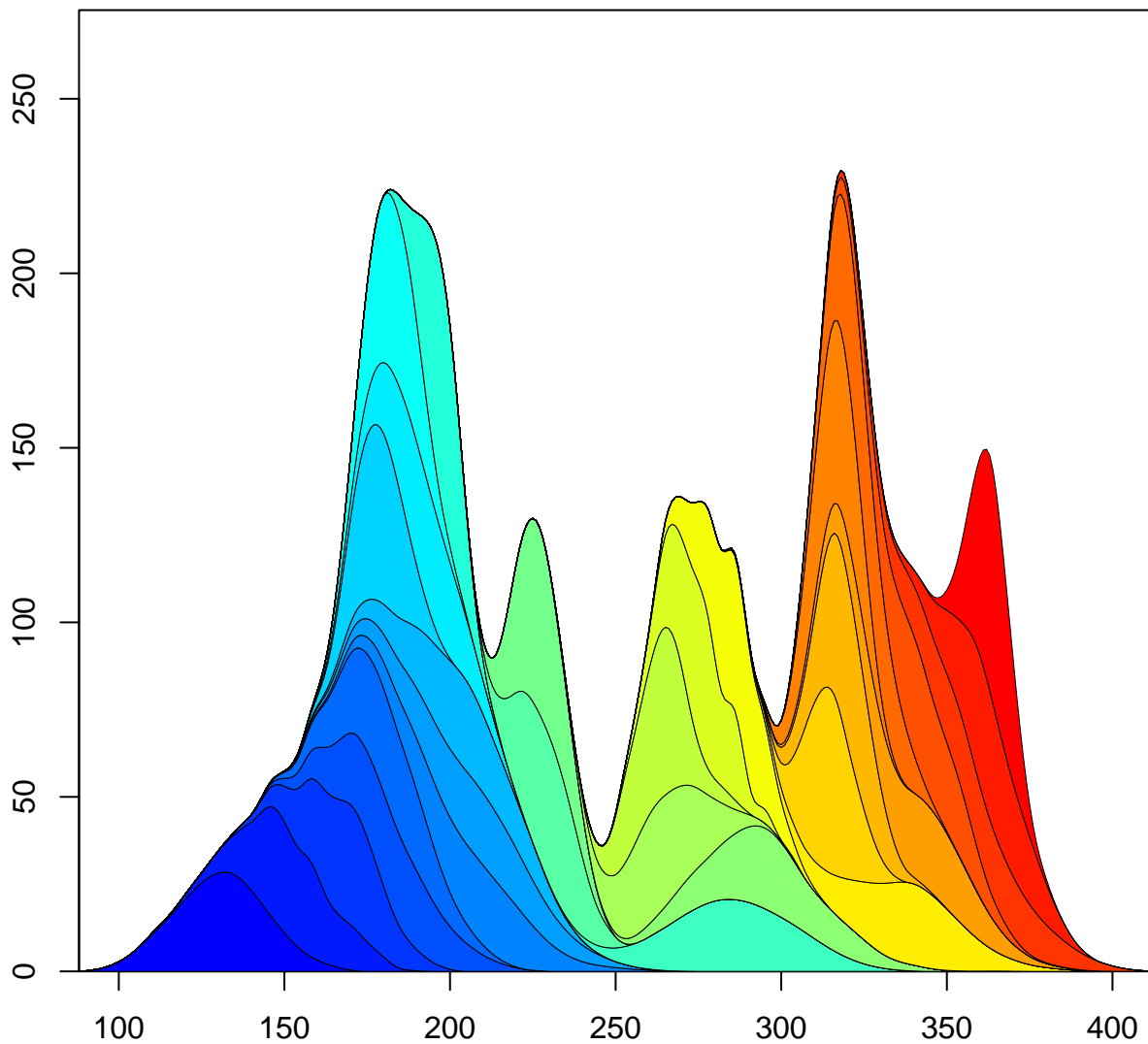




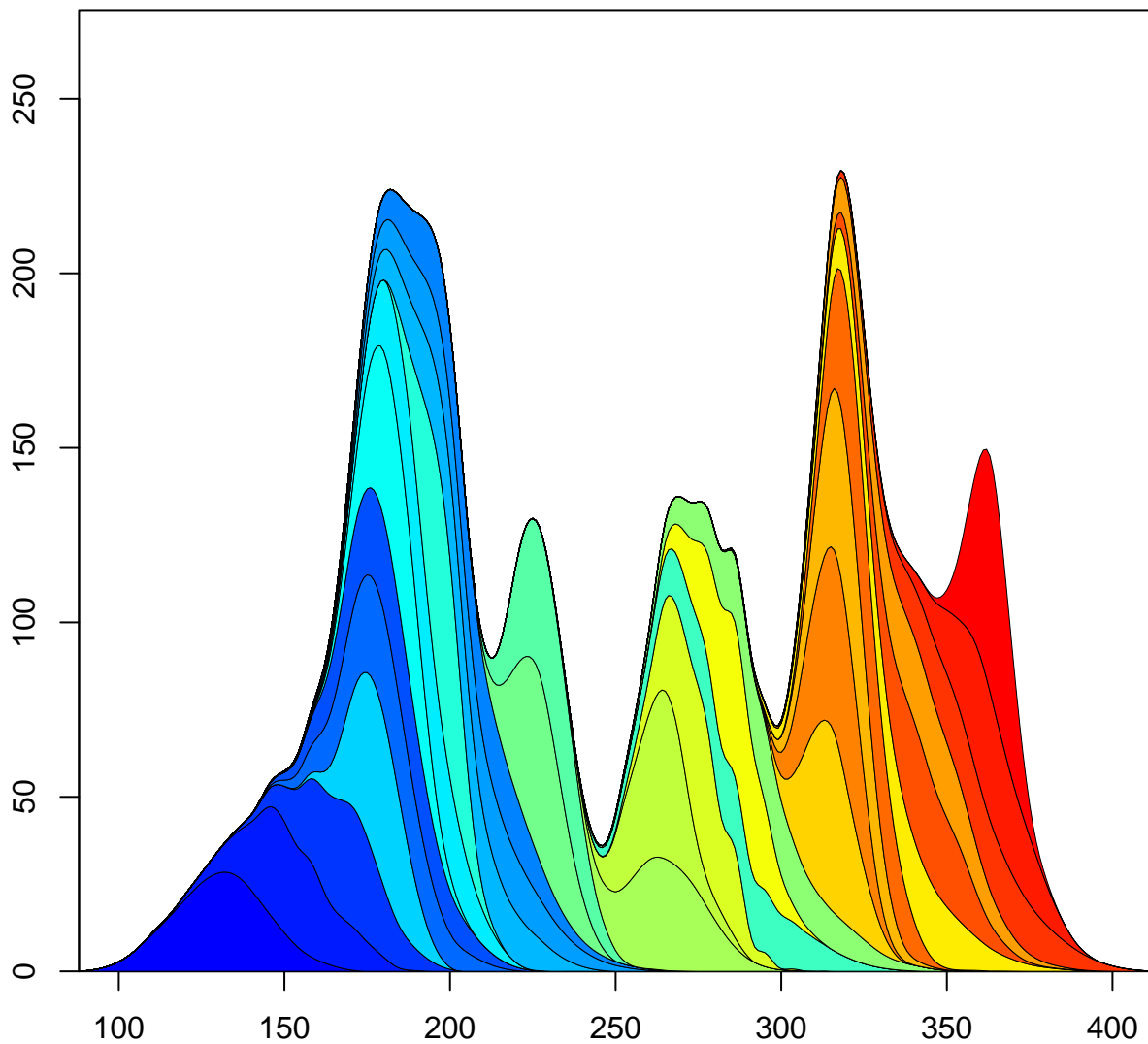
`help("plotStacked")`



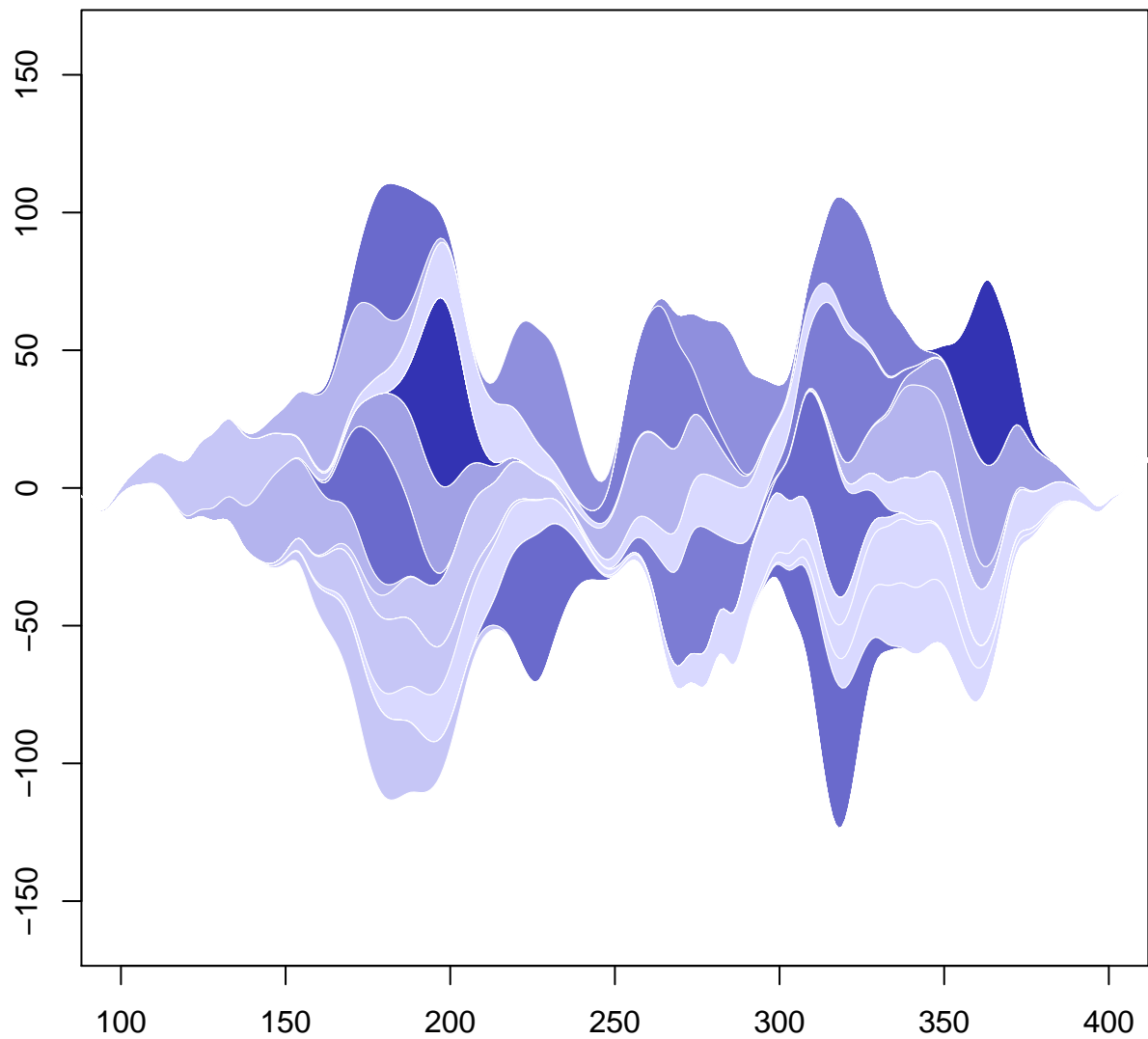
`help("plotStacked")`



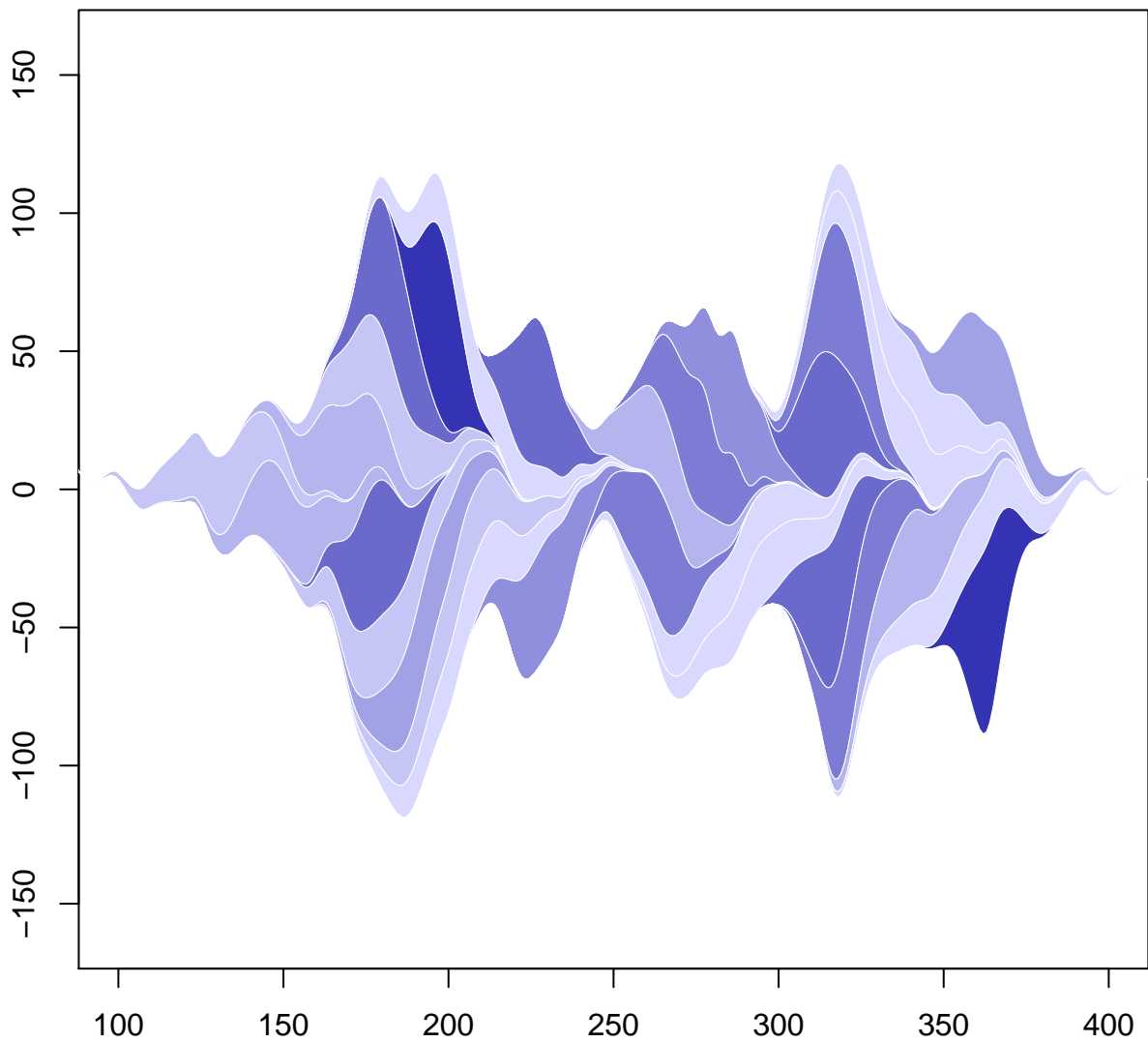
[help\("plotStacked"\)](#)



[help\("plotStacked"\)](#)

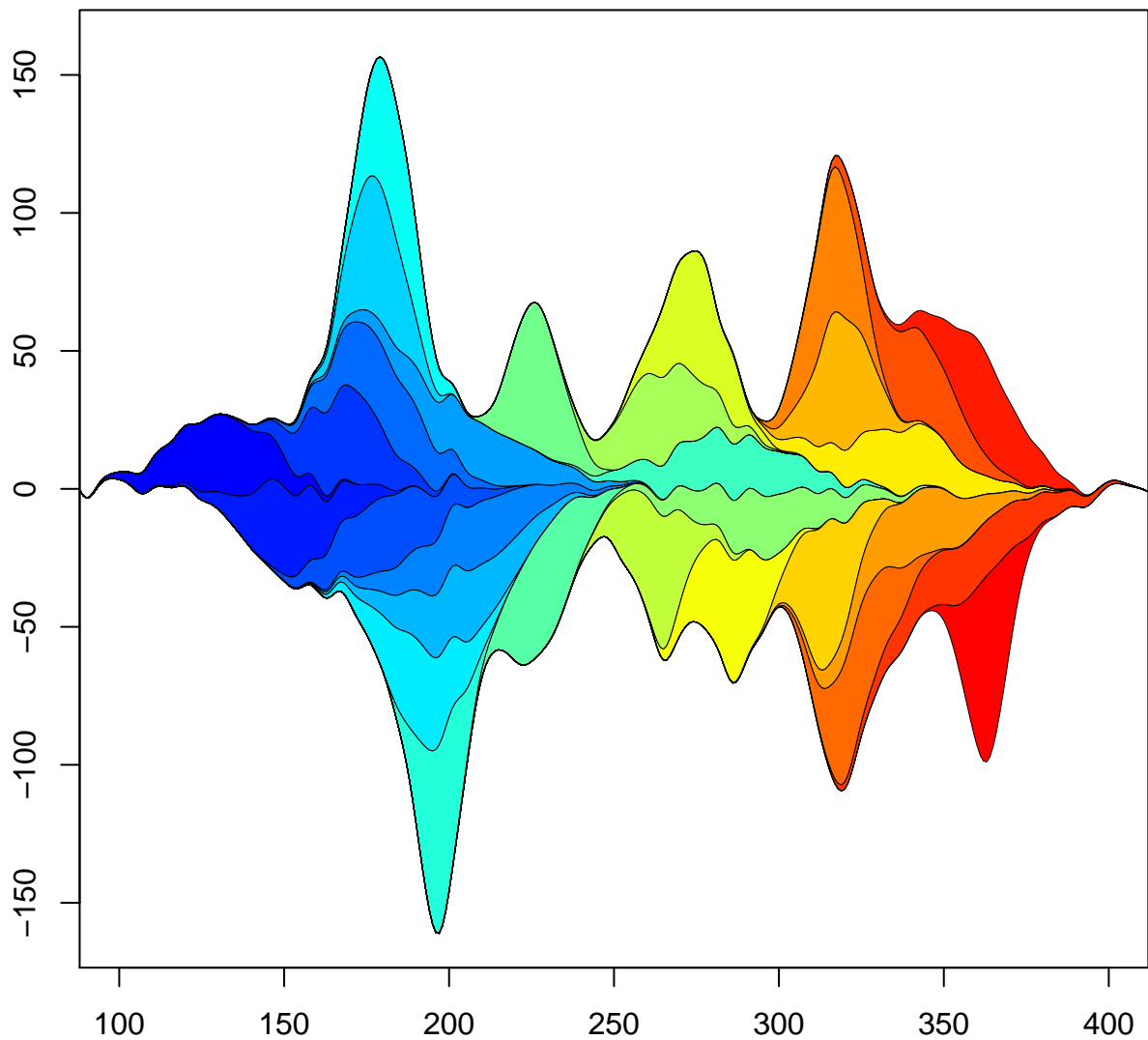


`help("plotStream")`

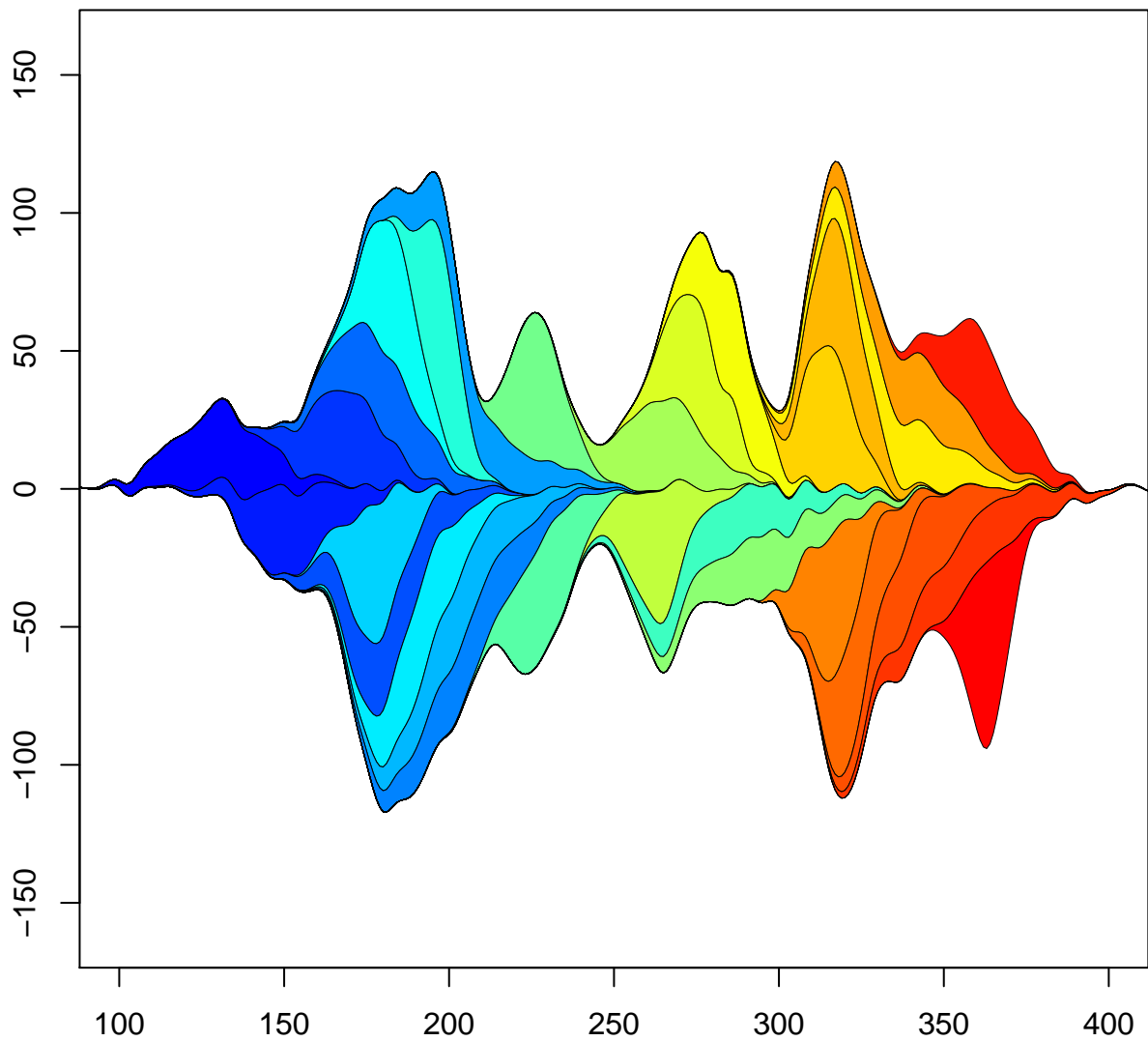


help("plotStream")

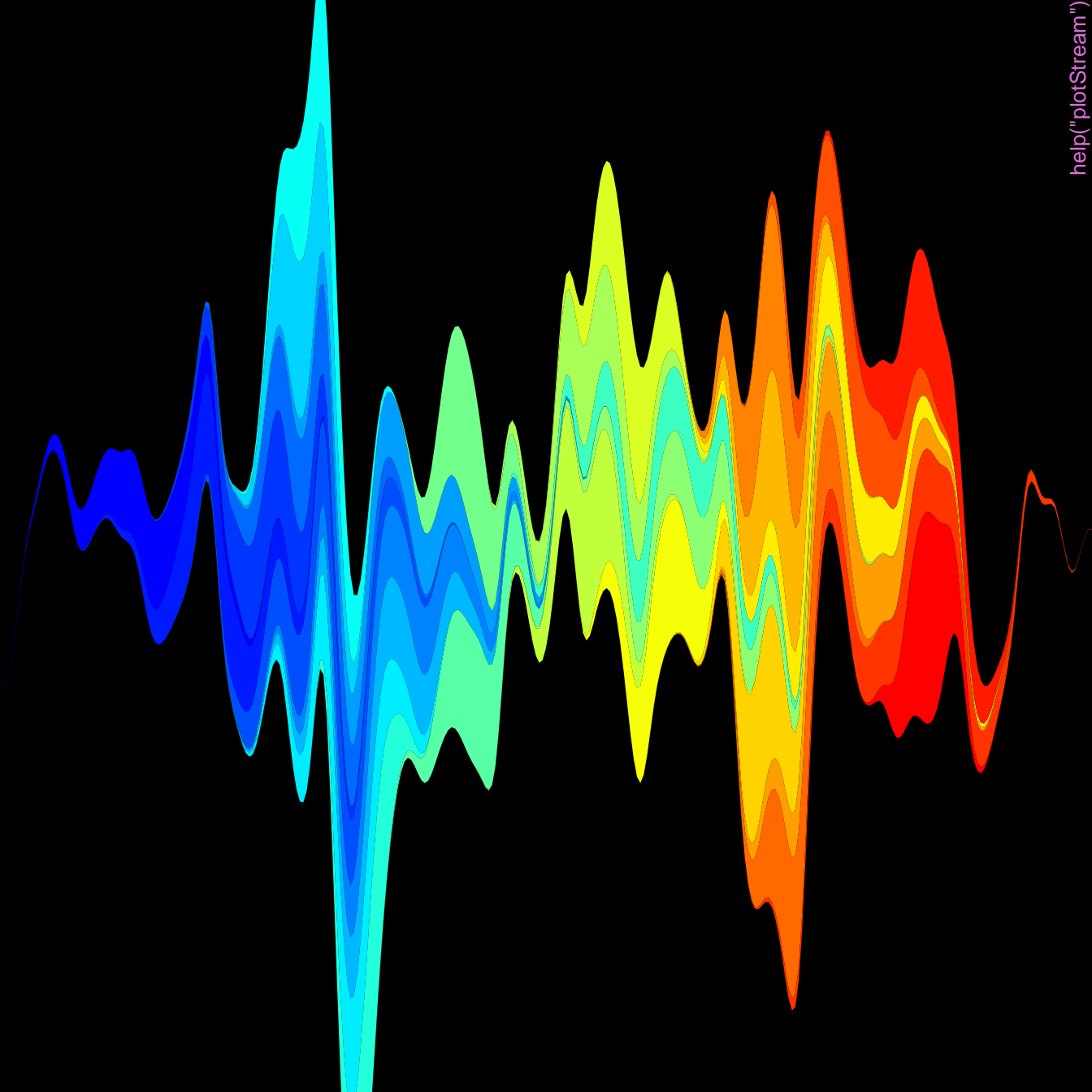




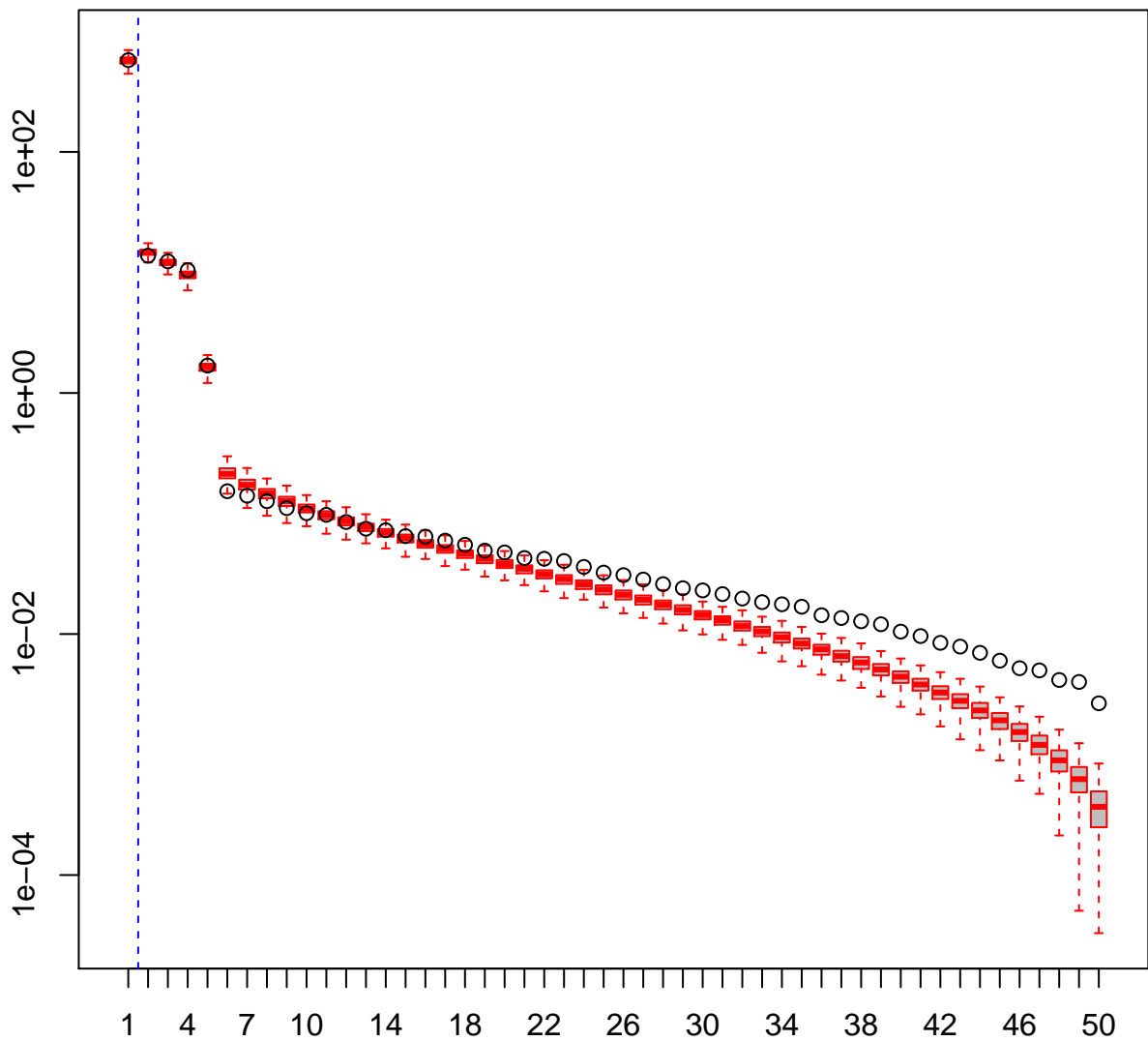
`help("plotStream")`



`help("plotStream")`



Non-mixed PCs = 1



help("prcompBoot")

Significant PCs = 4

