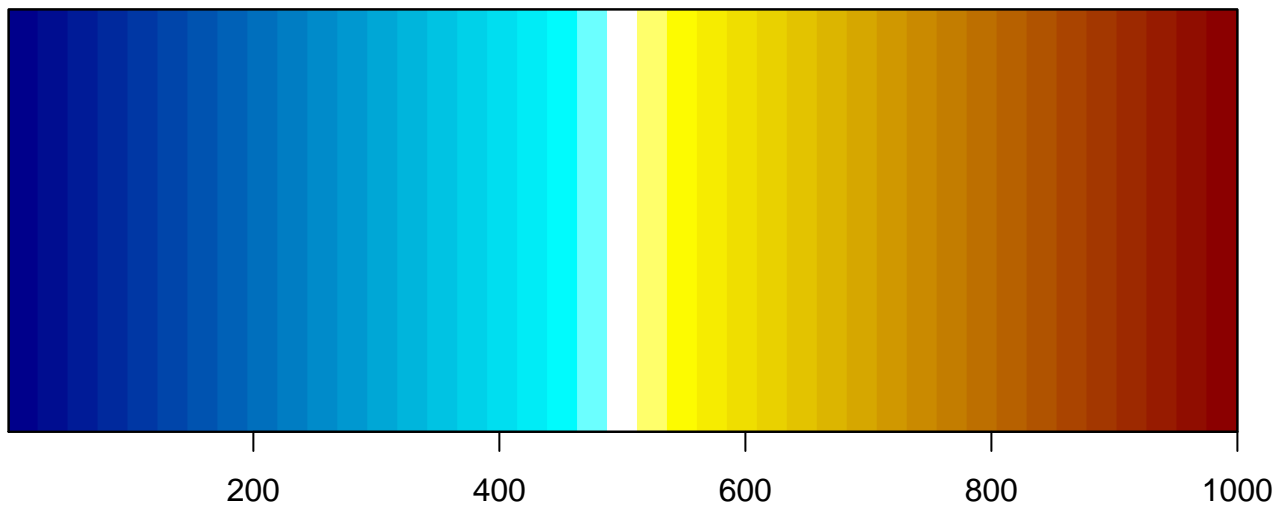
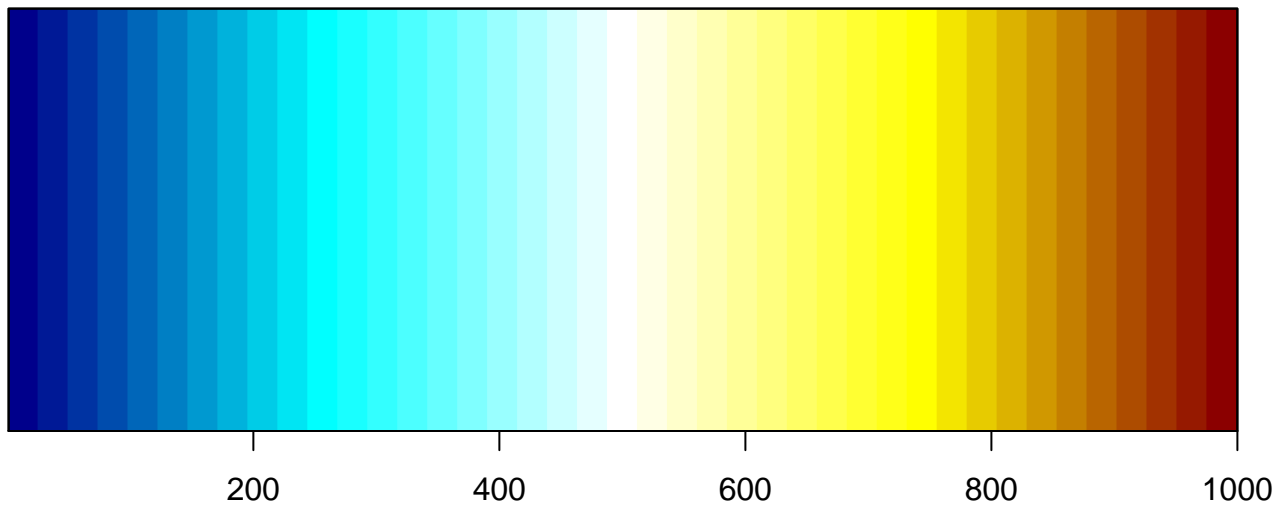




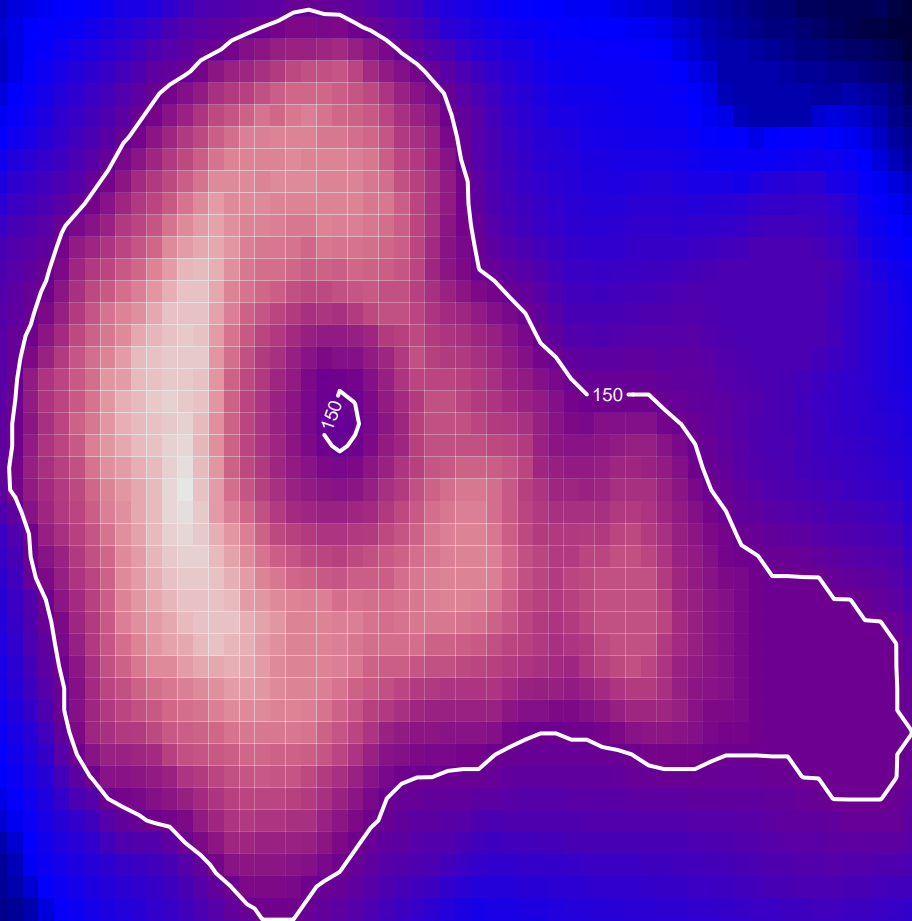
help("addAlpha")



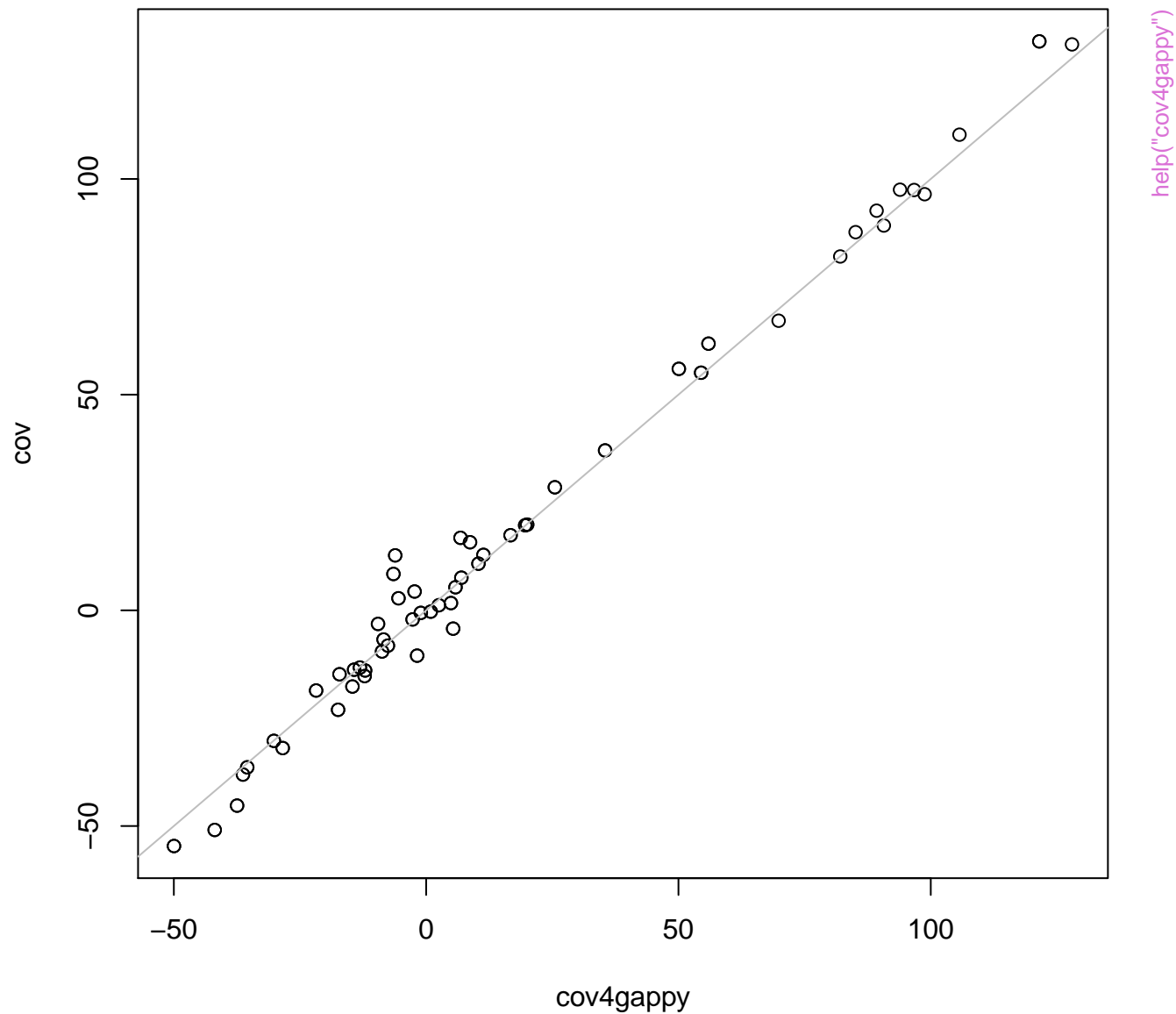
Snow line

150

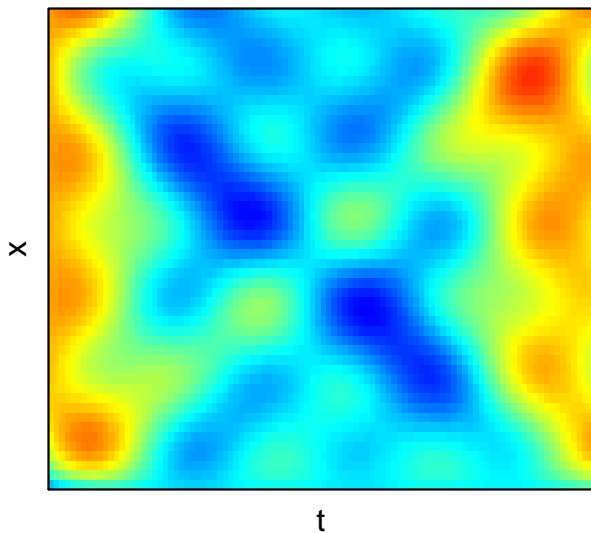
150



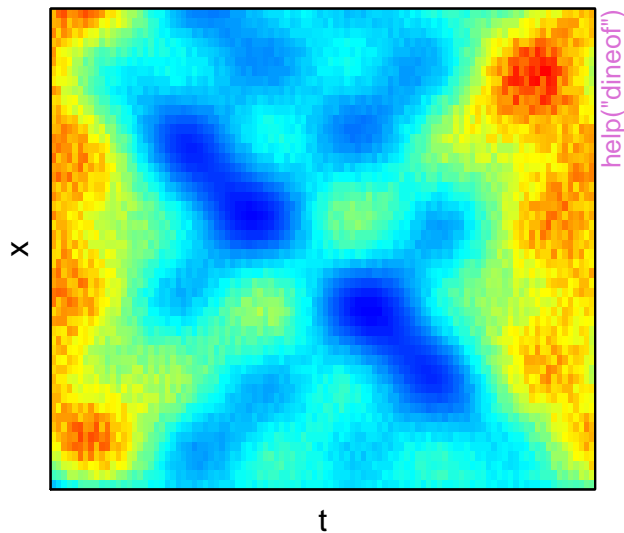
## covariance comparison



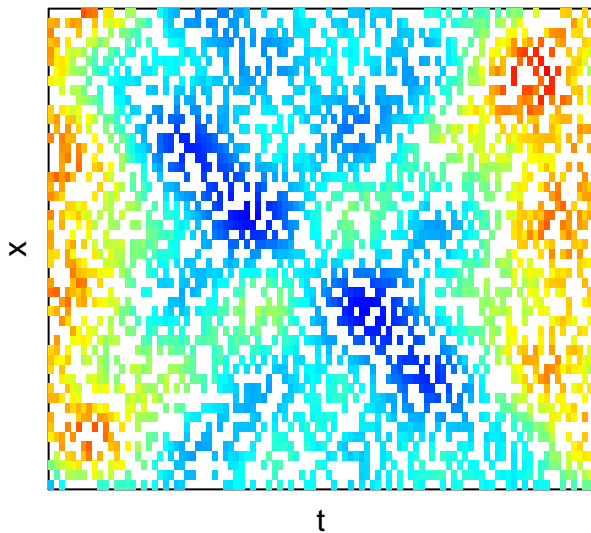
**A) True**



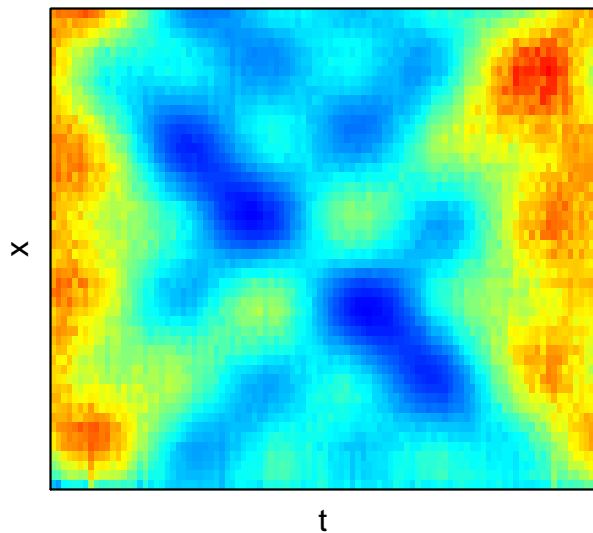
**B) True + Noise (N/S = 0.1)**

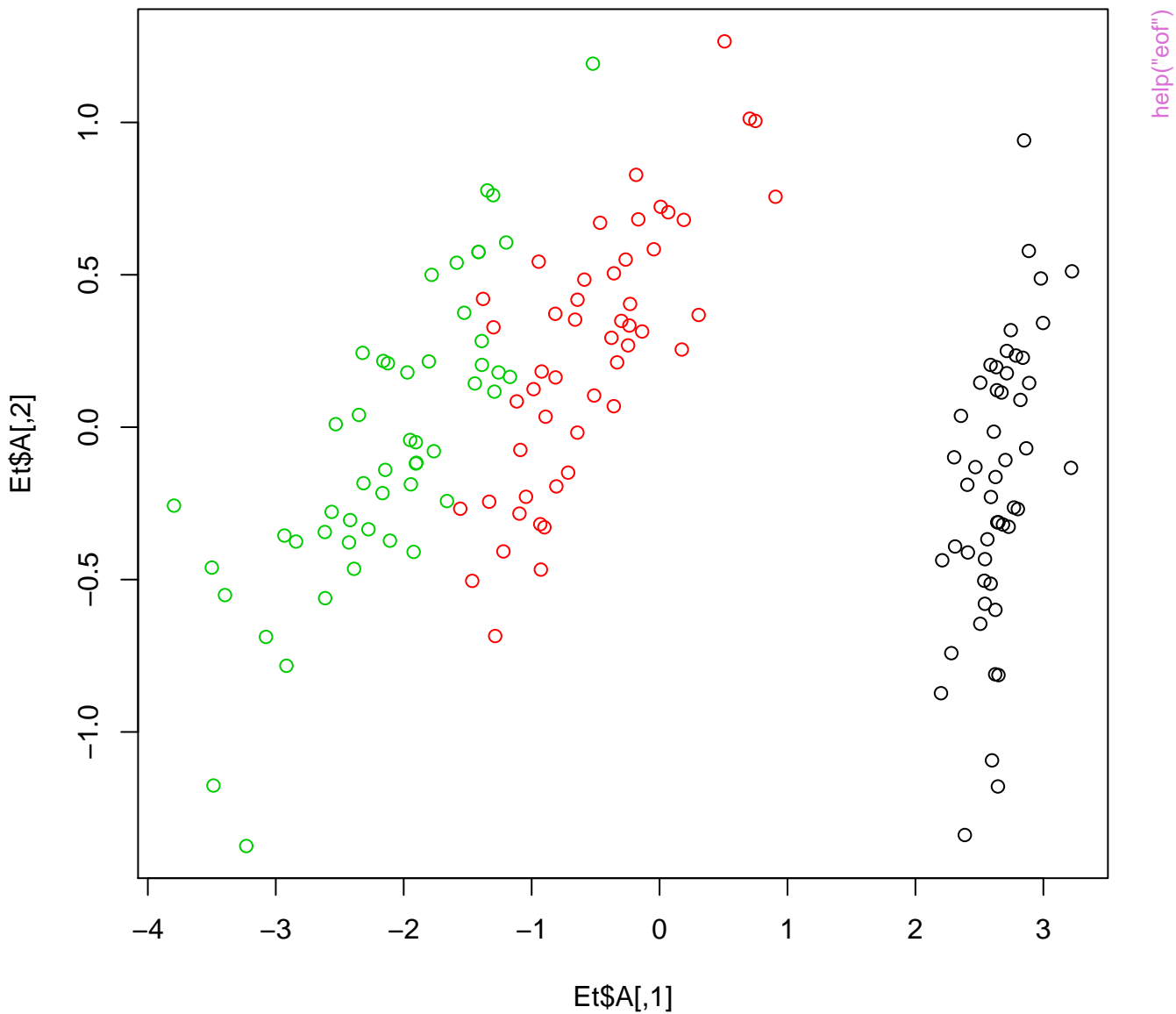


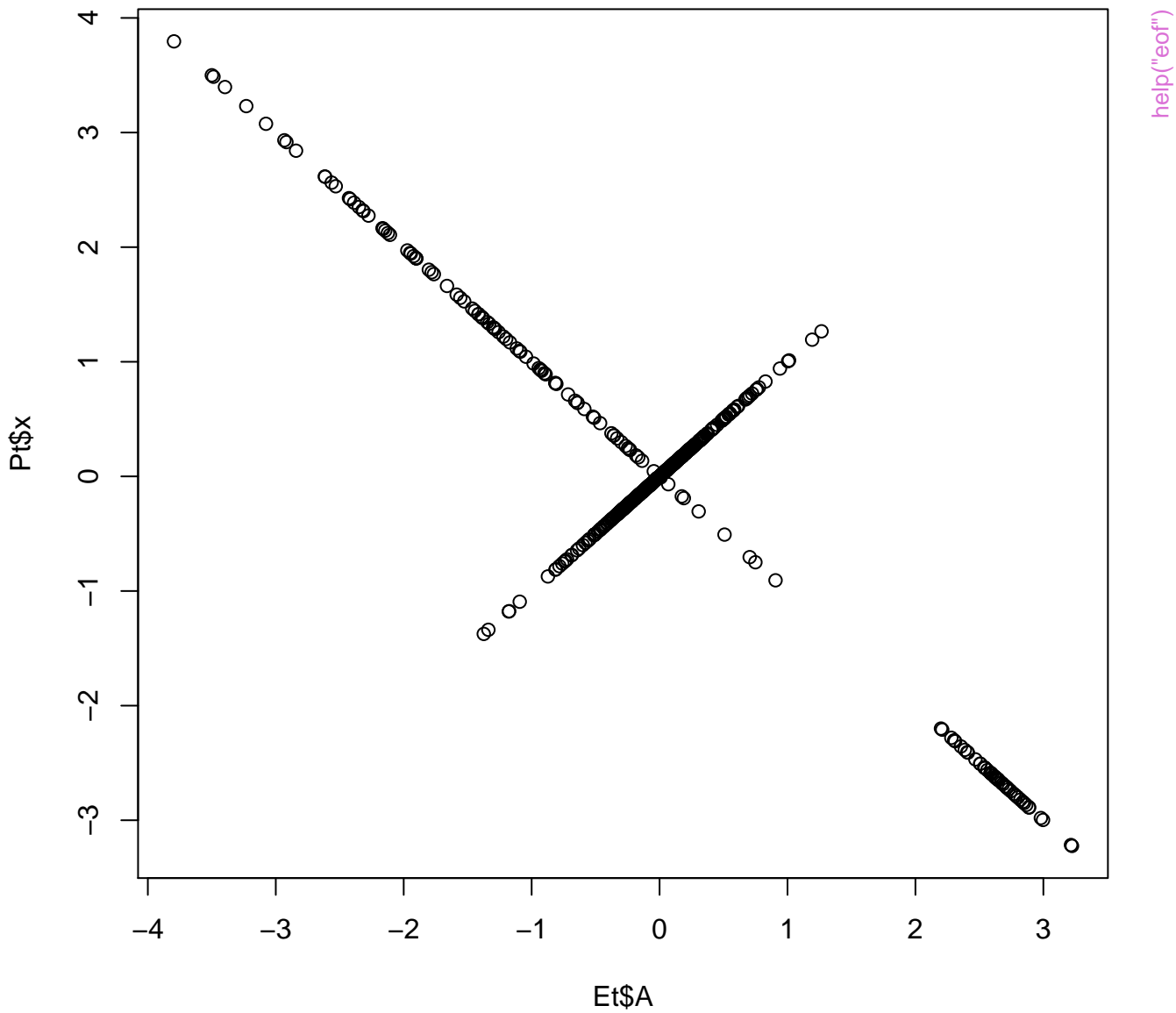
**C) Observed (50 % gaps)**

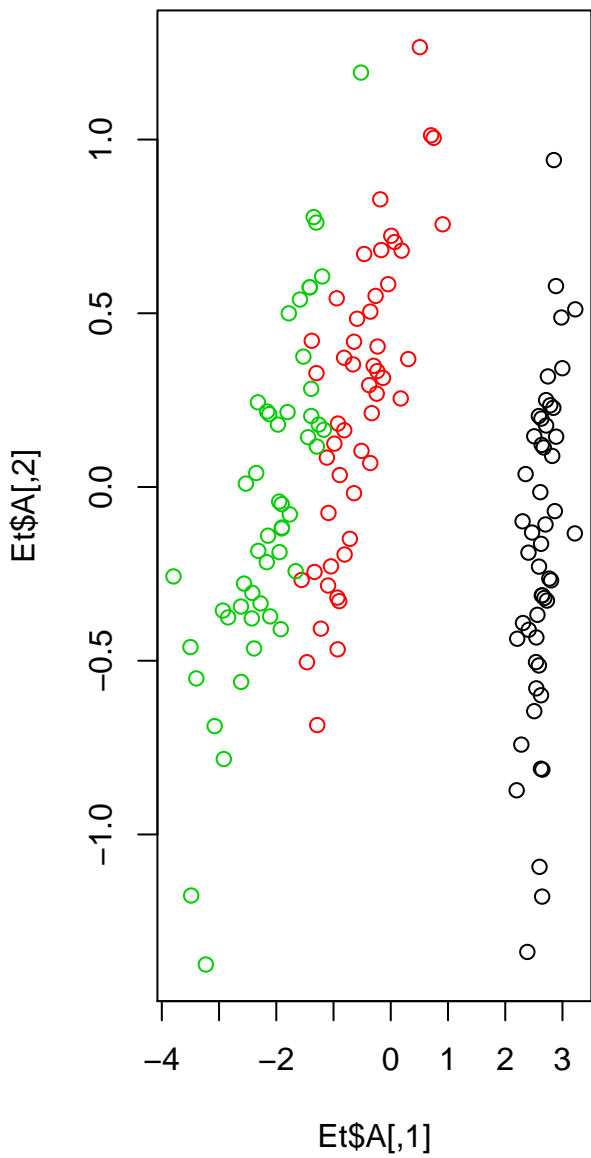


**D) Reconstruction**











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

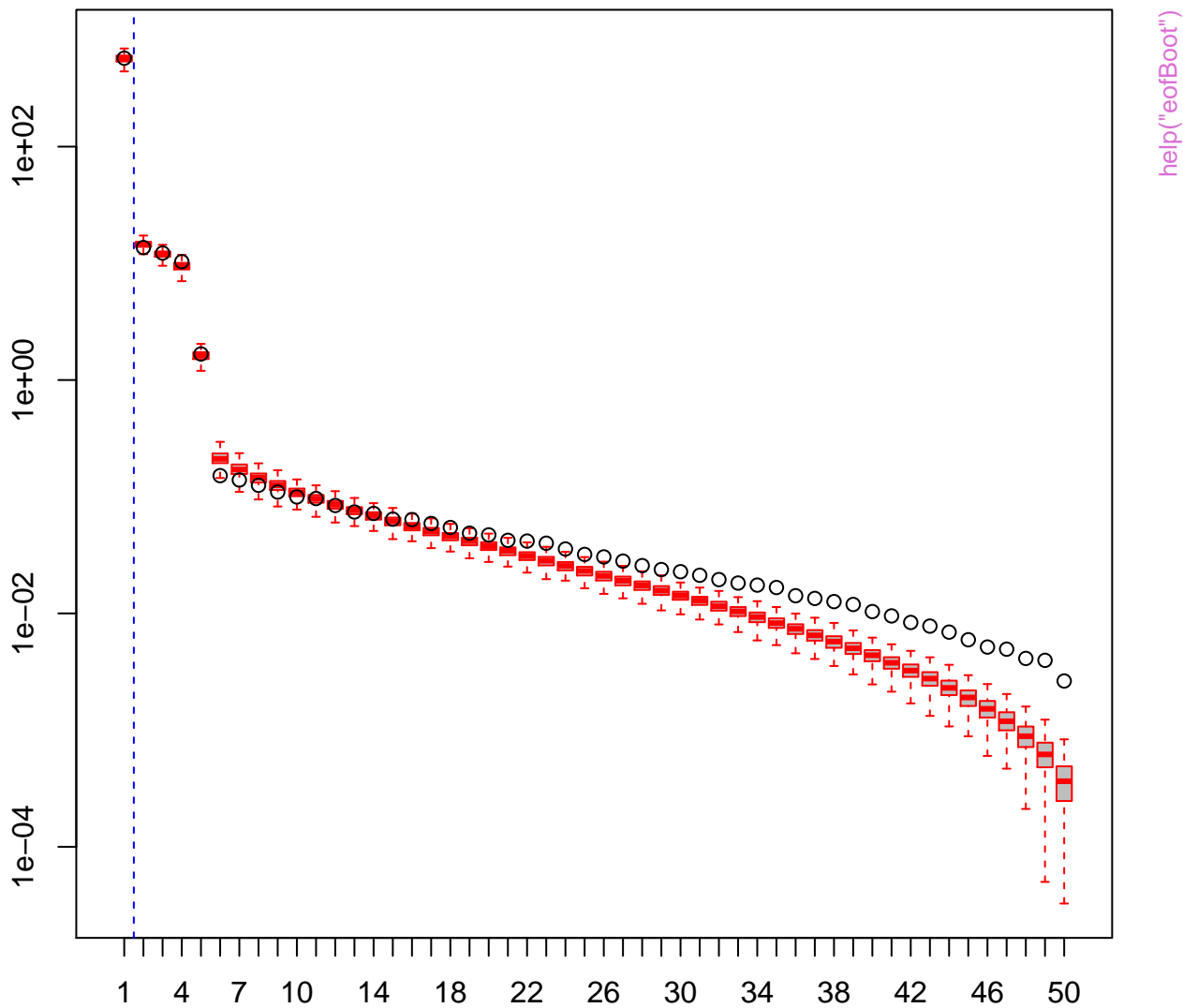
Non-gappy



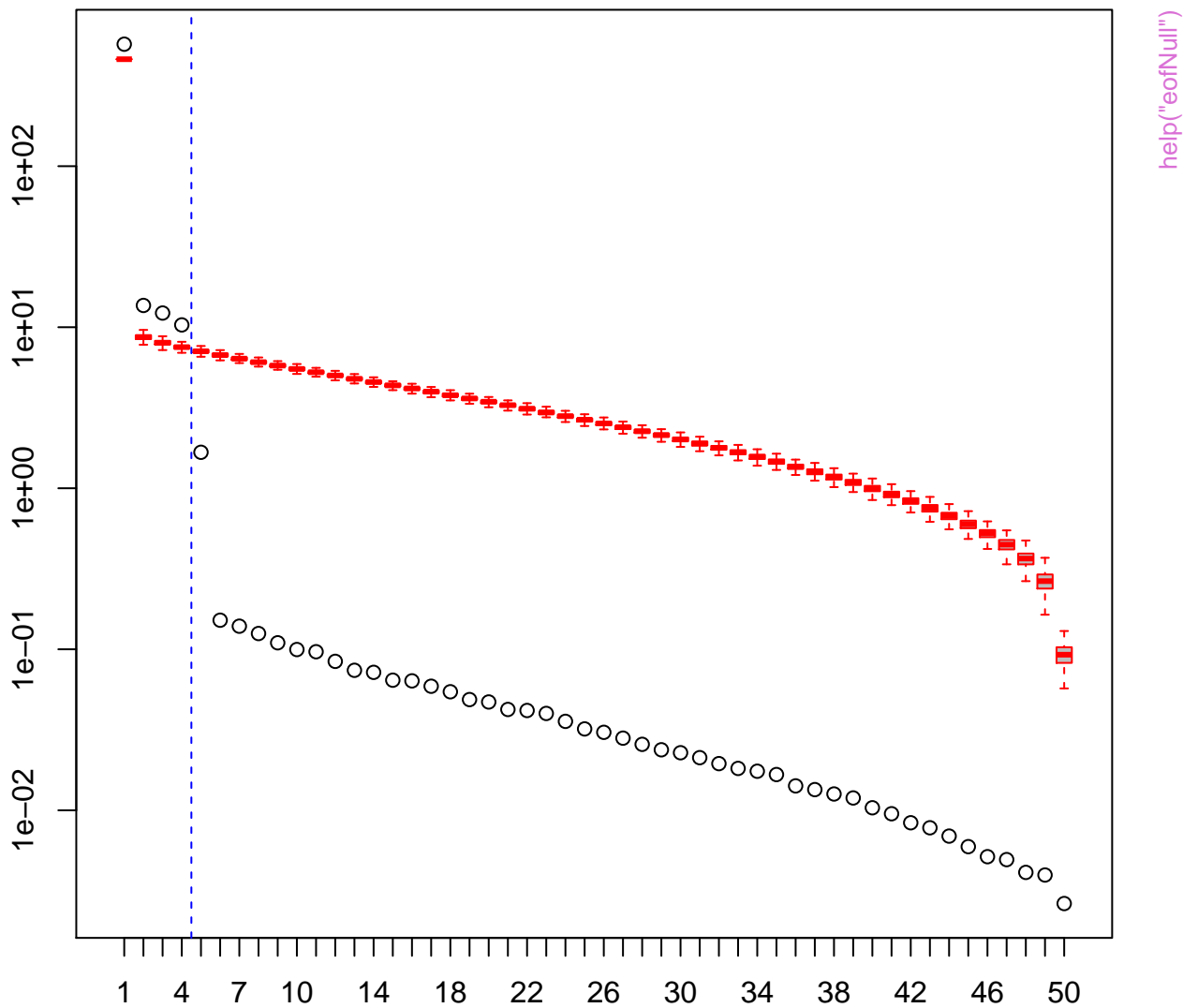
Gappy

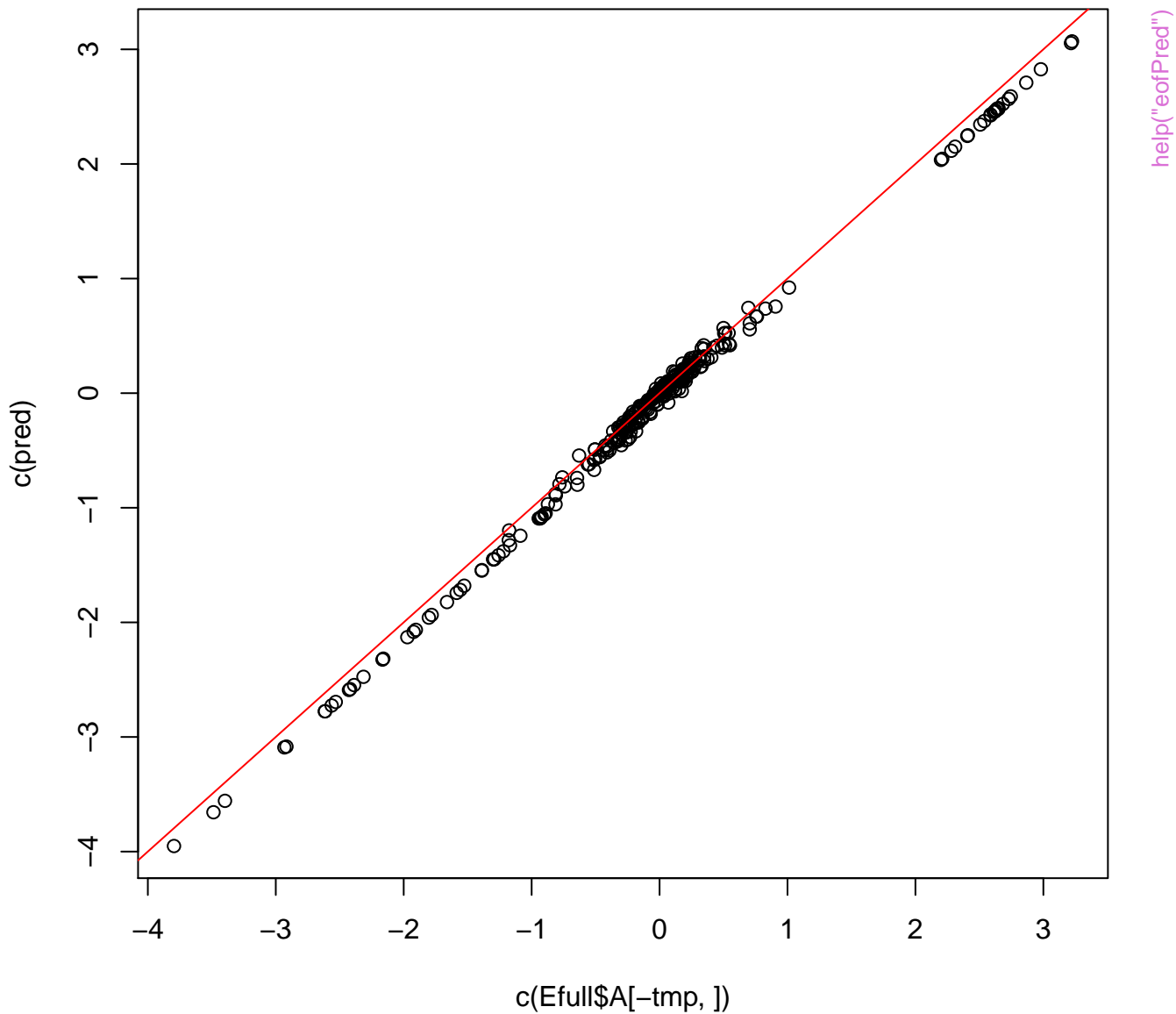


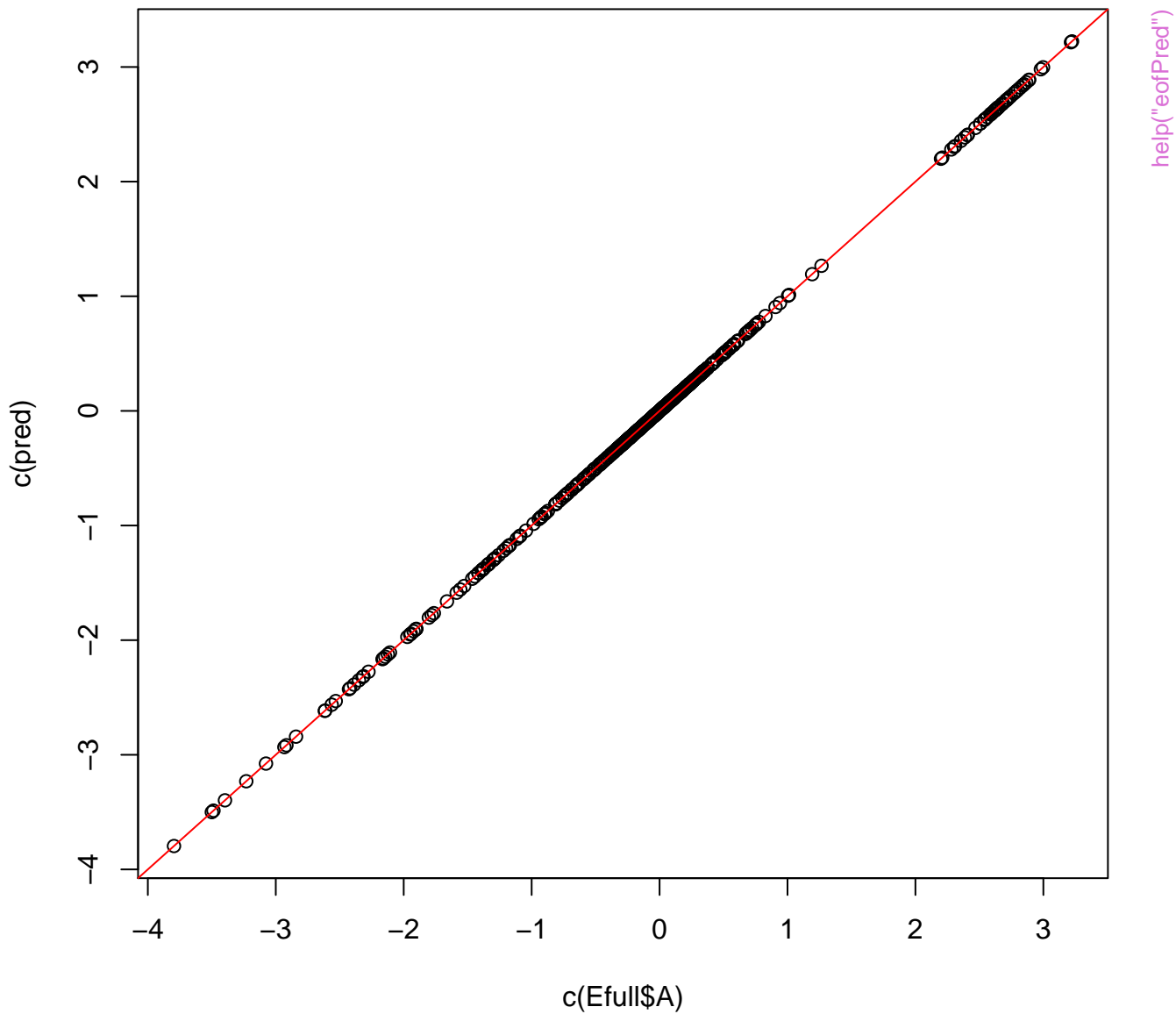
Non-mixed PCs = 1

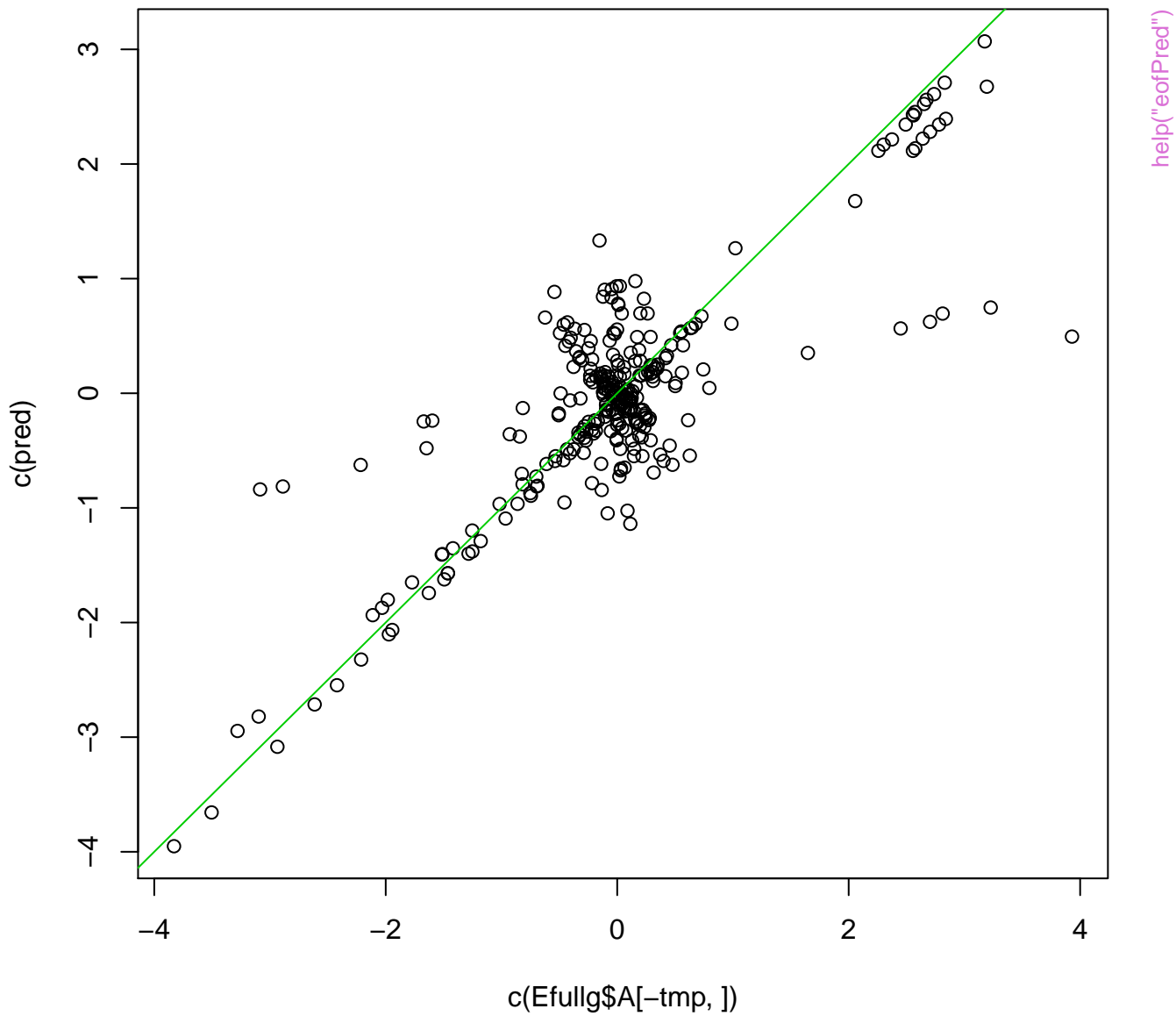


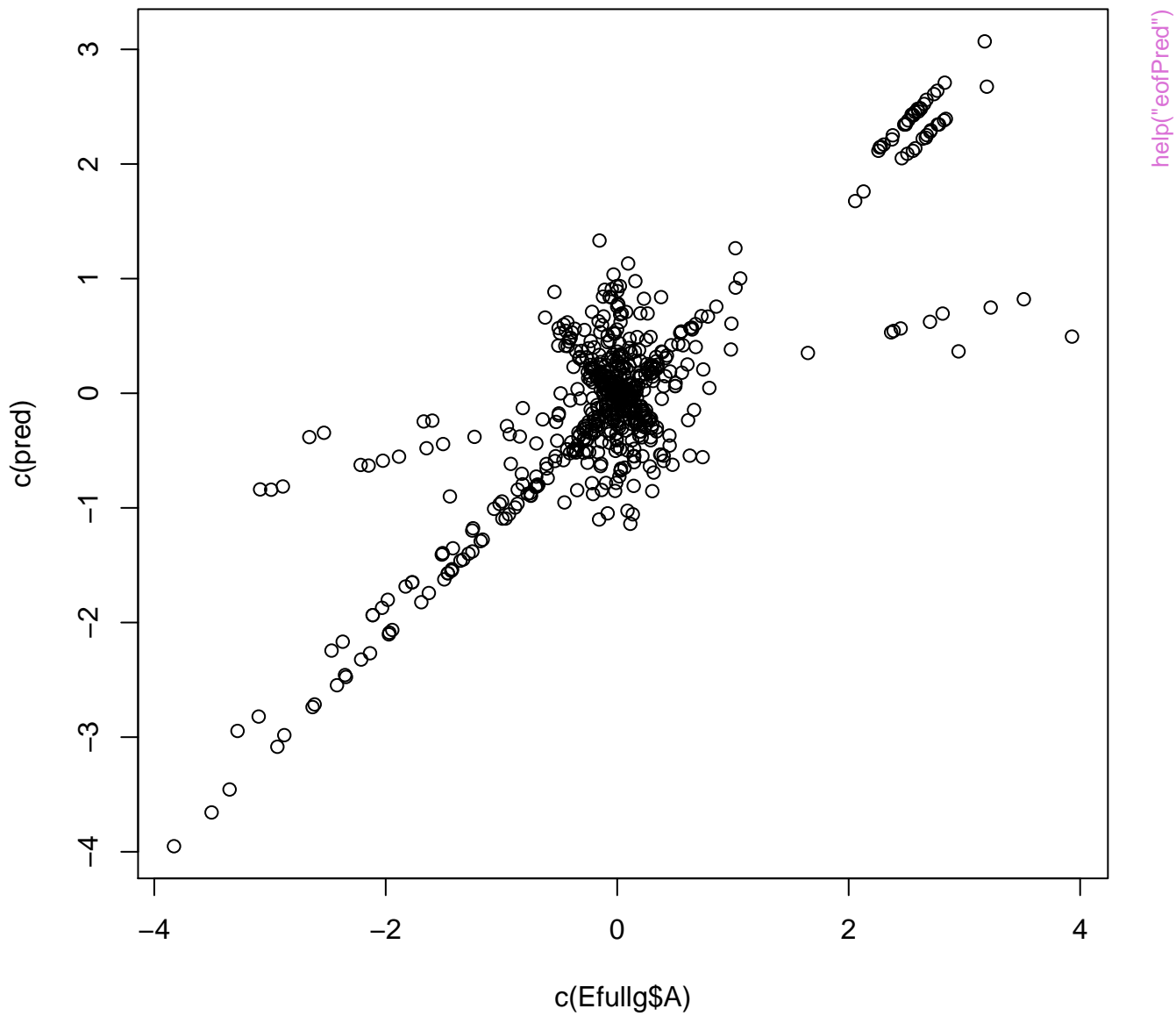
Significant PCs = 4



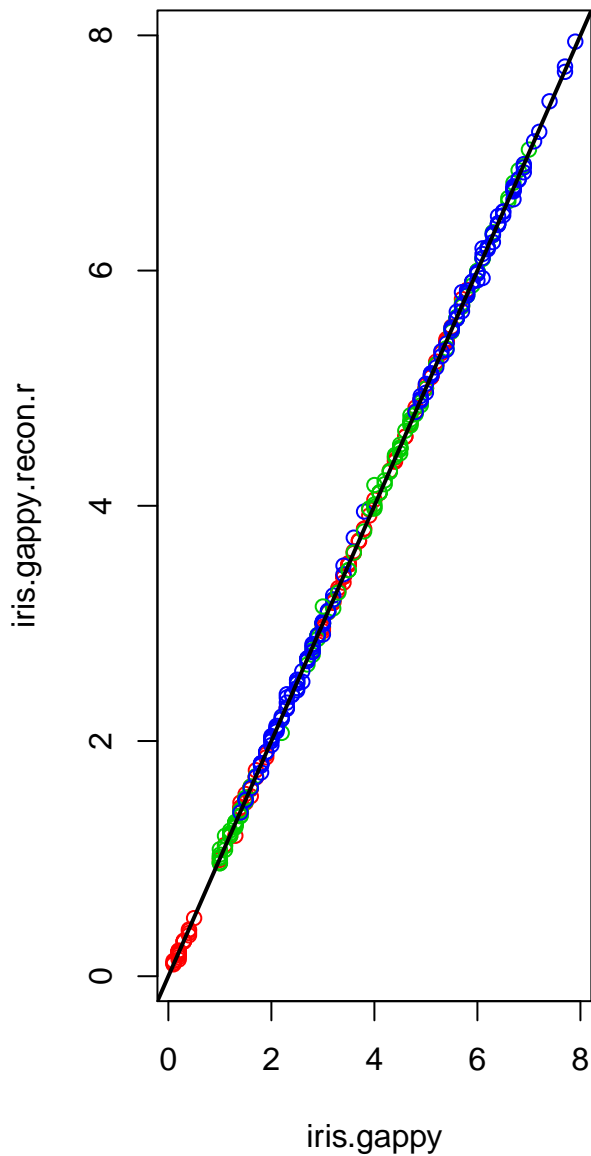




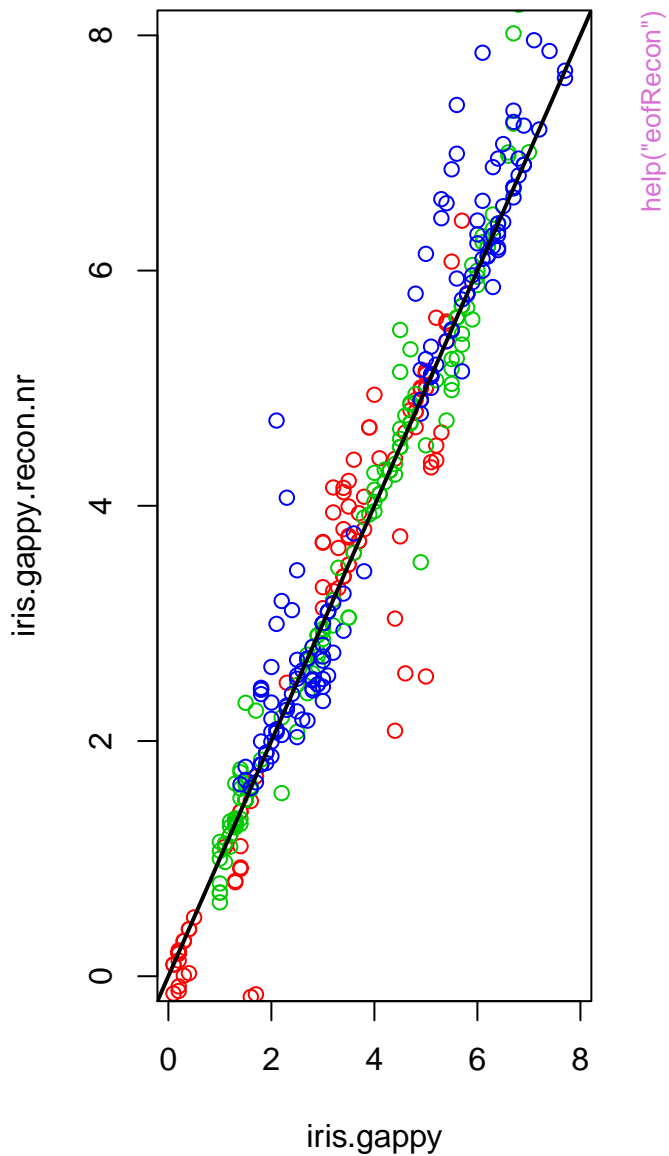




**recursive=TRUE**

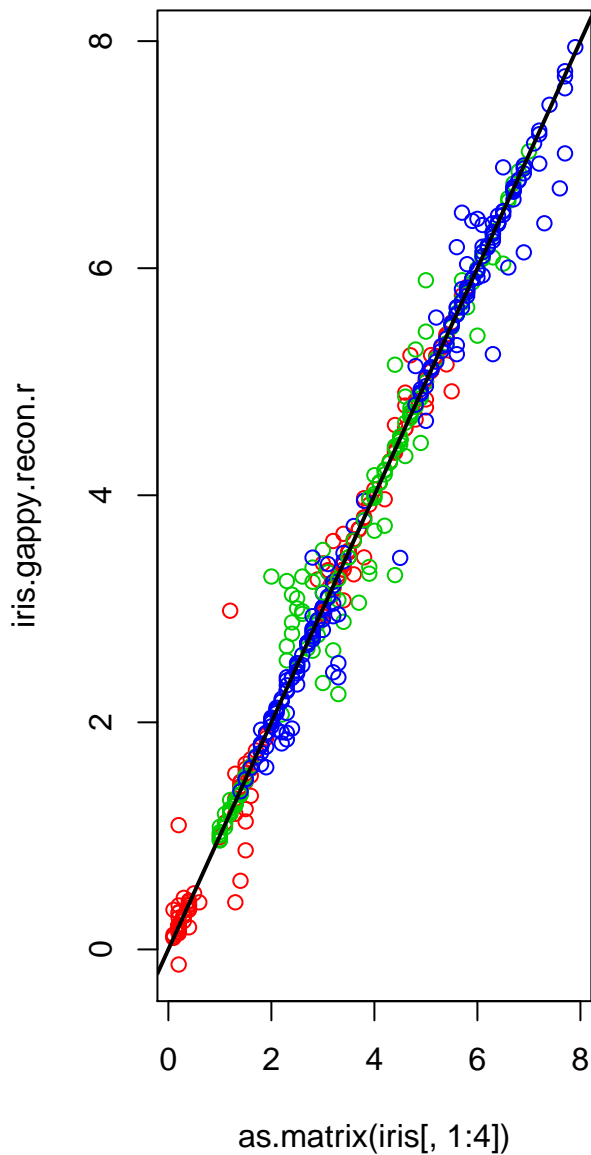


**recursive=FALSE**

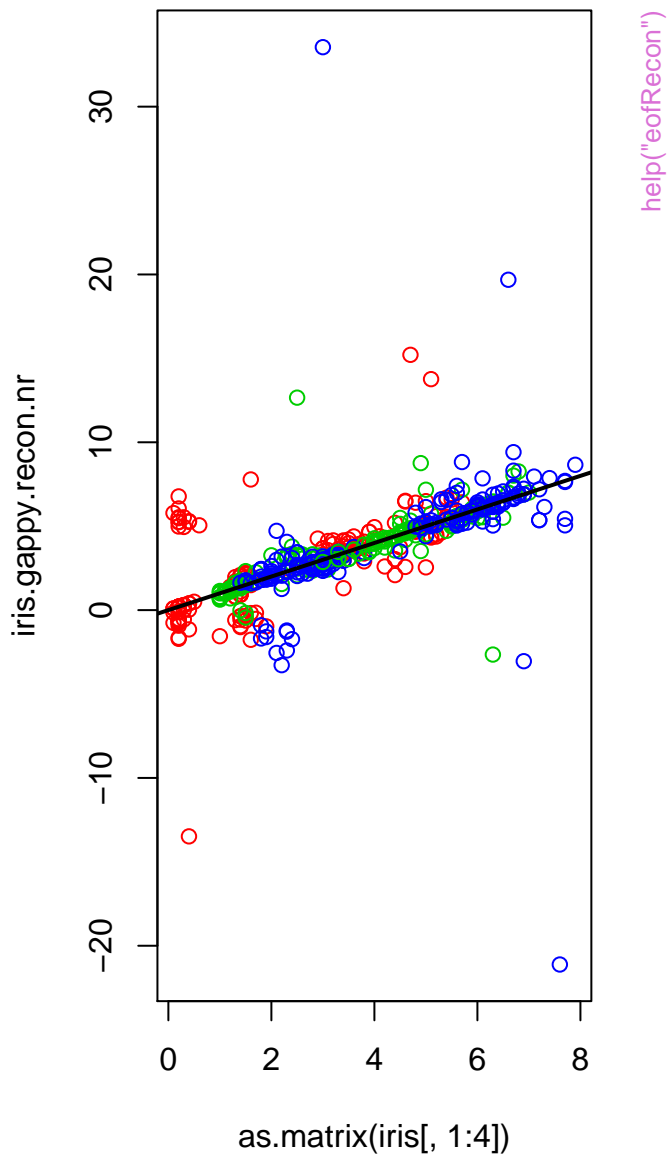




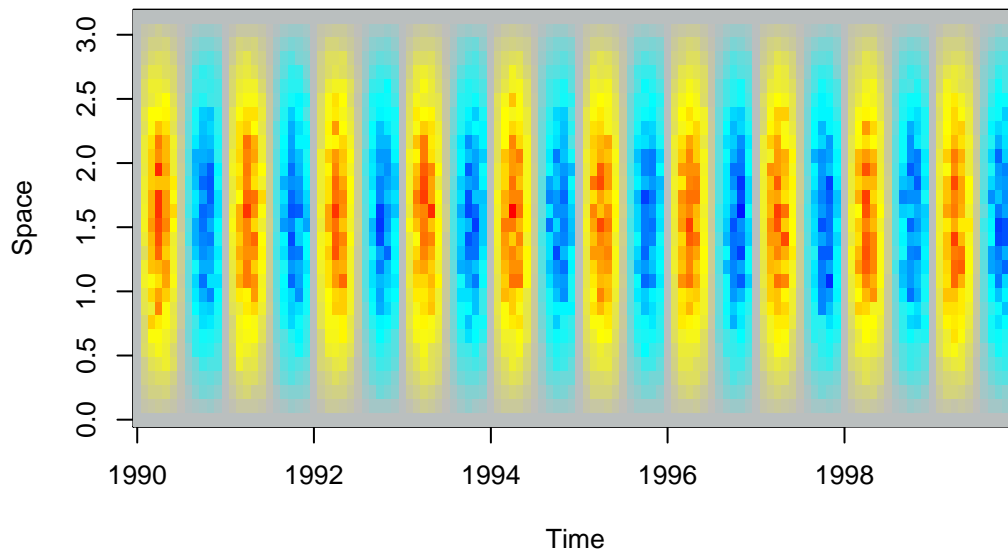
**recursive=TRUE**



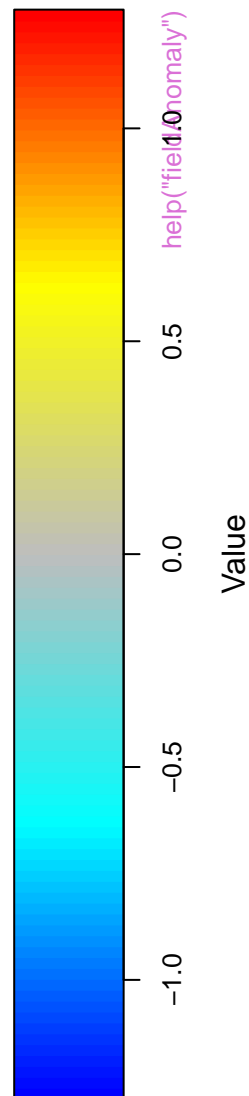
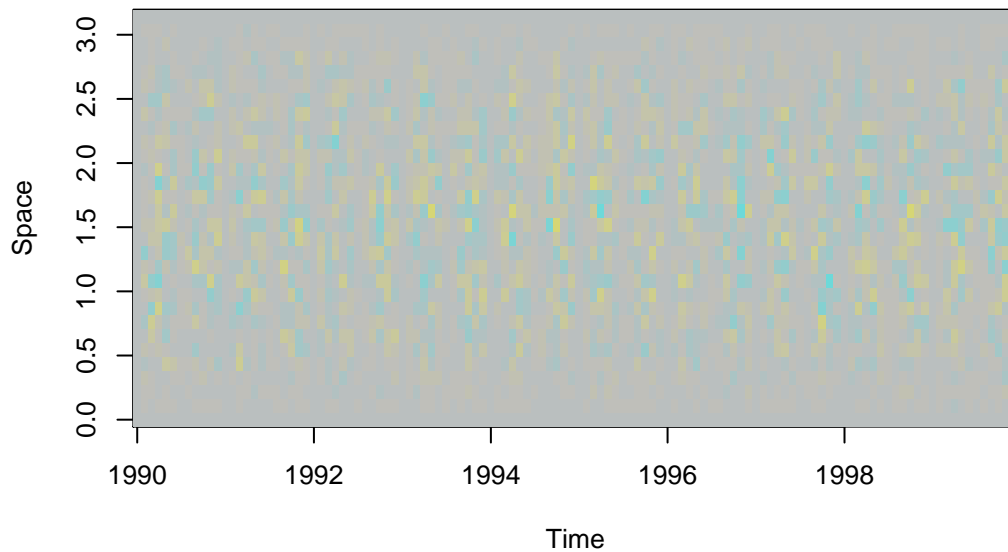
**recursive=FALSE**

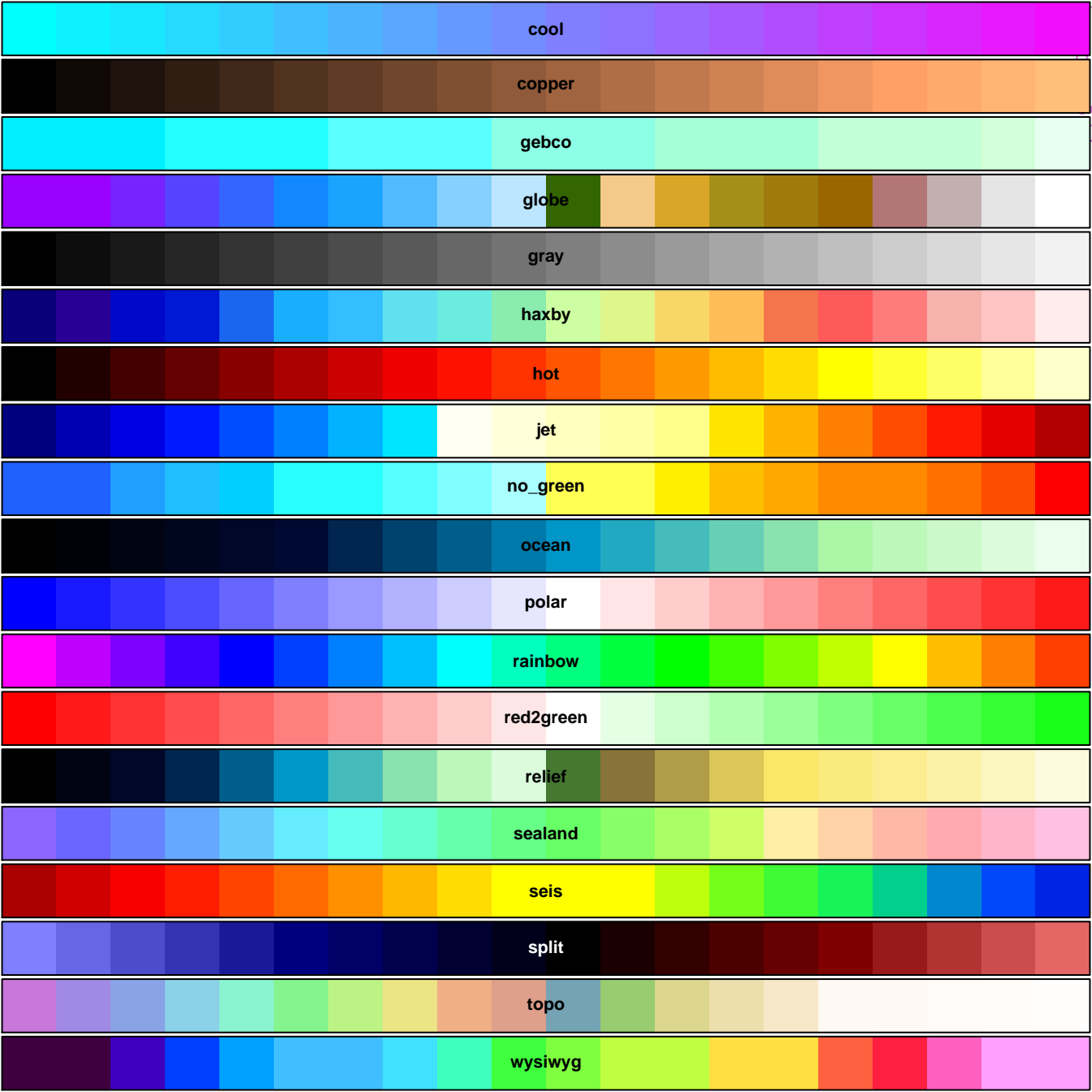


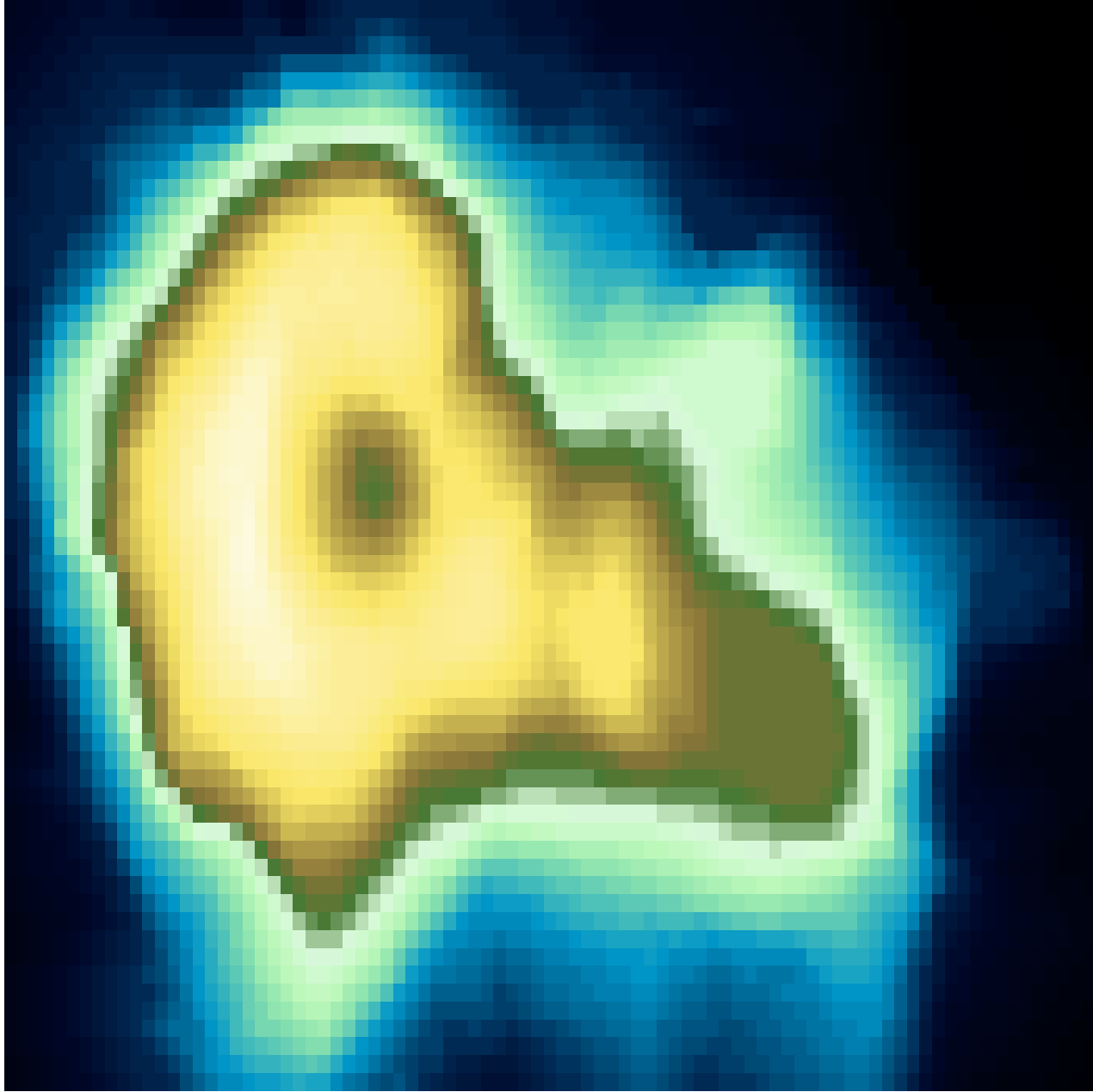
**Original**

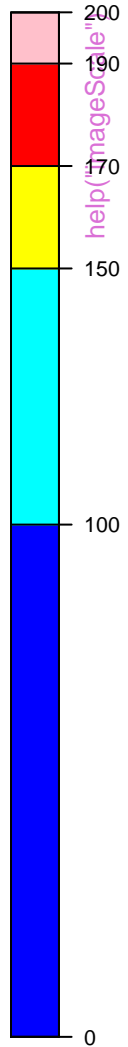
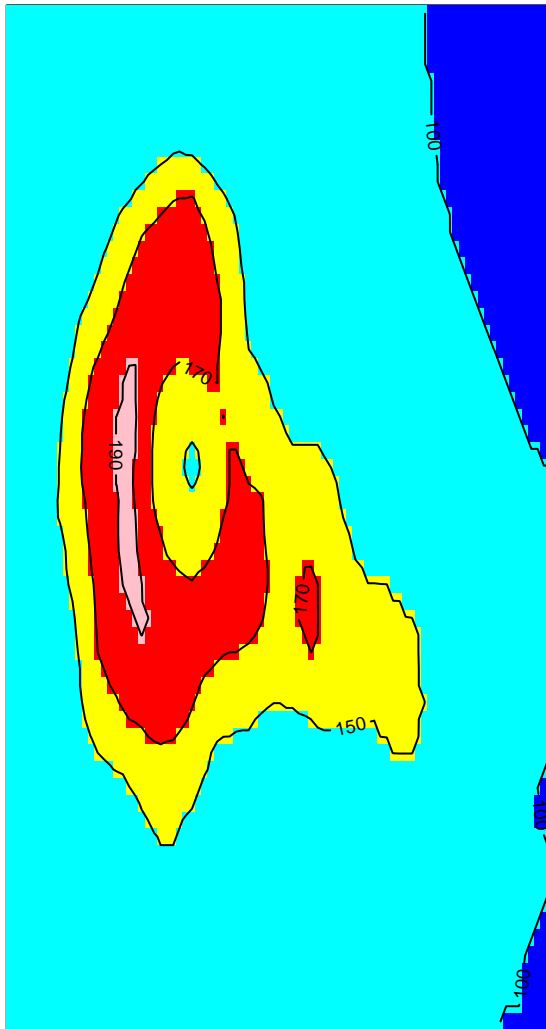
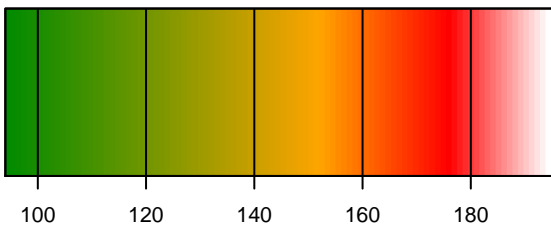
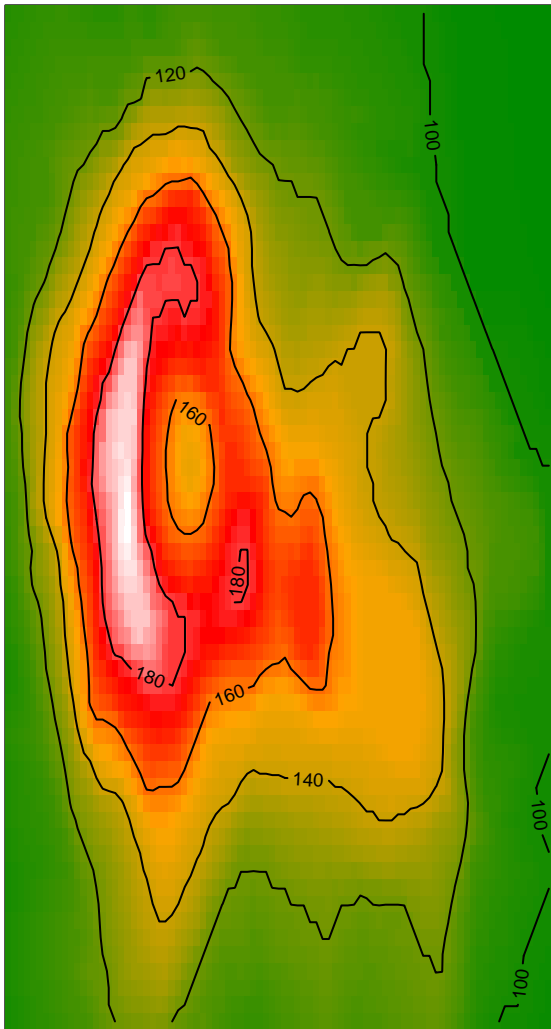


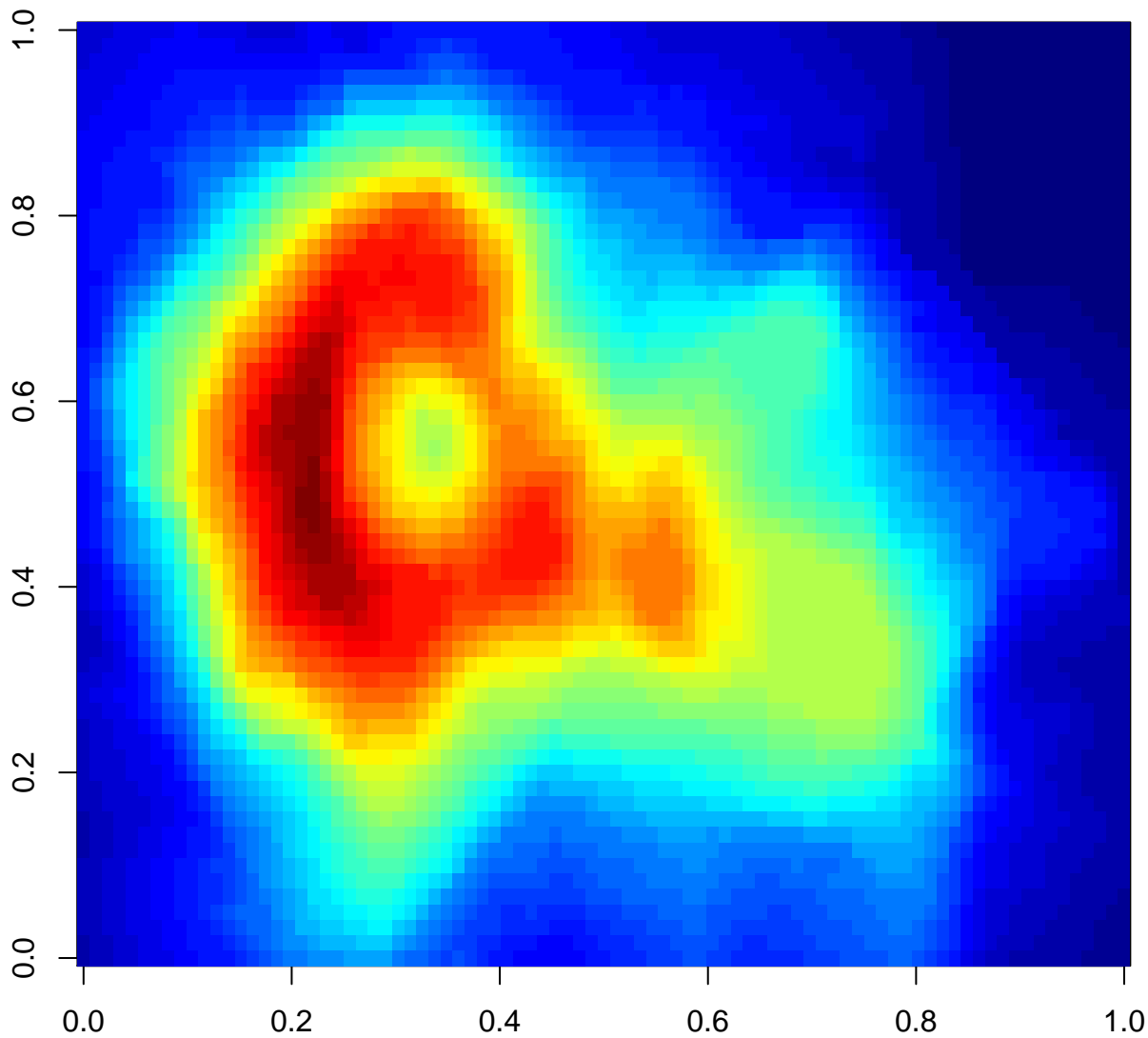
**Anomaly**





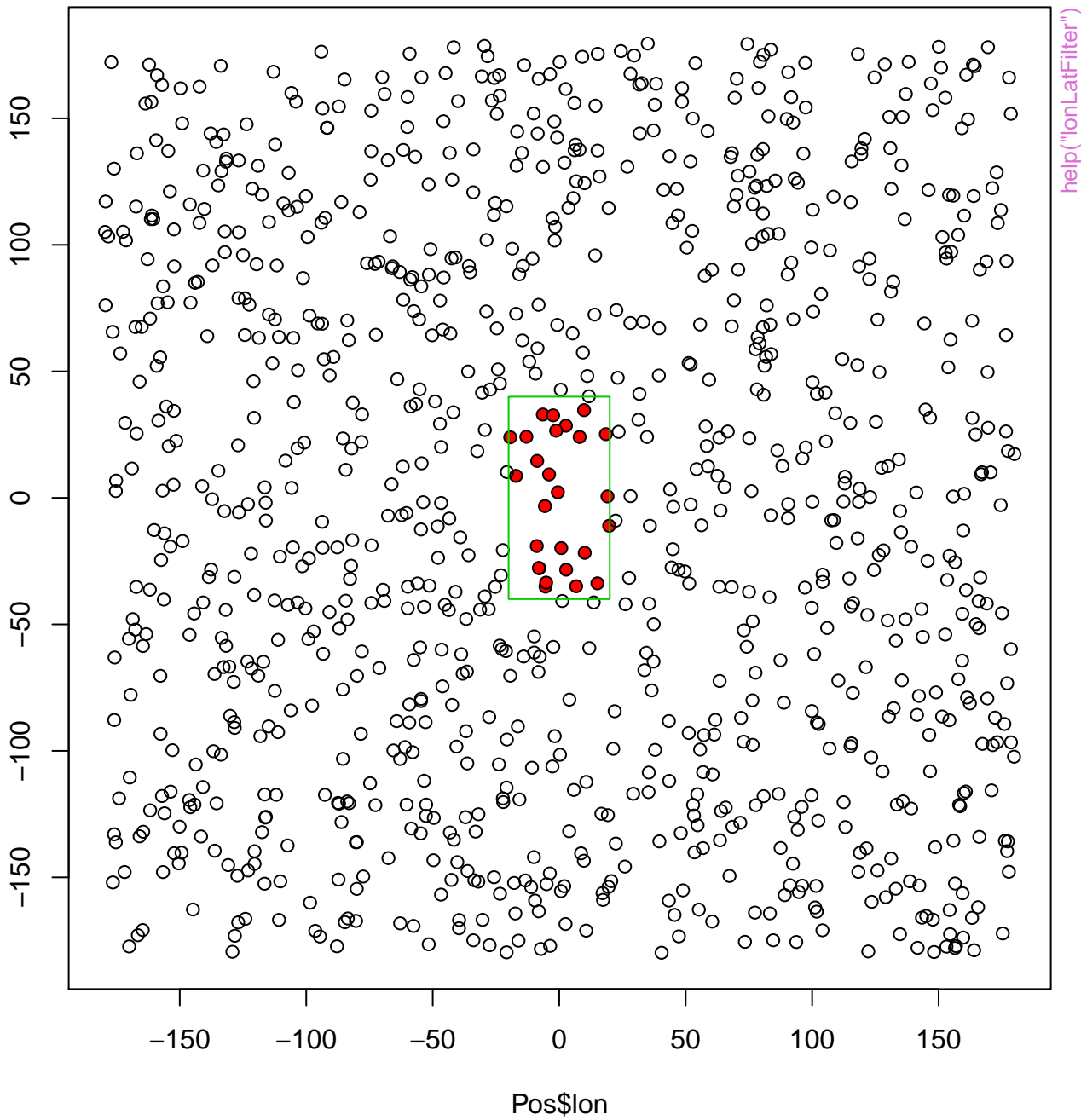






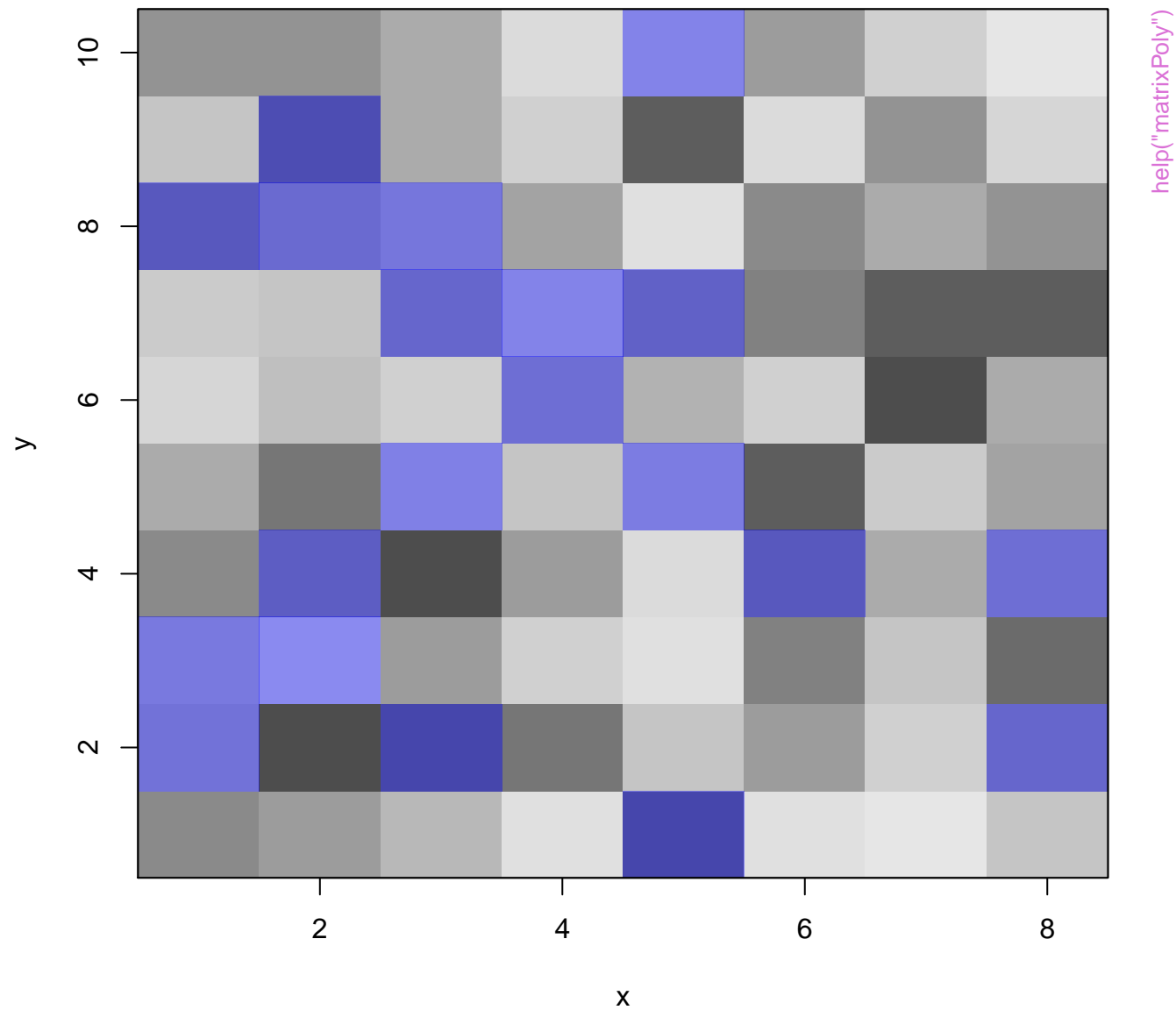
`help("jetPal")`

Pos\$lat

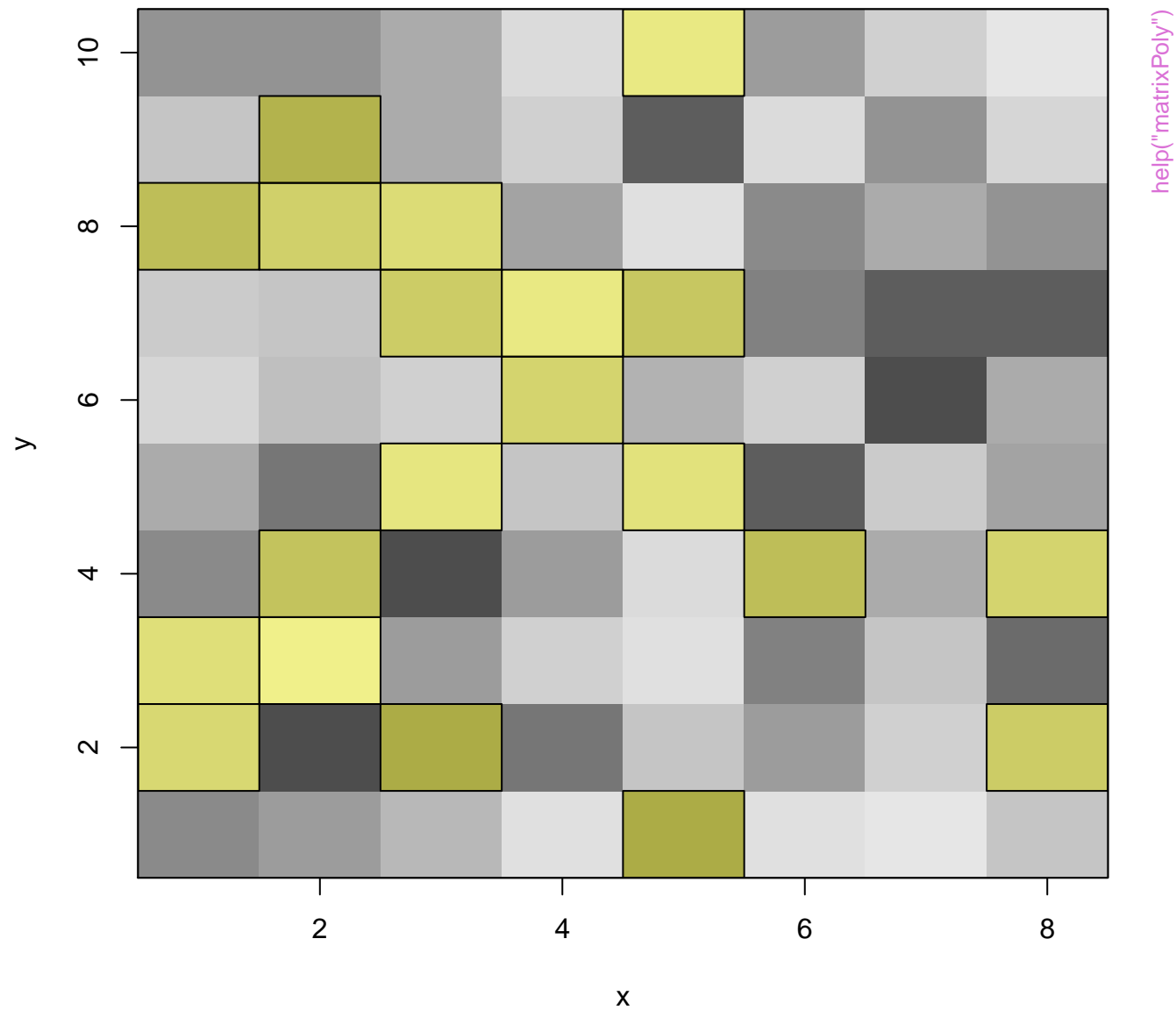


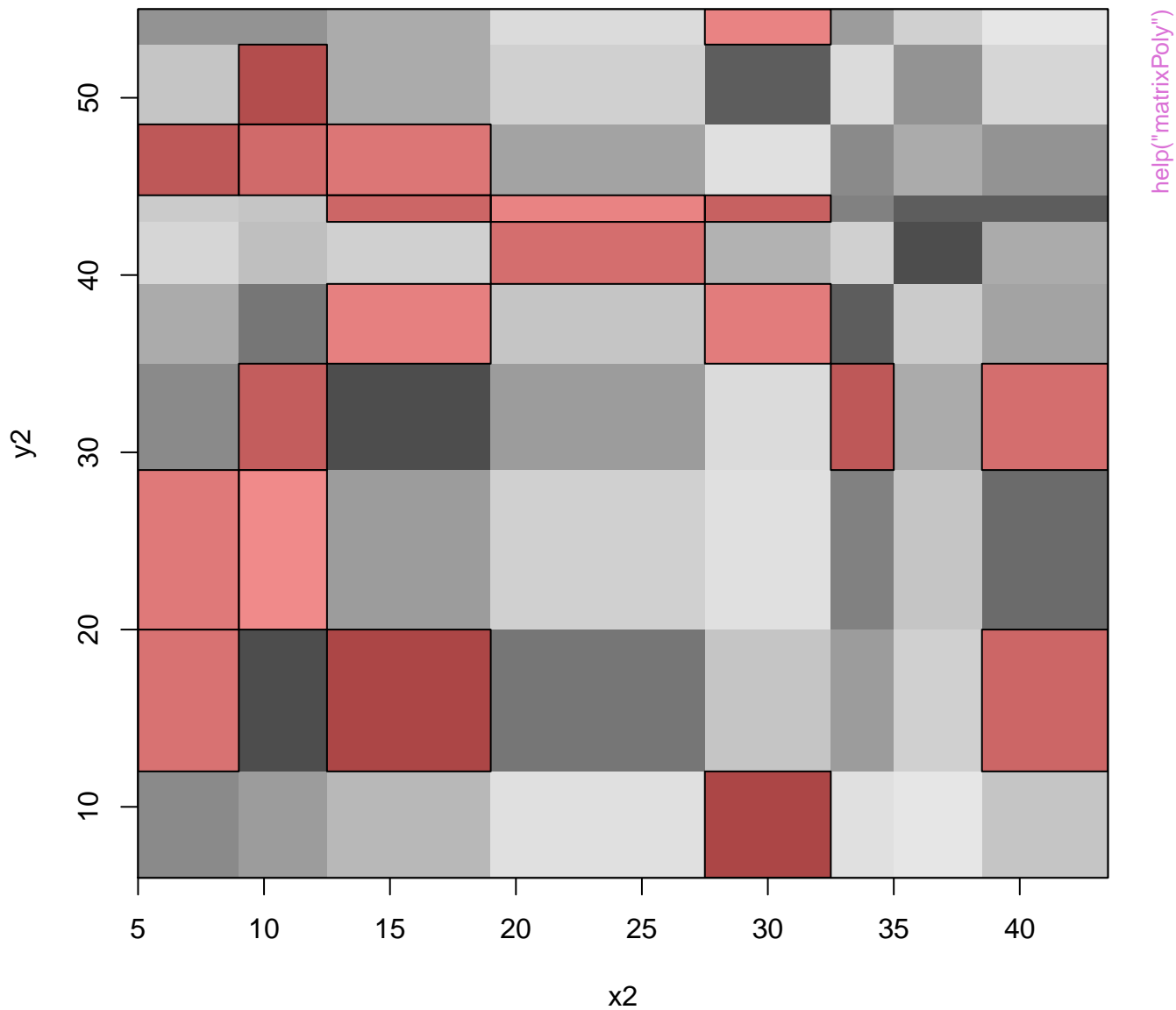
Pos\$lon

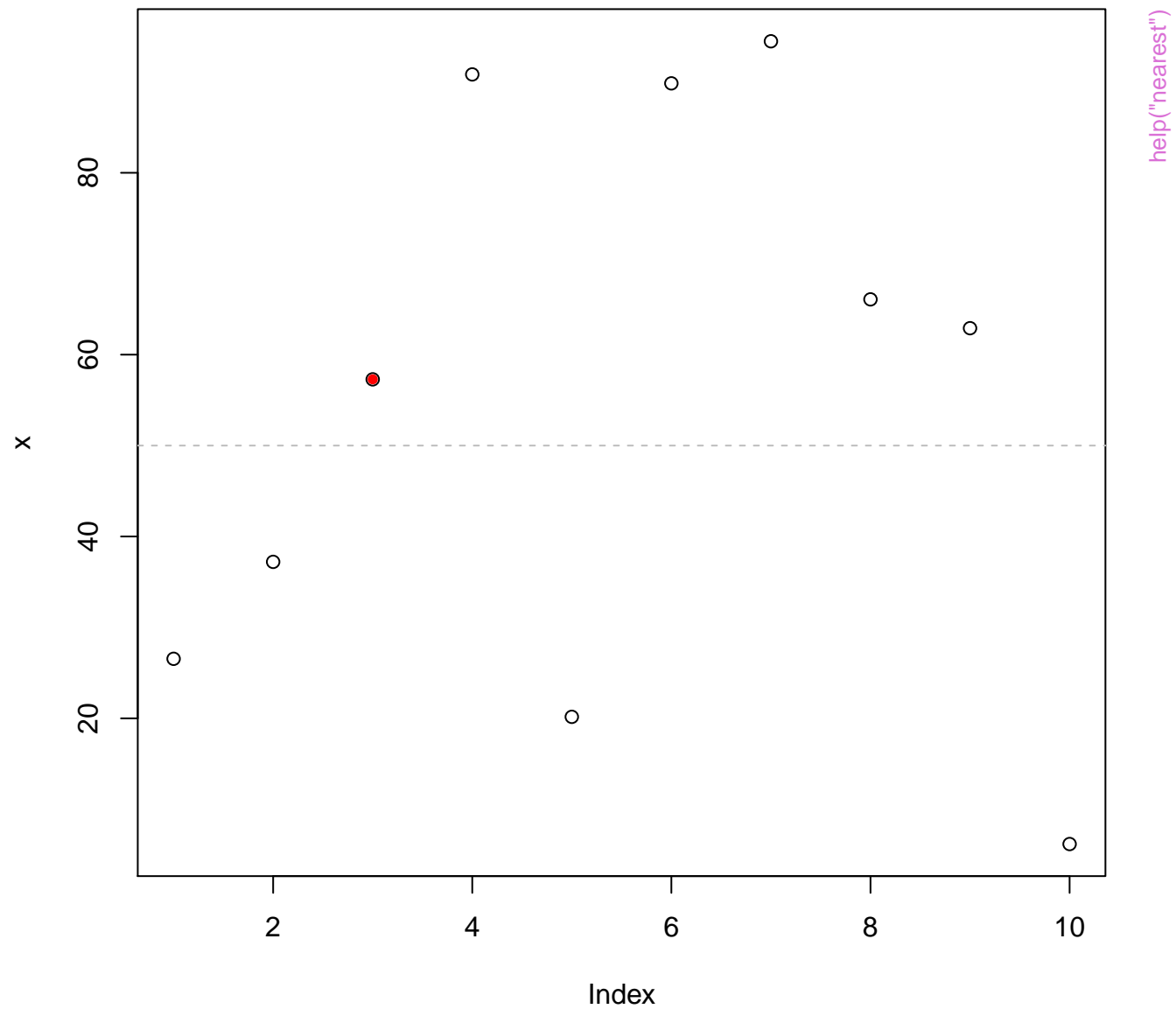
help("IonLatFilter")

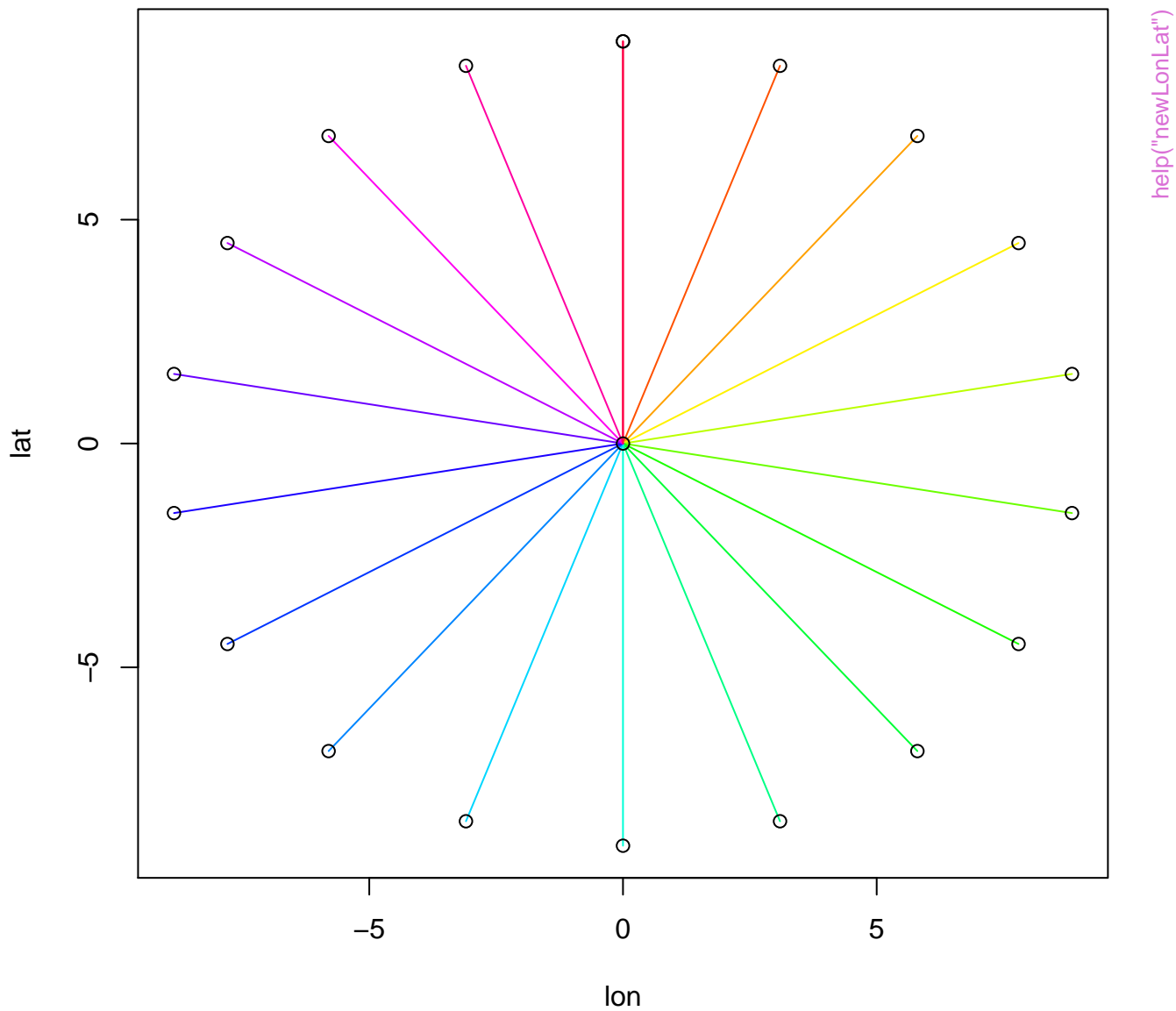


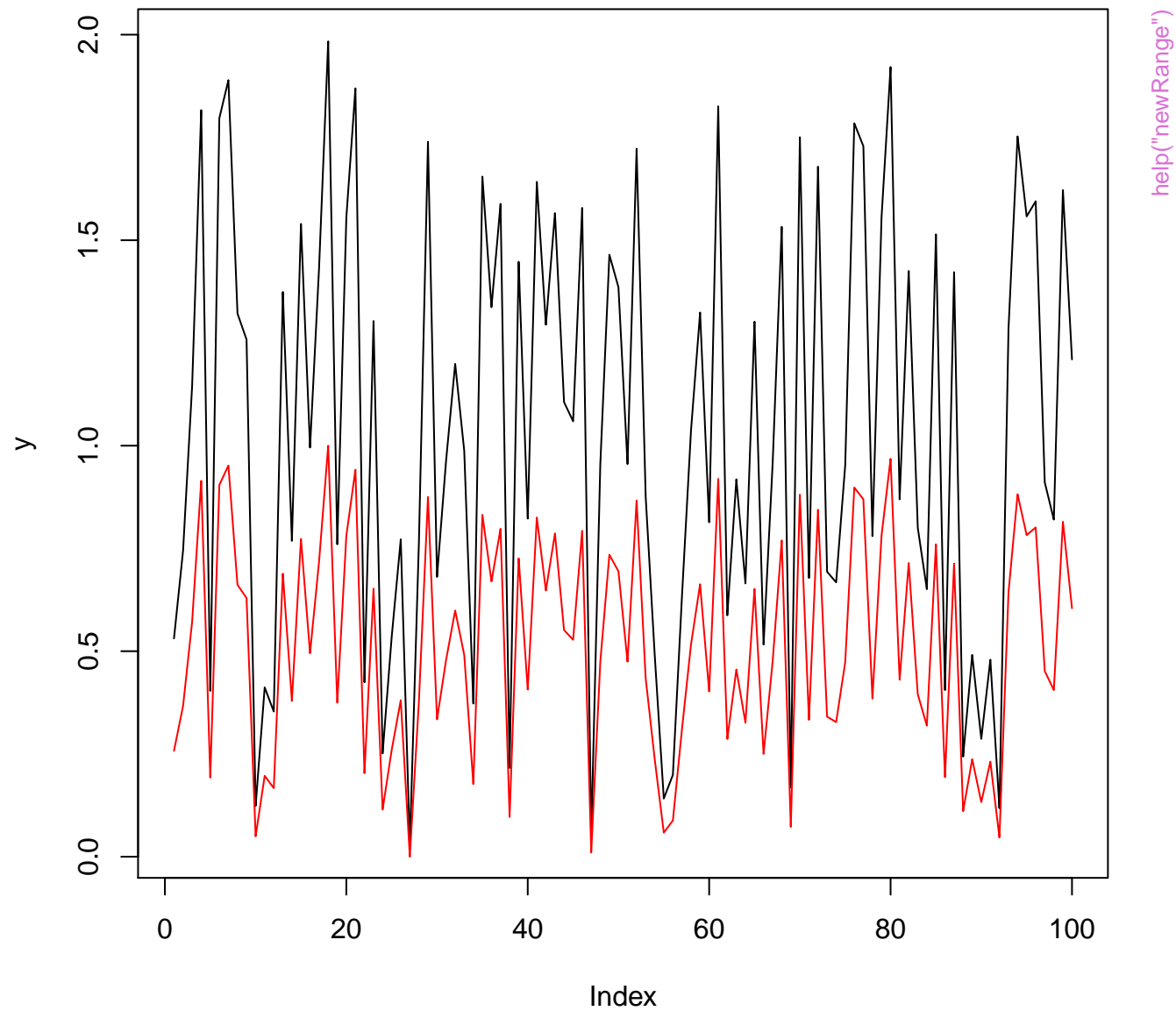


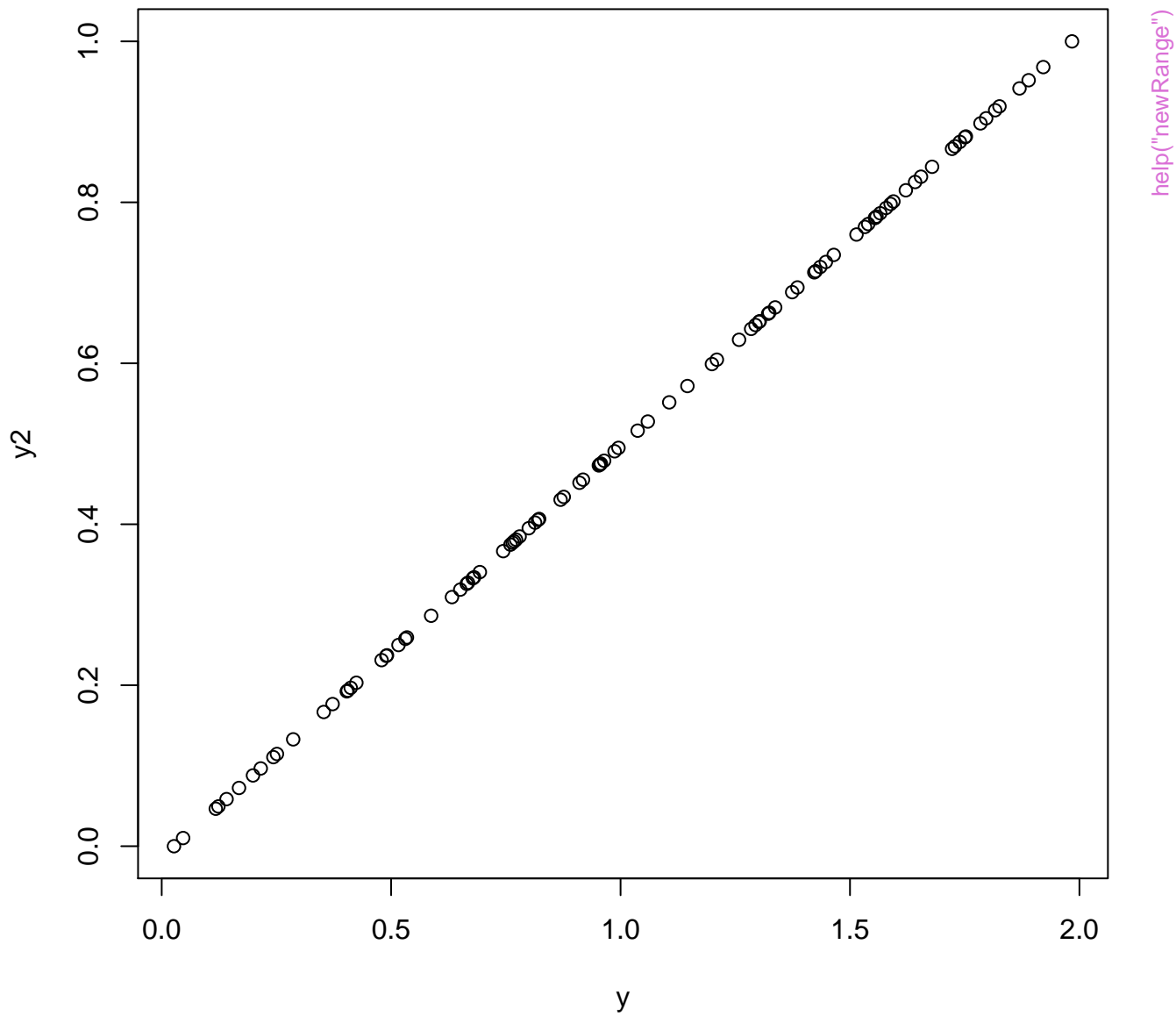




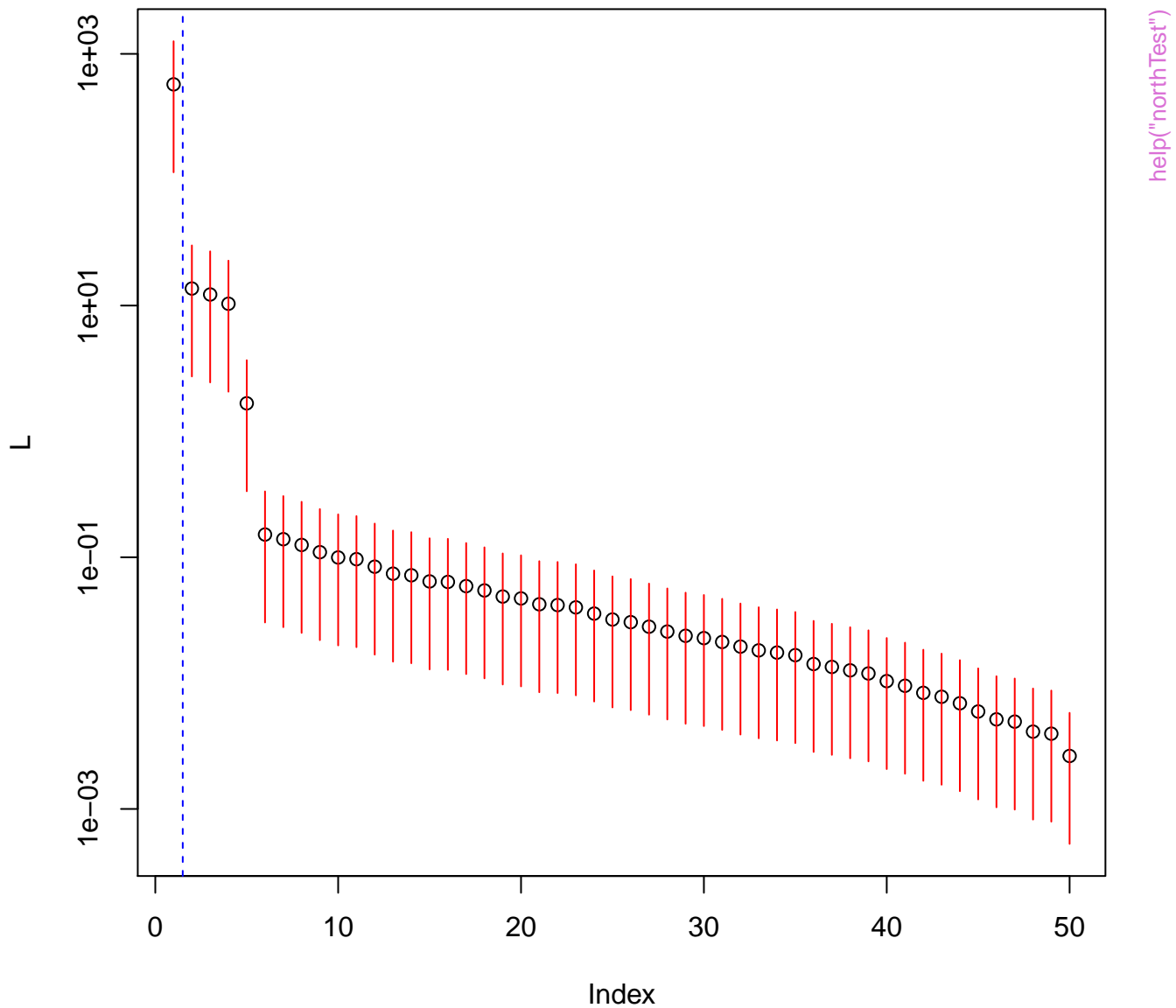




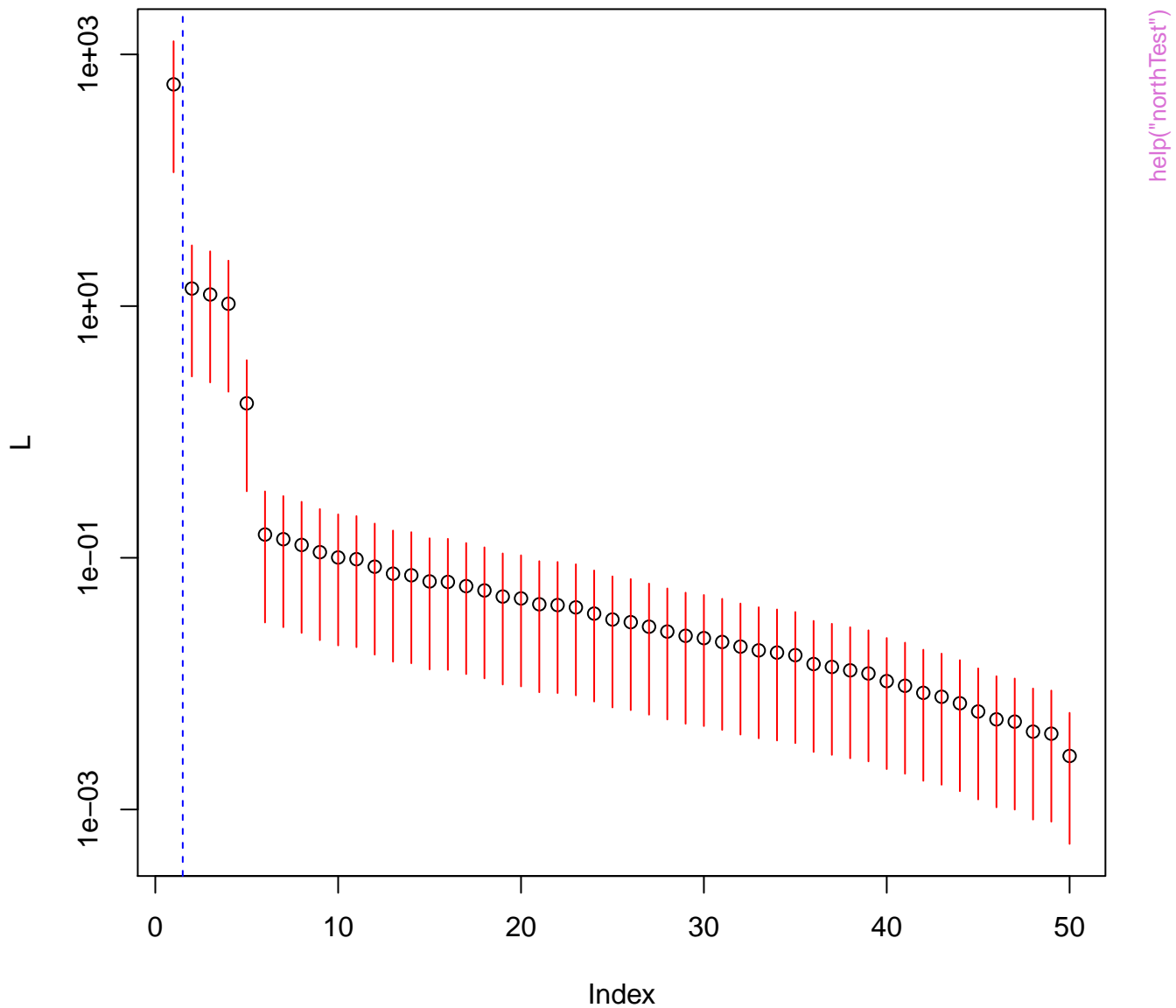




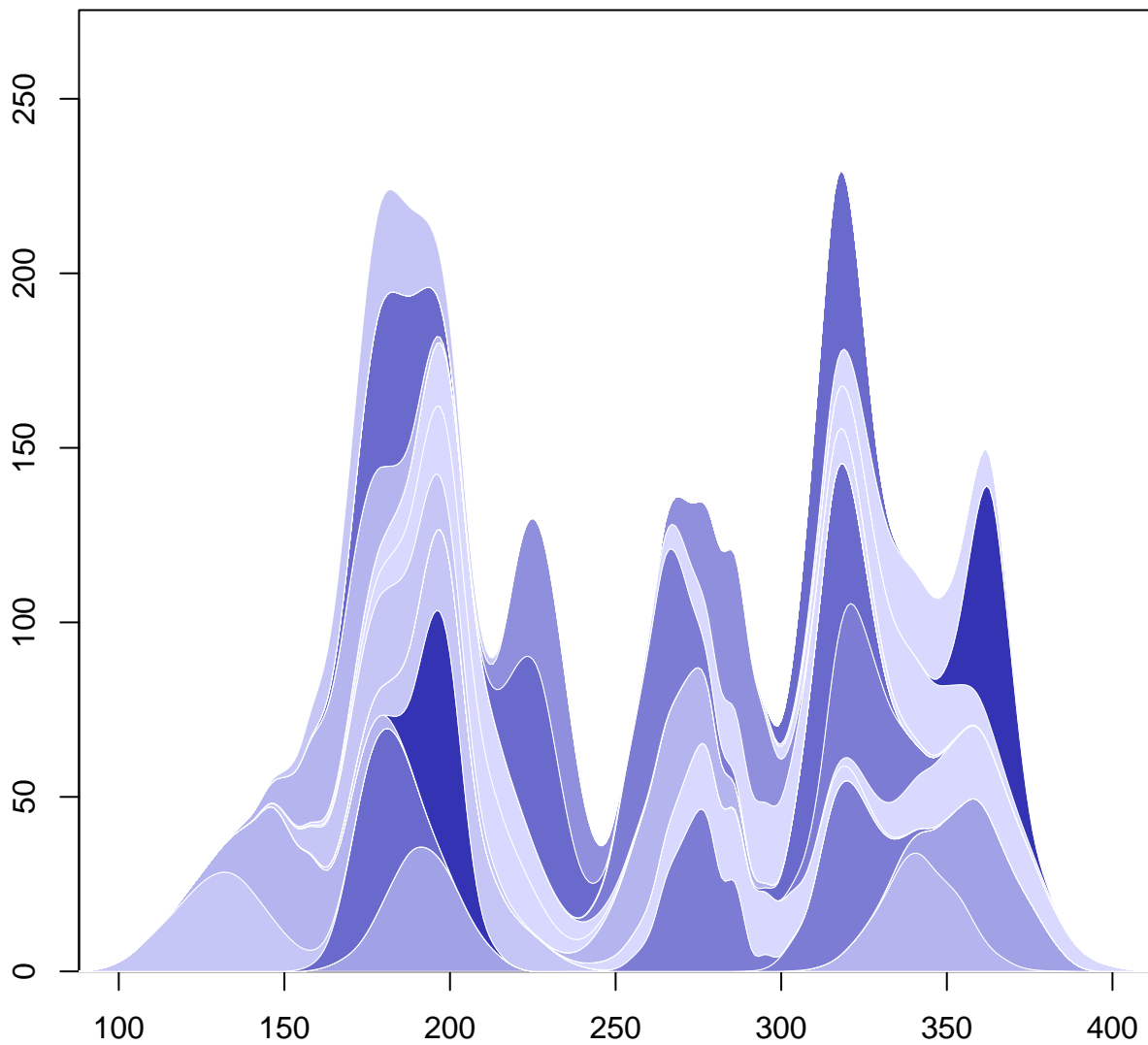
Non-mixed PCs = 1



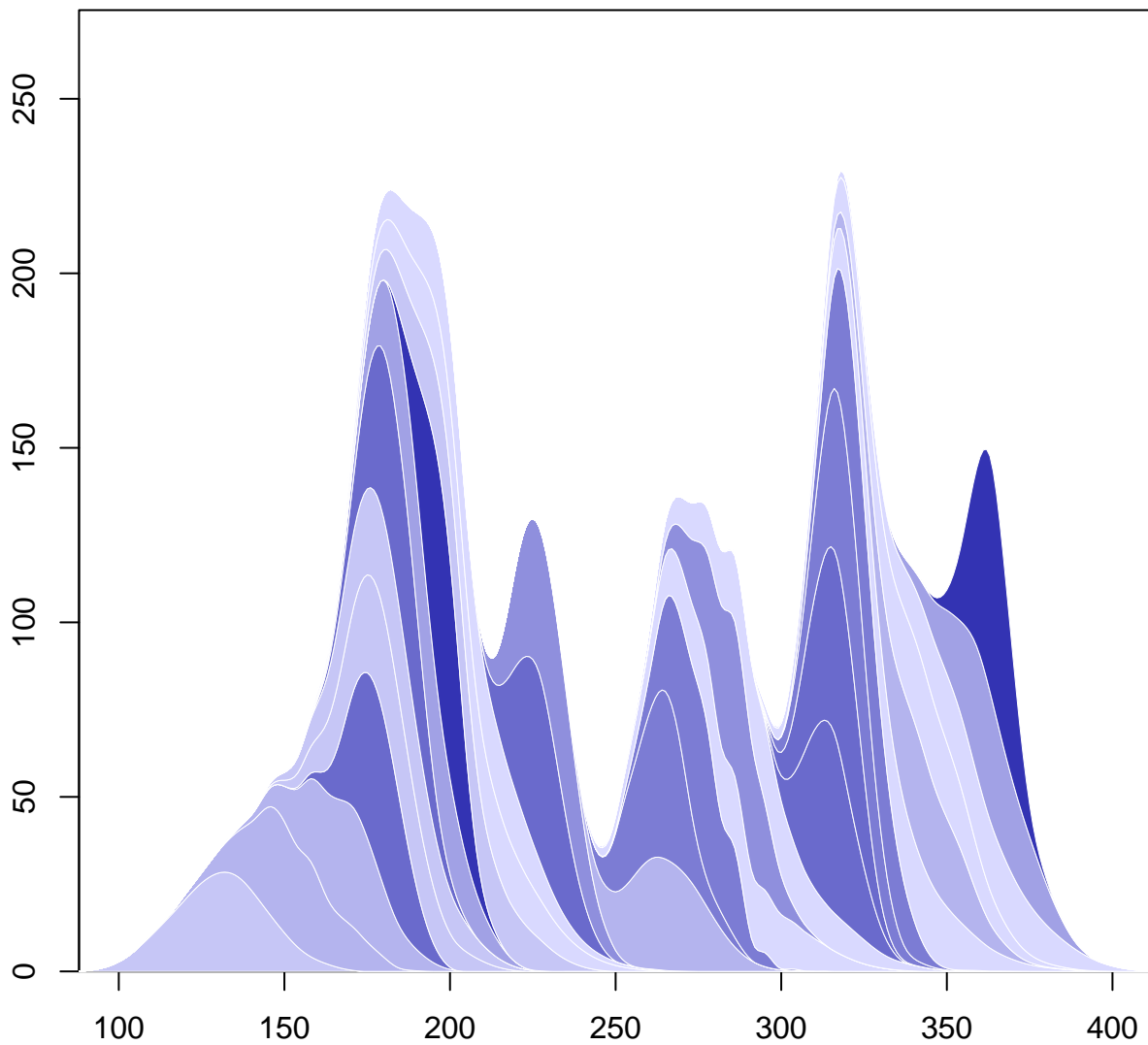
Non-mixed PCs = 1



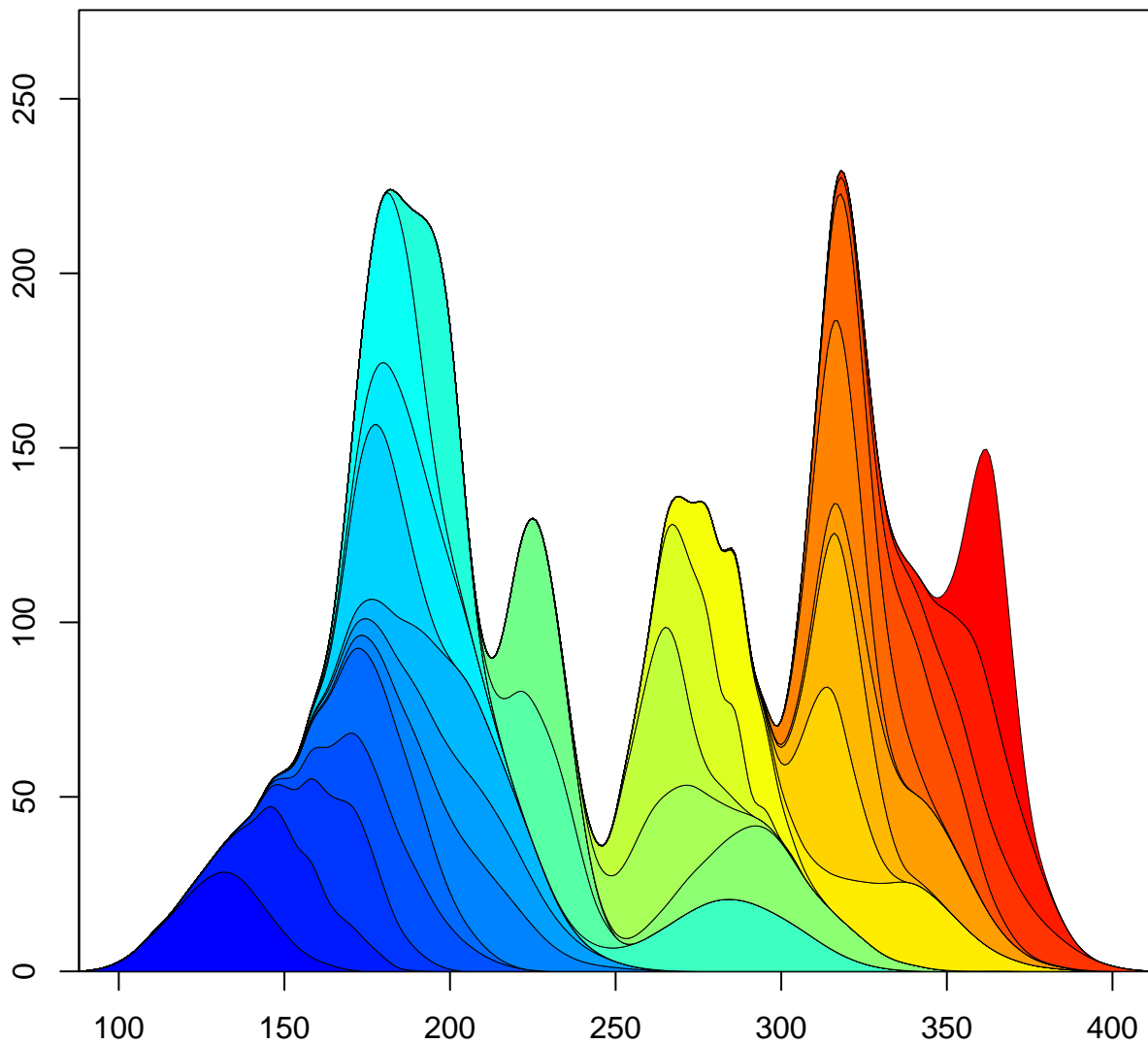




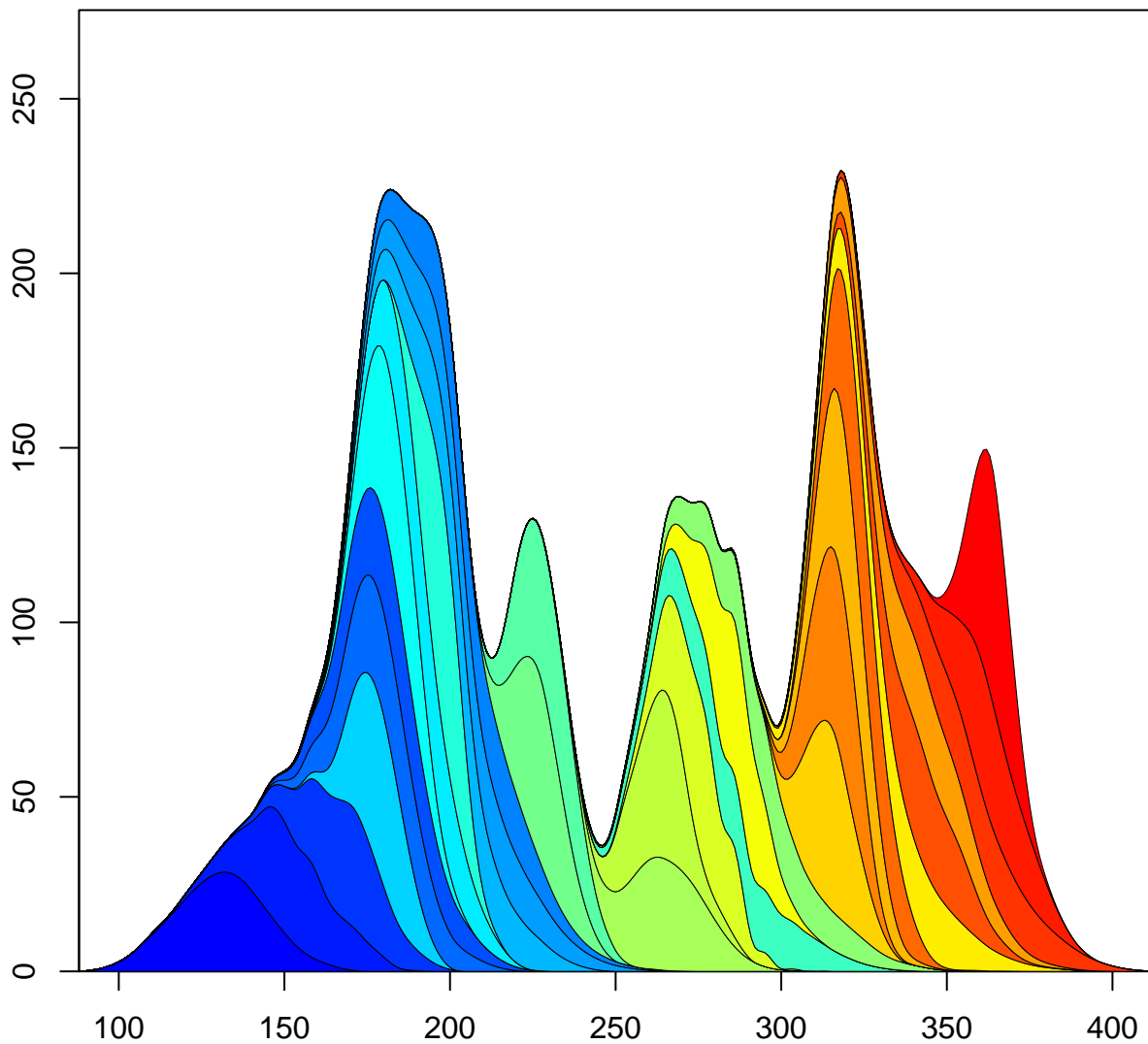
`help("plotStacked")`



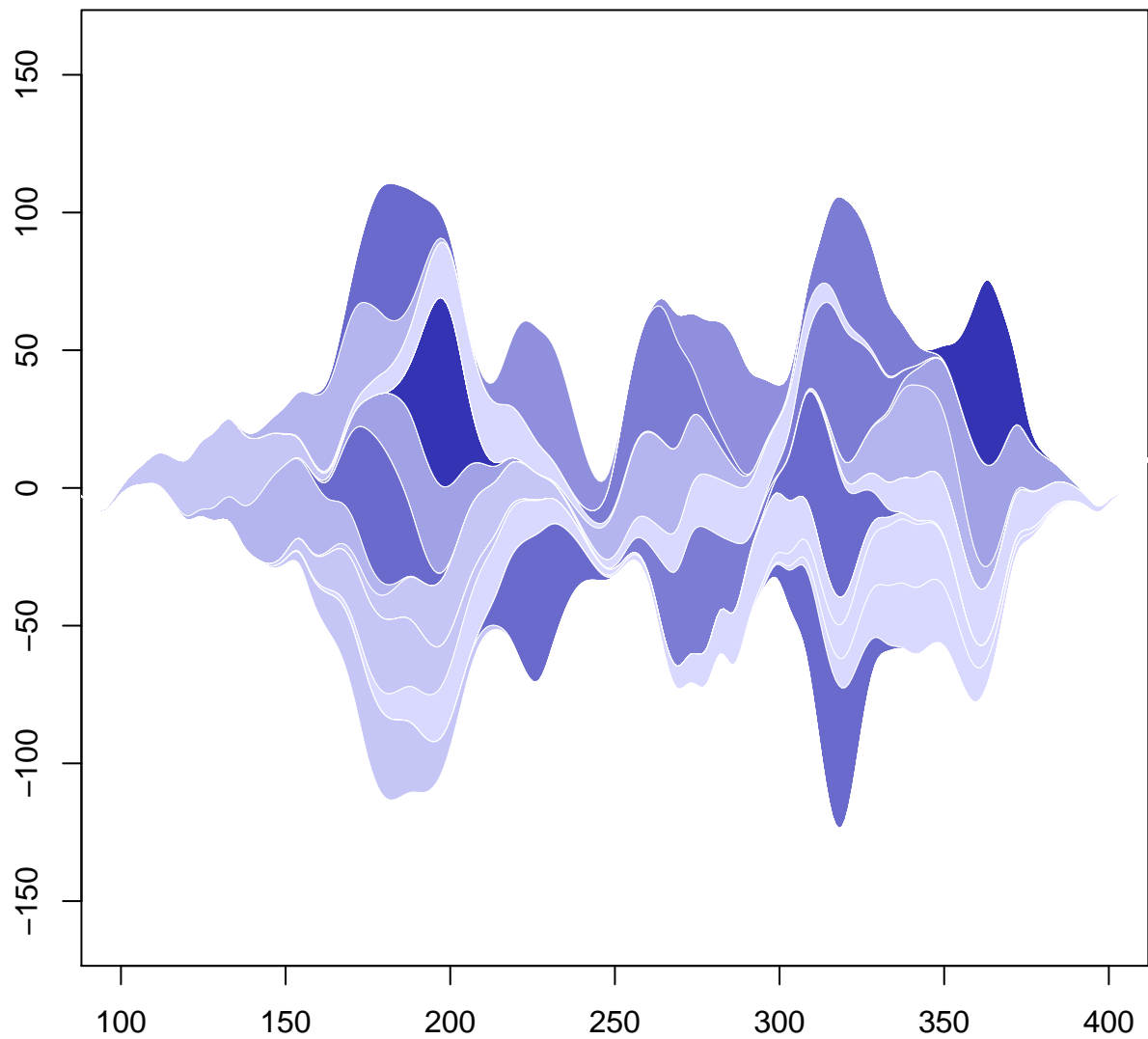
`help("plotStacked")`



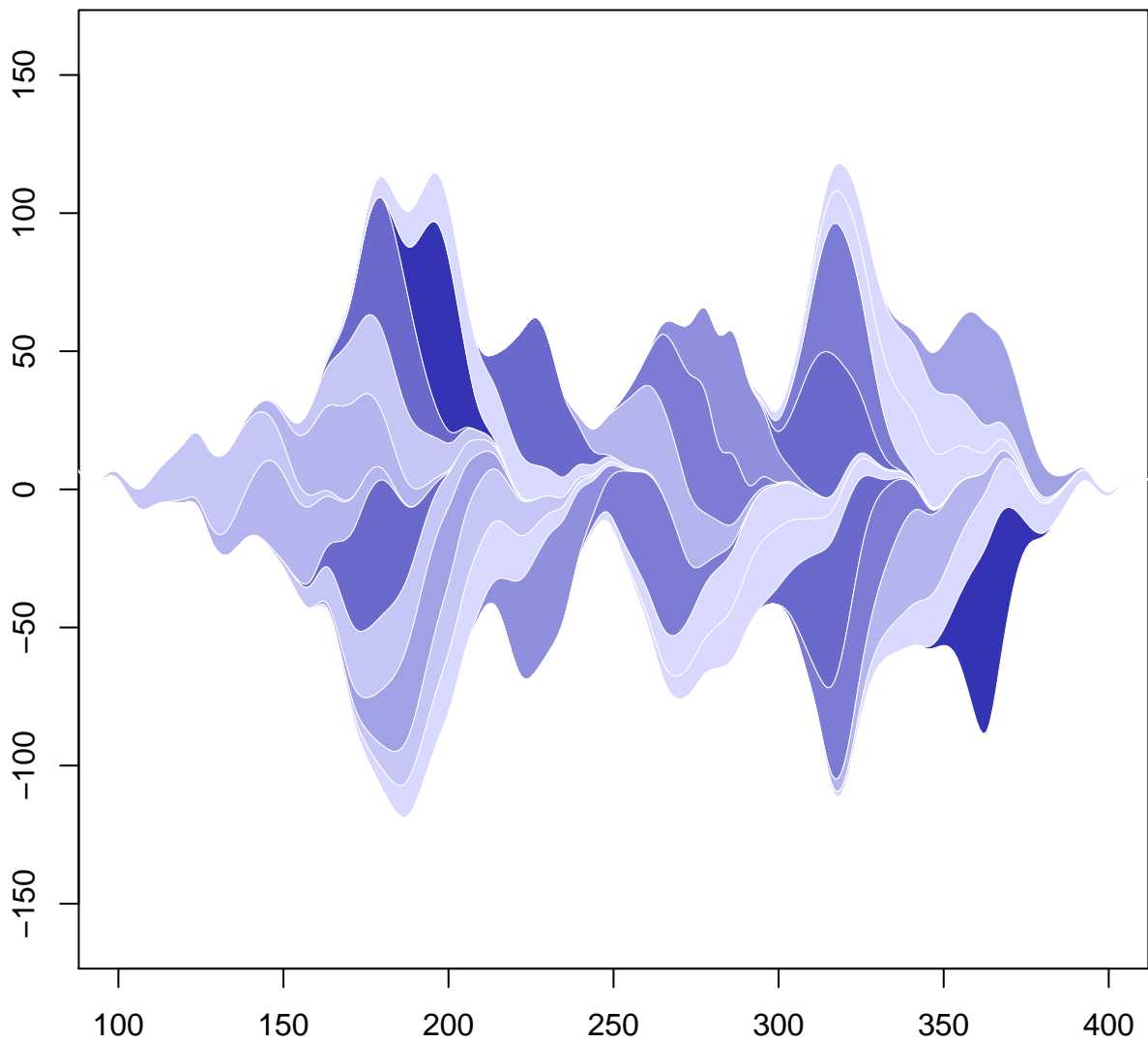
help("plotStacked")



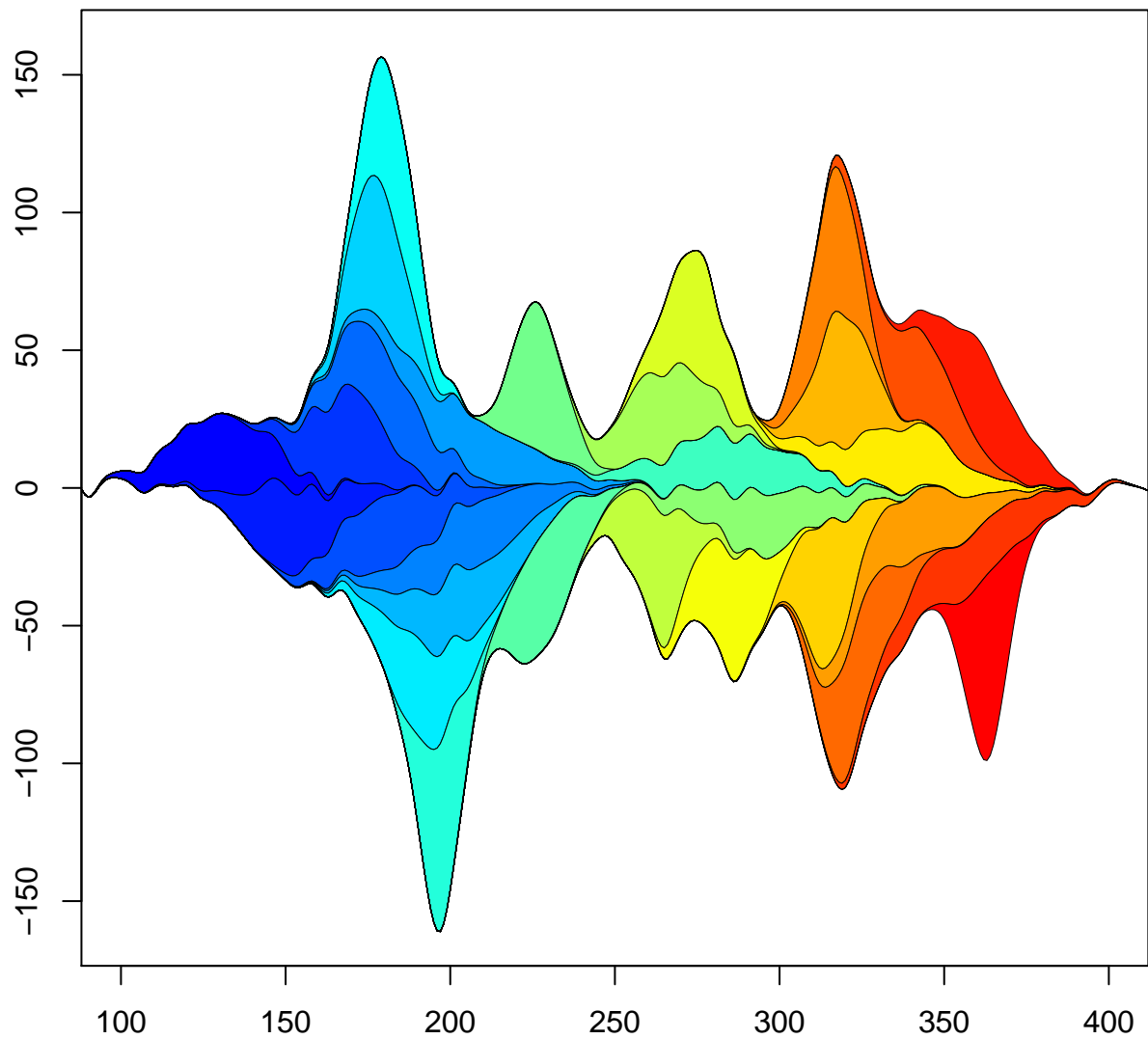
[help\("plotStacked"\)](#)



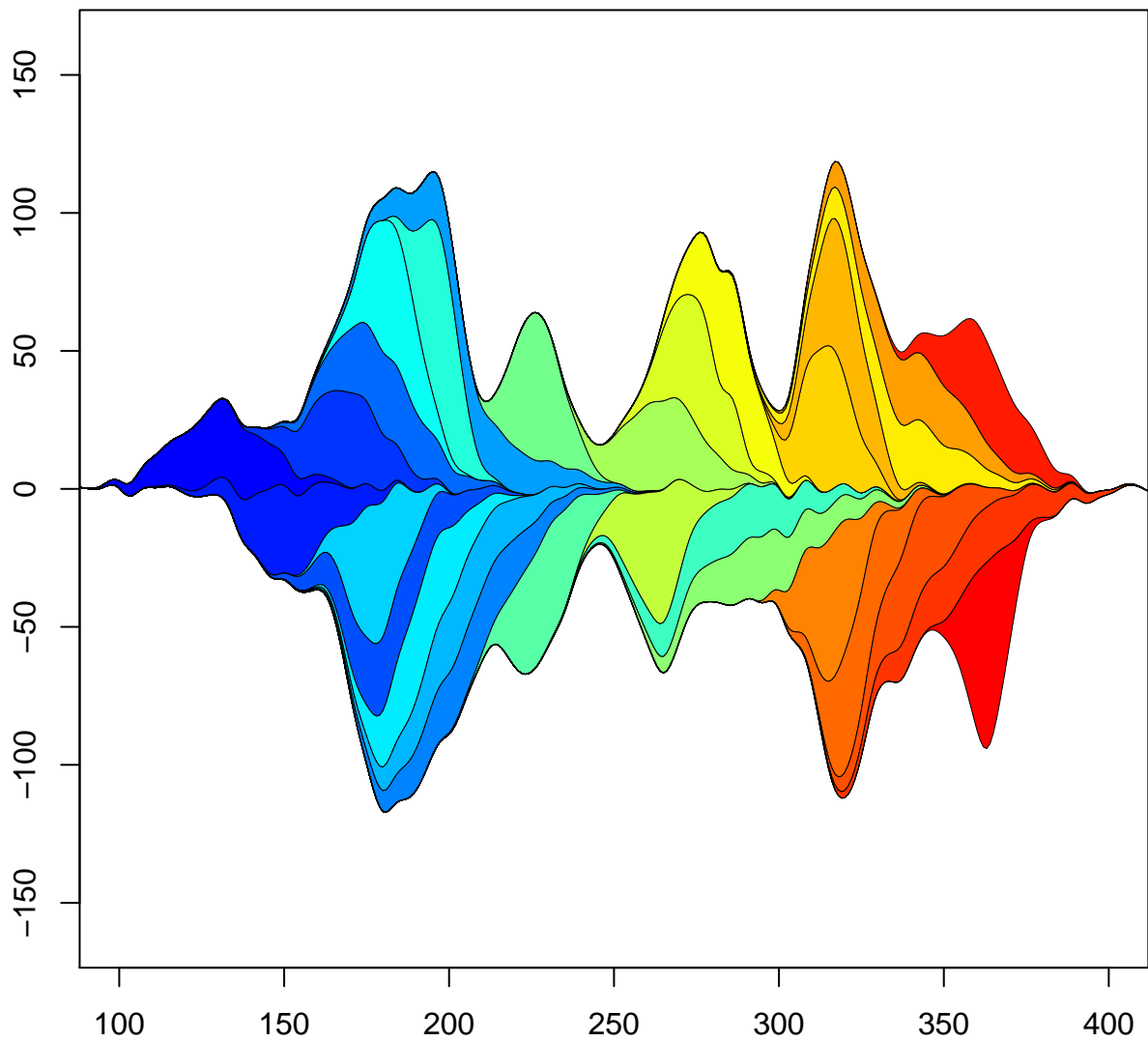
`help("plotStream")`



help("plotStream")

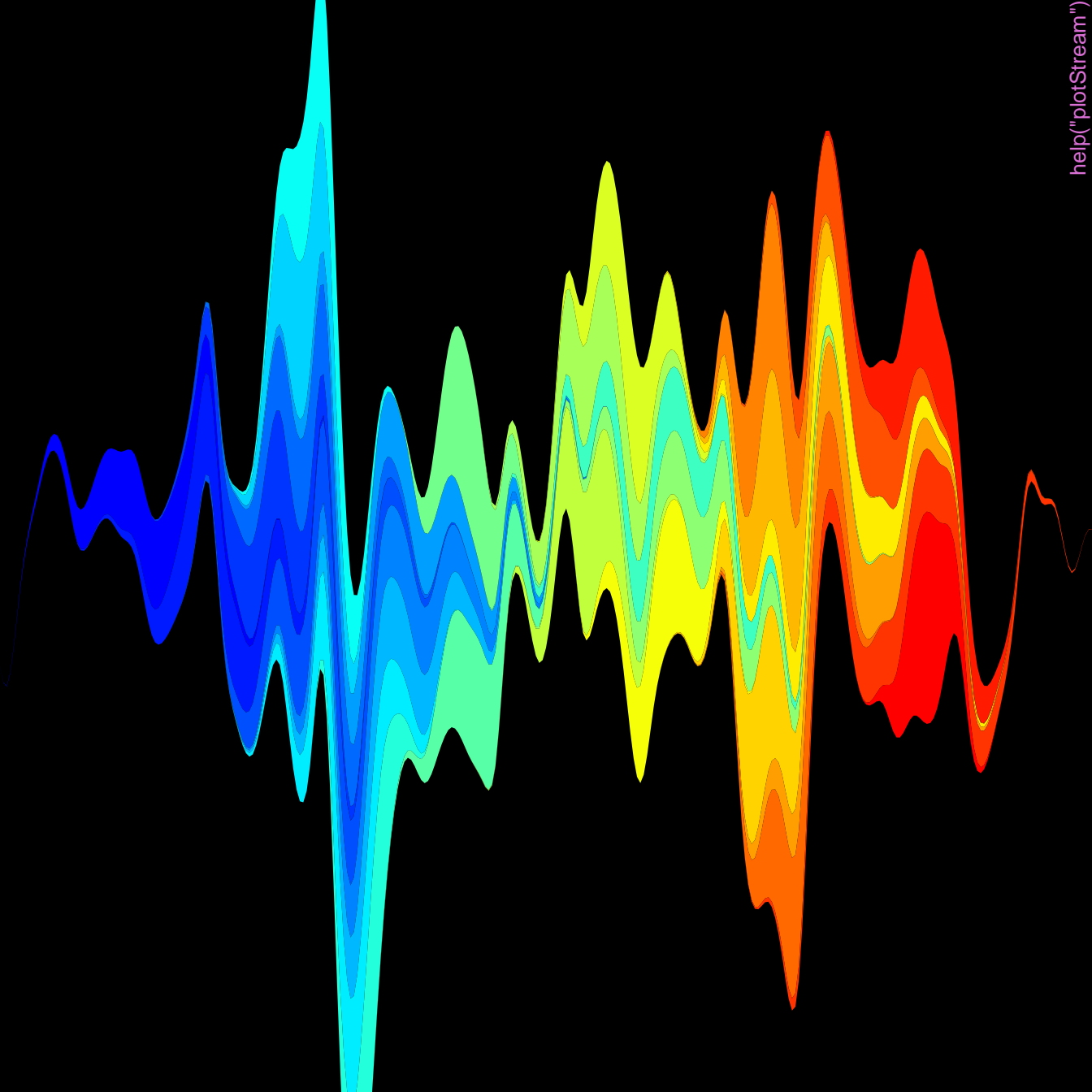


`help("plotStream")`

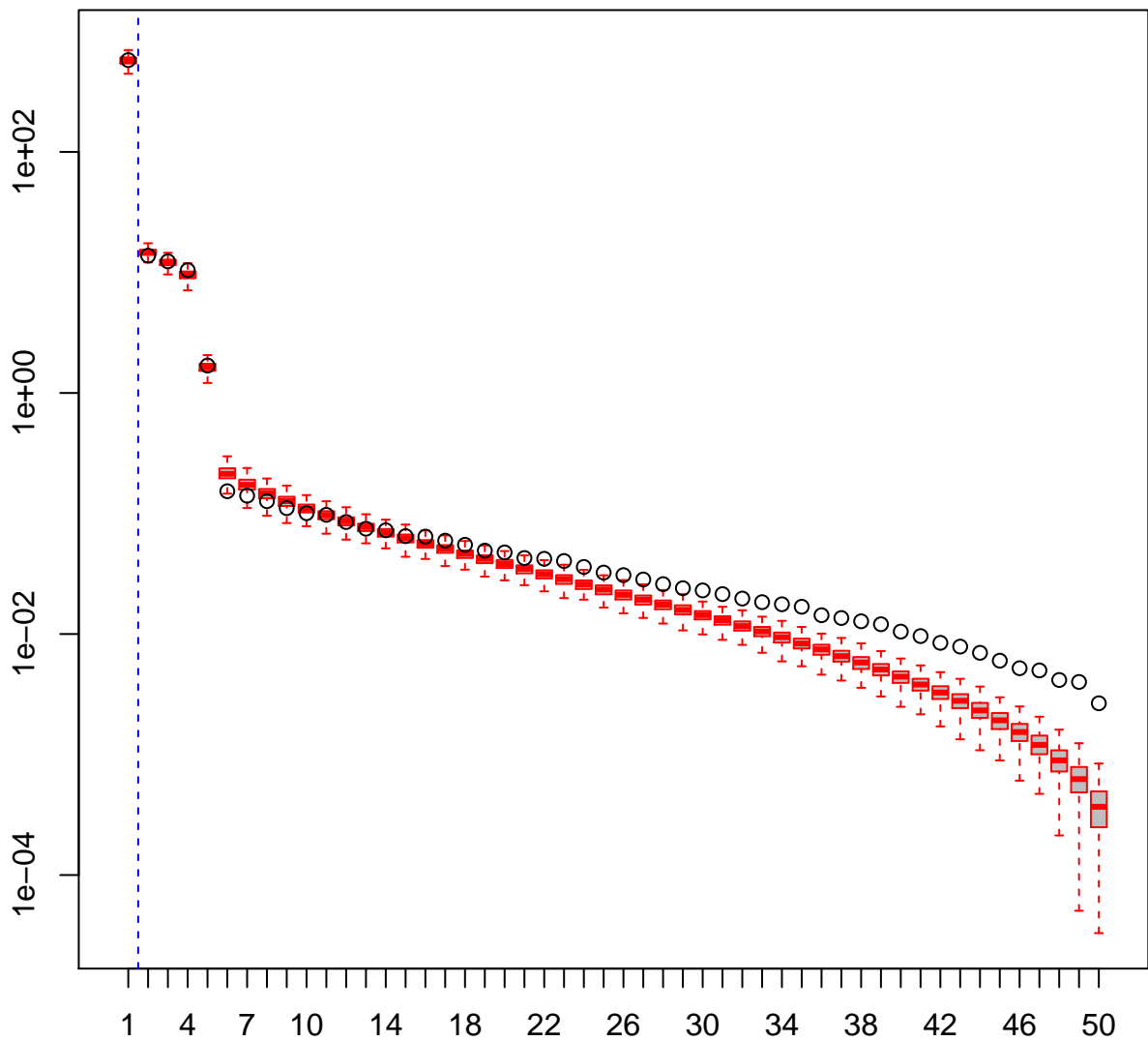


`help("plotStream")`





Non-mixed PCs = 1



help("prcompBoot")

Significant PCs = 4

