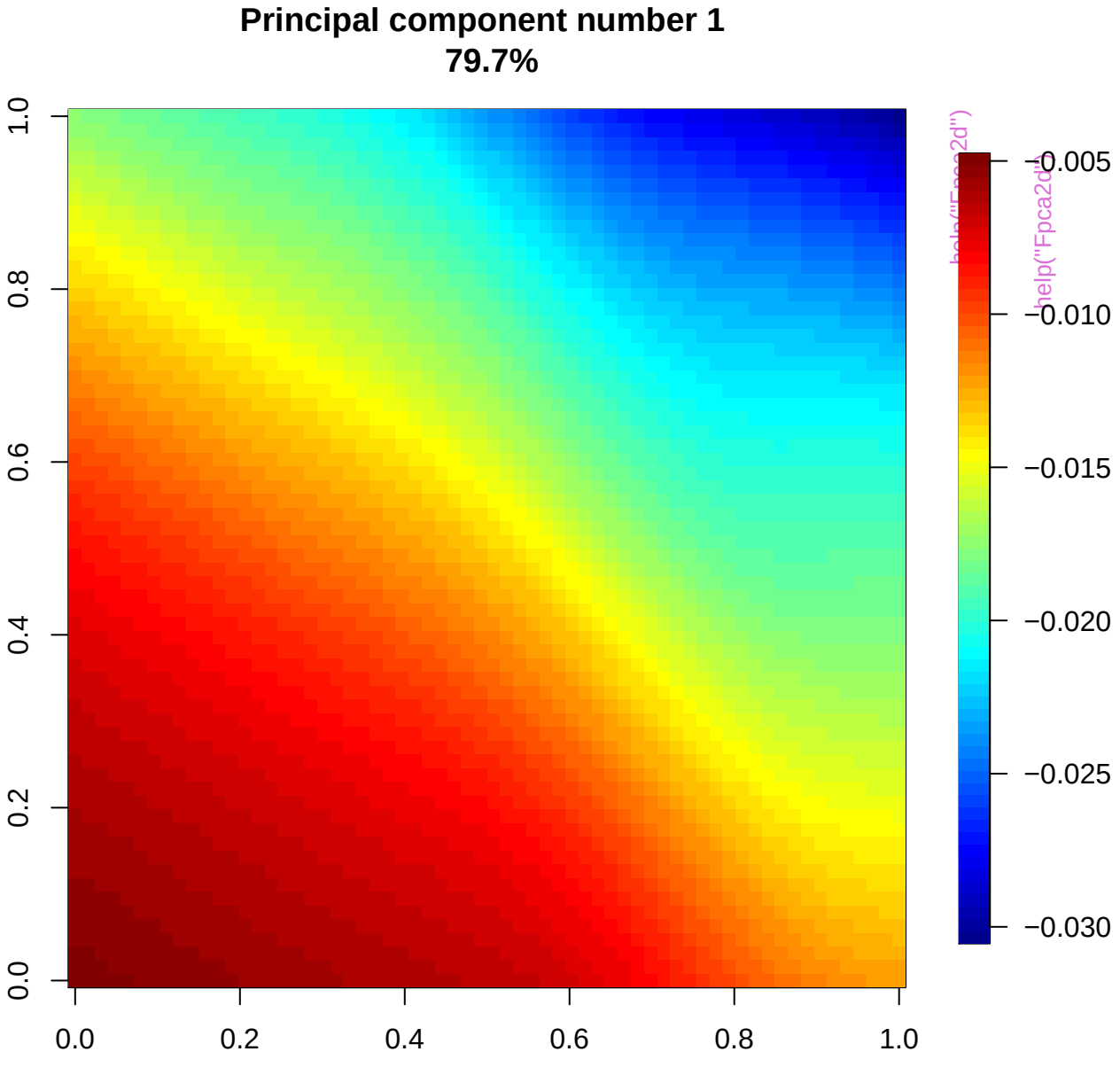
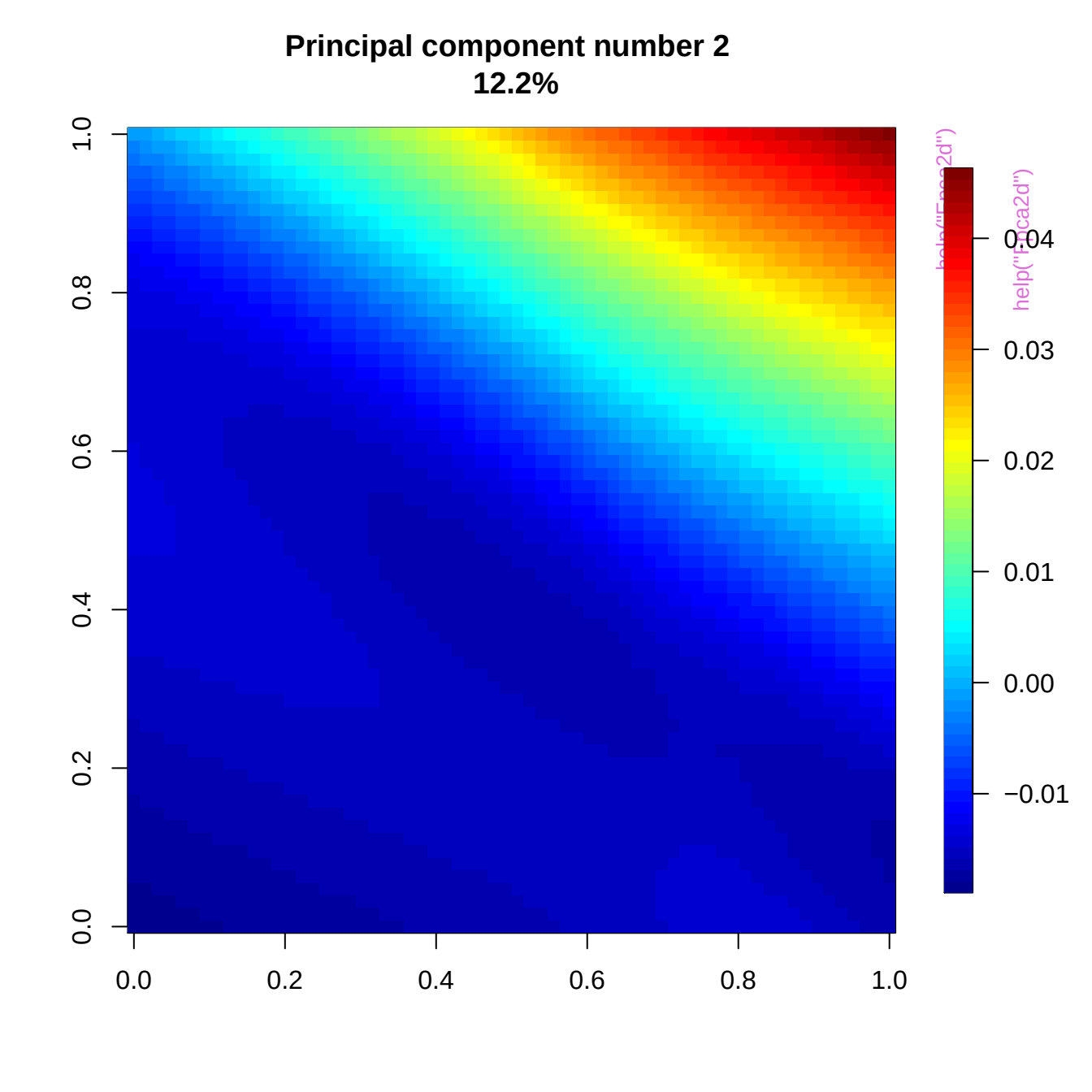
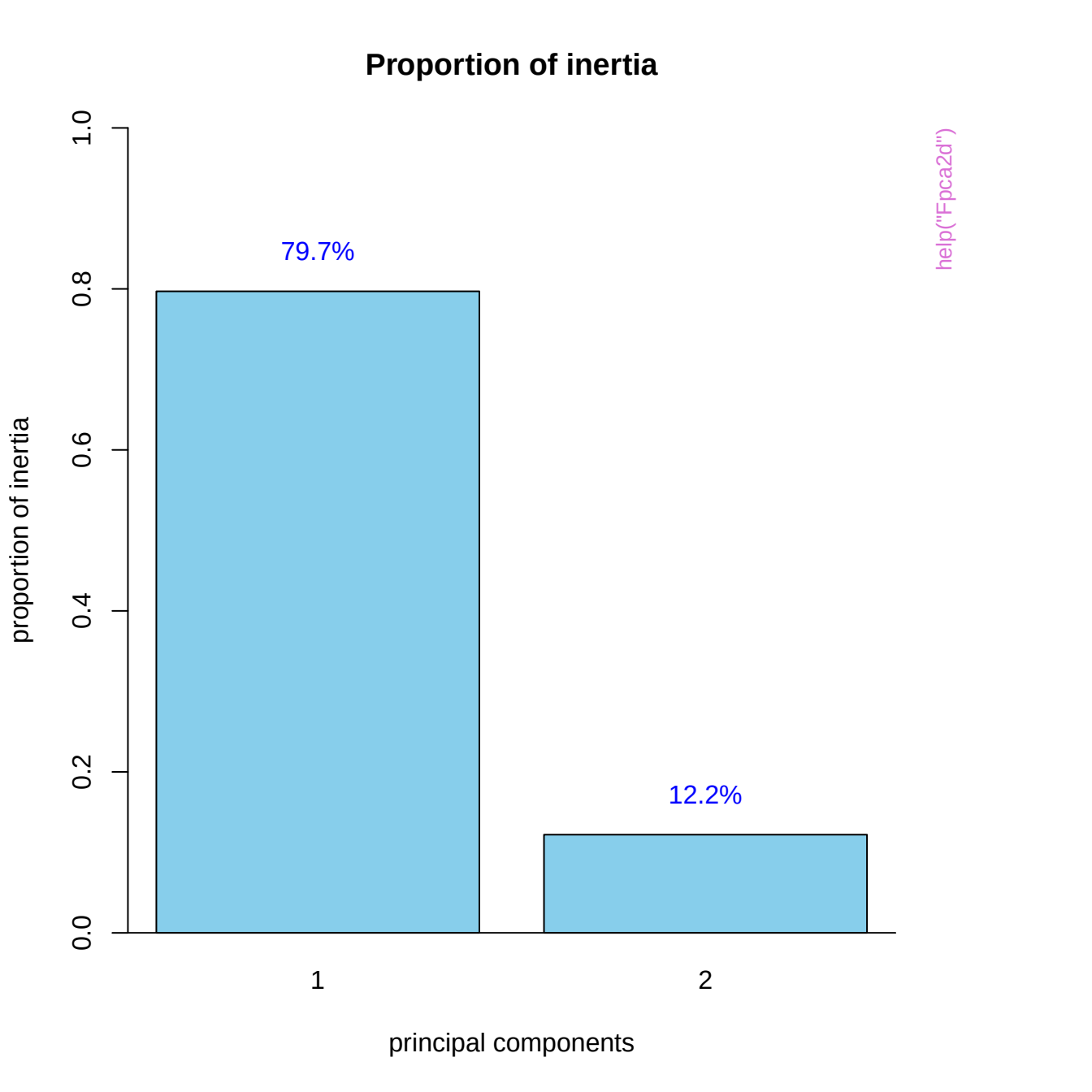
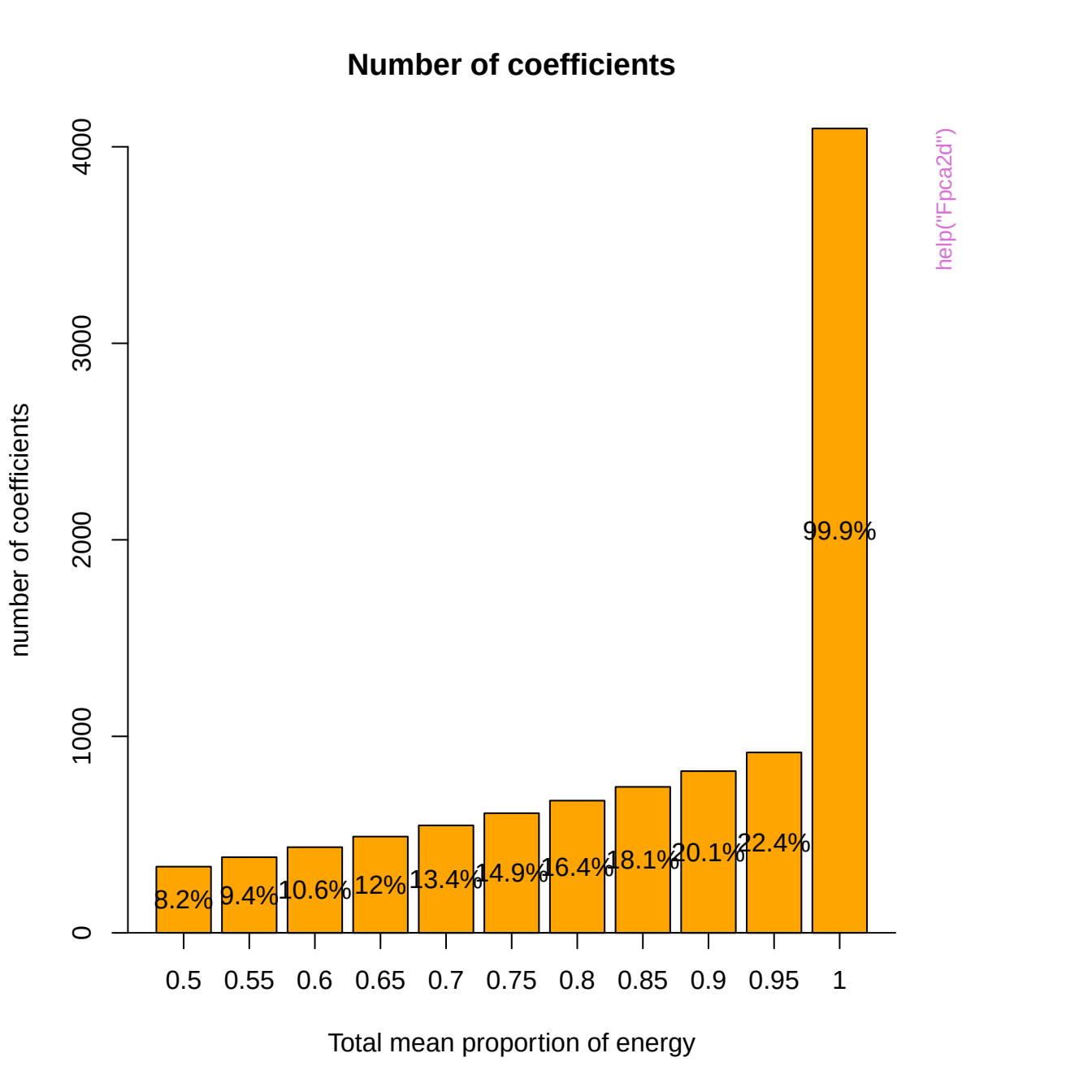
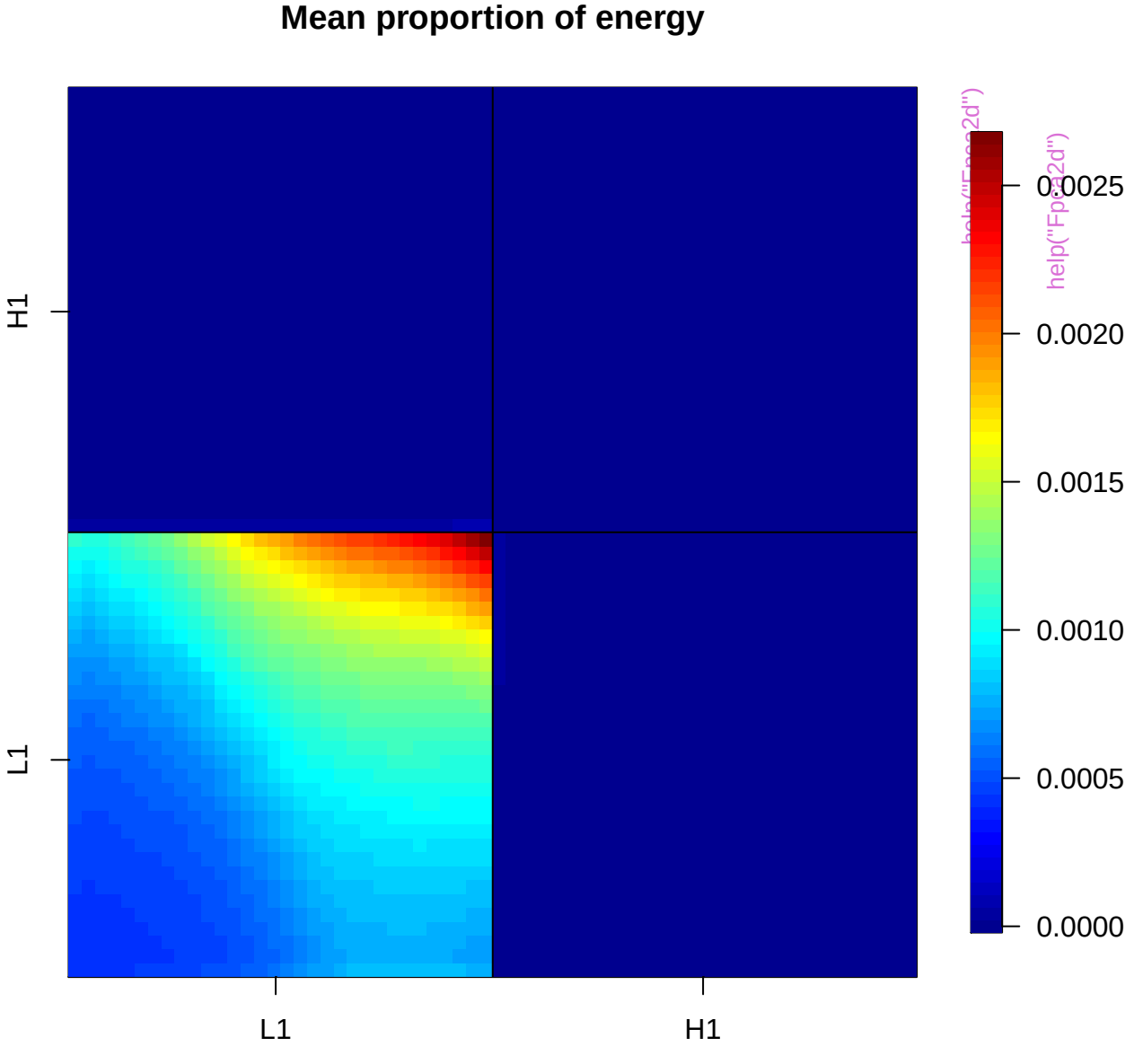
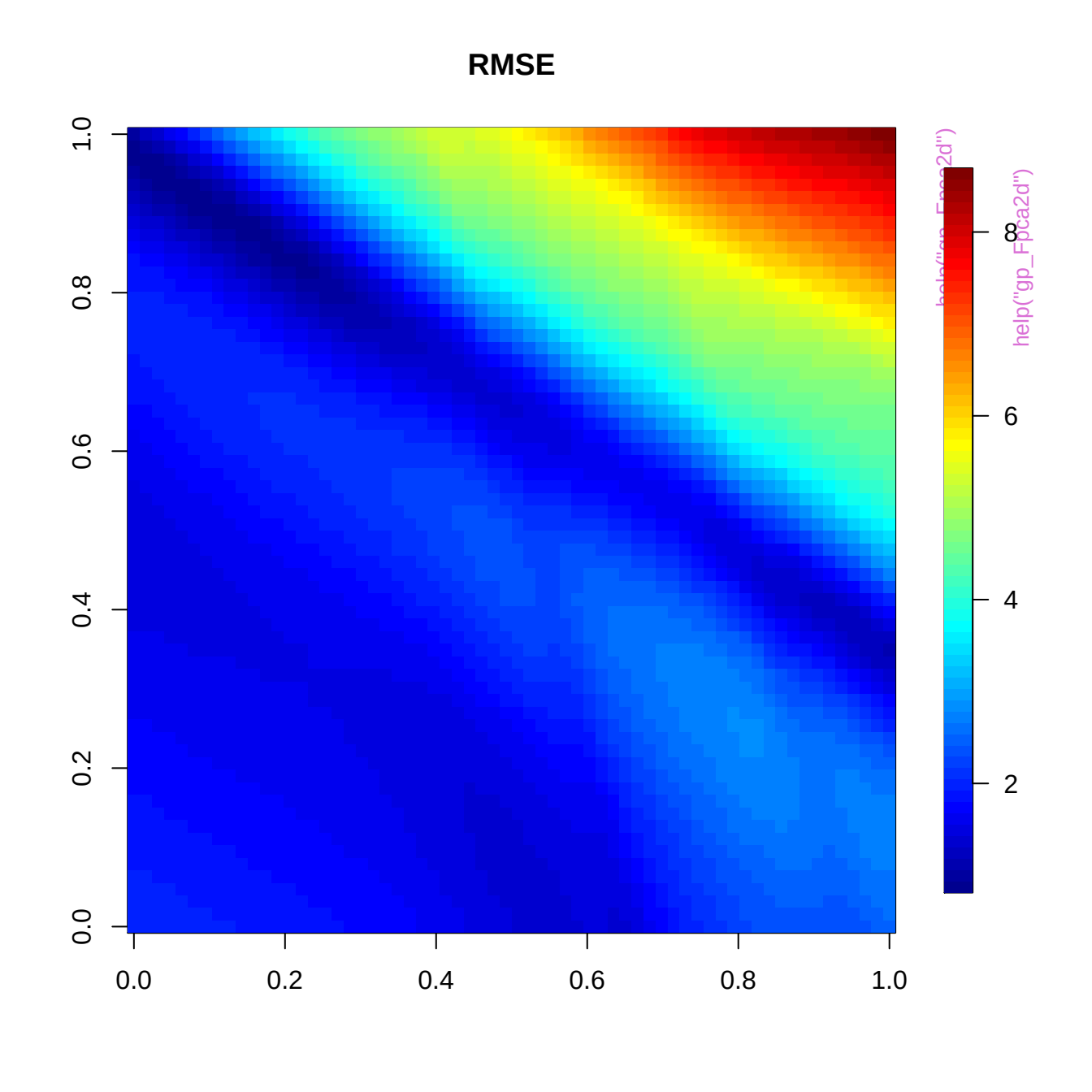

Principal component number 1
79.7%
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
−0.005
−0.010
−0.015
−0.020
−0.025
−0.030

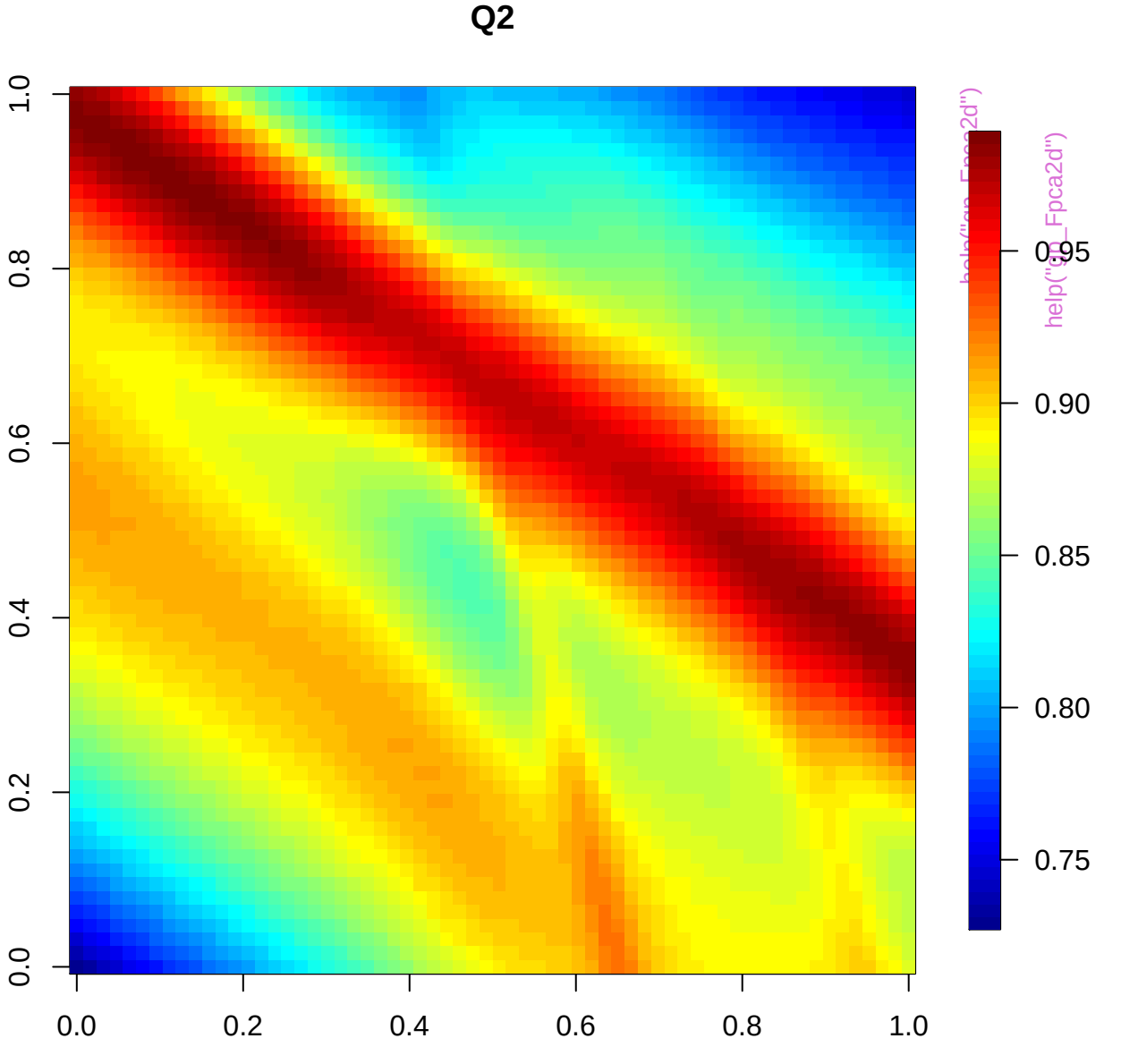

Principal component number 2
12.2%
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
0.04
0.03
0.02
0.01
0.00
−0.01
help("Pca2d")

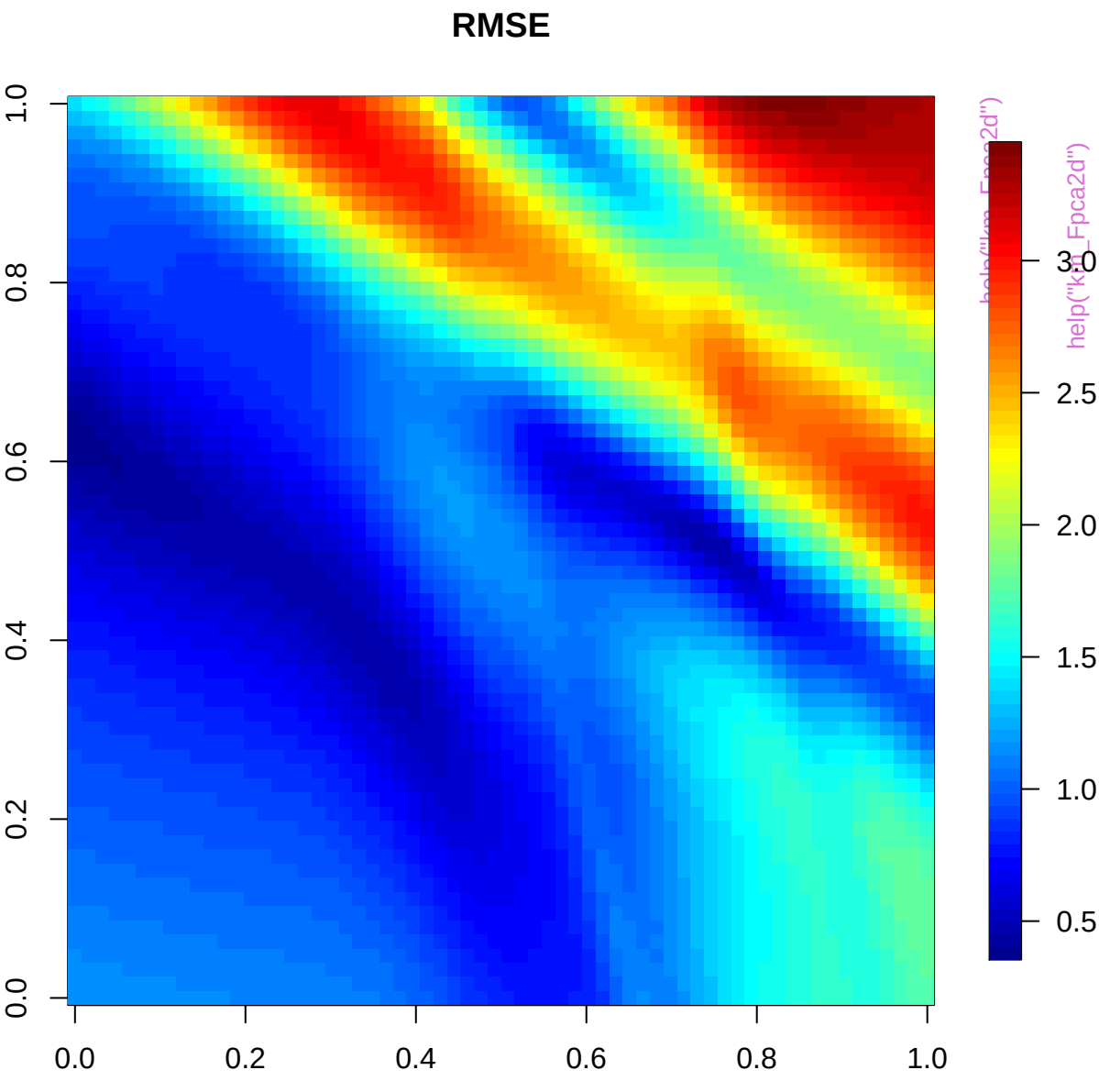

Proportion of inertia
help("Fpca2d")
proportion of inertia
principal components
79.7%
12.2%
0.0
0.2
0.4
0.6
0.8
1.0
1
2

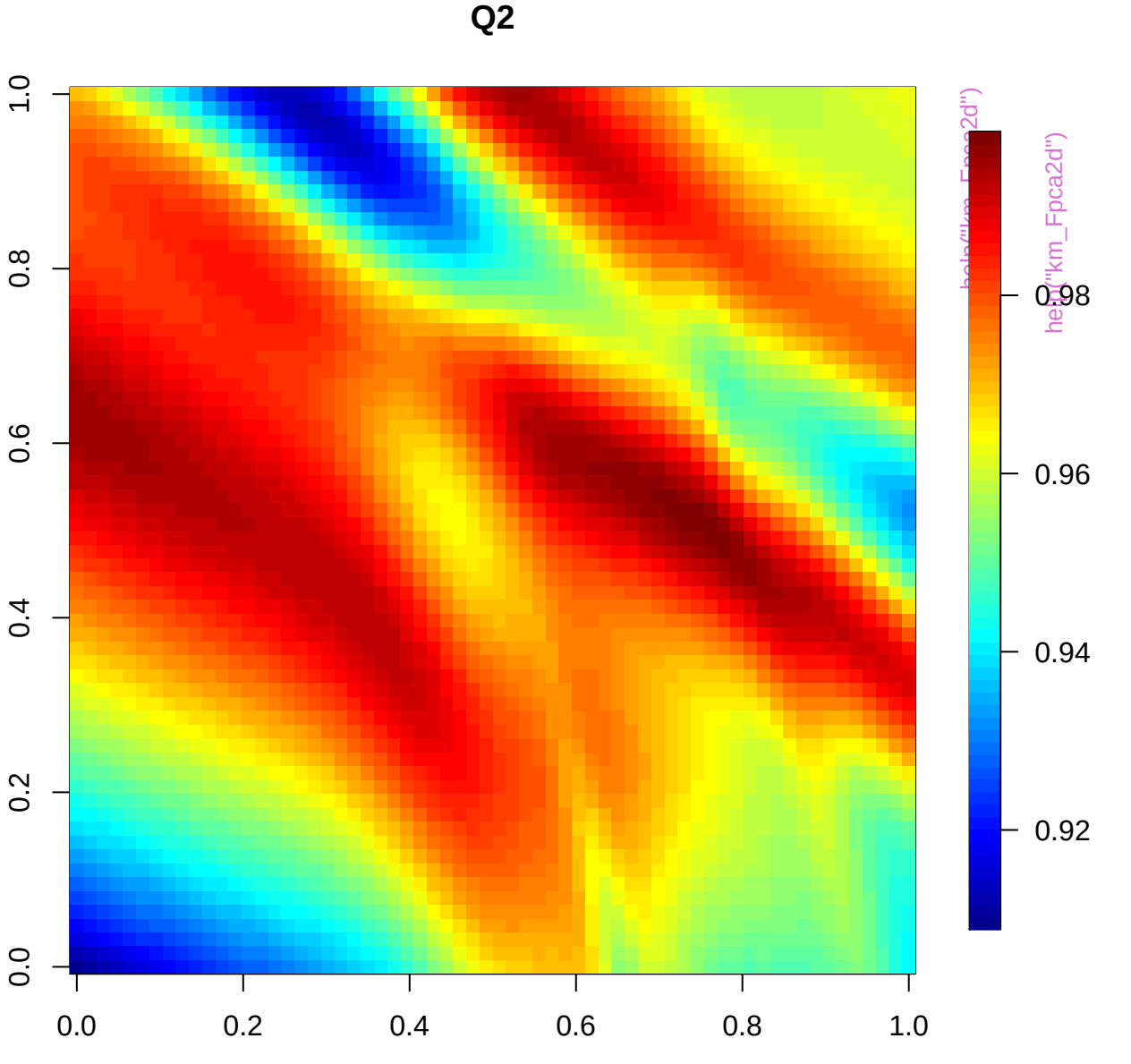

Number of coefficients
number of coefficients
0
1000
2000
3000
4000
8.2%
9.4%
10.6%
12%
13.4%
14.9%
16.4%
18.1%
20.1%
22.4%
99.9%
0.5
0.55
0.6
0.65
0.7
0.75
0.8
0.85
0.9
0.95
1
Total mean proportion of energy
help("Fpca2d")


Mean proportion of energy
H1
L1
L1
H1
help("Fpc32d")
help("Fpc32d")
0.0025
0.0020
0.0015
0.0010
0.0005
0.0000


RMSE
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
8
6
4
2
help("gp_Fpca2d")


Q2
0.0
0.2
0.4
0.6
0.8
1.0
0.95
0.90
0.85
0.80
0.75
help("qq_Fpca2d")


RMSE
0.0
0.2
0.4
0.6
0.8
1.0
0.0
0.2
0.4
0.6
0.8
1.0
0.5
1.0
1.5
2.0
2.5
3.0
help("km_Fpca2d")


Q2
0.0
0.2
0.4
0.6
0.8
1.0
0.92
0.94
0.96
0.98