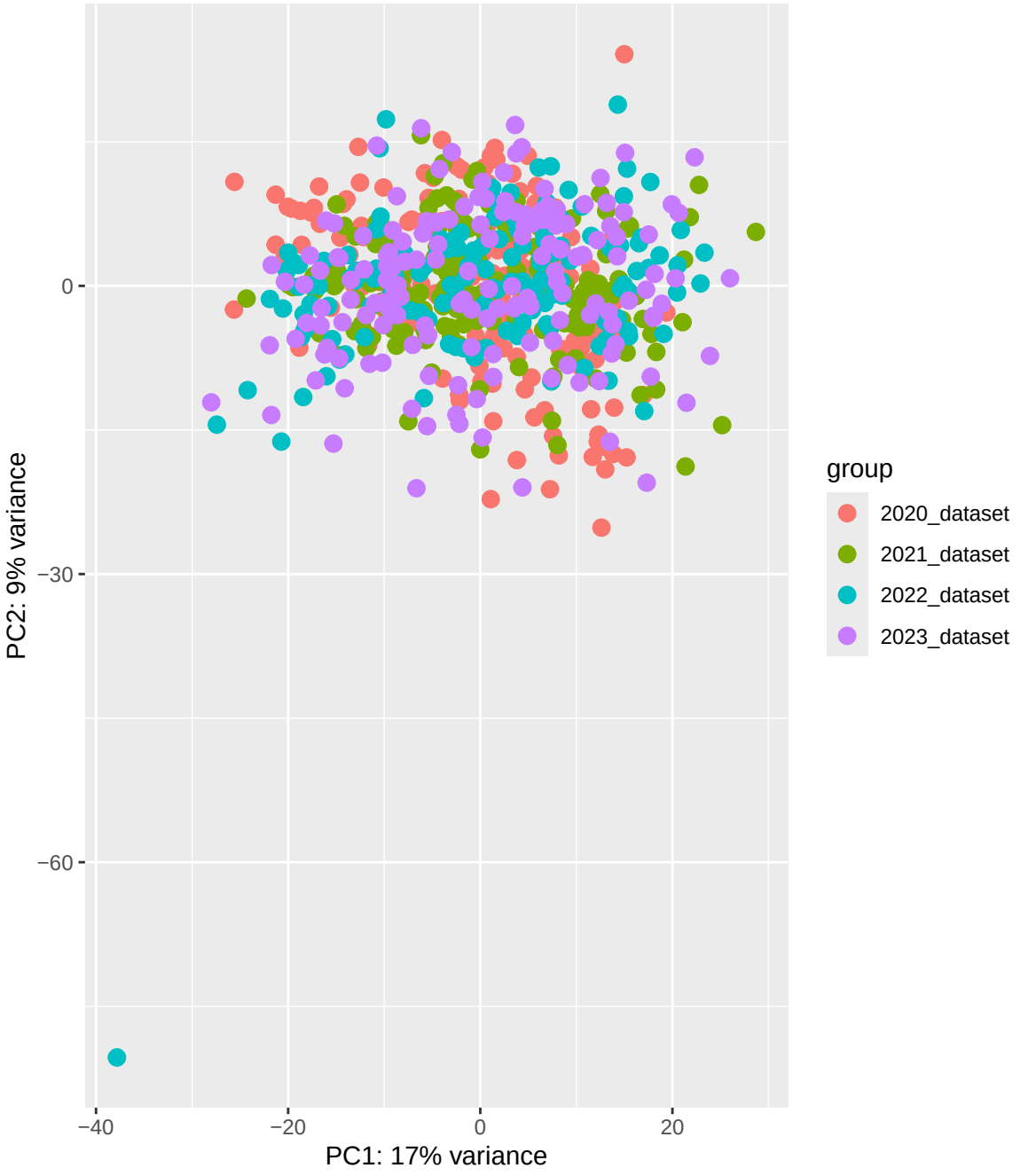
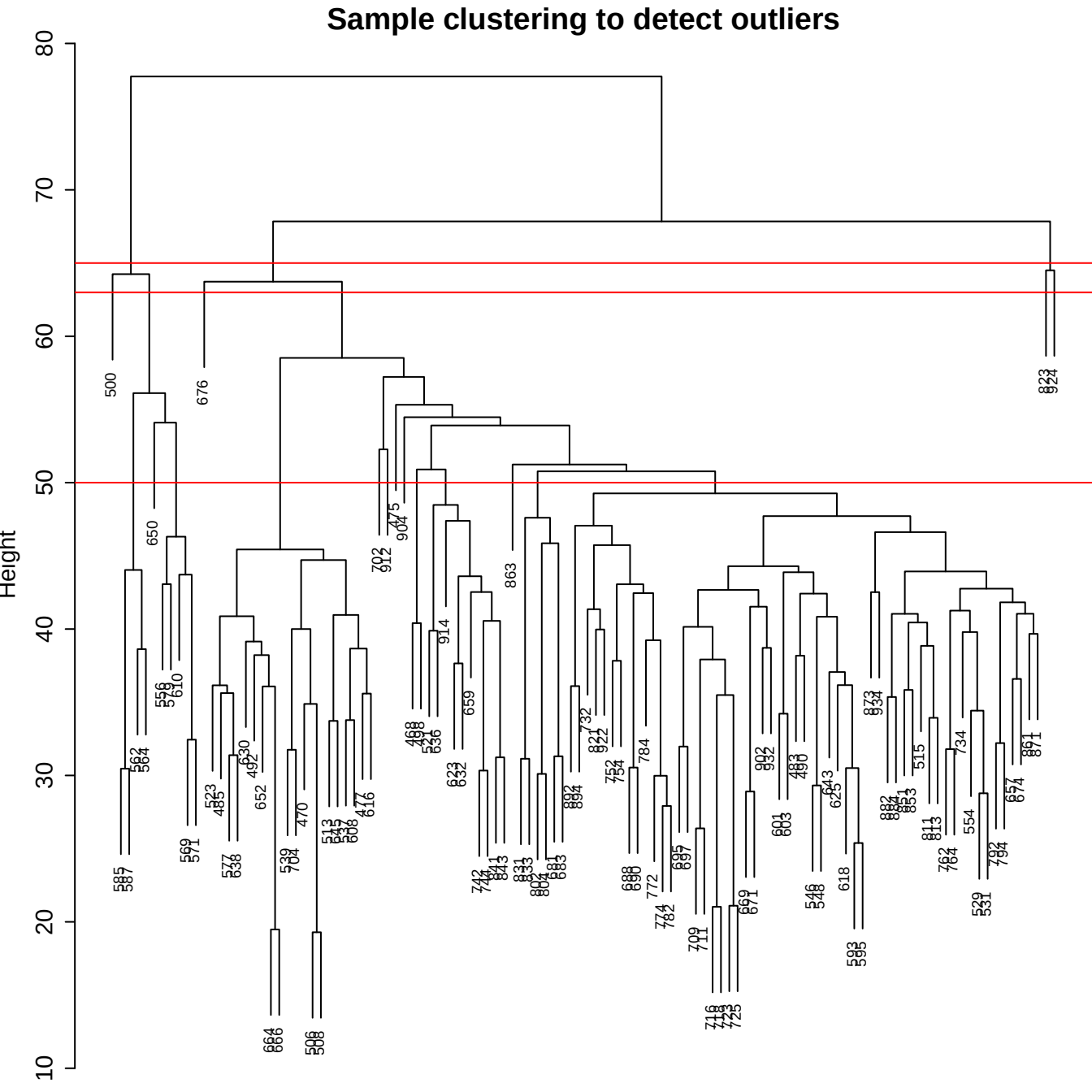
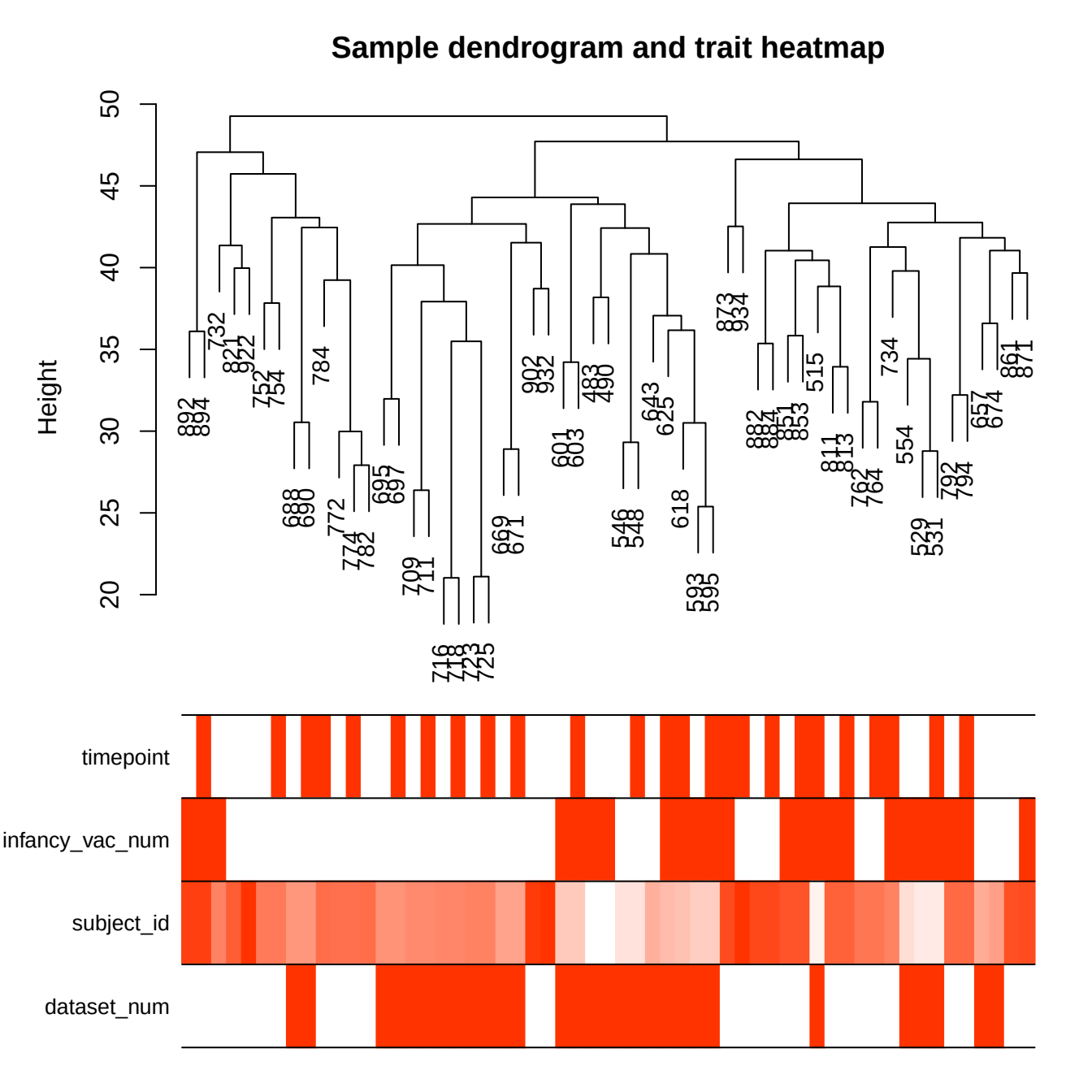
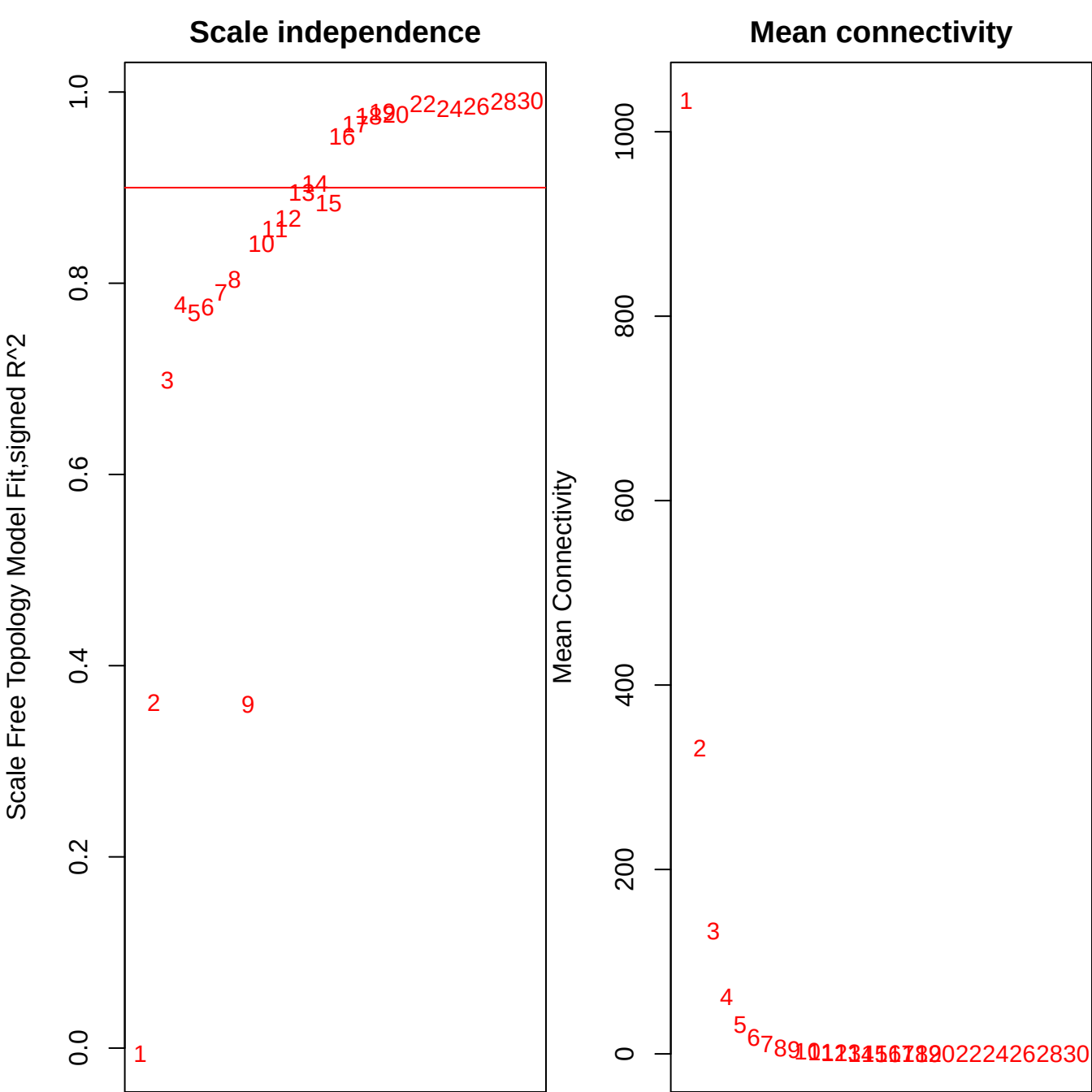
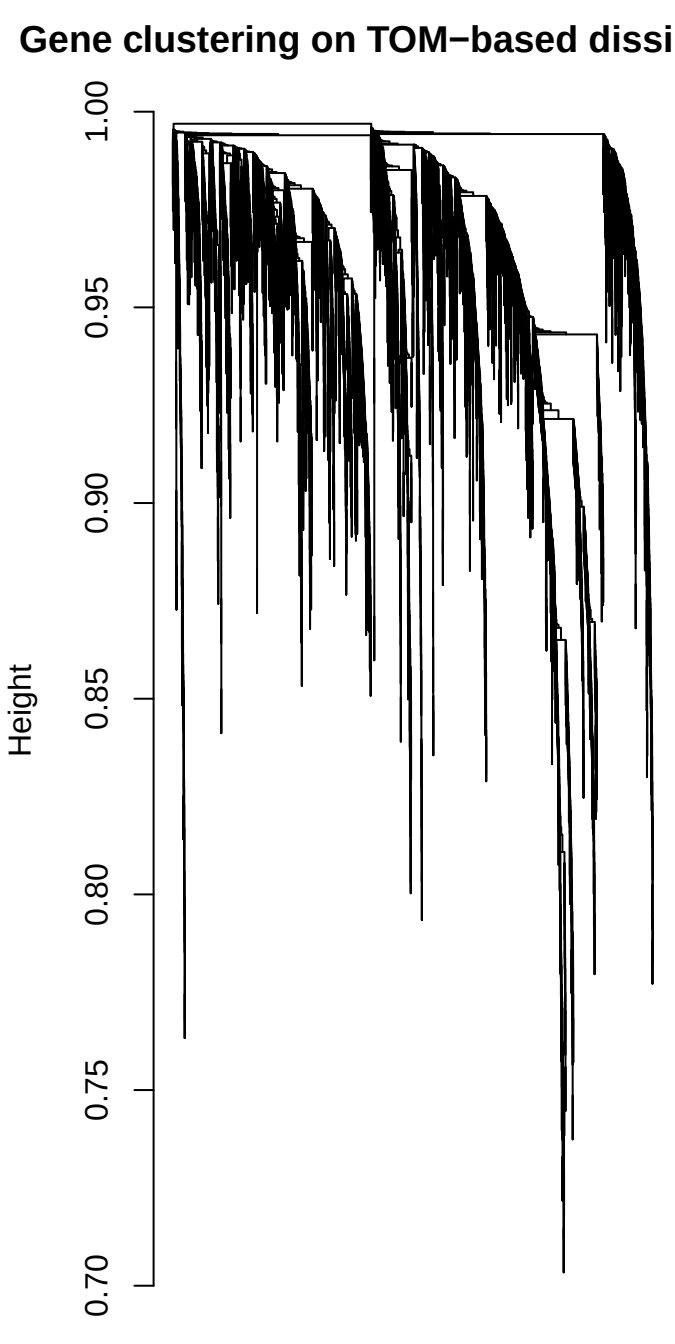
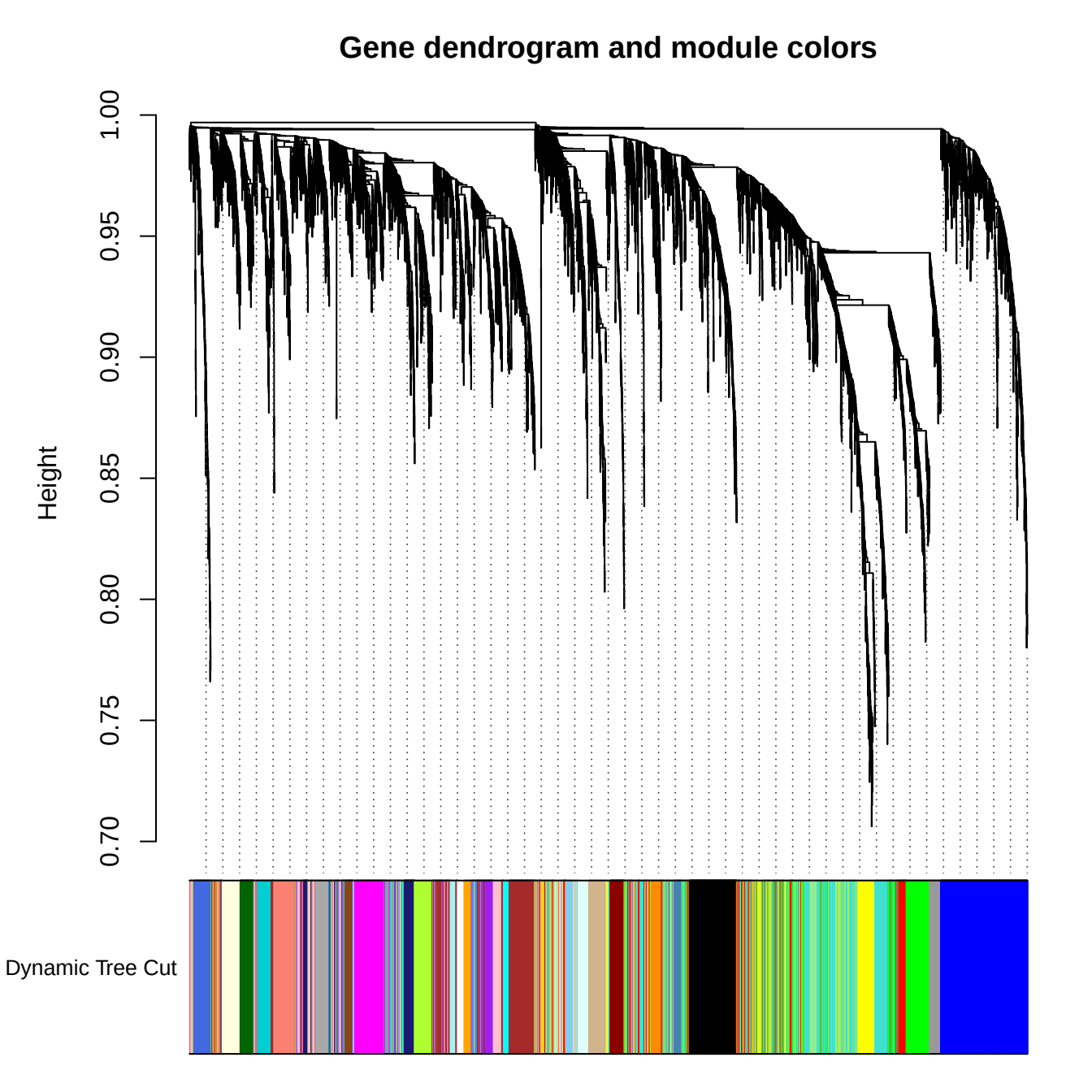

0
−30
−60
PC2: 9% variance
−40
−20
0
20
PC1: 17% variance
group
2020_dataset
2021_dataset
2022_dataset
2023_dataset

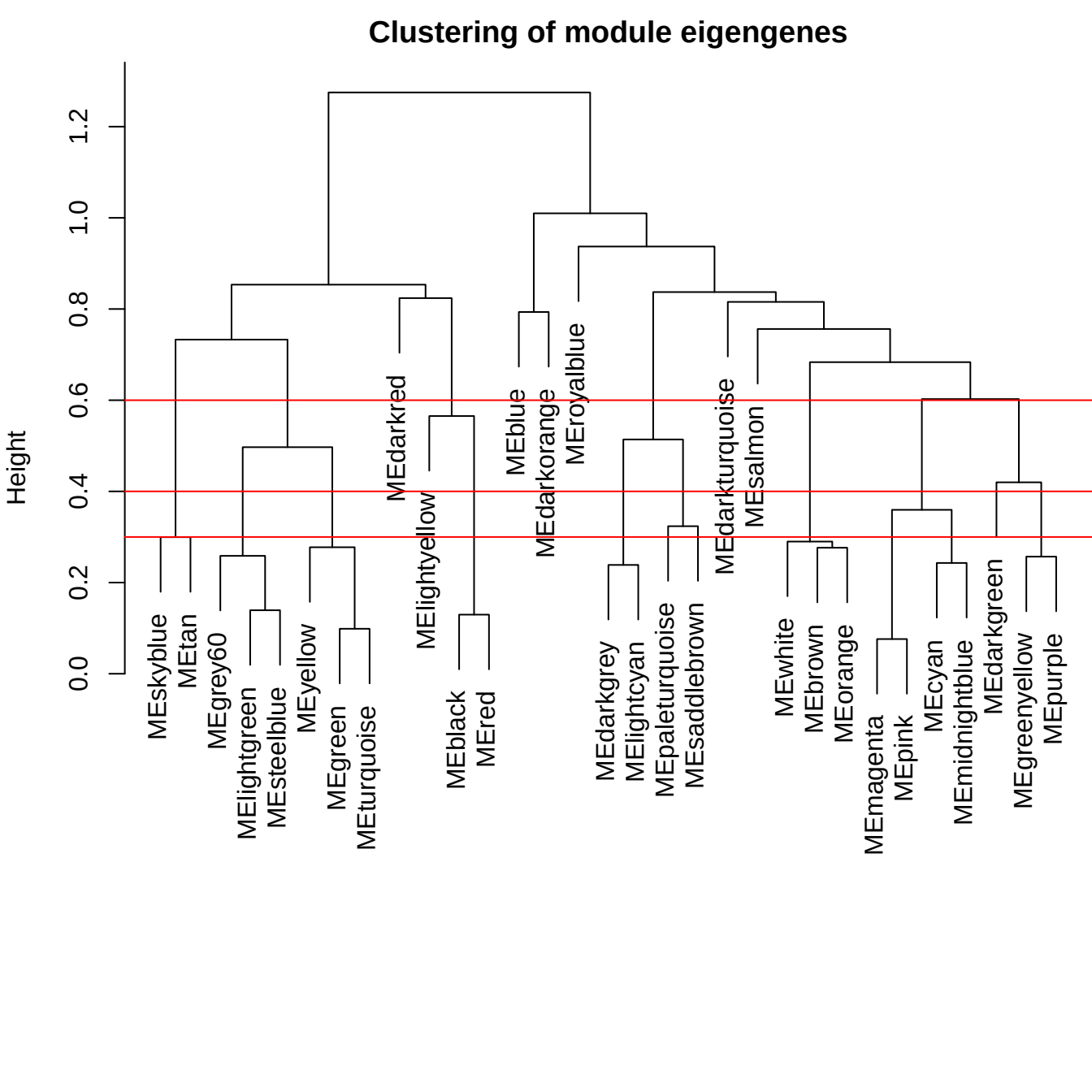

Sample clustering to detect outliers
Height
80
70
60
50
40
30
20
10

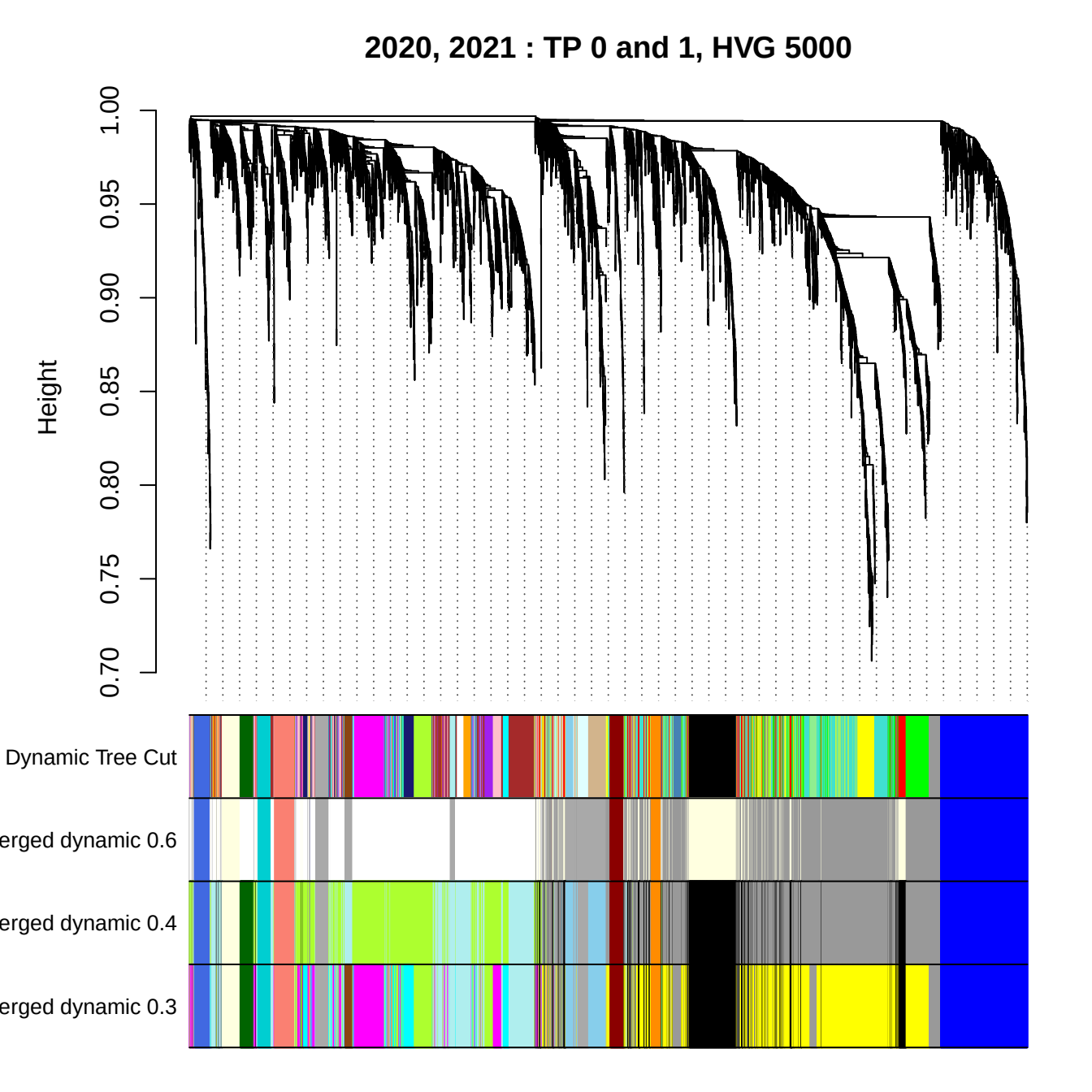

Sample dendrogram and trait heatmap
Height
20
25
30
35
40
45
50
timepoint
infancy_vac_num
subject_id
dataset_num

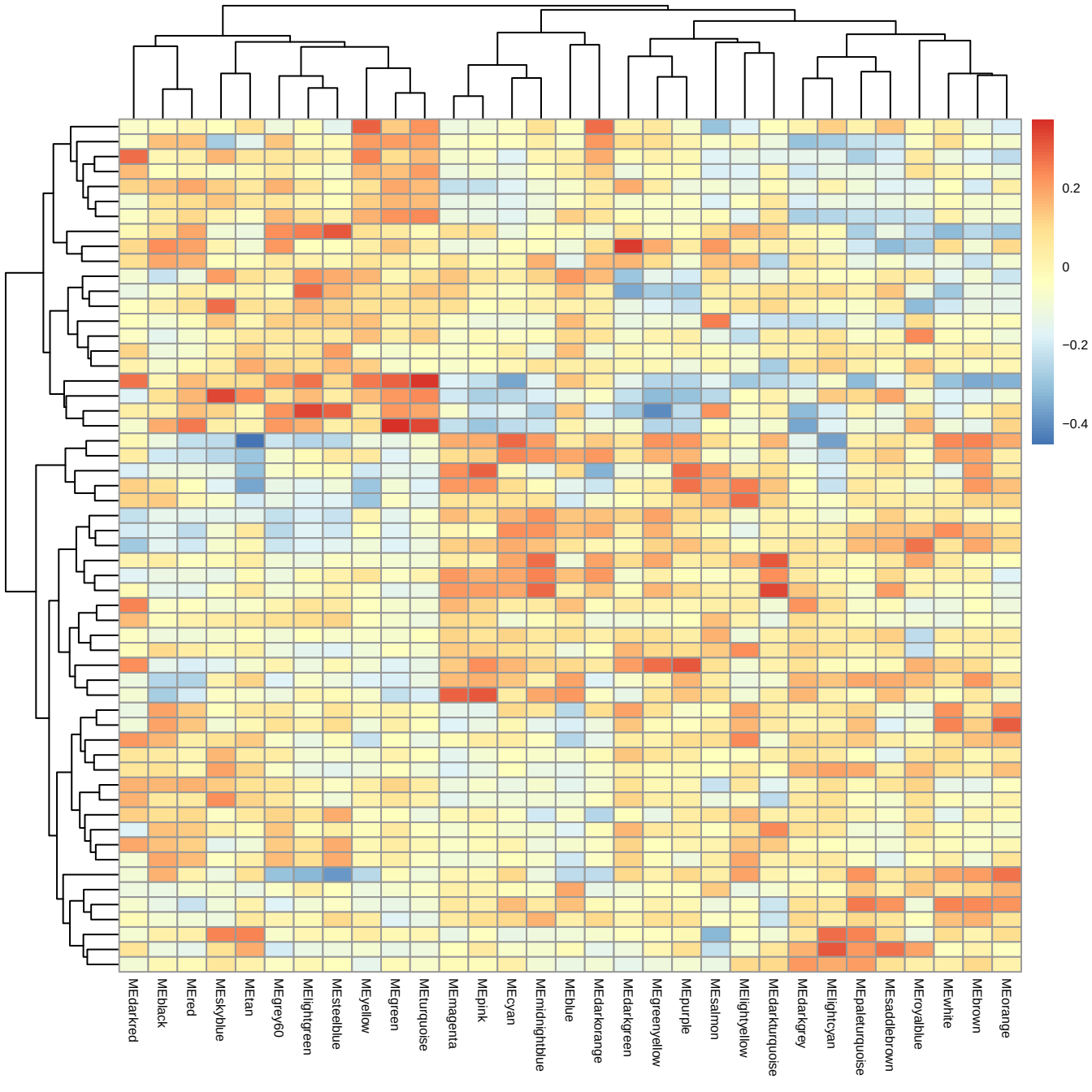

Scale independence
Scale Free Topology Model Fit,signed R^2
0.0
0.2
0.4
0.6
0.8
1.0
Mean connectivity
0
200
400
600
800
1000

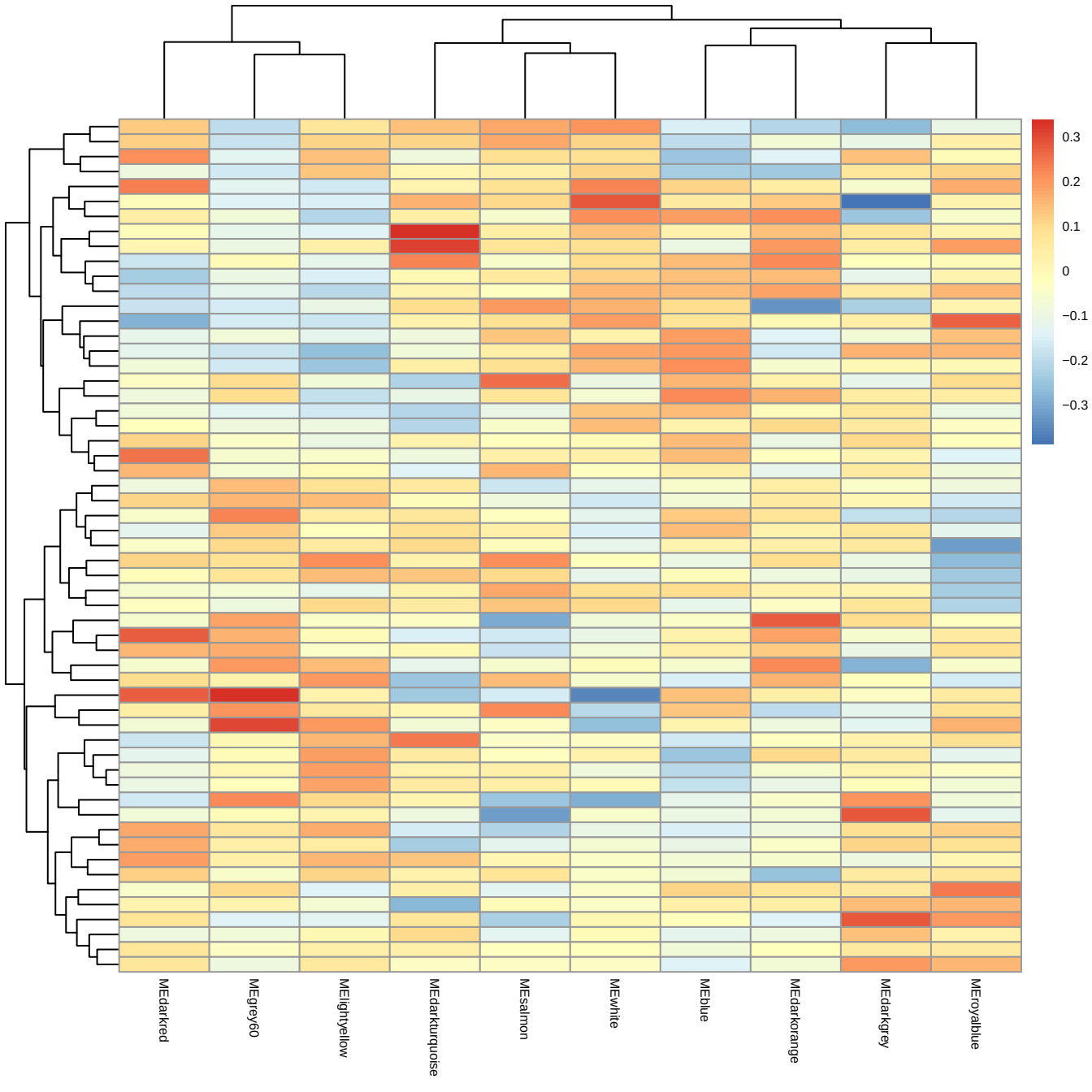

Gene clustering on TOM−based dissi
Height
1.00
0.95
0.90
0.85
0.80
0.75
0.70


Gene dendrogram and module colors
Height
1.00
0.95
0.90
0.85
0.80
0.75
0.70
Dynamic Tree Cut


Clustering of module eigengenes
Height
0.0
0.2
0.4
0.6
0.8
1.0
1.2
MEskyblue
MEtan
MEgrey60
MElightgreen
MEsteelblue
MEyellow
MEgreen
MEturquoise
MEdarkred
MElightyellow
MEblack
MEred
MEblue
MEdarkorange
MEroyalblue
MEdarkgrey
MElightcyan
MEpaleturquoise
MEsaddlebrown
MEdarkturquoise
MEsalmon
MEwhite
MEbrown
MEorange
MEmagenta
MEpink
MEcyan
MEmidnightblue
MEdarkgreen
MEgreenyellow
MEpurple


2020, 2021 : TP 0 and 1, HVG 5000
Height
1.00
0.95
0.90
0.85
0.80
0.75
0.70
Dynamic Tree Cut
erged dynamic 0.6
erged dynamic 0.4
erged dynamic 0.3


0.2
0
−0.2
−0.4
MEdarkred
MEblack
MEred
MEskyblue
MEtan
MEgrey60
MElightgreen
MEsteelblue
MEyellow
MEgreen
MEturquoise
MEmagenta
MEpink
MEcyan
MEmidnightblue
MEblue
MEdarkorange
MEdarkgreen
MEgreenyellow
MEpurple
MEsalmon
MElightyellow
MEdarkturquoise
MEdarkgrey
MElightcyan
MEpaleturquoise
MEsaddlebrown
MEroyalblue
MEwhite
MEbrown
MEorange


0.3
0.2
0.1
0
−0.1
−0.2
−0.3
MEdarkred
MEgrey60
MElightyellow
MEdarkturquoise
MEsalmon
MEwhite
MEblue
MEdarkorange
MEdarkgrey
MEroyalblue