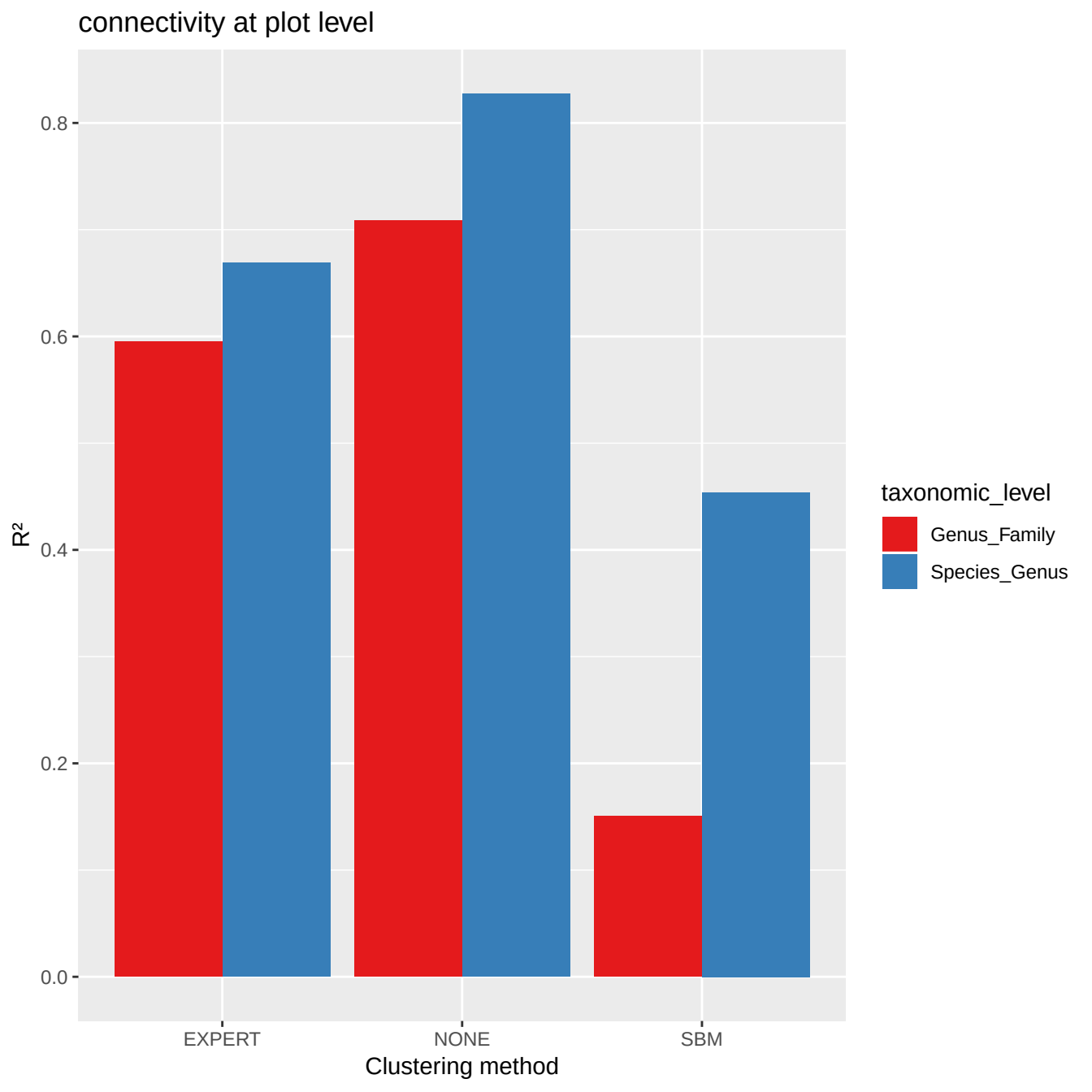
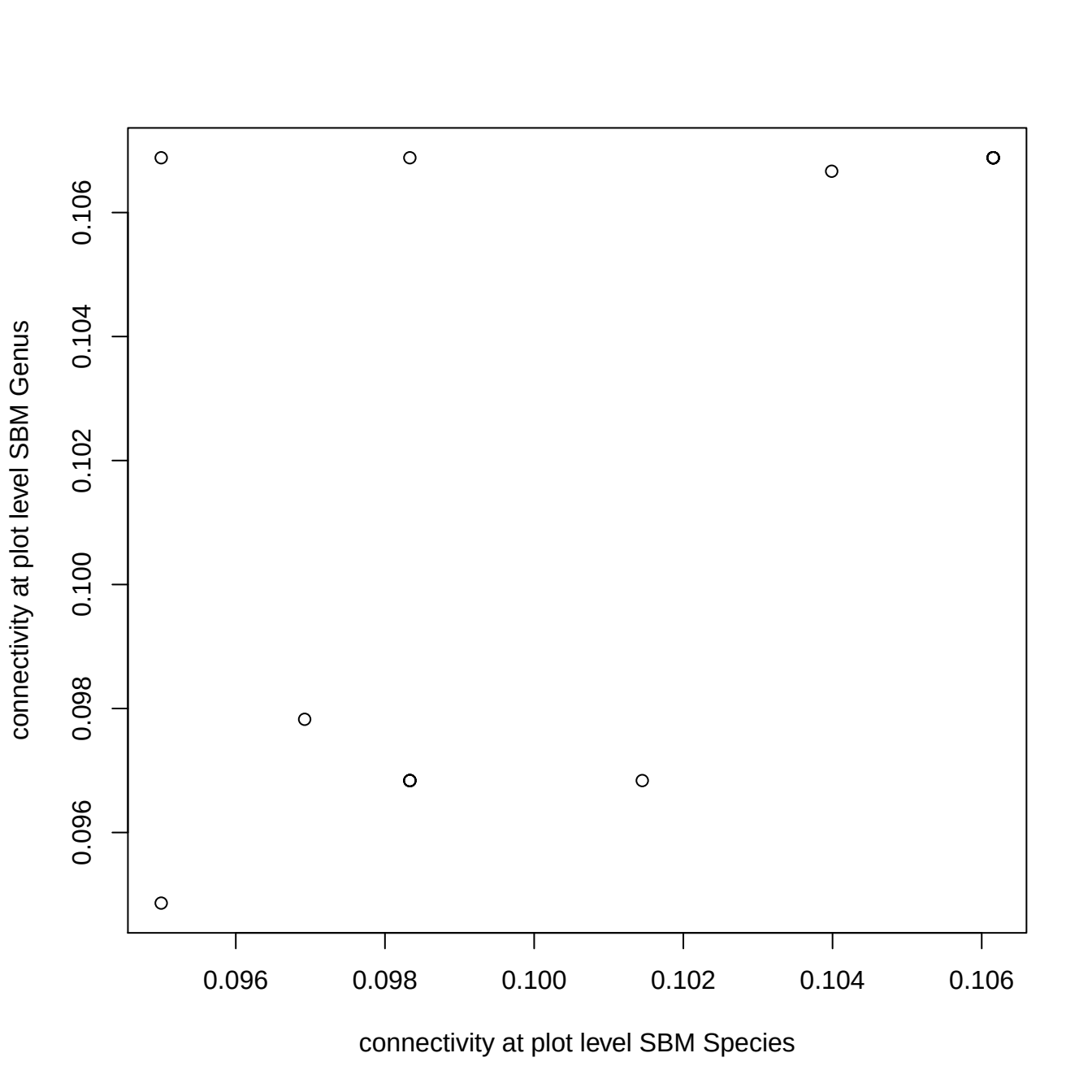
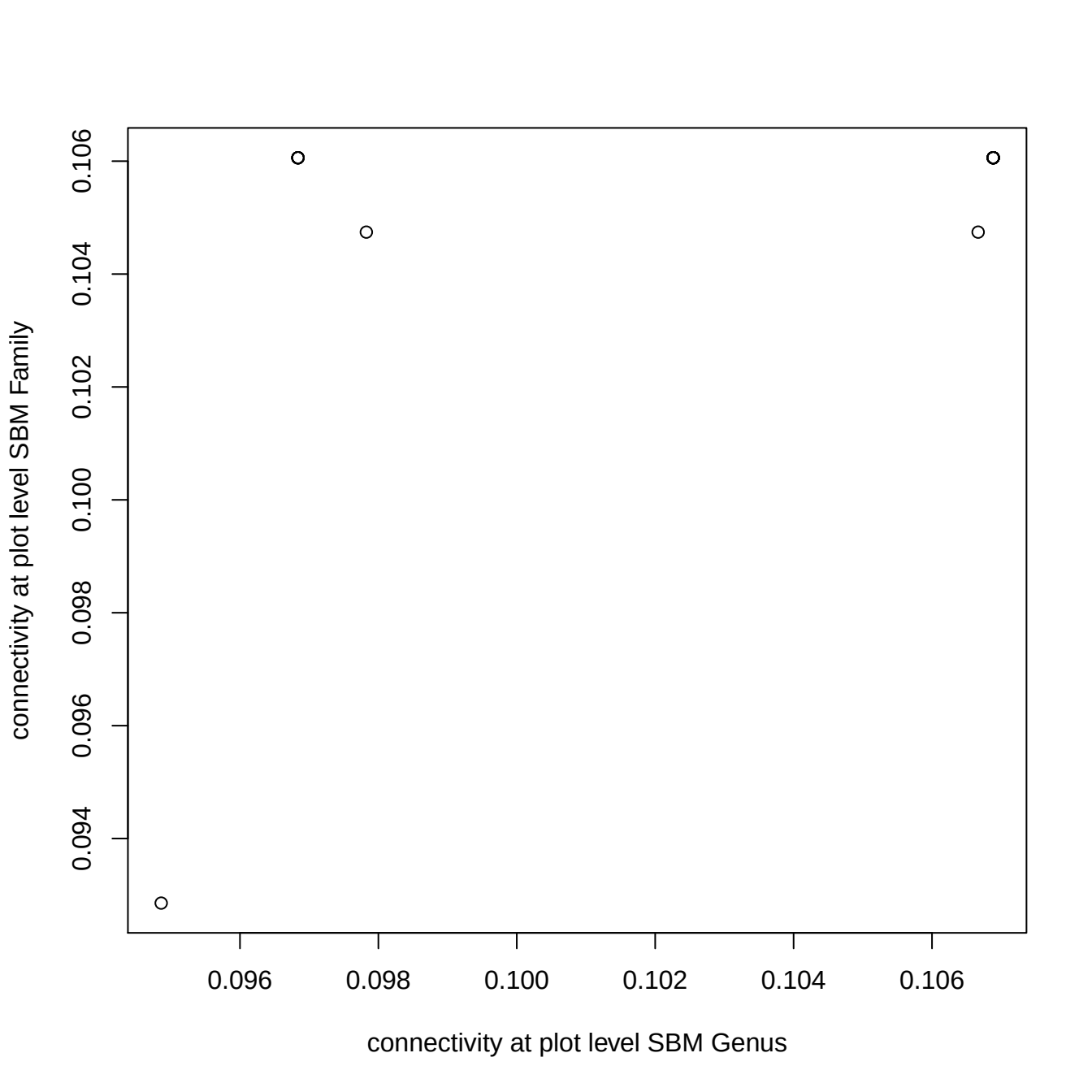
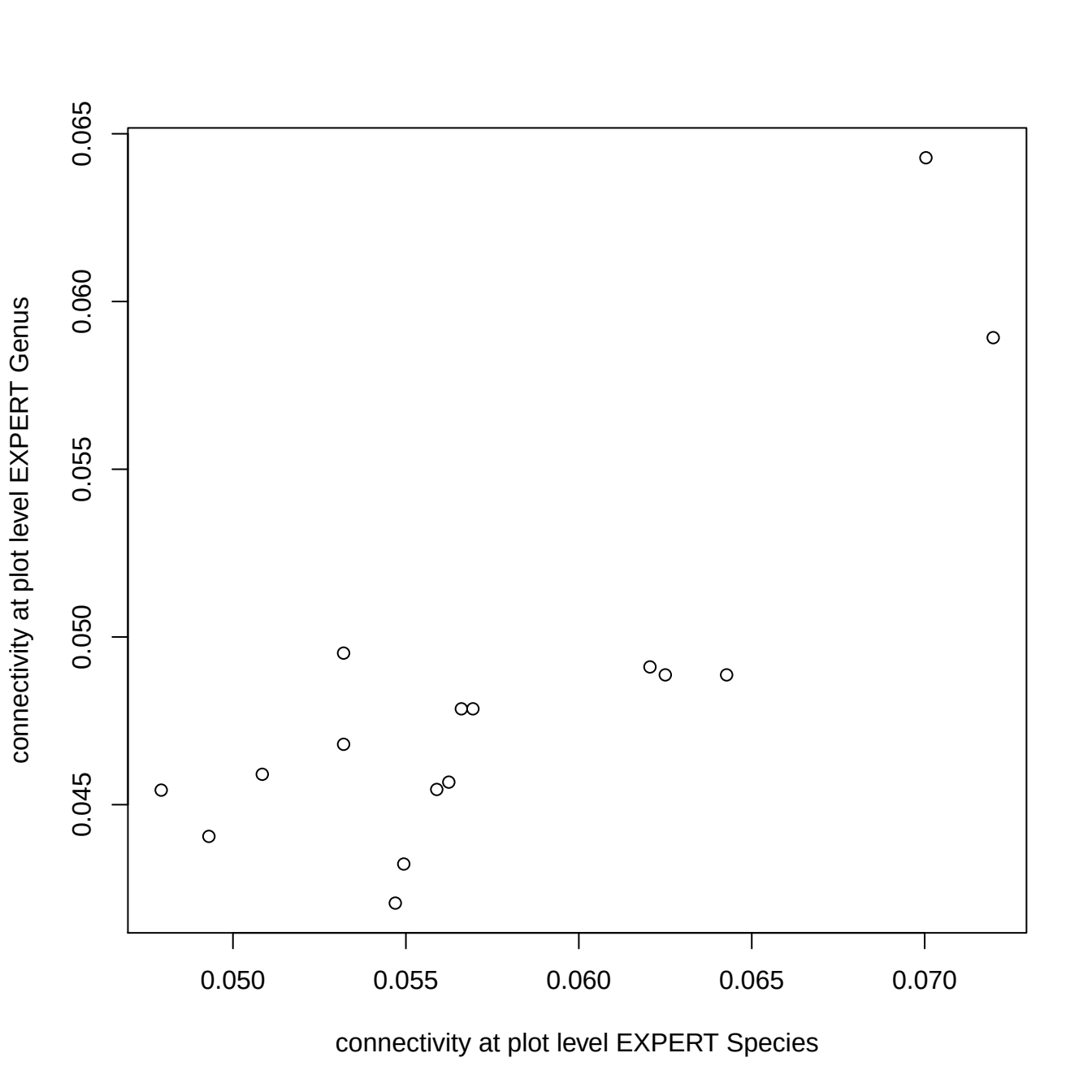
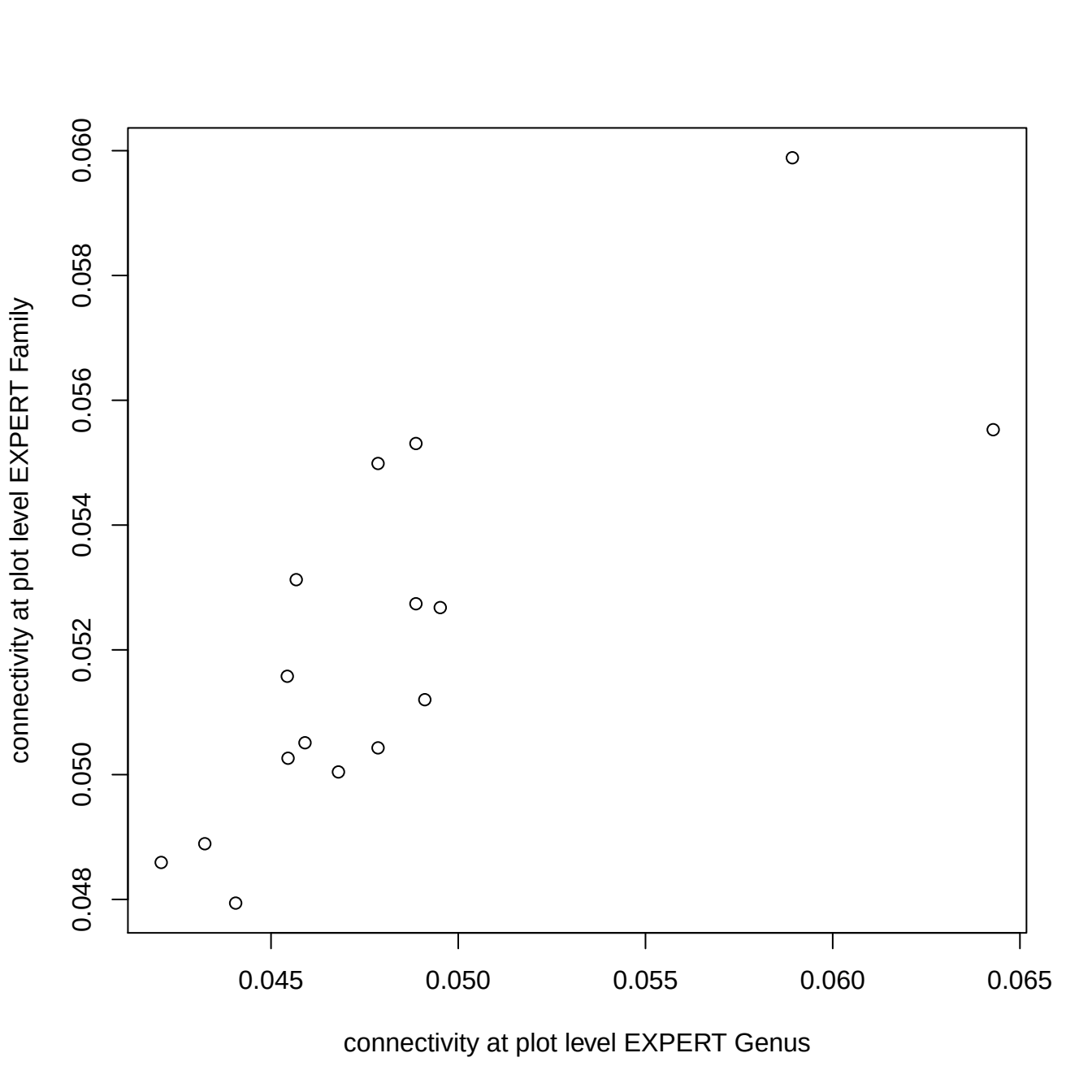
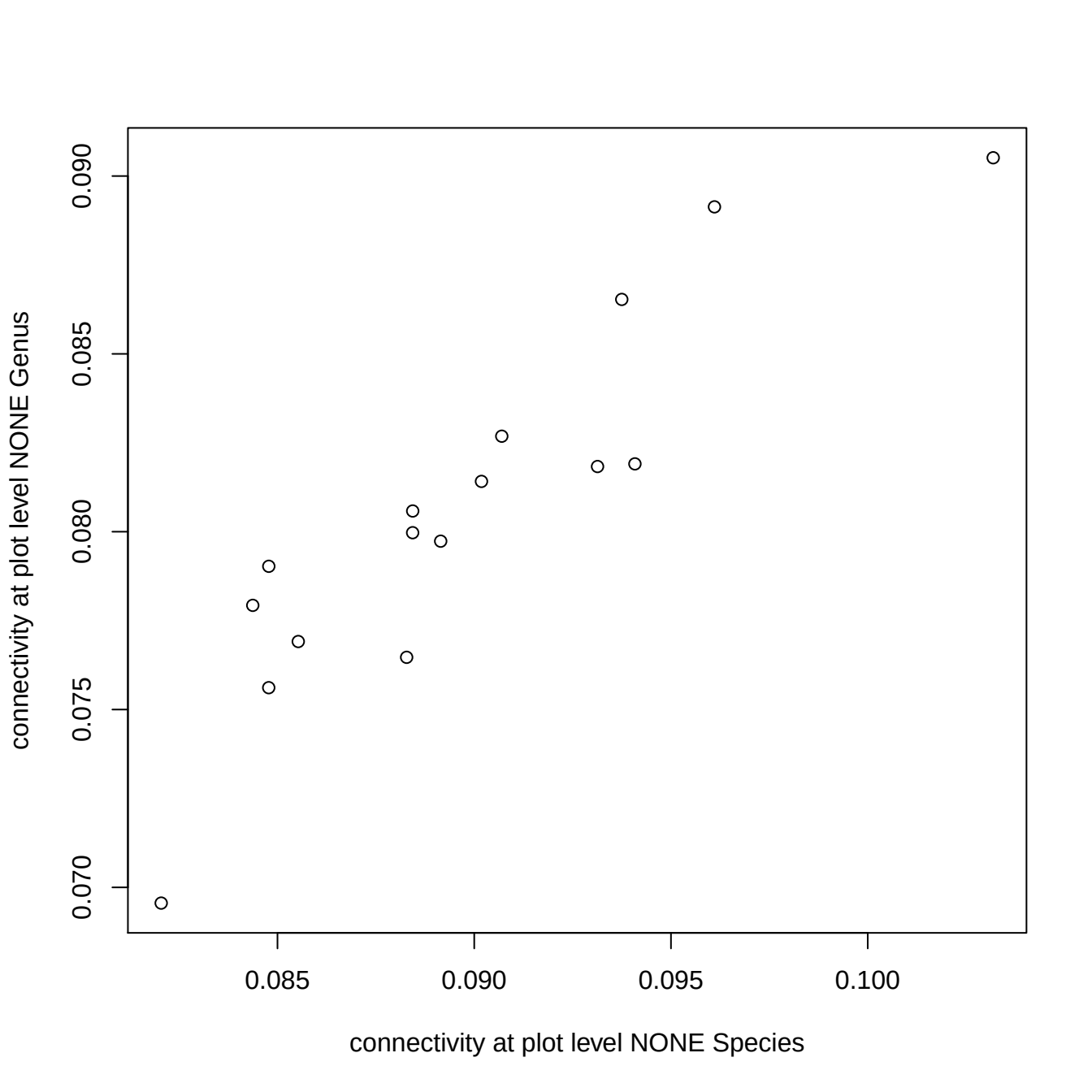

connectivity at plot level
0.8
0.6
0.4
0.2
0.0
R²
EXPERT
NONE
SBM
Clustering method
taxonomic_level
Genus_Family
Species_Genus

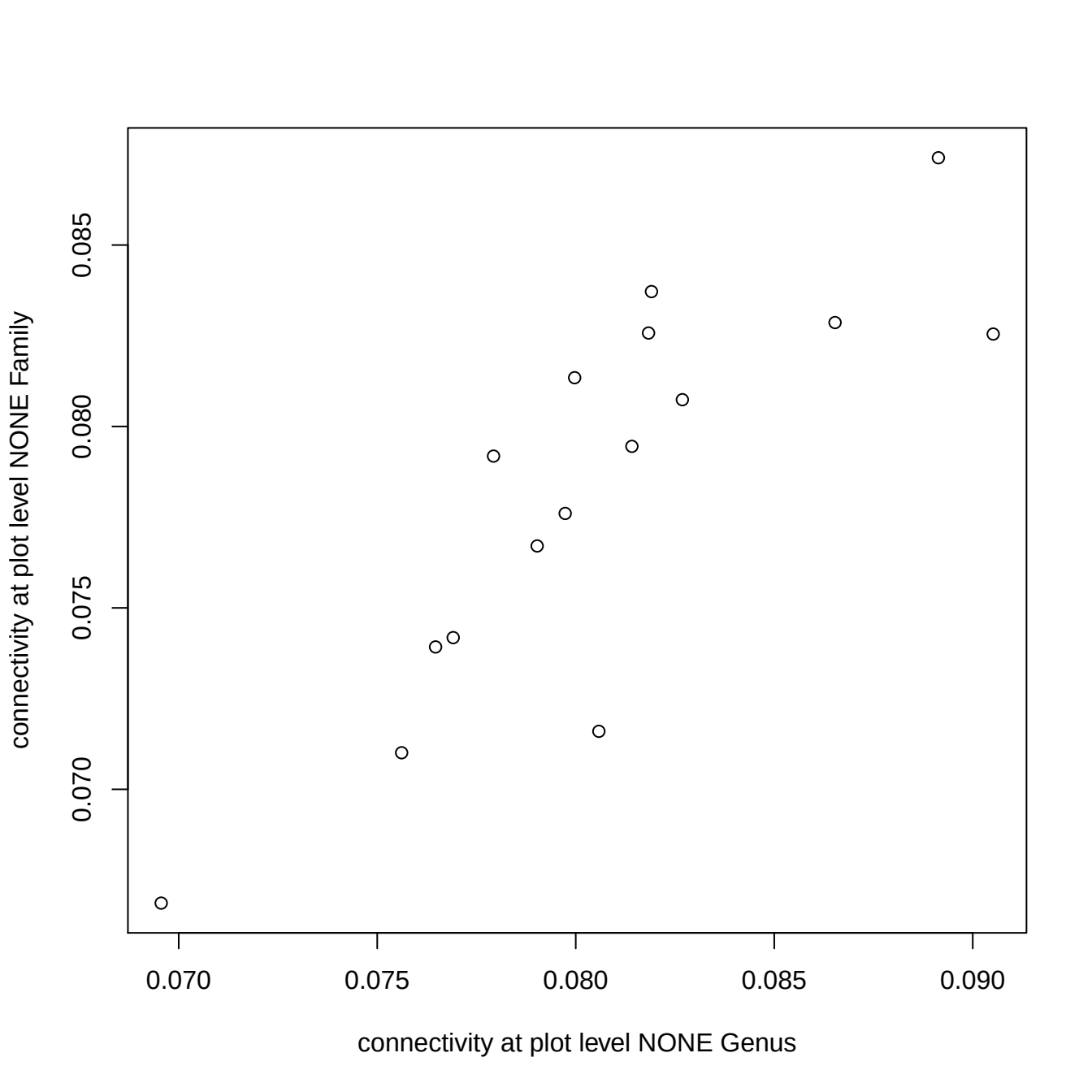

connectivity at plot level SBM Genus
0.096
0.098
0.100
0.102
0.104
0.106
connectivity at plot level SBM Species
0.096
0.098
0.100
0.102
0.104
0.106

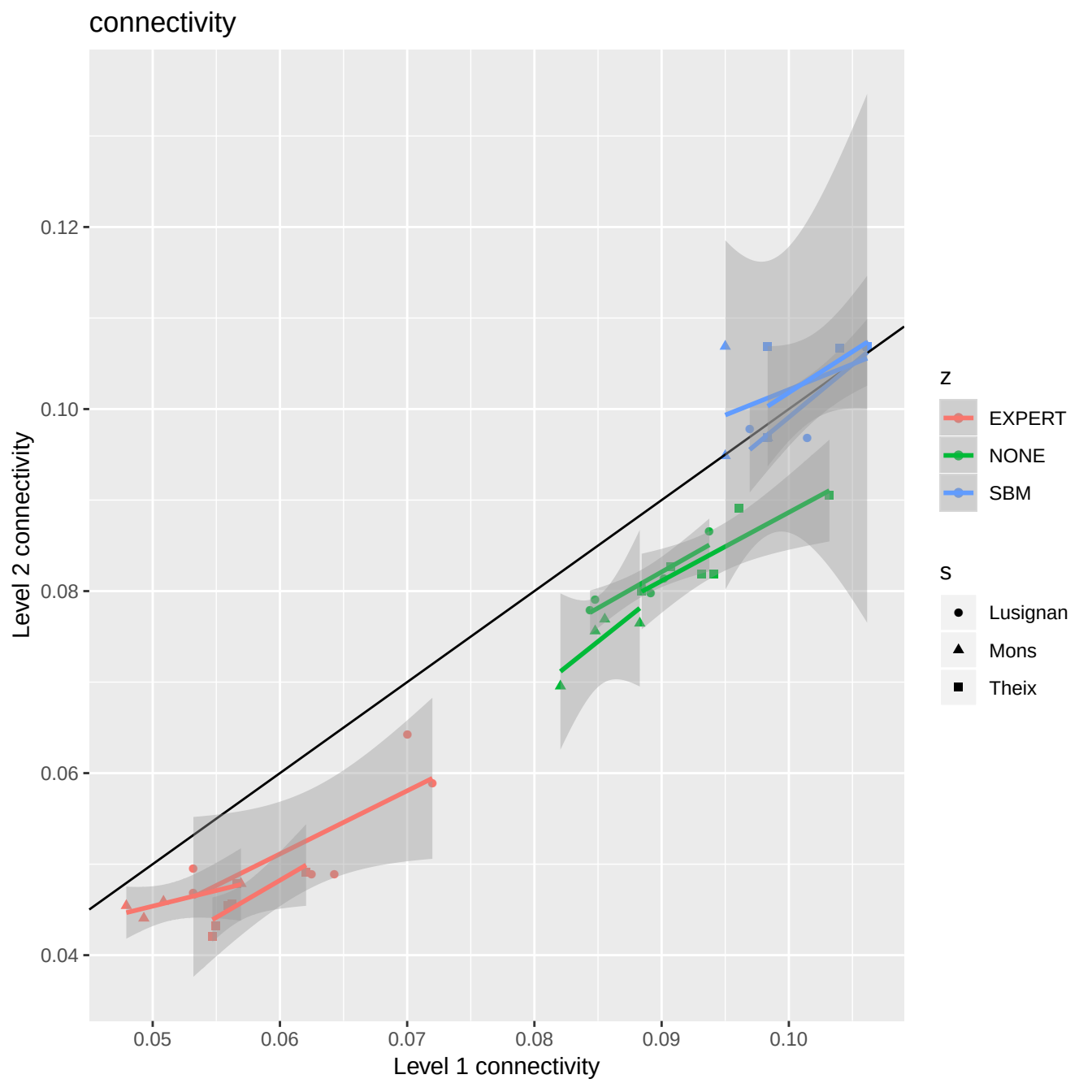

connectivity at plot level SBM Family
0.094
0.096
0.098
0.100
0.102
0.104
0.106
0.096
0.098
0.100
0.102
0.104
0.106
connectivity at plot level SBM Genus

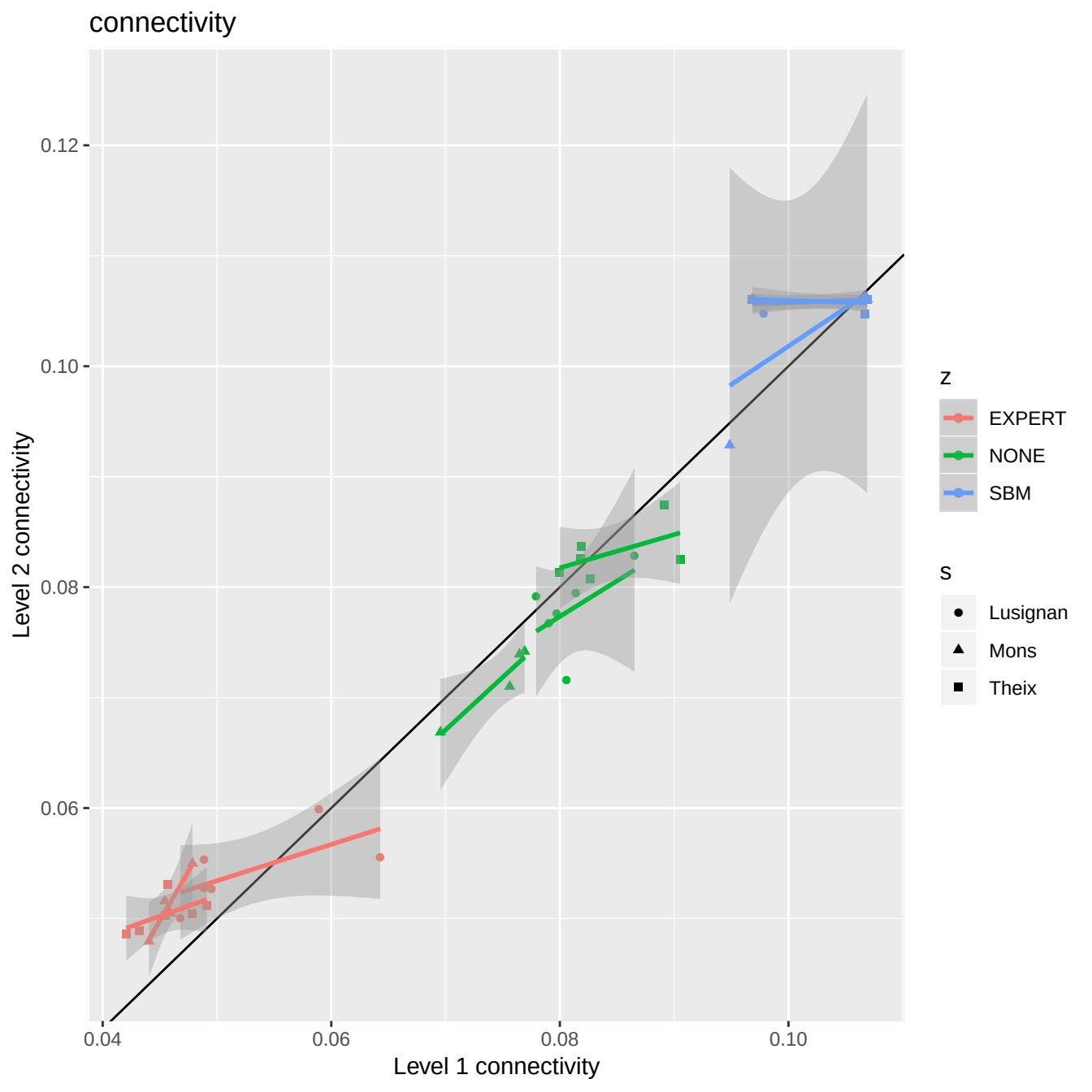

connectivity at plot level EXPERT Genus
0.045
0.050
0.055
0.060
0.065
0.050
0.055
0.060
0.065
0.070
connectivity at plot level EXPERT Species

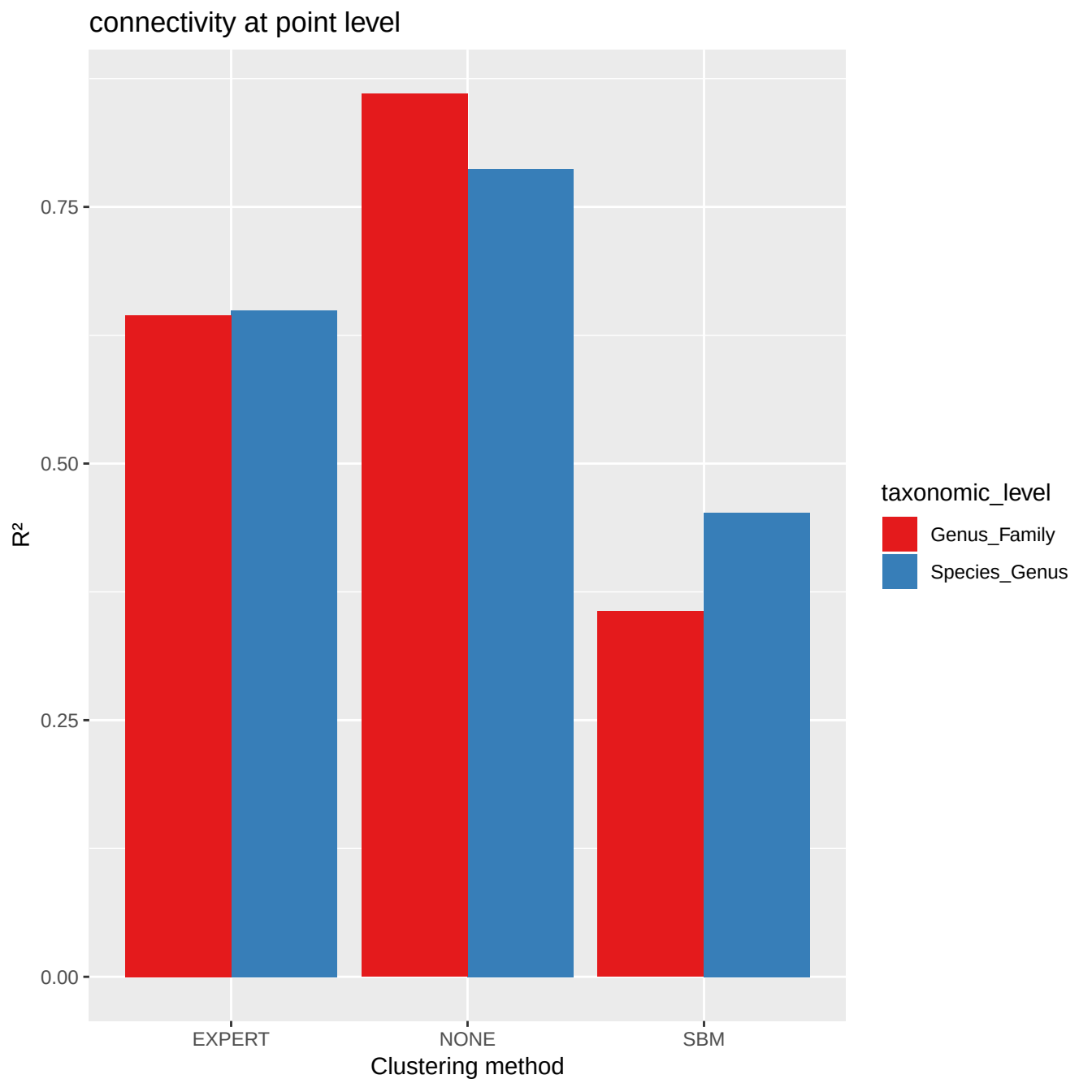

connectivity at plot level EXPERT Family
0.048
0.050
0.052
0.054
0.056
0.058
0.060
0.045
0.050
0.055
0.060
0.065
connectivity at plot level EXPERT Genus

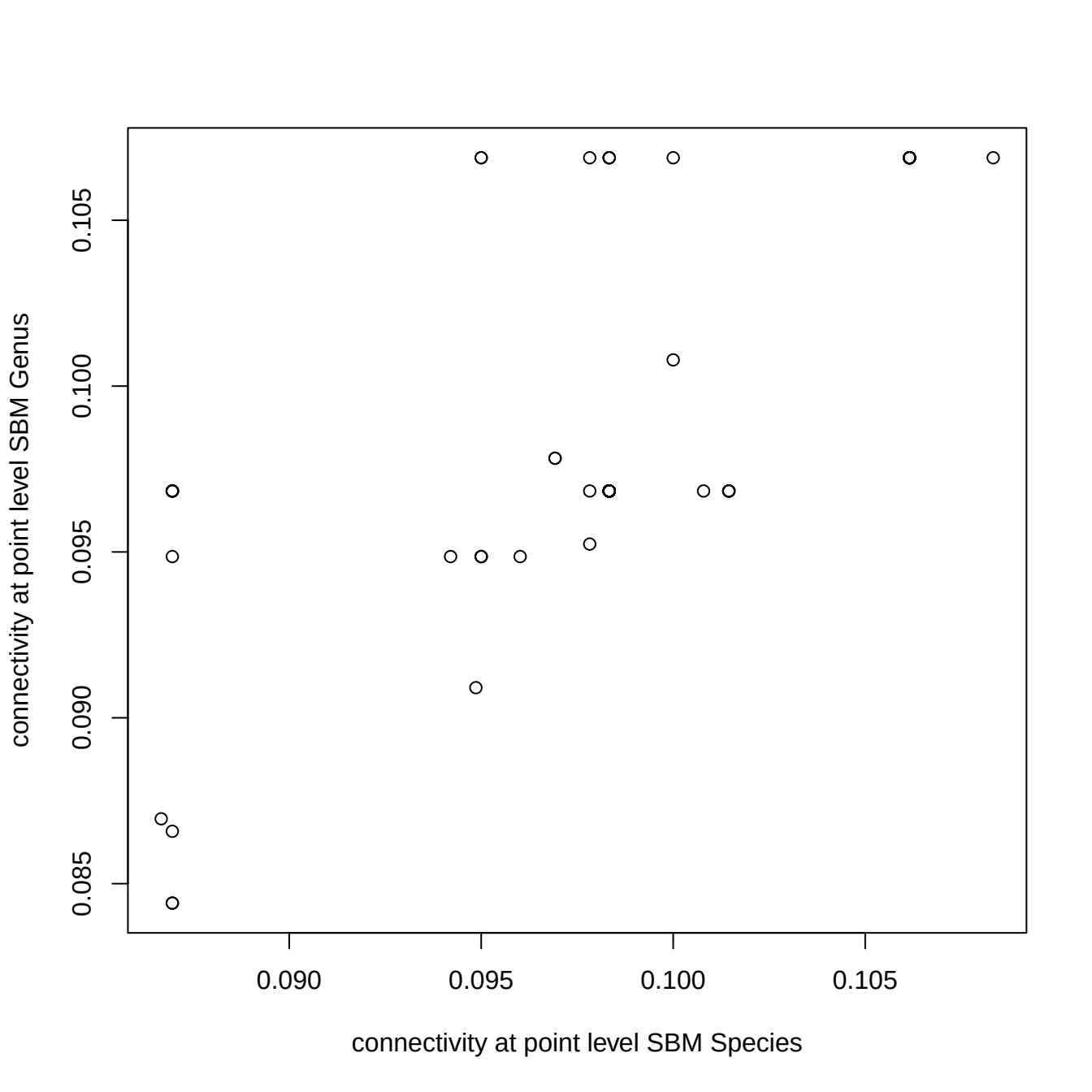

connectivity at plot level NONE Genus
0.070
0.075
0.080
0.085
0.090
connectivity at plot level NONE Species
0.085
0.090
0.095
0.100

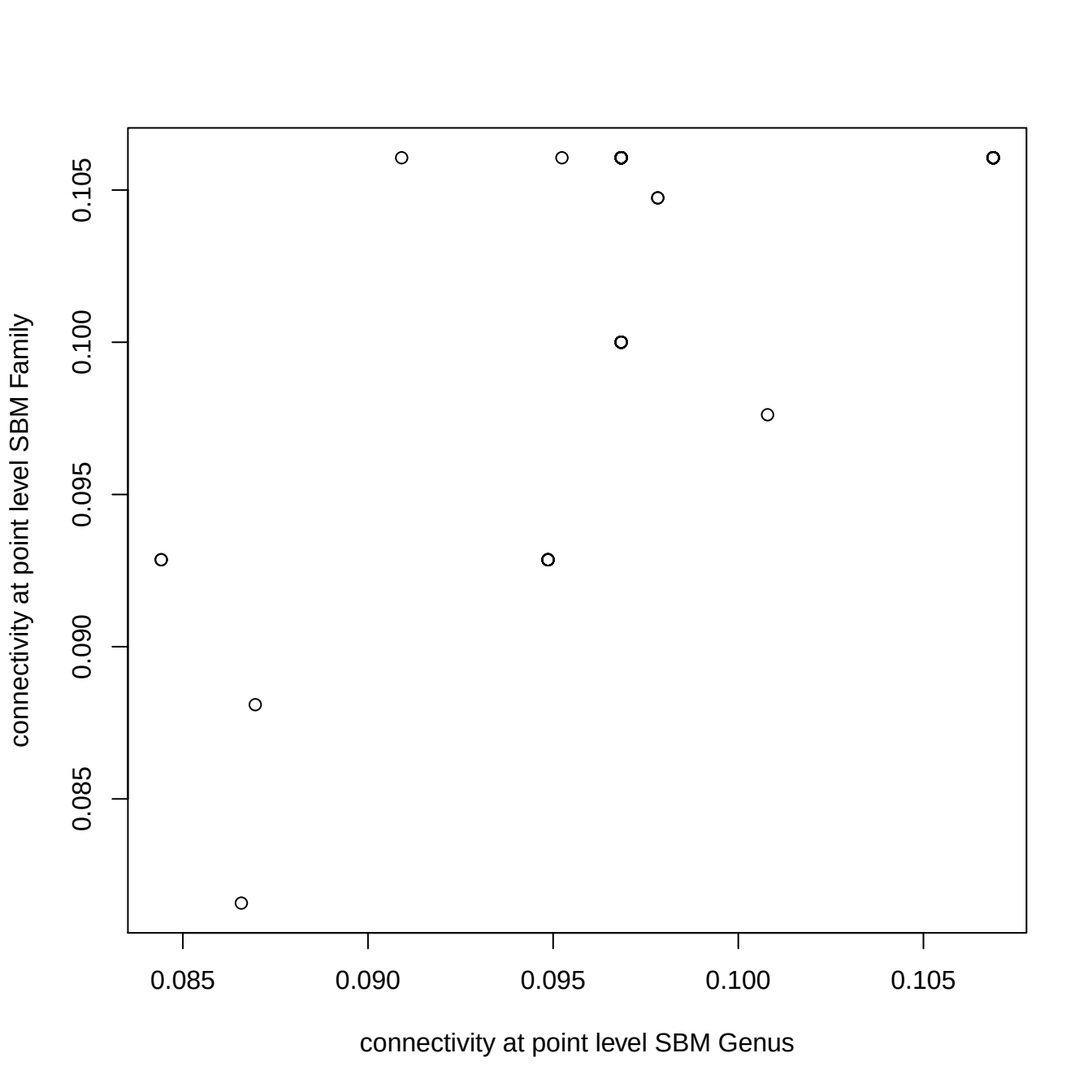

connectivity at plot level NONE Family
0.070
0.075
0.080
0.085
connectivity at plot level NONE Genus
0.070
0.075
0.080
0.085
0.090

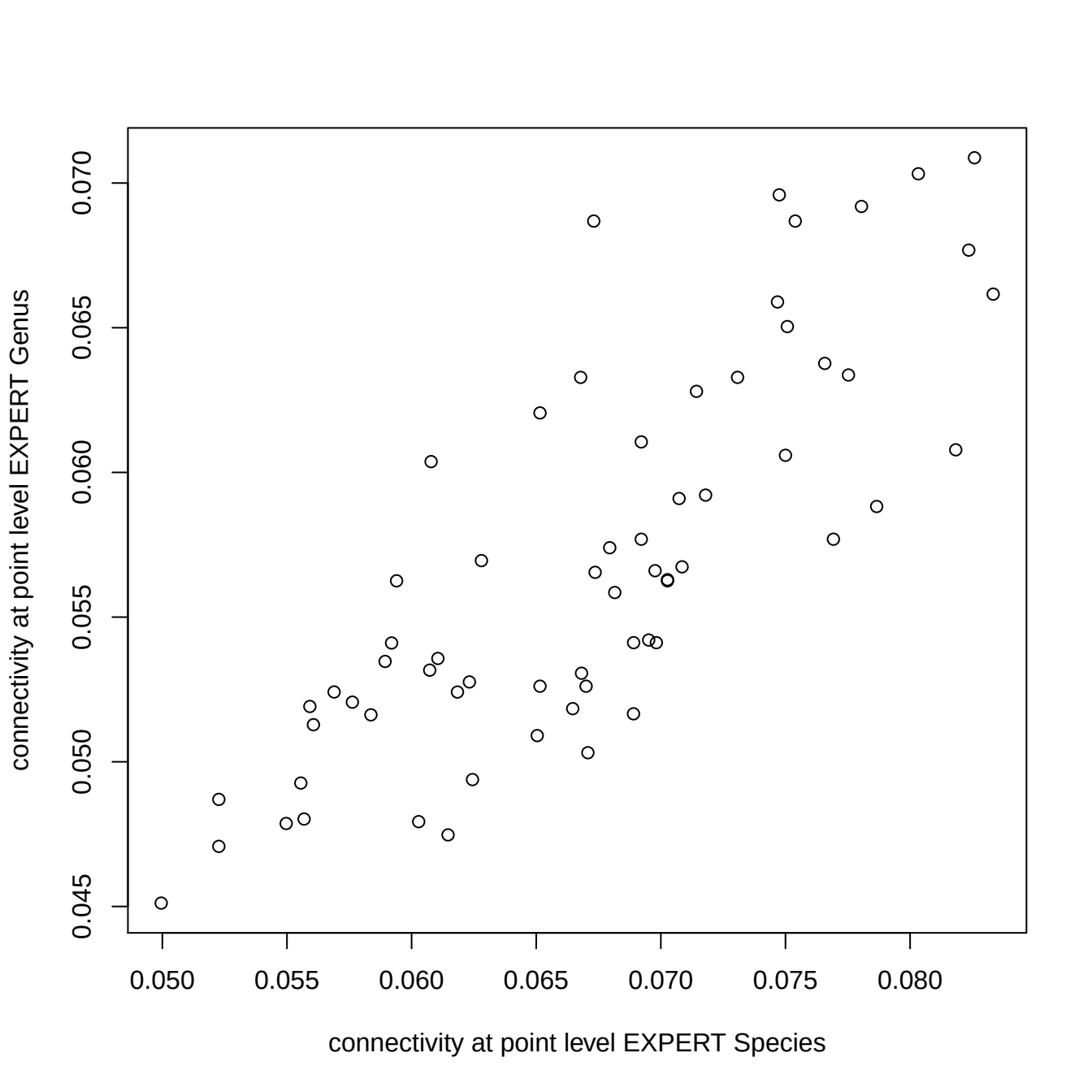

connectivity
0.12
0.10
0.08
0.06
0.04
Level 2 connectivity
0.05
0.06
0.07
0.08
0.09
0.10
Level 1 connectivity
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

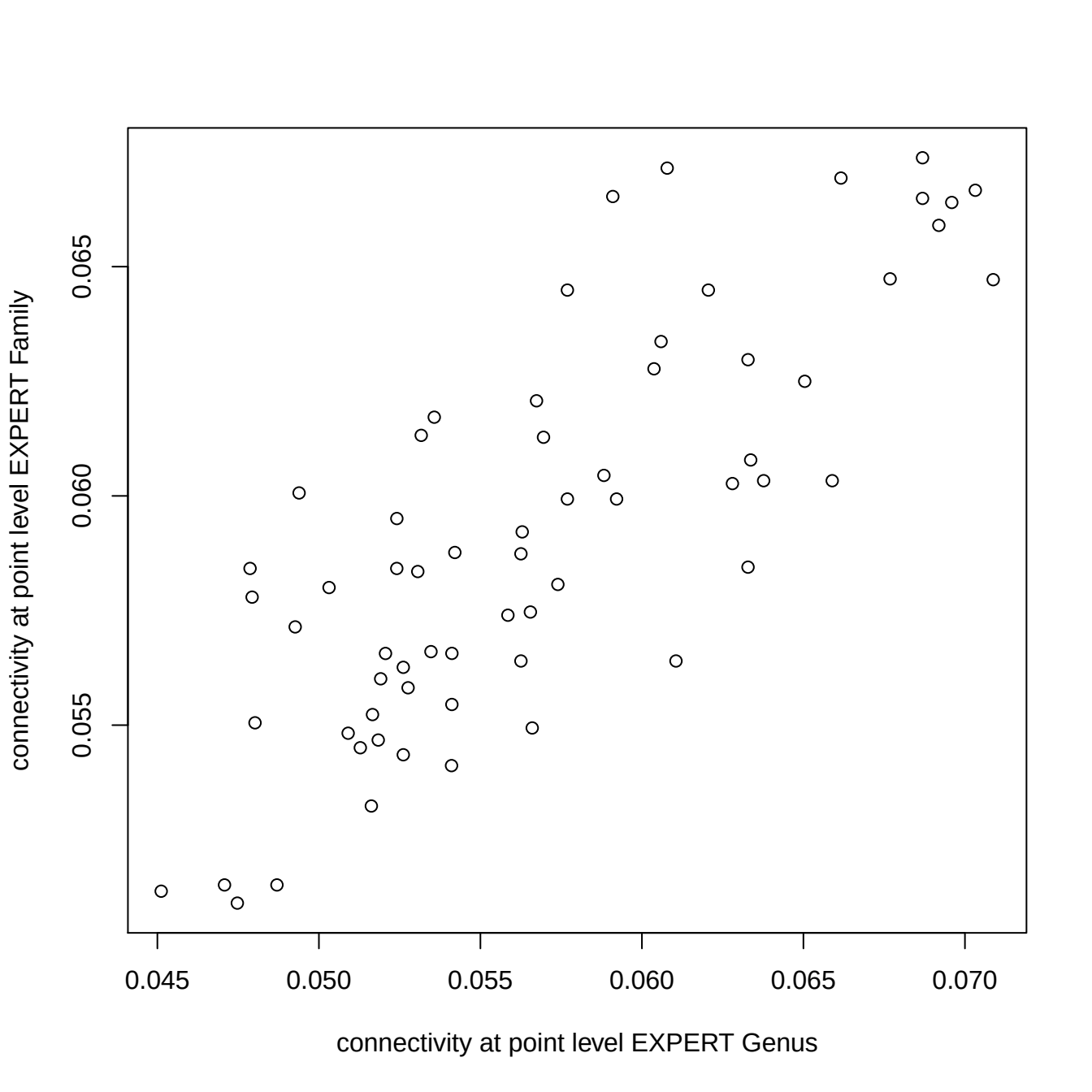

connectivity
0.12
0.10
0.08
0.06
Level 2 connectivity
0.04
0.06
0.08
0.10
Level 1 connectivity
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

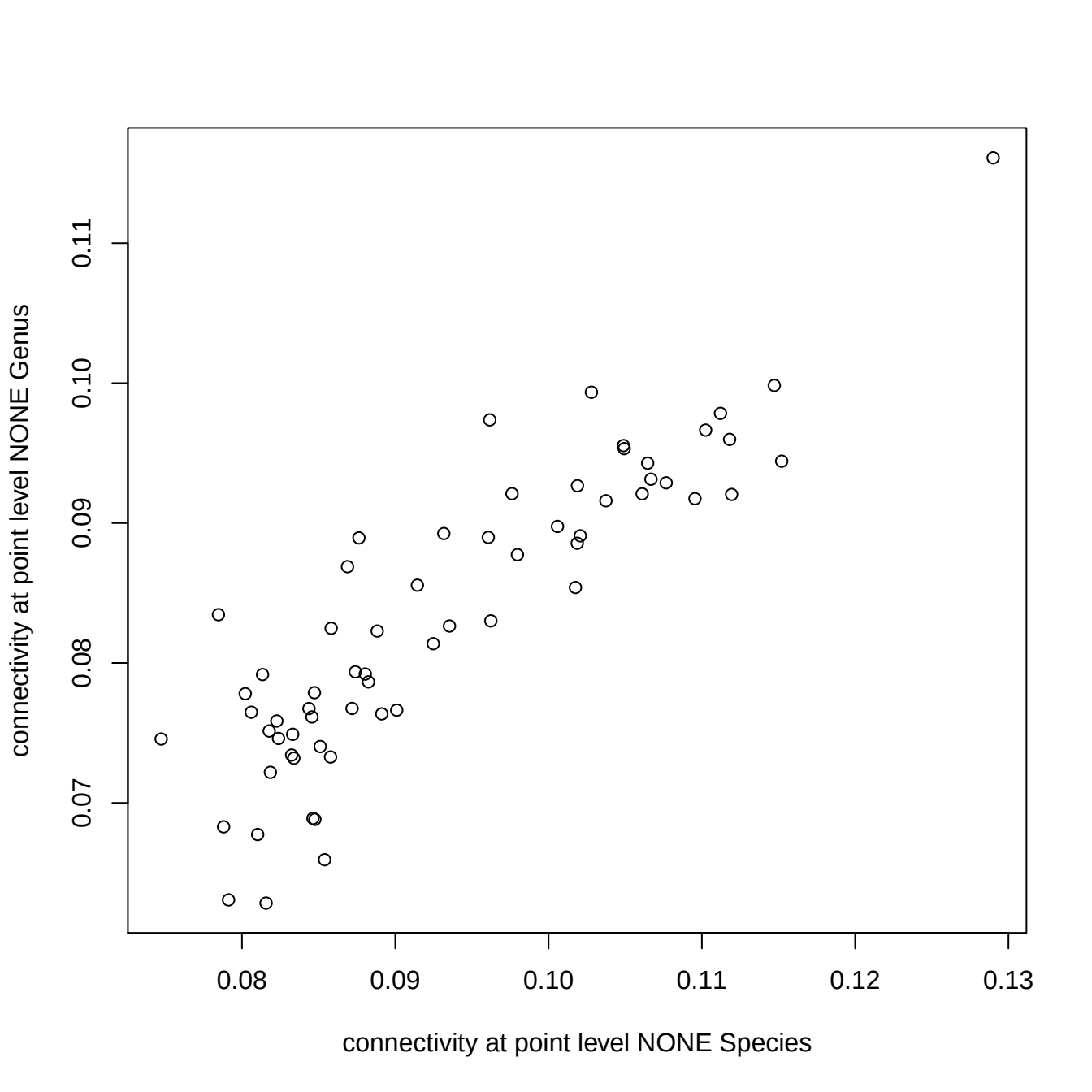

connectivity at point level
0.75
0.50
0.25
0.00
R²
EXPERT
NONE
SBM
Clustering method
taxonomic_level
Genus_Family
Species_Genus

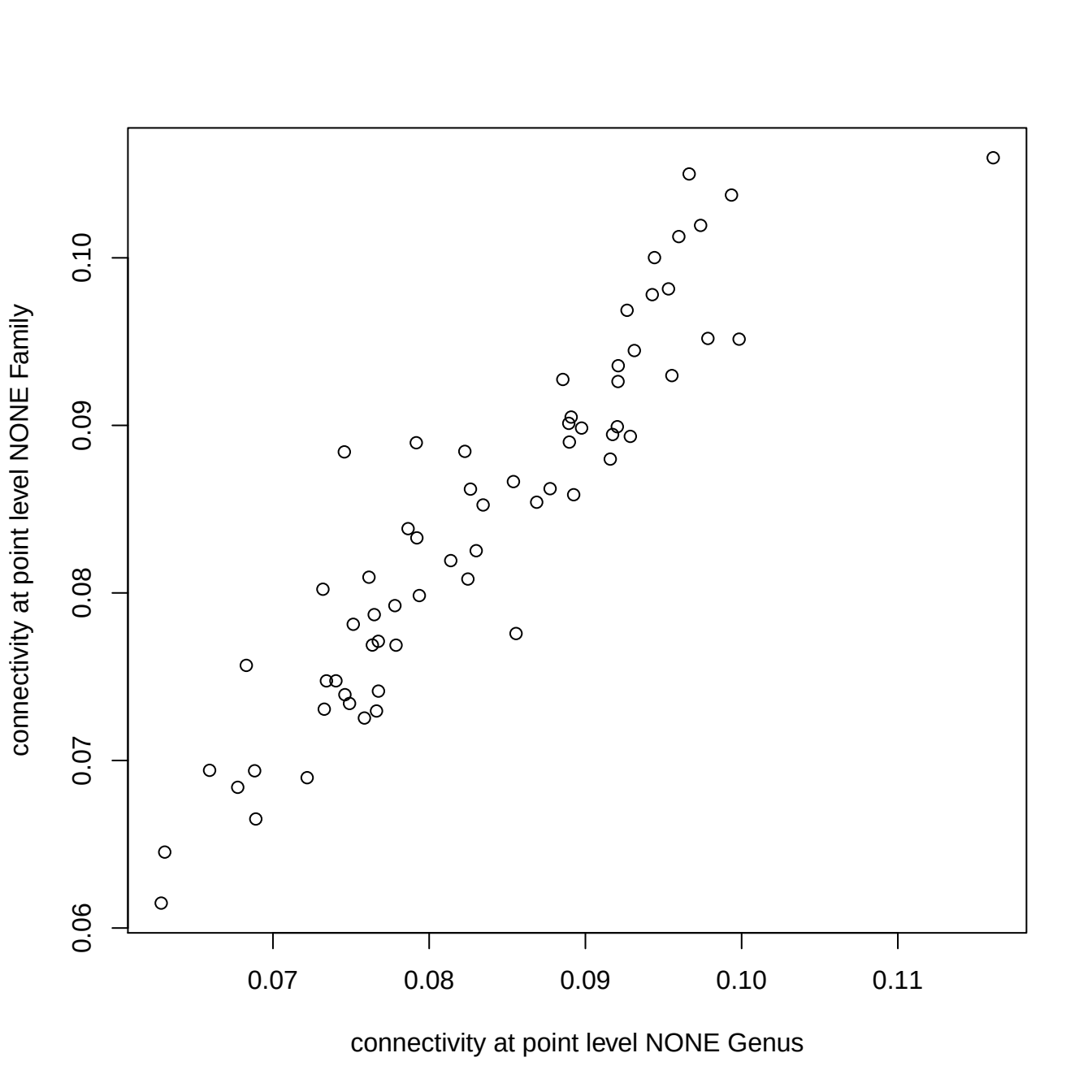

connectivity at point level SBM Genus
0.085
0.090
0.095
0.100
0.105
0.090
0.095
0.100
0.105
connectivity at point level SBM Species

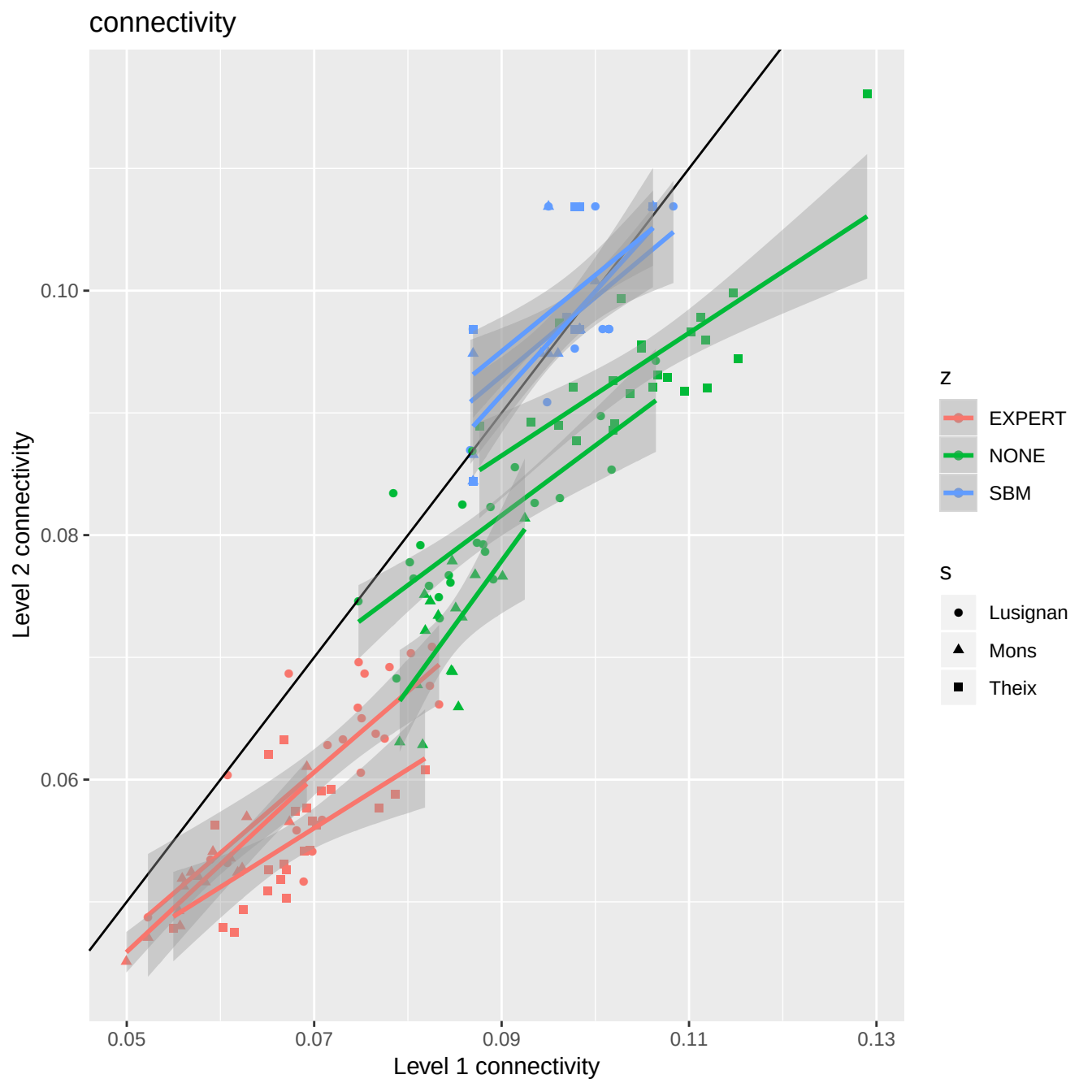

connectivity at point level SBM Family
0.085
0.090
0.095
0.100
0.105
connectivity at point level SBM Genus
0.085
0.090
0.095
0.100
0.105

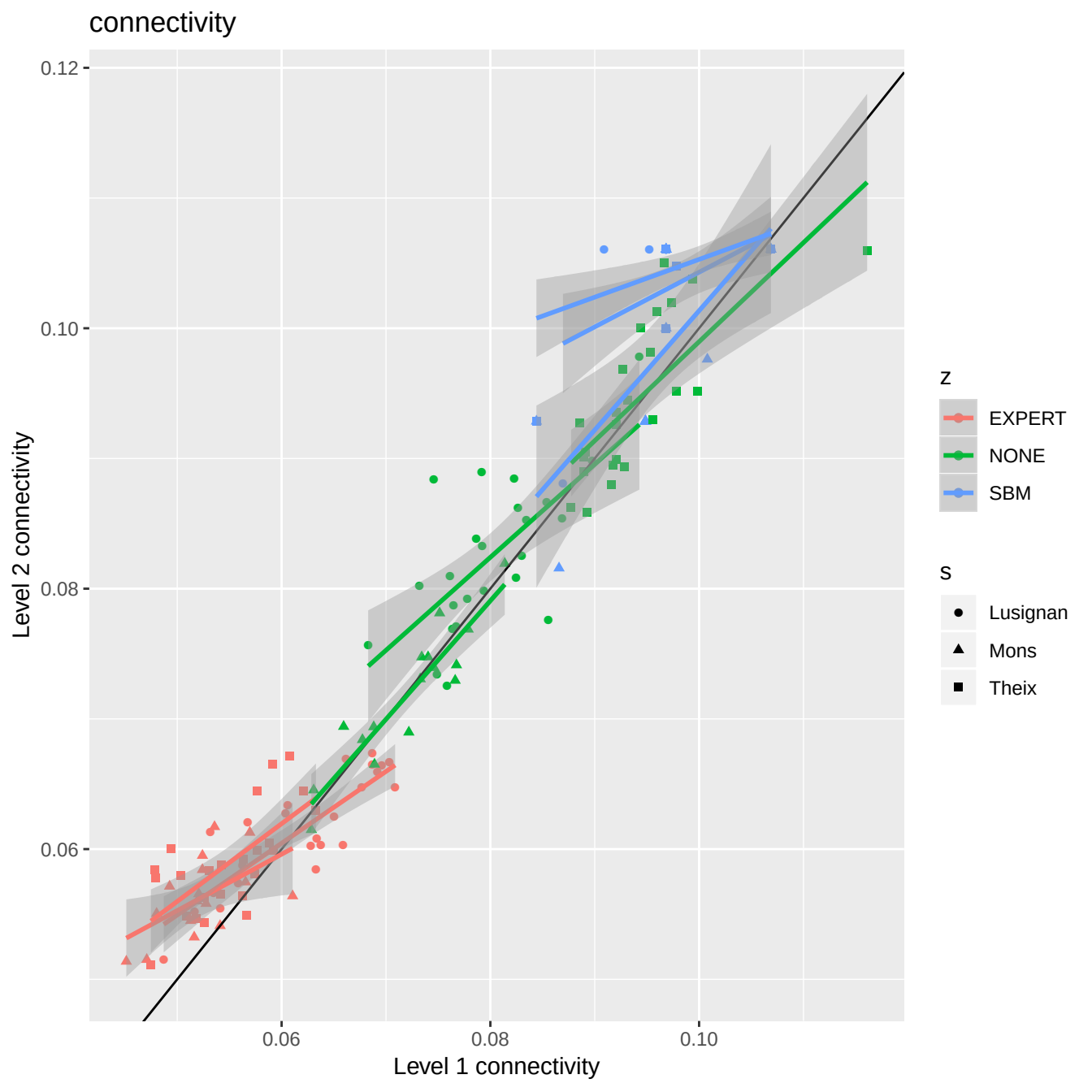

connectivity at point level EXPERT Genus
0.045
0.050
0.055
0.060
0.065
0.070
0.050
0.055
0.060
0.065
0.070
0.075
0.080
connectivity at point level EXPERT Species

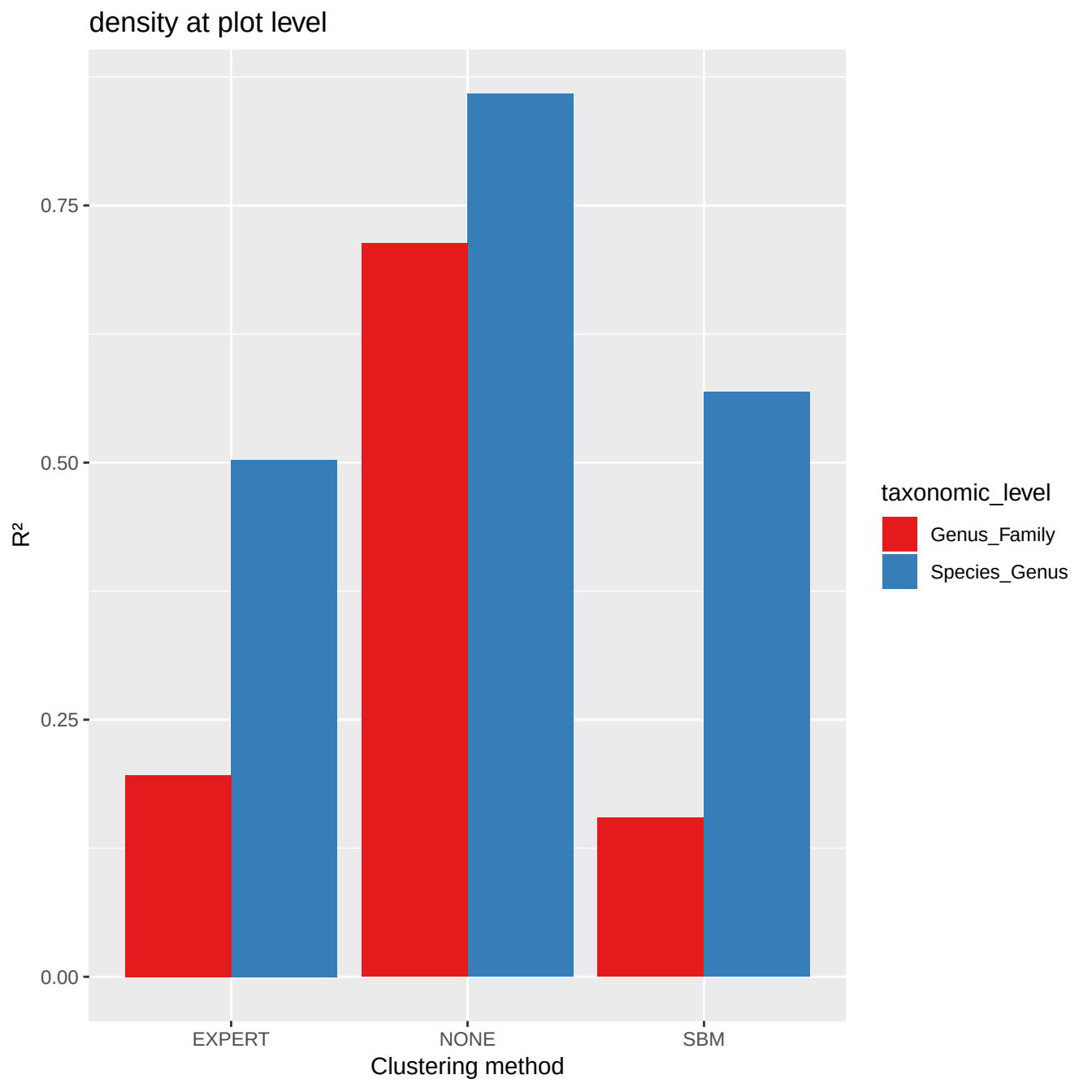

connectivity at point level EXPERT Family
0.055
0.060
0.065
0.045
0.050
0.055
0.060
0.065
0.070
connectivity at point level EXPERT Genus

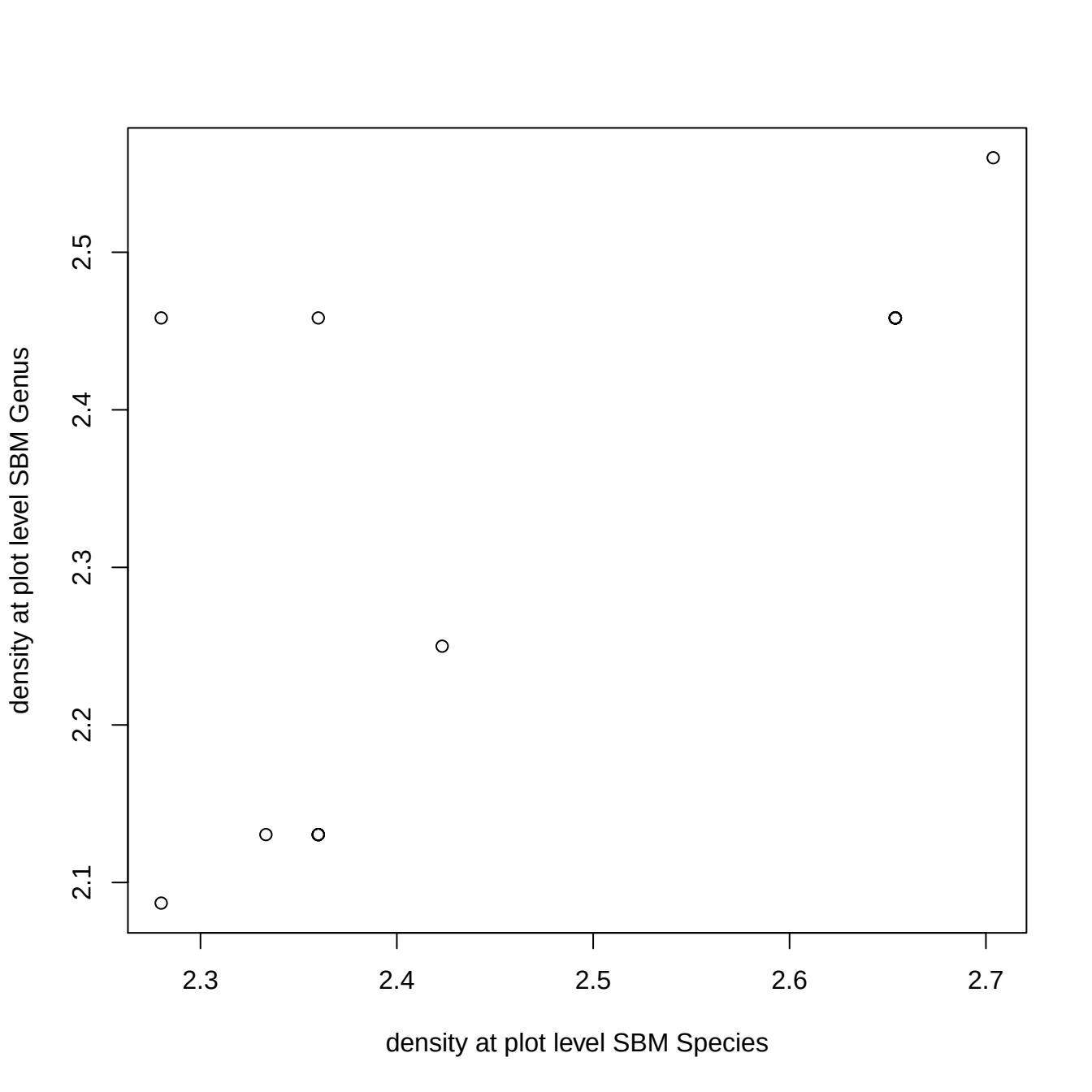

connectivity at point level NONE Genus
0.07
0.08
0.09
0.10
0.11
0.08
0.09
0.10
0.11
0.12
0.13
connectivity at point level NONE Species

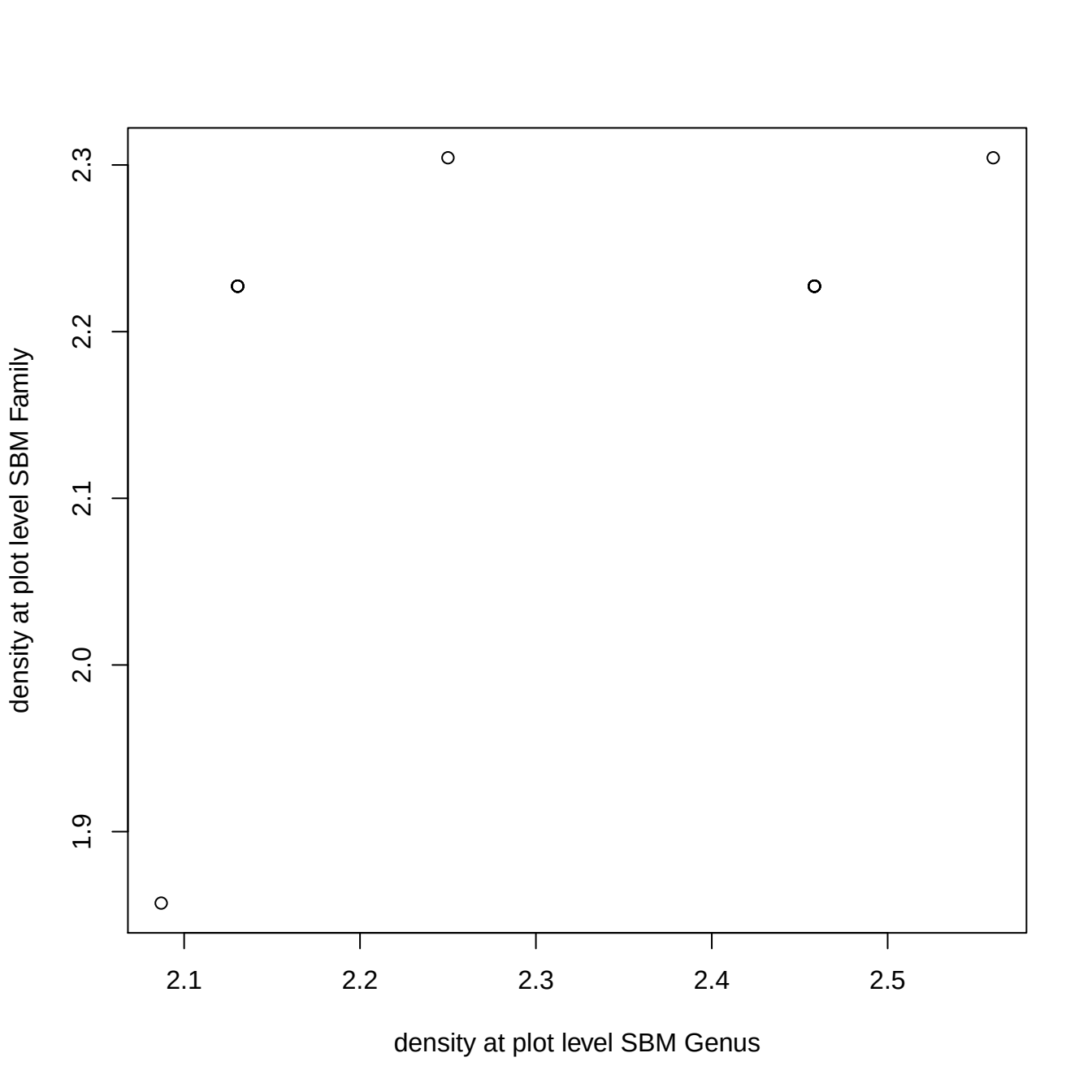

connectivity at point level NONE Family
0.06
0.07
0.08
0.09
0.10
0.07
0.08
0.09
0.10
0.11
connectivity at point level NONE Genus

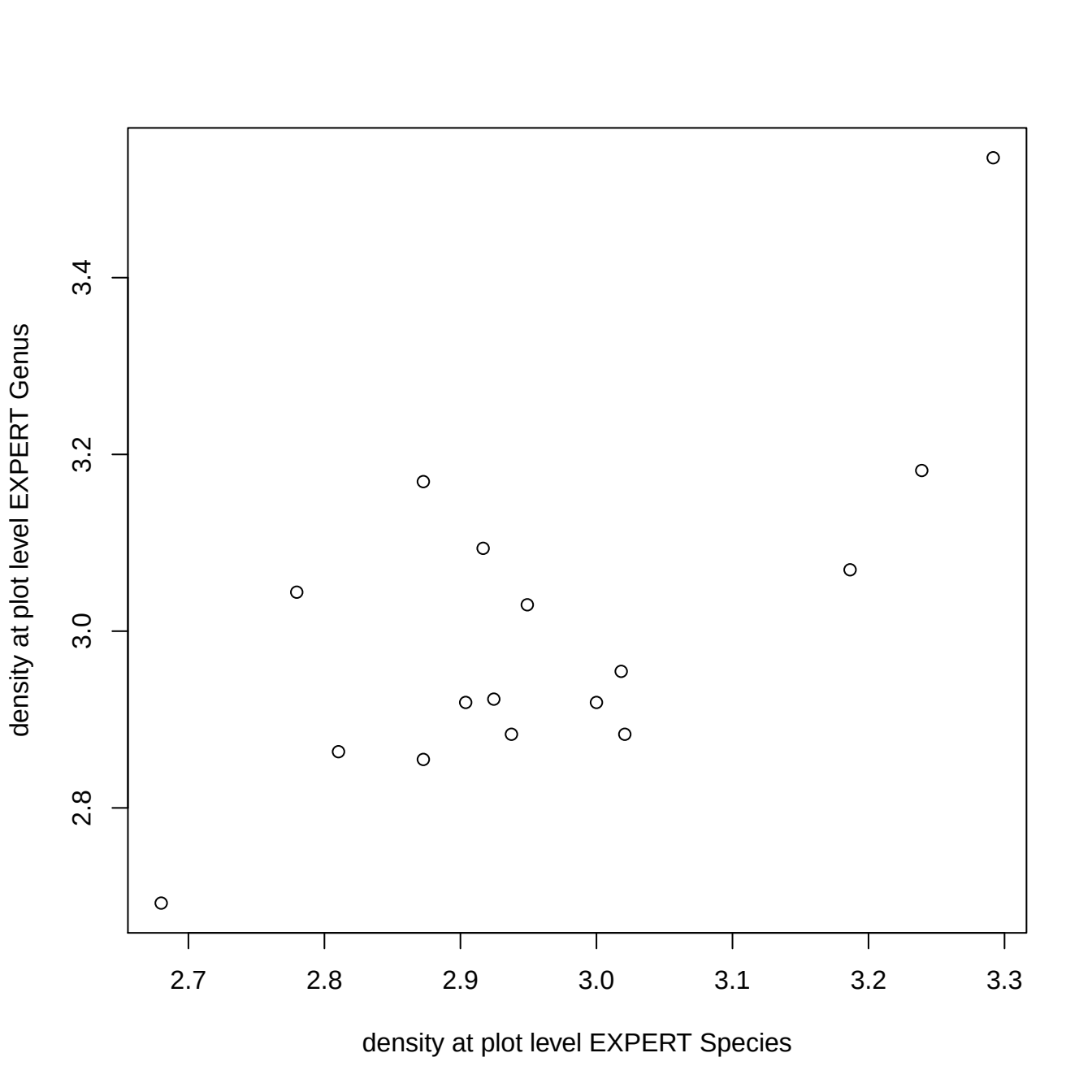

connectivity
0.10
0.08
0.06
Level 2 connectivity
0.05
0.07
0.09
0.11
0.13
Level 1 connectivity
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

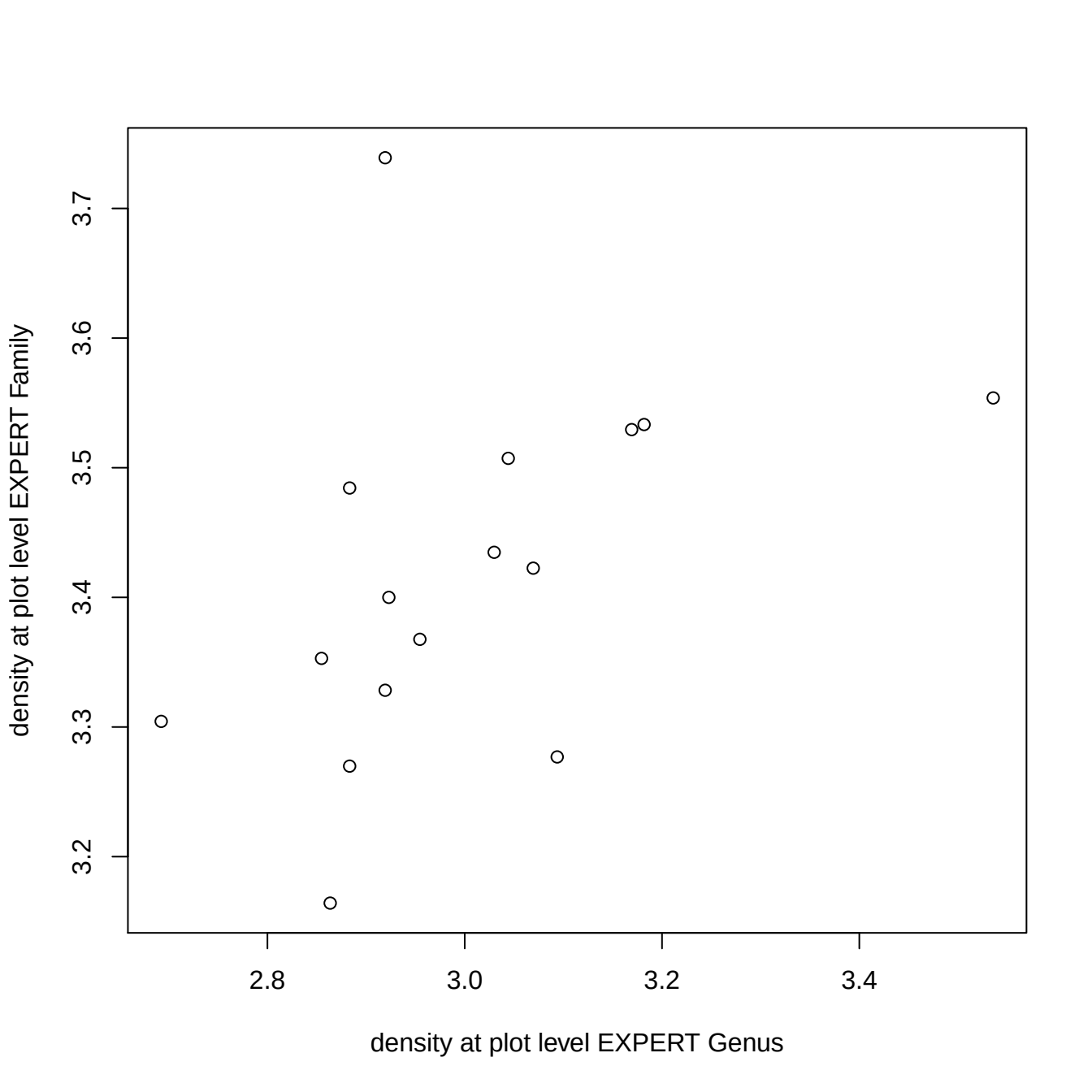

connectivity
0.12
0.10
0.08
0.06
Level 2 connectivity
0.06
0.08
0.10
Level 1 connectivity
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

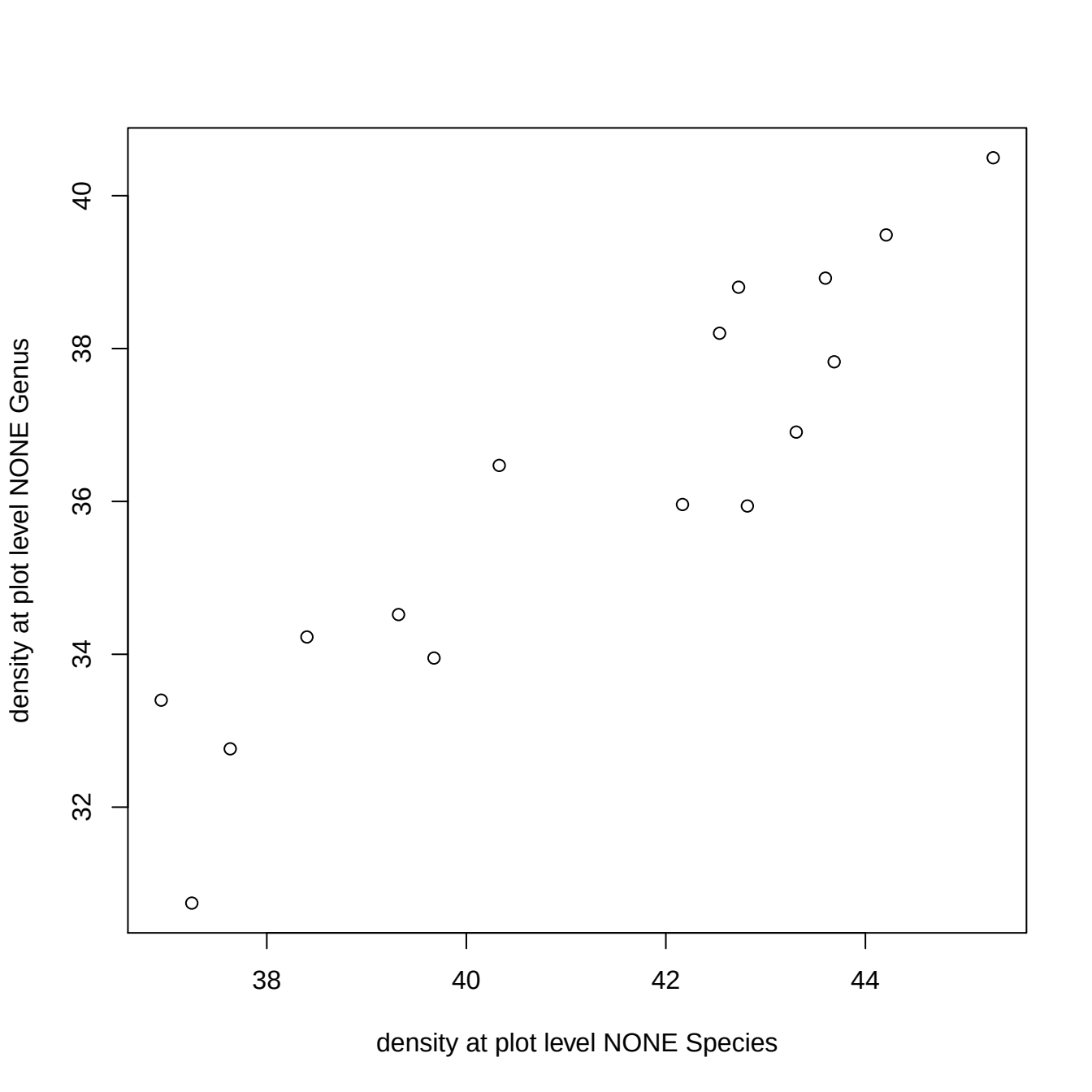

density at plot level
0.75
0.50
0.25
0.00
R²
EXPERT
NONE
SBM
Clustering method
taxonomic_level
Genus_Family
Species_Genus

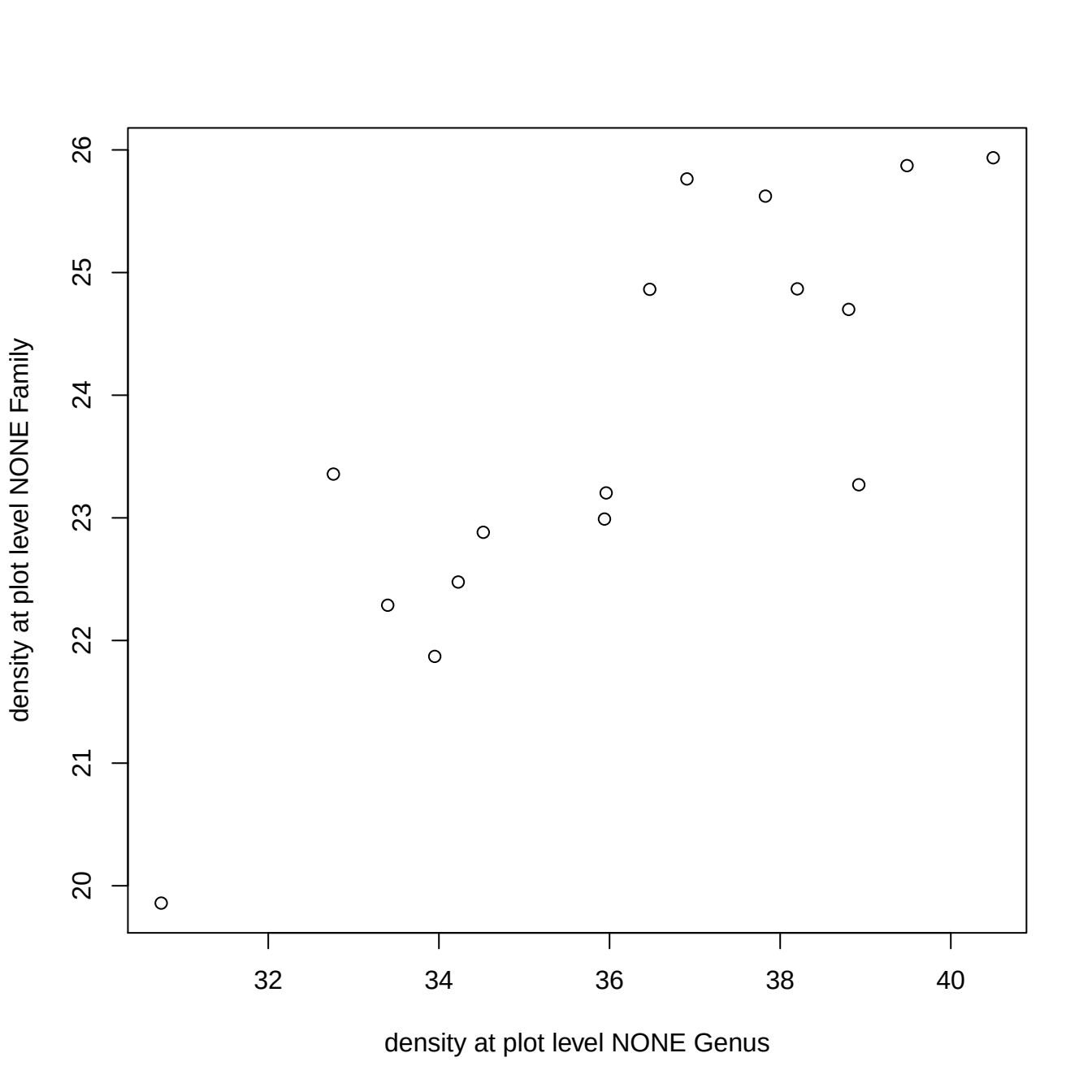

density at plot level SBM Genus
2.1
2.2
2.3
2.4
2.5
2.3
2.4
2.5
2.6
2.7
density at plot level SBM Species

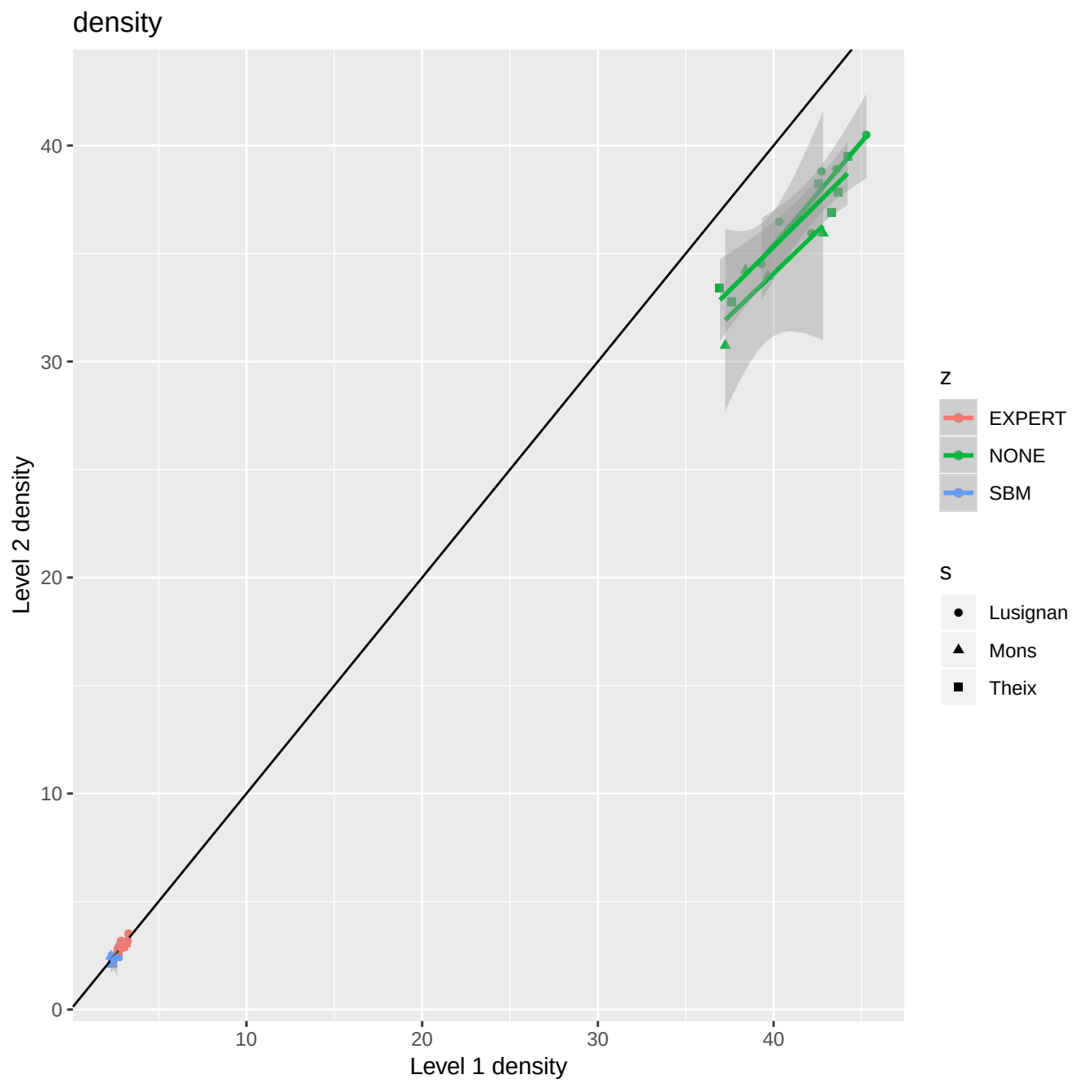

density at plot level SBM Family
1.9
2.0
2.1
2.2
2.3
2.1
2.2
2.3
2.4
2.5
density at plot level SBM Genus

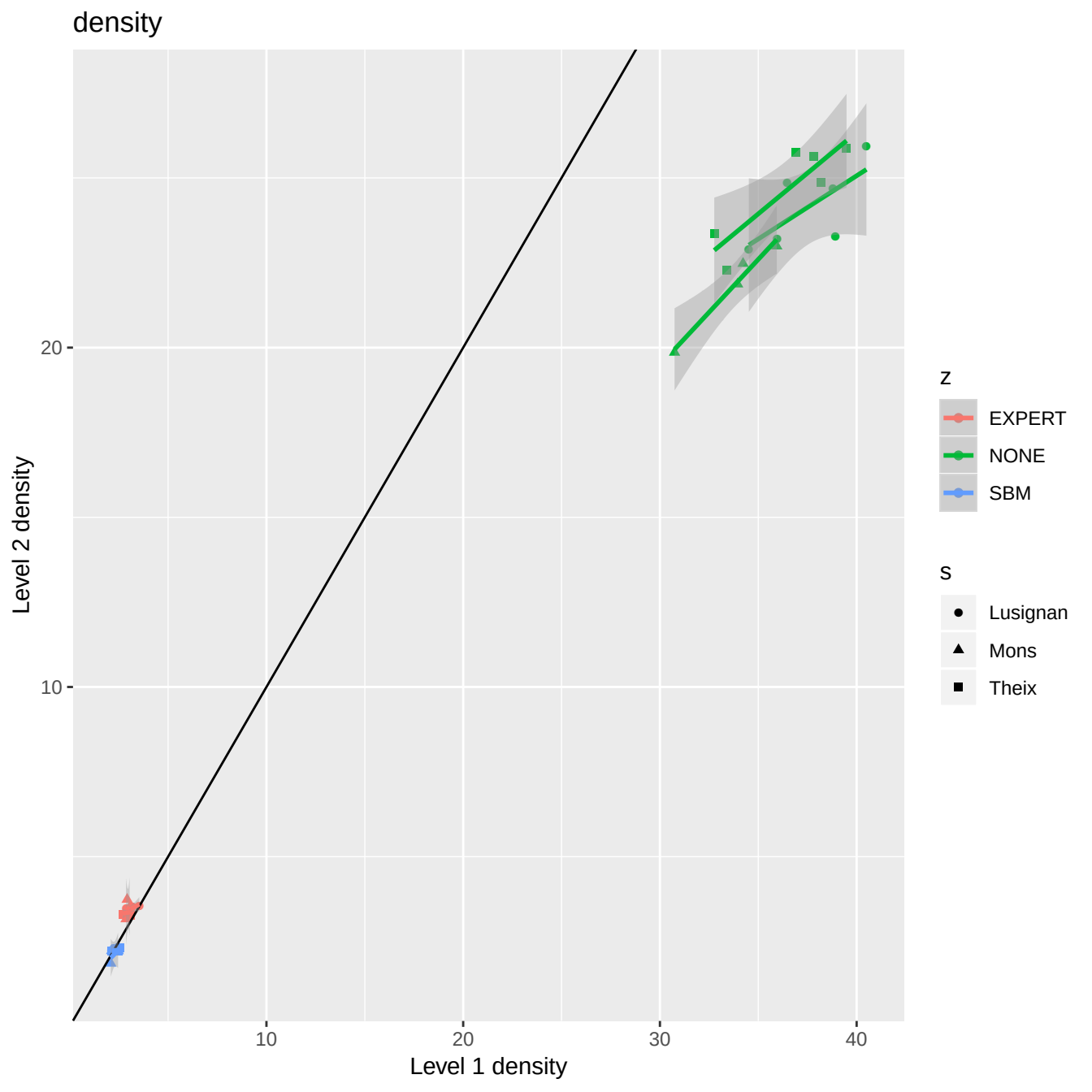

density at plot level EXPERT Genus
2.8
3.0
3.2
3.4
2.7
2.8
2.9
3.0
3.1
3.2
3.3
density at plot level EXPERT Species

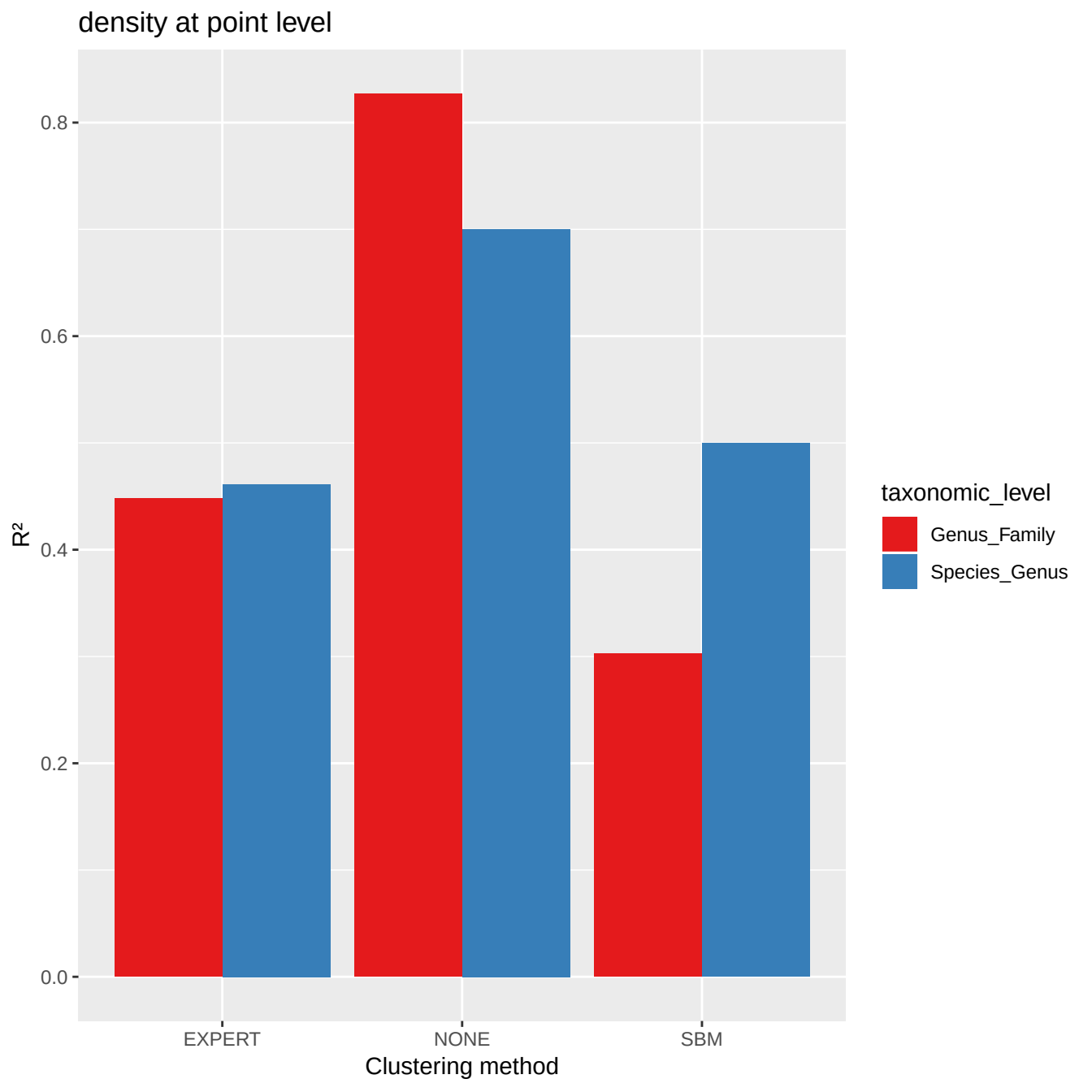

density at plot level EXPERT Family
3.2
3.3
3.4
3.5
3.6
3.7
2.8
3.0
3.2
3.4
density at plot level EXPERT Genus

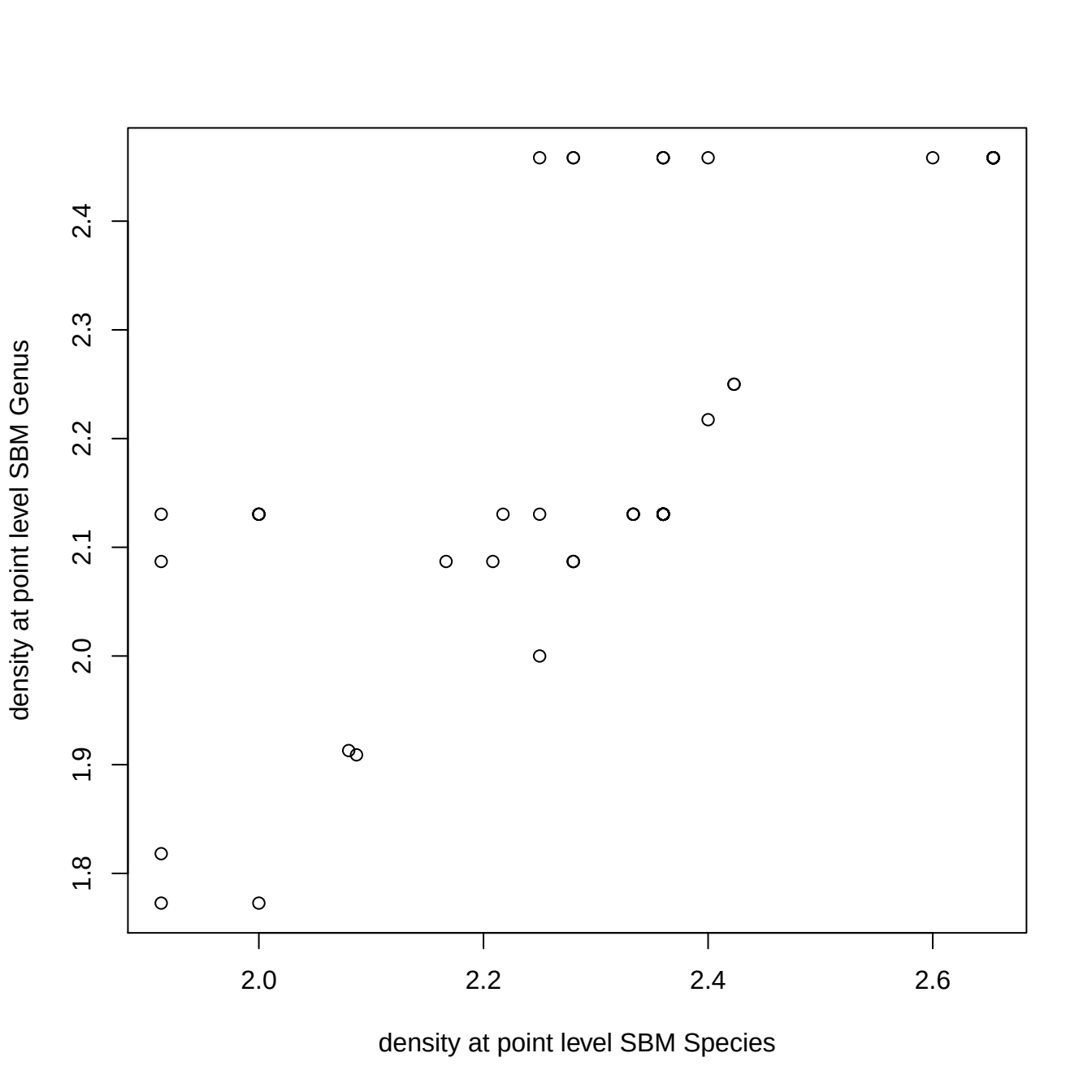

density at plot level NONE Genus
32
34
36
38
40
38
40
42
44
density at plot level NONE Species

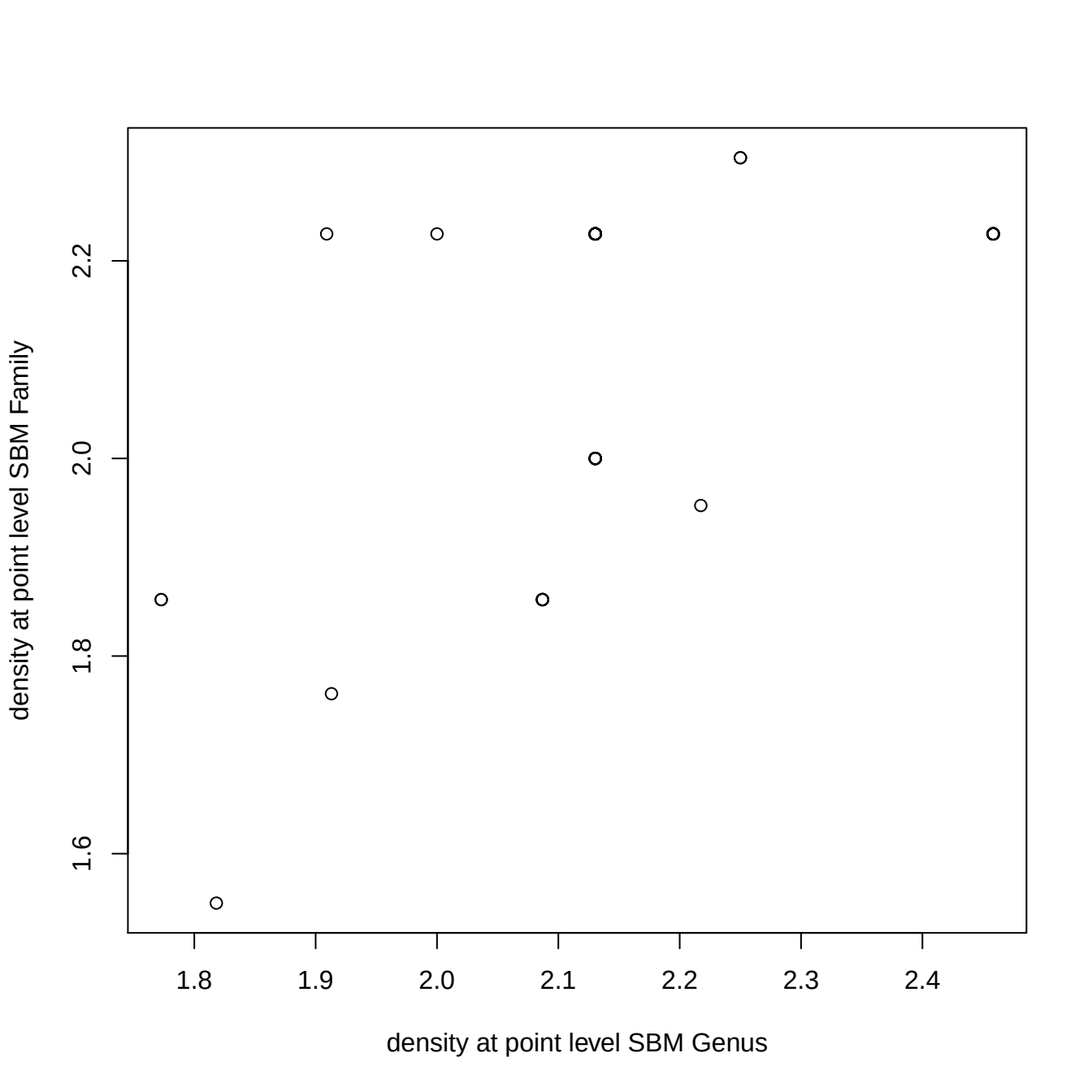

density at plot level NONE Family
density at plot level NONE Genus
20
21
22
23
24
25
26
32
34
36
38
40

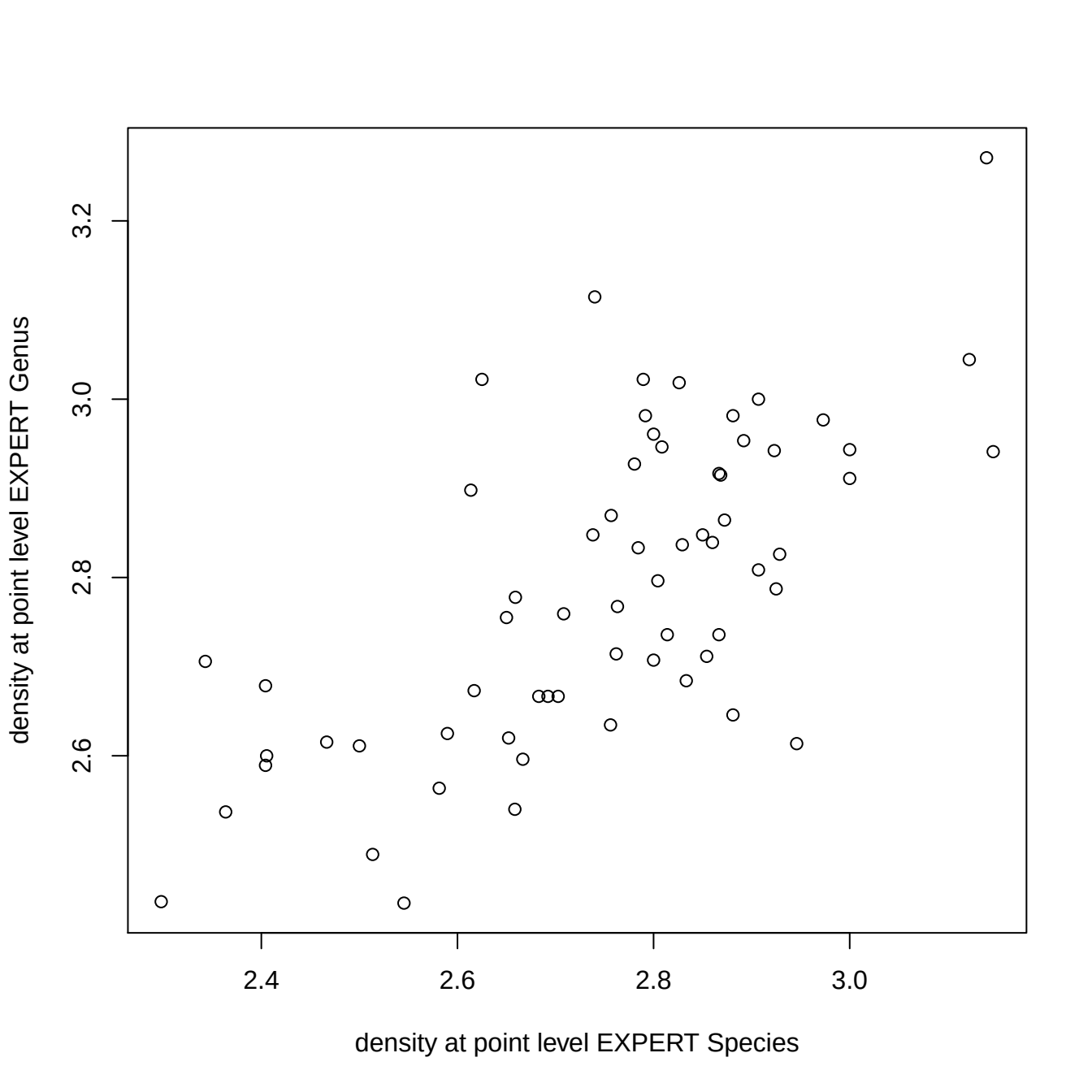

density
Level 2 density
Level 1 density
0
10
20
30
40
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

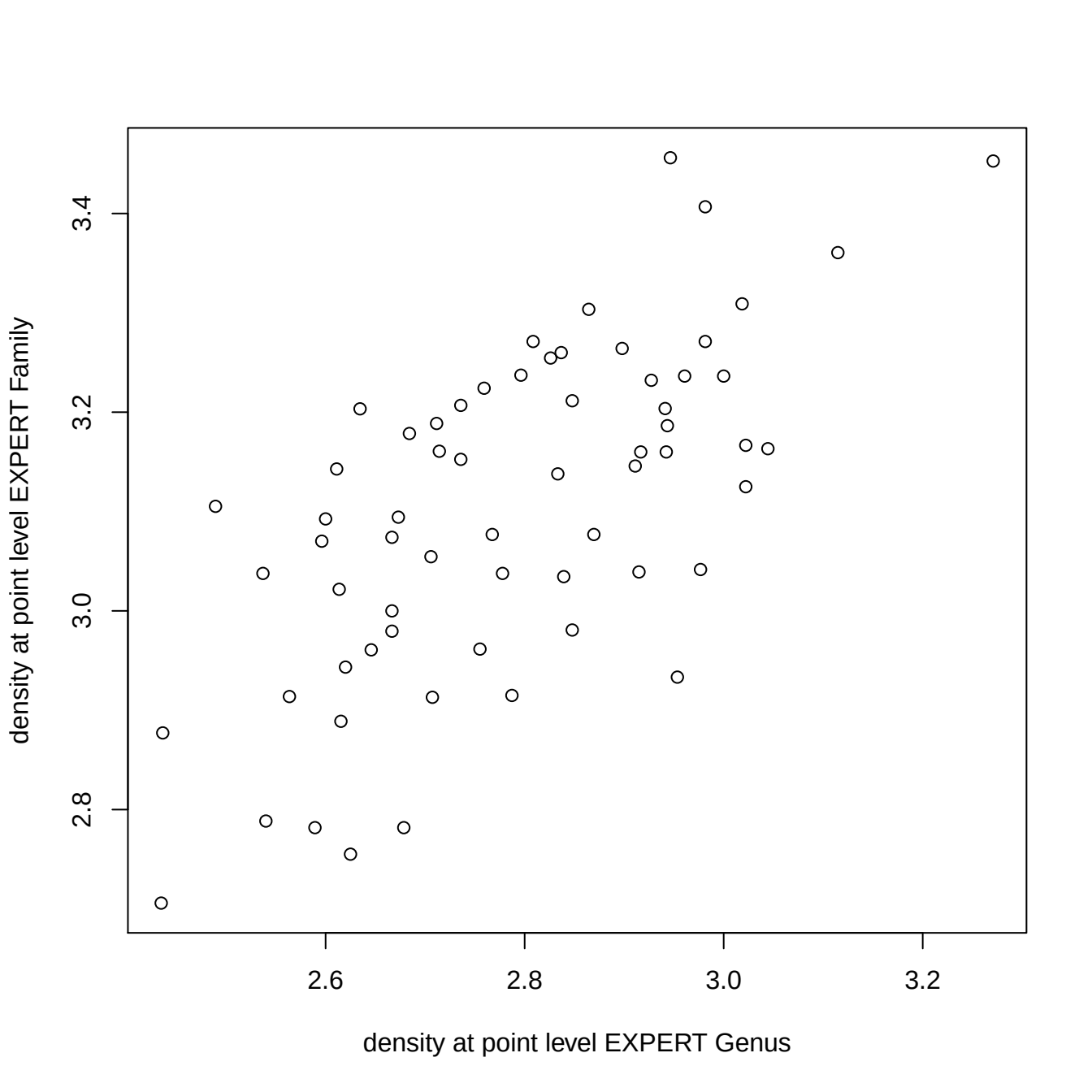

density
Level 2 density
Level 1 density
20
10
10
20
30
40
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

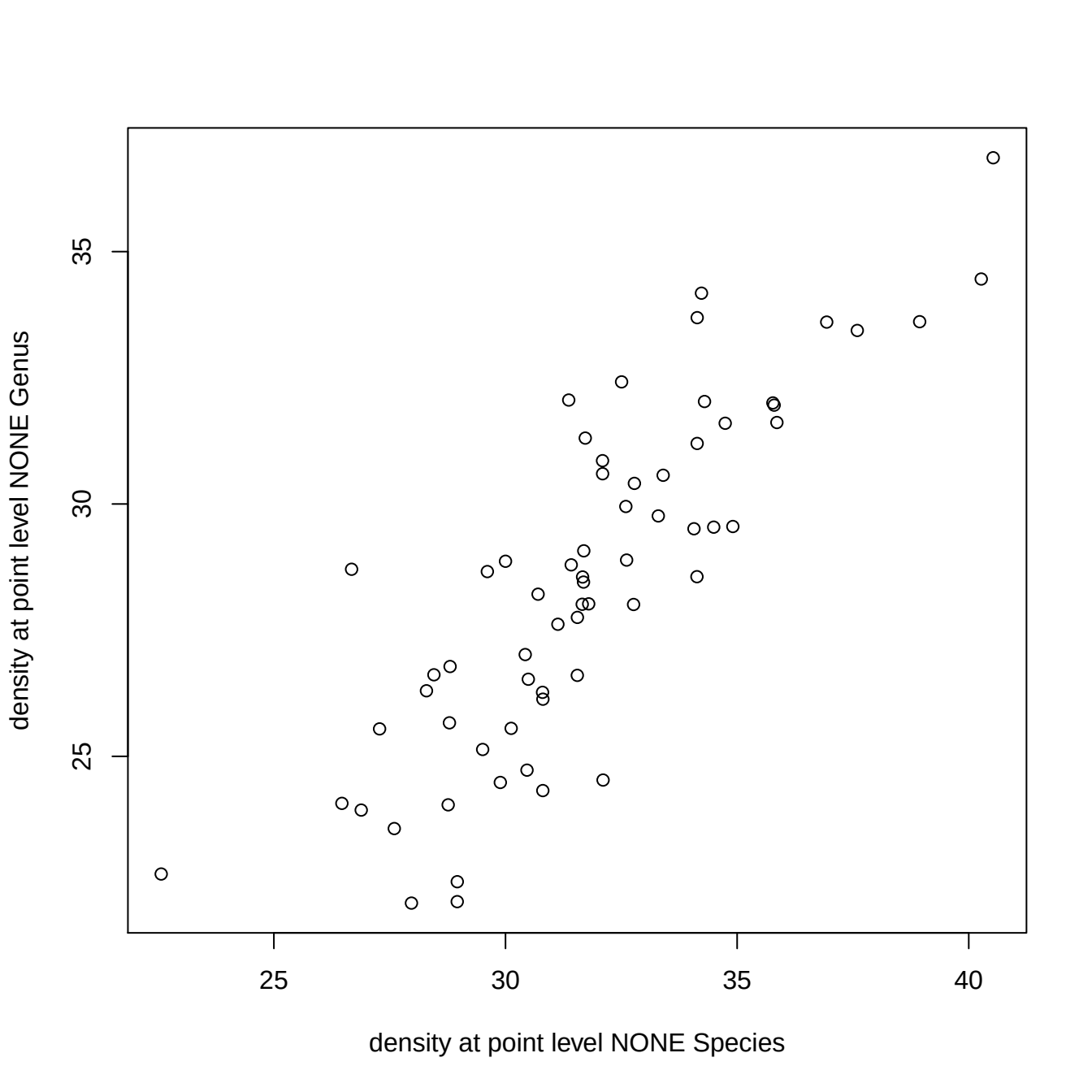

density at point level
0.8
0.6
0.4
0.2
0.0
R²
EXPERT
NONE
SBM
Clustering method
taxonomic_level
Genus_Family
Species_Genus

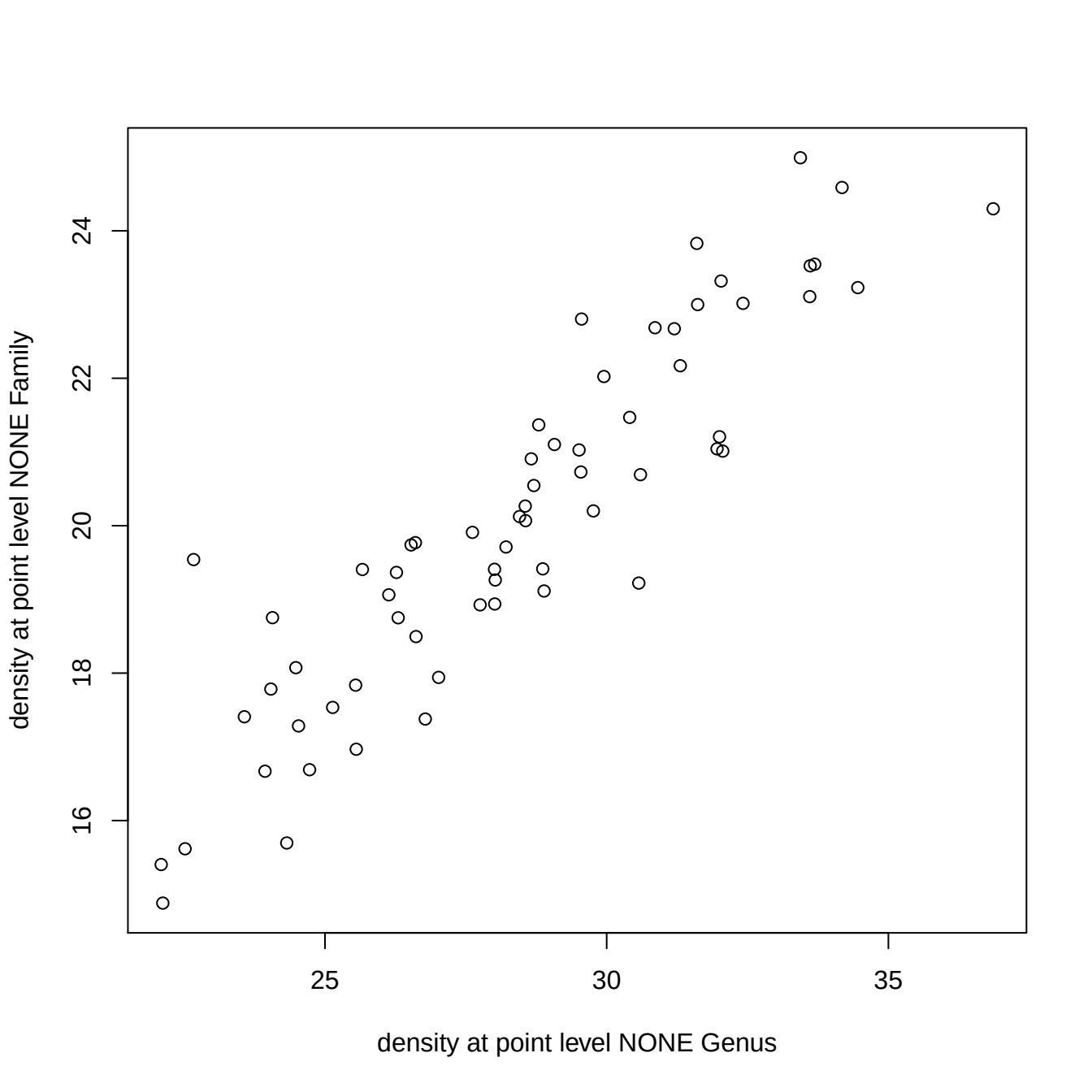

density at point level SBM Genus
1.8
1.9
2.0
2.1
2.2
2.3
2.4
2.0
2.2
2.4
2.6
density at point level SBM Species

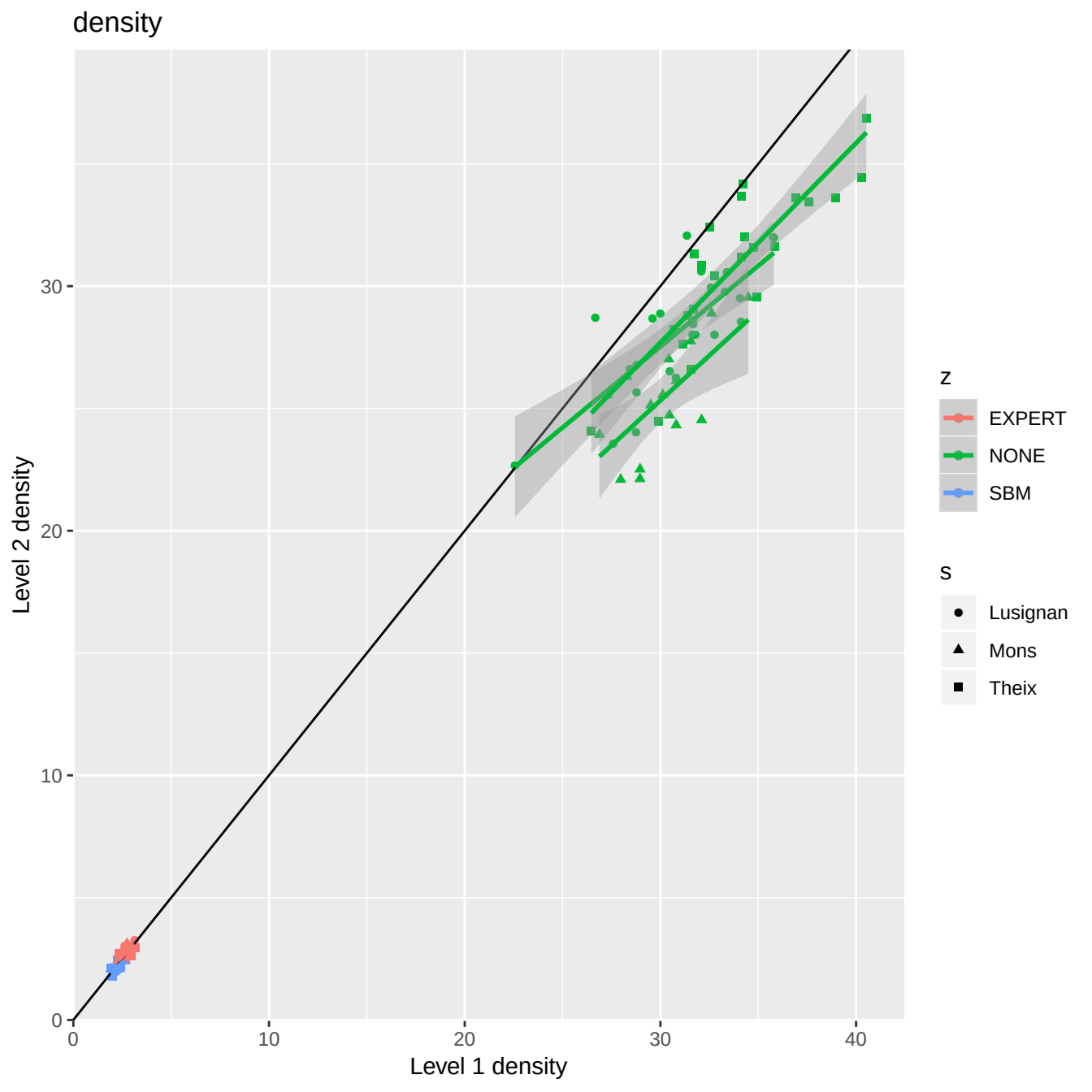

density at point level SBM Family
1.6
1.8
2.0
2.2
1.8
1.9
2.0
2.1
2.2
2.3
2.4
density at point level SBM Genus

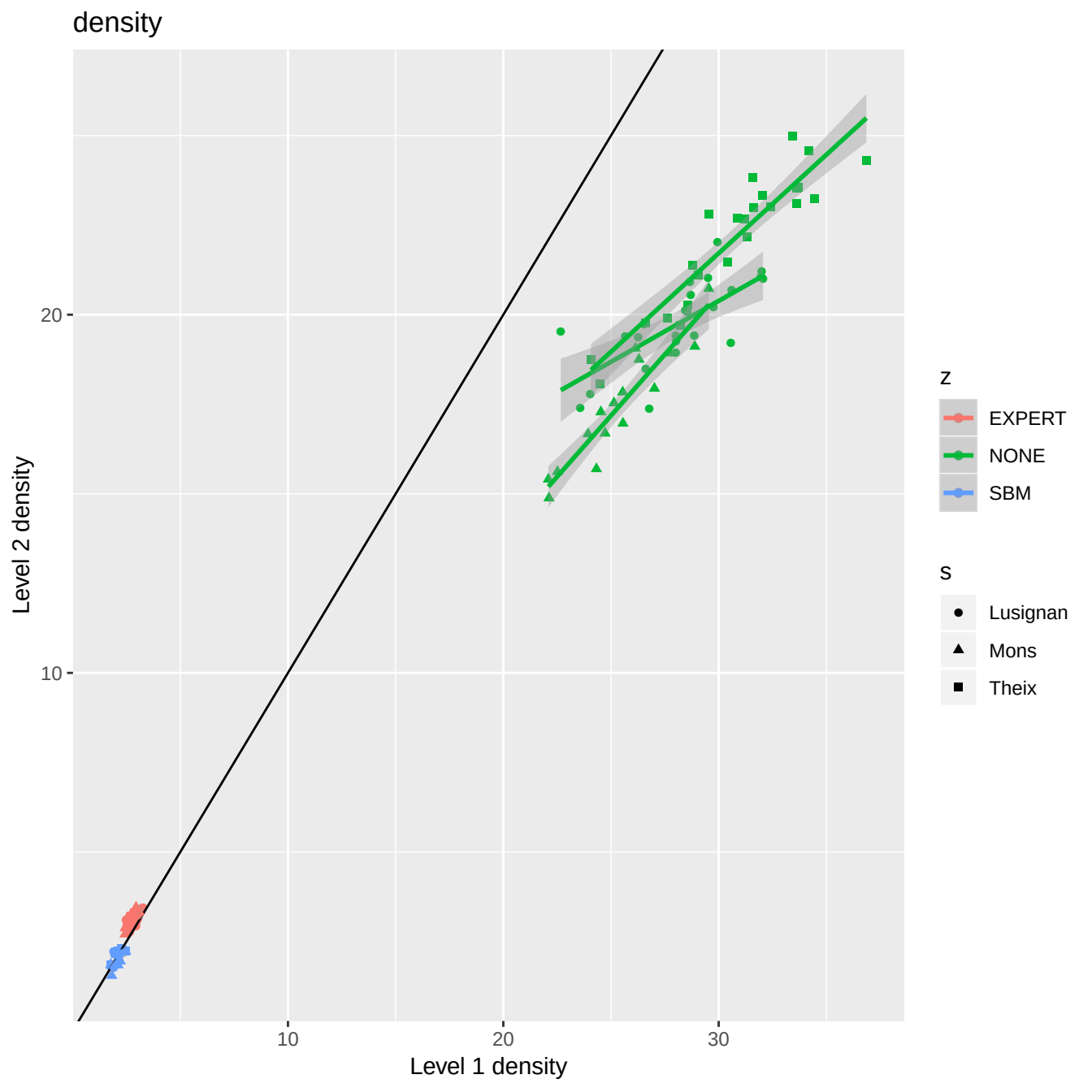

density at point level EXPERT Genus
density at point level EXPERT Species
2.6
2.8
3.0
3.2
2.4
2.6
2.8
3.0

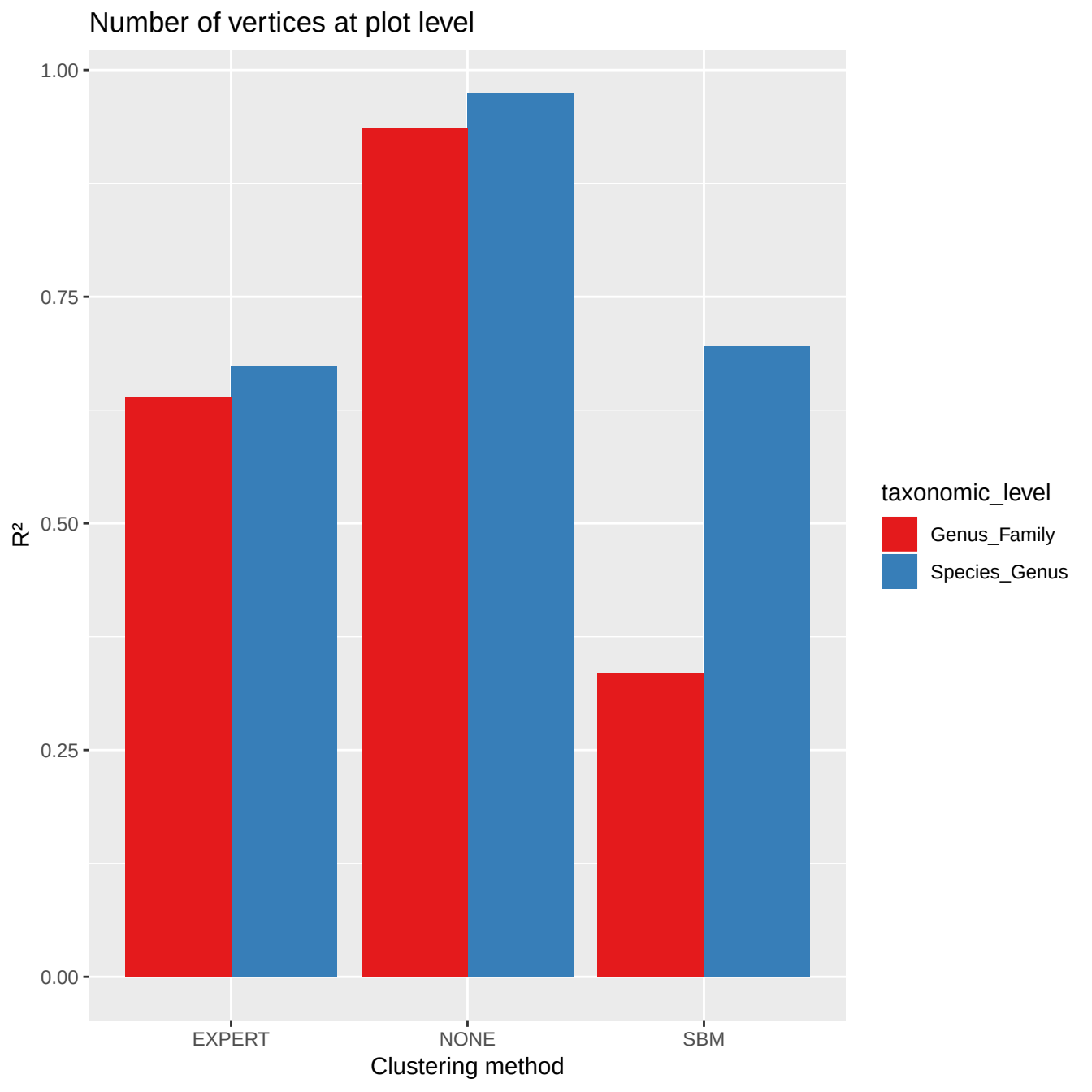

density at point level EXPERT Family
density at point level EXPERT Genus
2.8
3.0
3.2
3.4
2.6
2.8
3.0
3.2

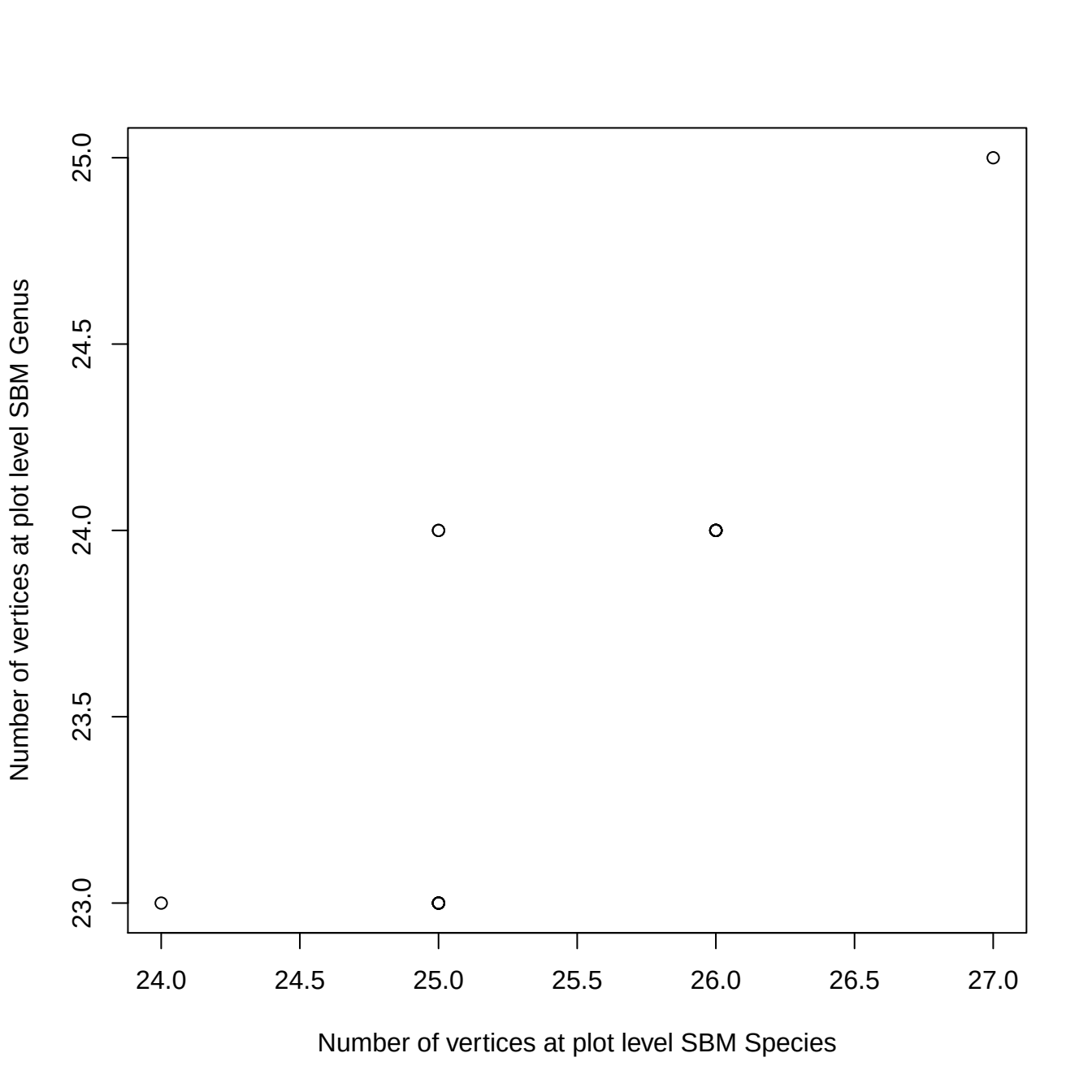

density at point level NONE Genus
density at point level NONE Species
25
30
35
40
25
30
35

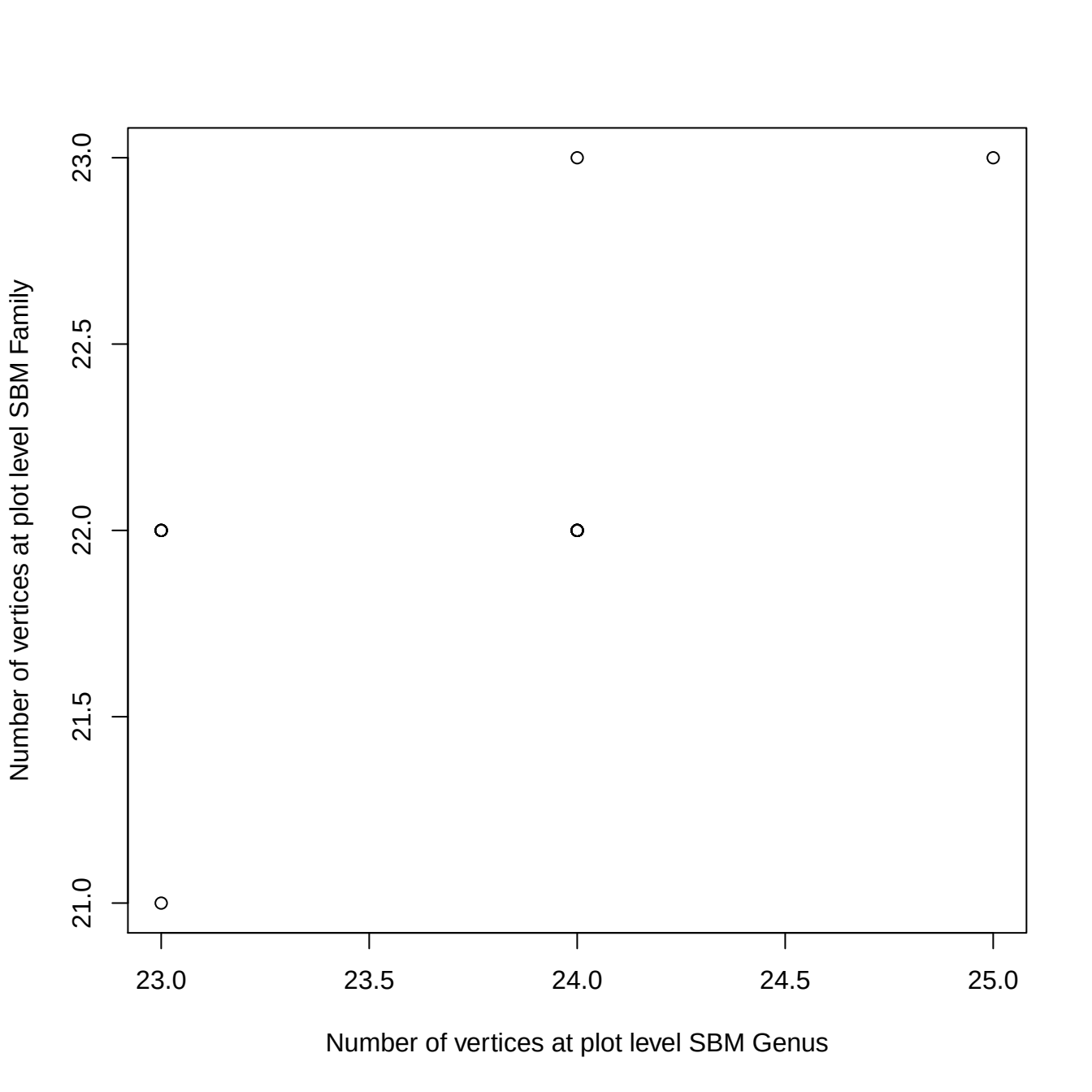

density at point level NONE Family
16
18
20
22
24
25
30
35
density at point level NONE Genus

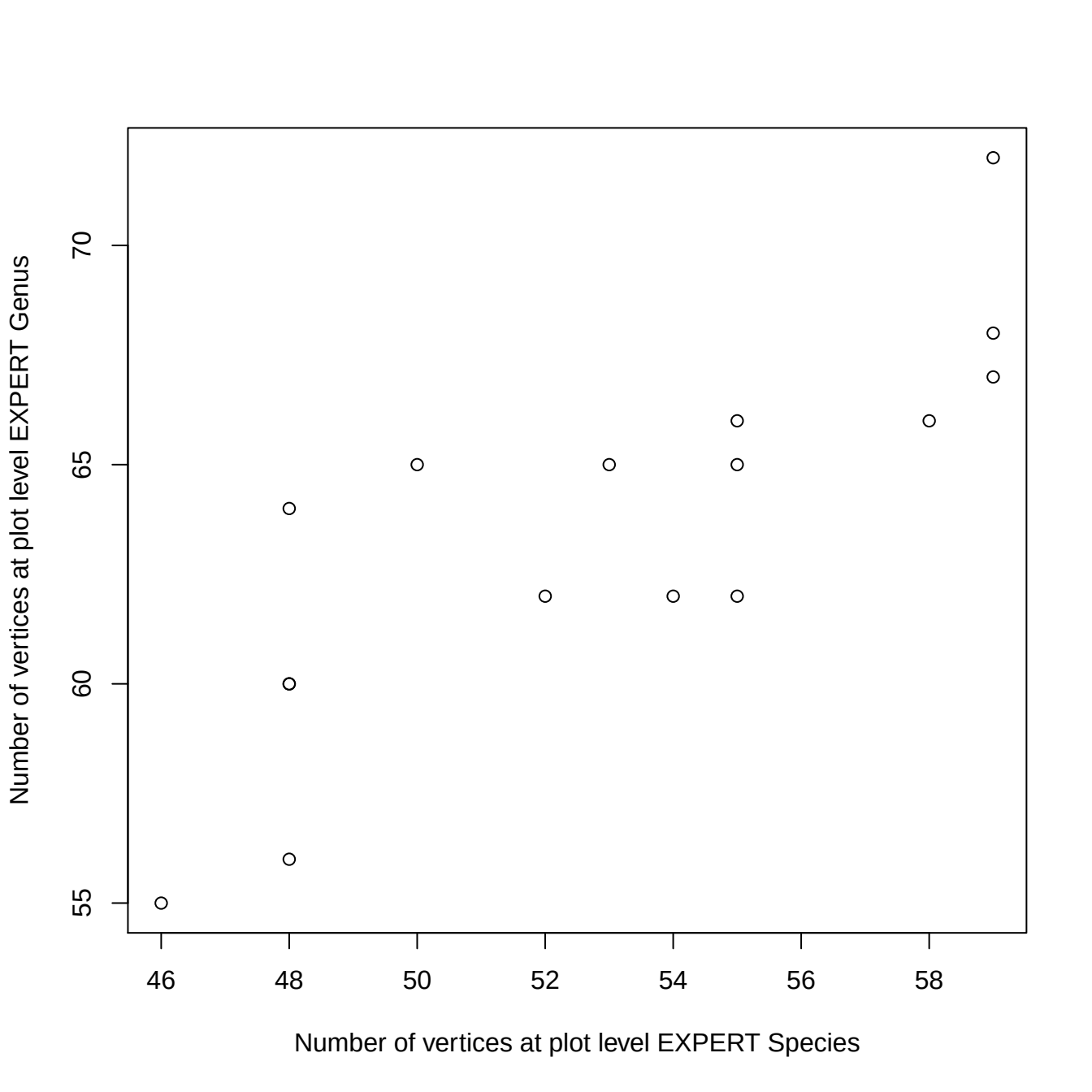

density
Level 2 density
Level 1 density
0
10
20
30
40
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

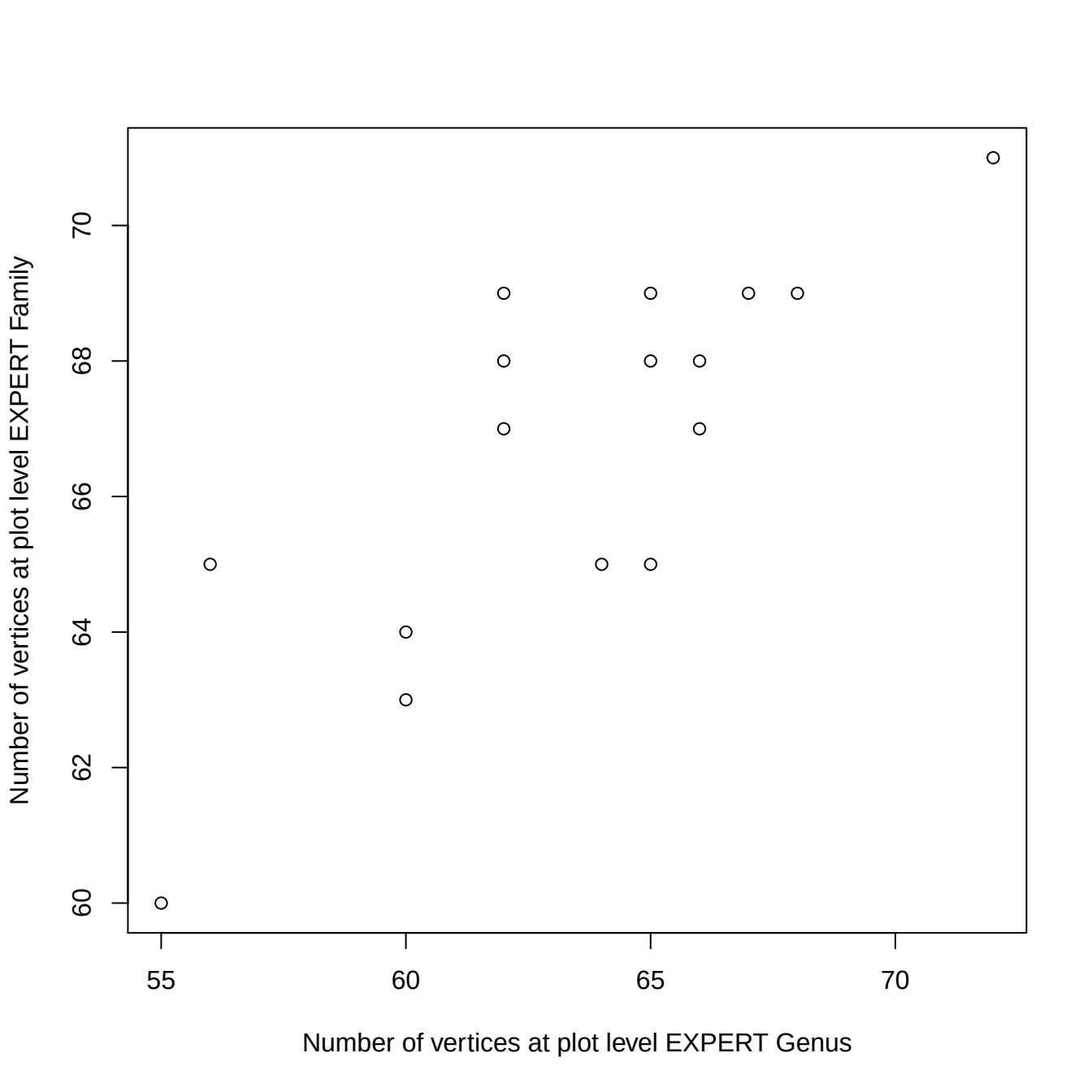

density
Level 2 density
Level 1 density
20
10
10
20
30
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

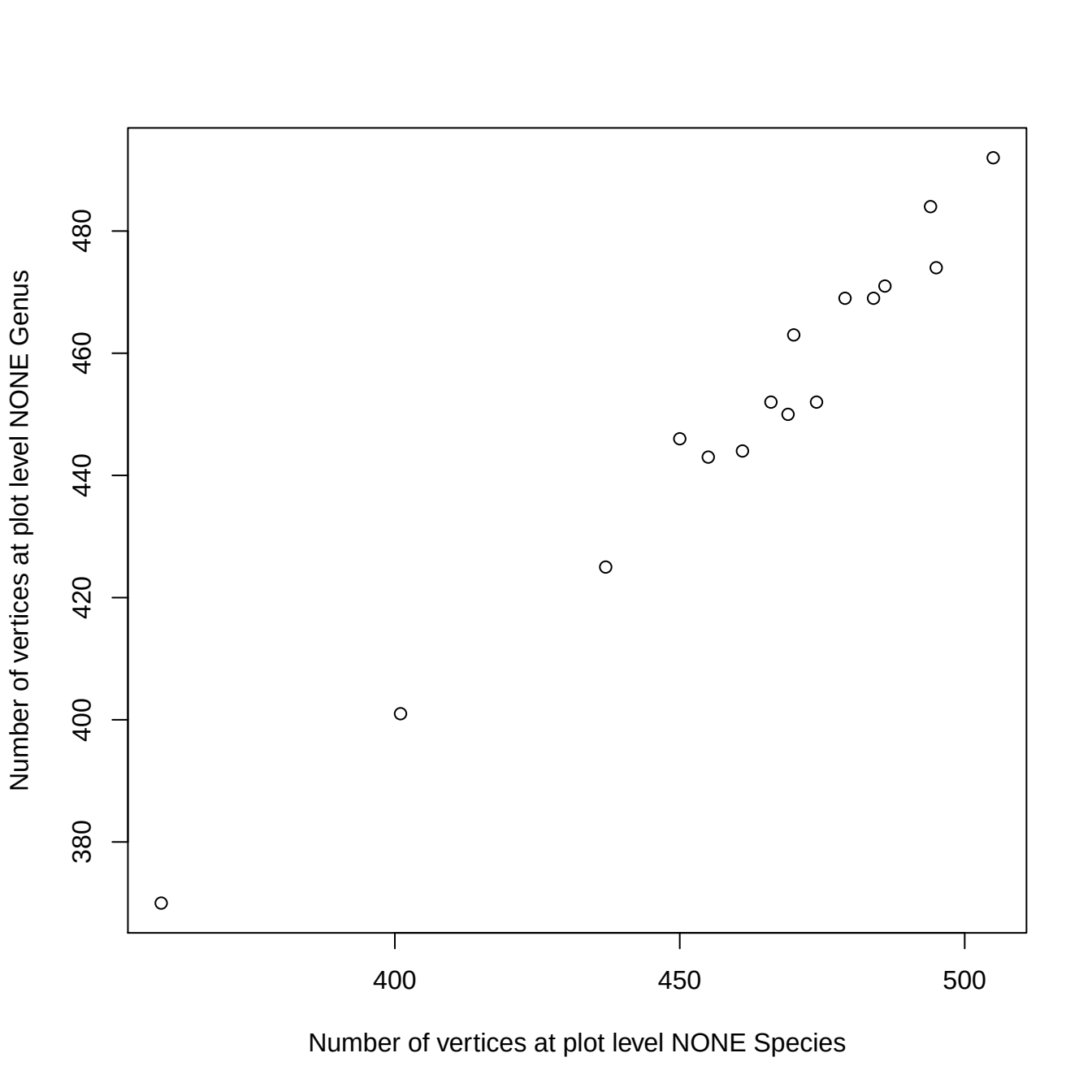

Number of vertices at plot level
1.00
0.75
0.50
0.25
0.00
R²
EXPERT
NONE
SBM
Clustering method
taxonomic_level
Genus_Family
Species_Genus

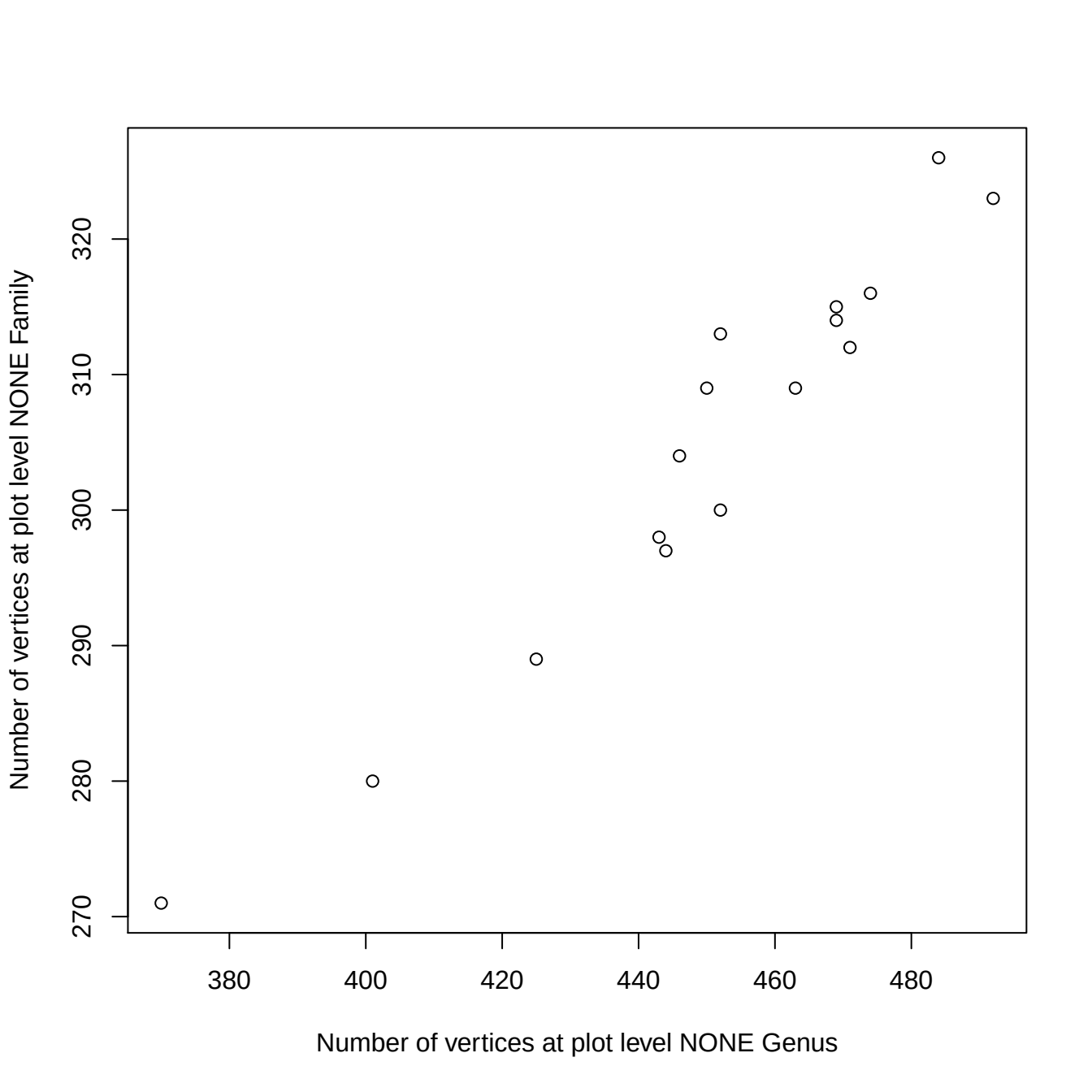

Number of vertices at plot level SBM Genus
23.0
23.5
24.0
24.5
25.0
24.0
24.5
25.0
25.5
26.0
26.5
27.0
Number of vertices at plot level SBM Species

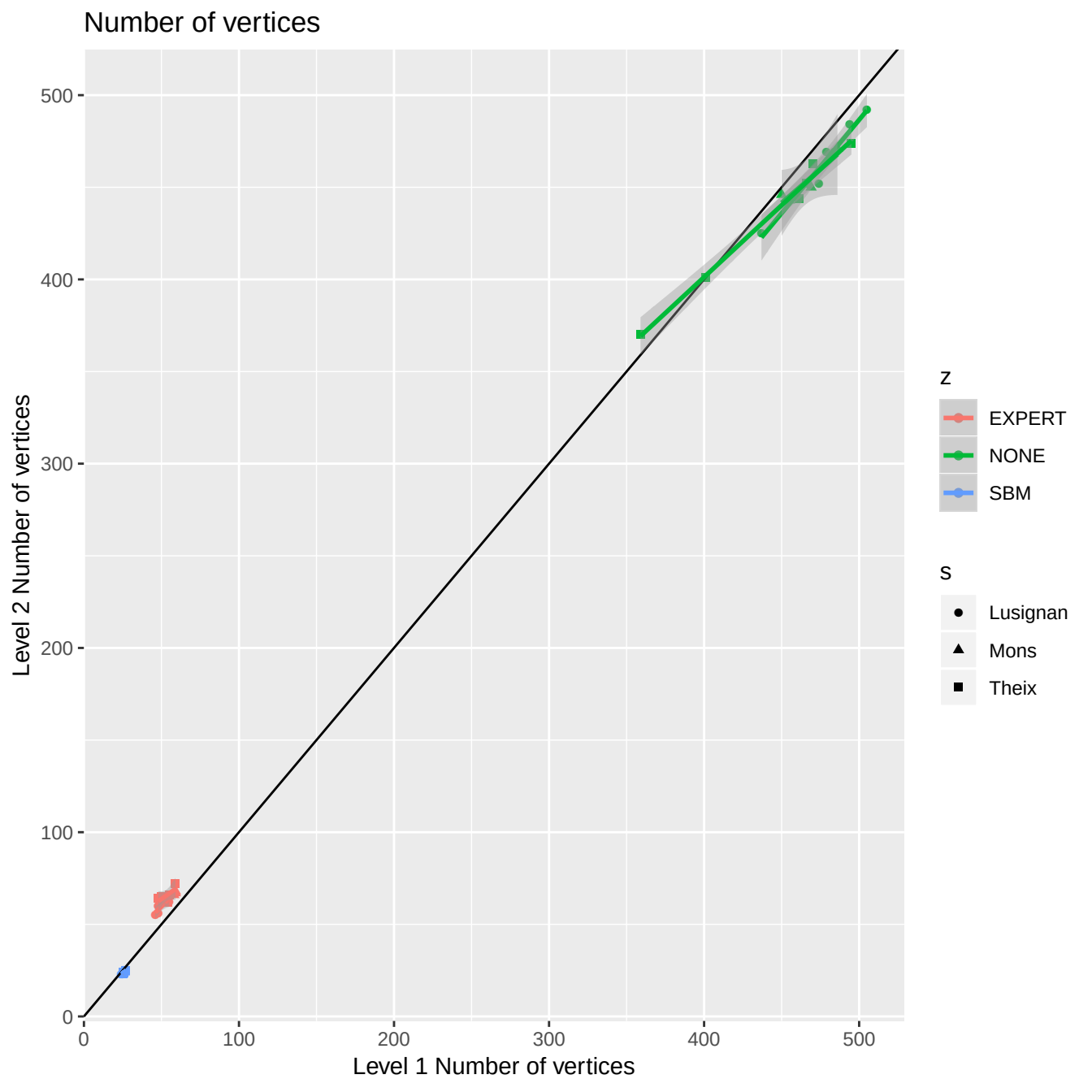

Number of vertices at plot level SBM Family
21.0
21.5
22.0
22.5
23.0
23.0
23.5
24.0
24.5
25.0
Number of vertices at plot level SBM Genus

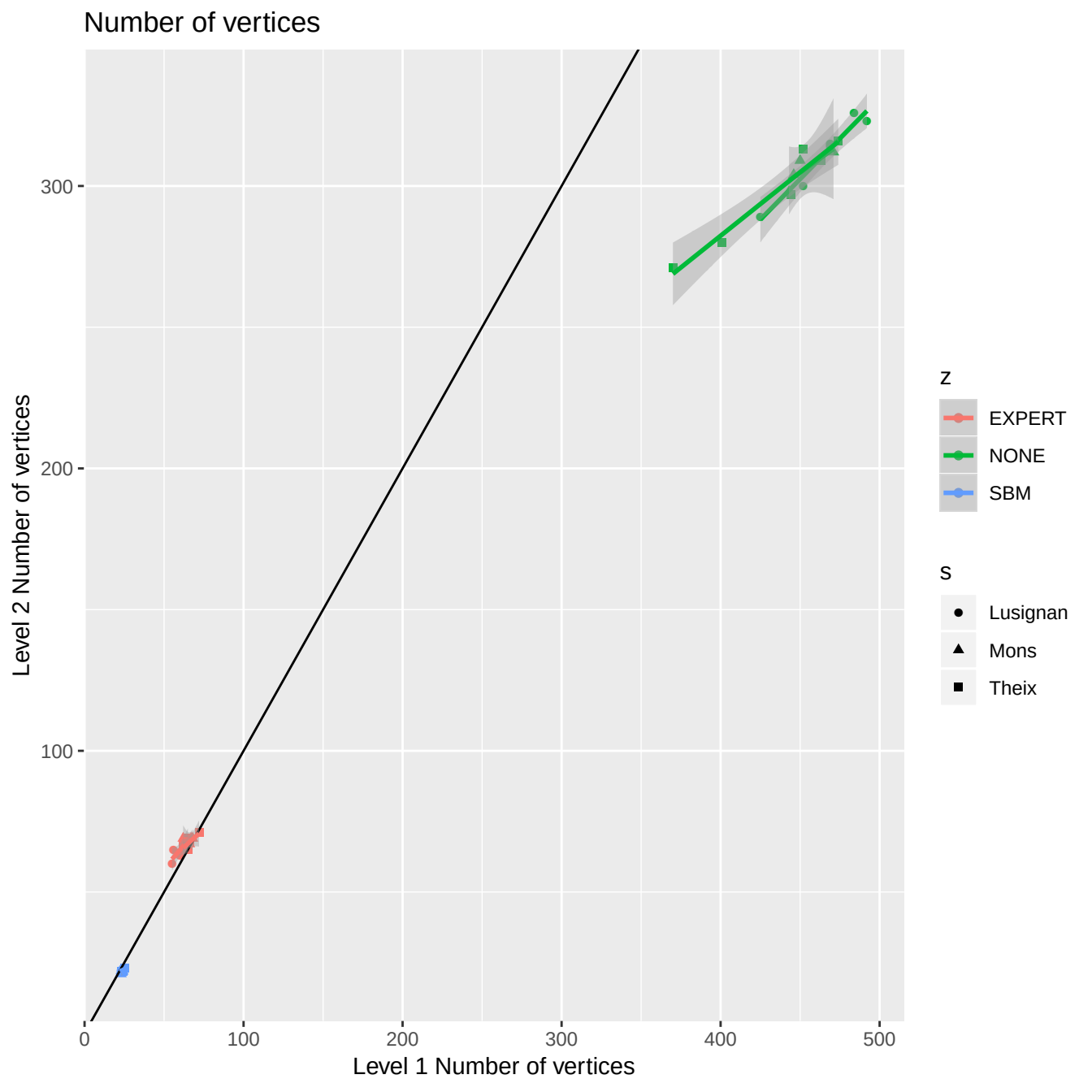

Number of vertices at plot level EXPERT Genus
55
60
65
70
46
48
50
52
54
56
58
Number of vertices at plot level EXPERT Species

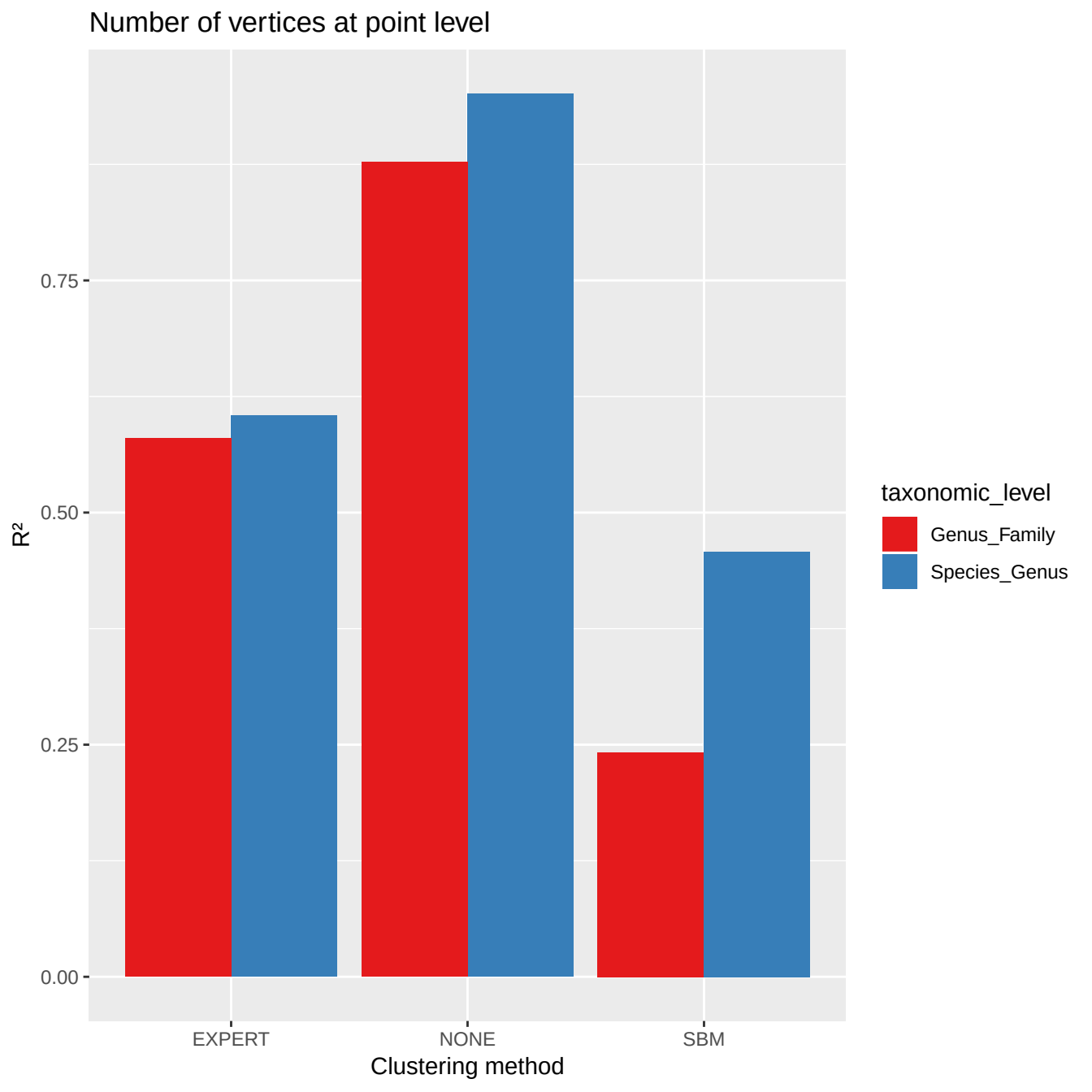

Number of vertices at plot level EXPERT Family
60
62
64
66
68
70
55
60
65
70
Number of vertices at plot level EXPERT Genus

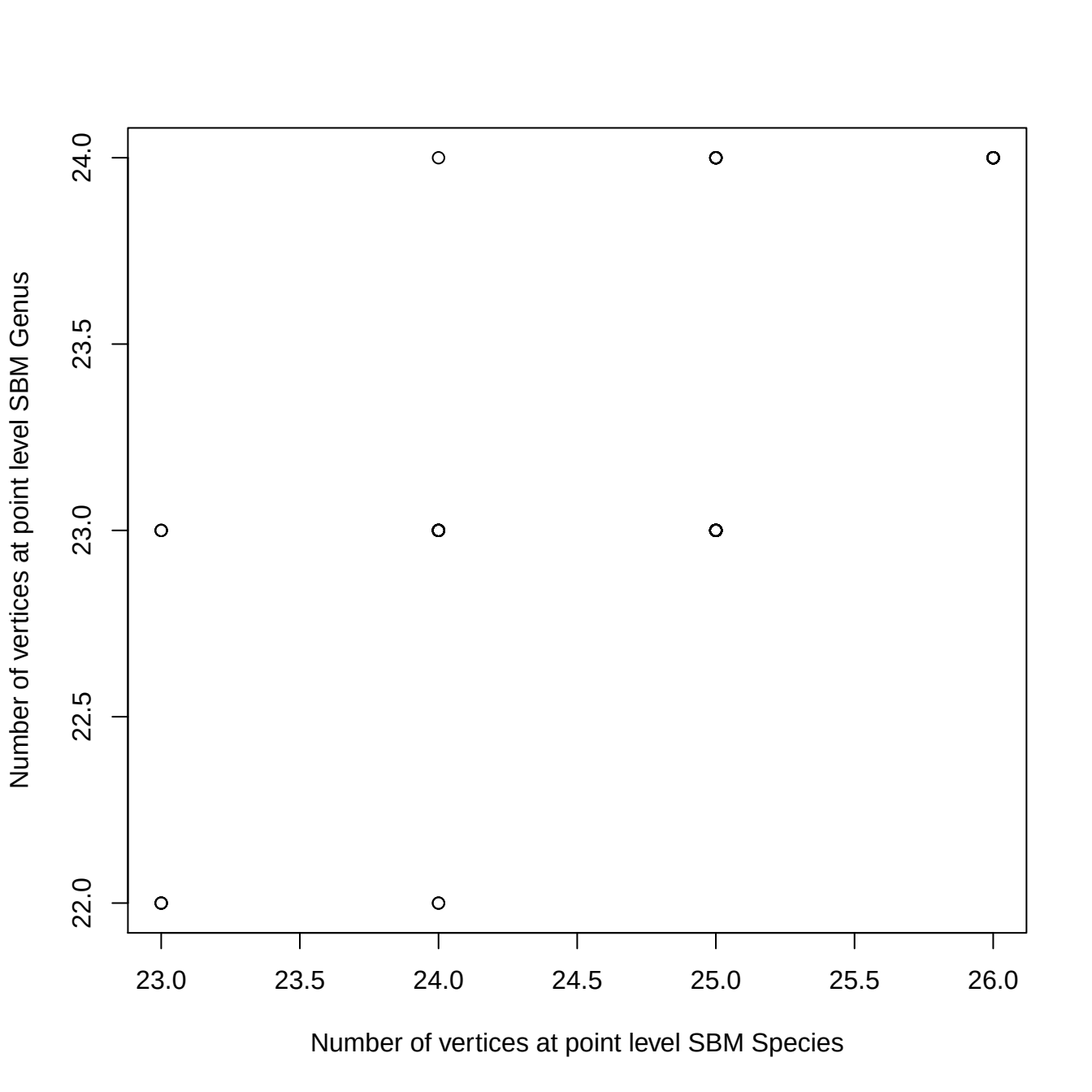

Number of vertices at plot level NONE Genus
380
400
420
440
460
480
400
450
500
Number of vertices at plot level NONE Species

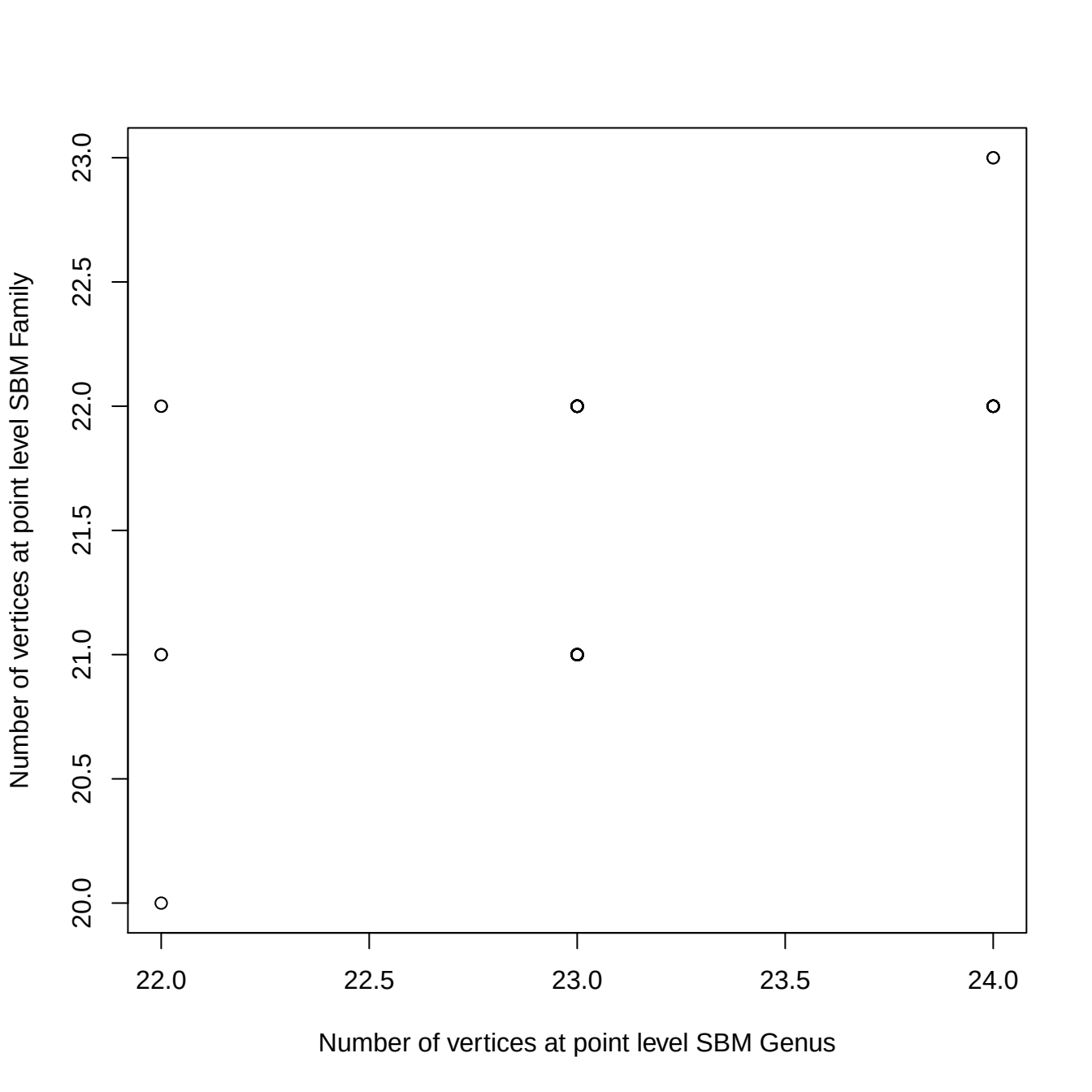

Number of vertices at plot level NONE Family
270
280
290
300
310
320
380
400
420
440
460
480
Number of vertices at plot level NONE Genus

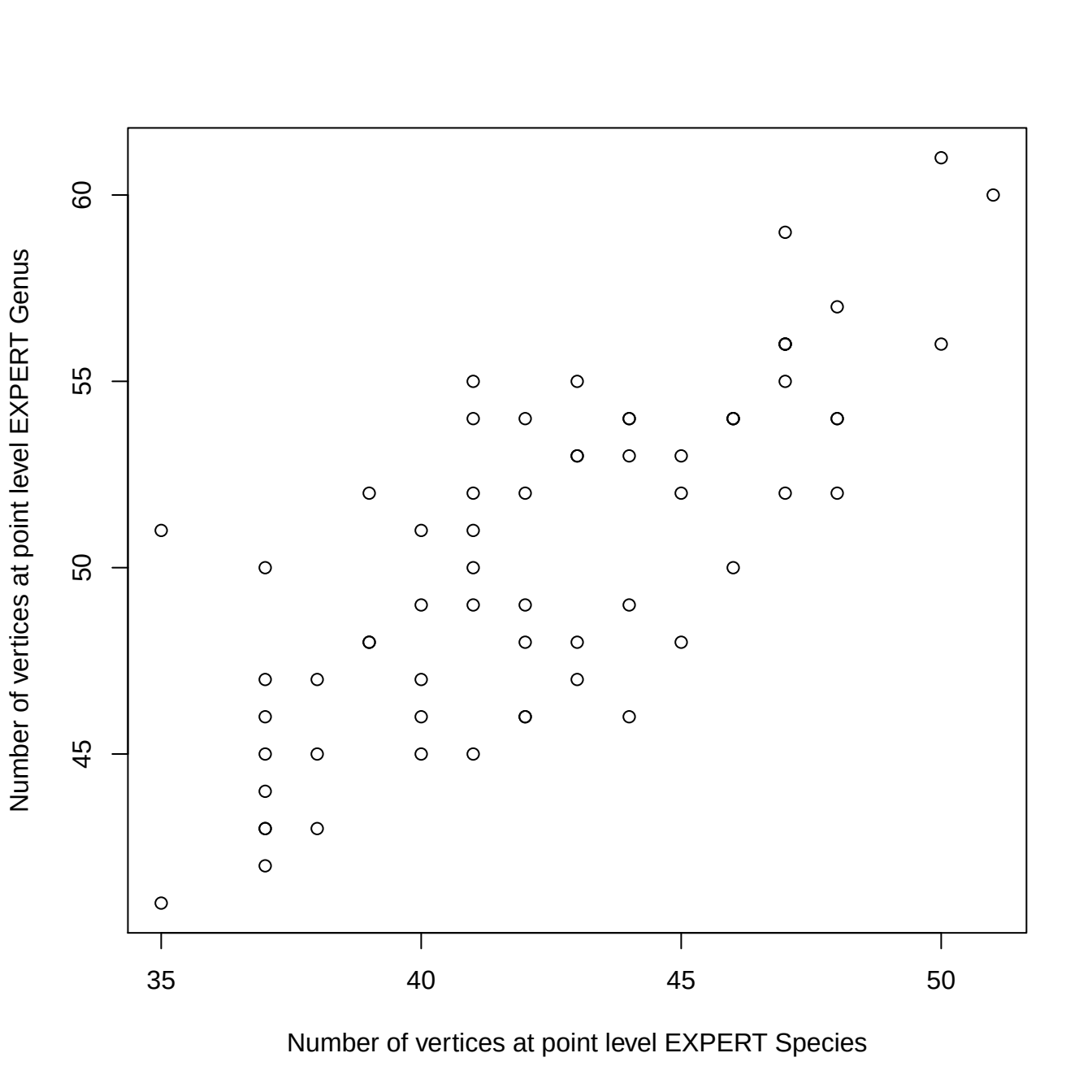

Number of vertices
Level 2 Number of vertices
Level 1 Number of vertices
0
100
200
300
400
500
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

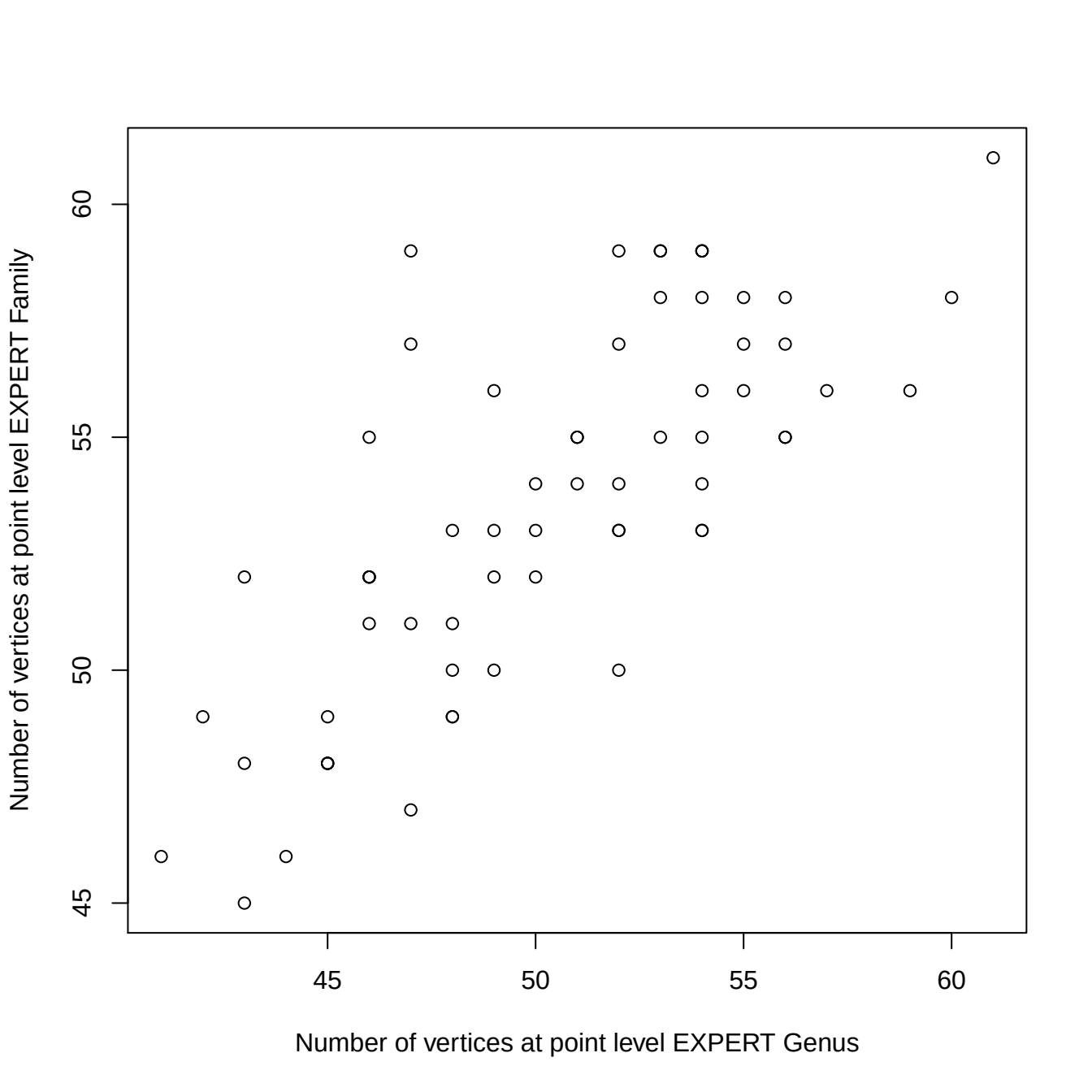

Number of vertices
Level 2 Number of vertices
Level 1 Number of vertices
0
100
200
300
400
500
300
200
100
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

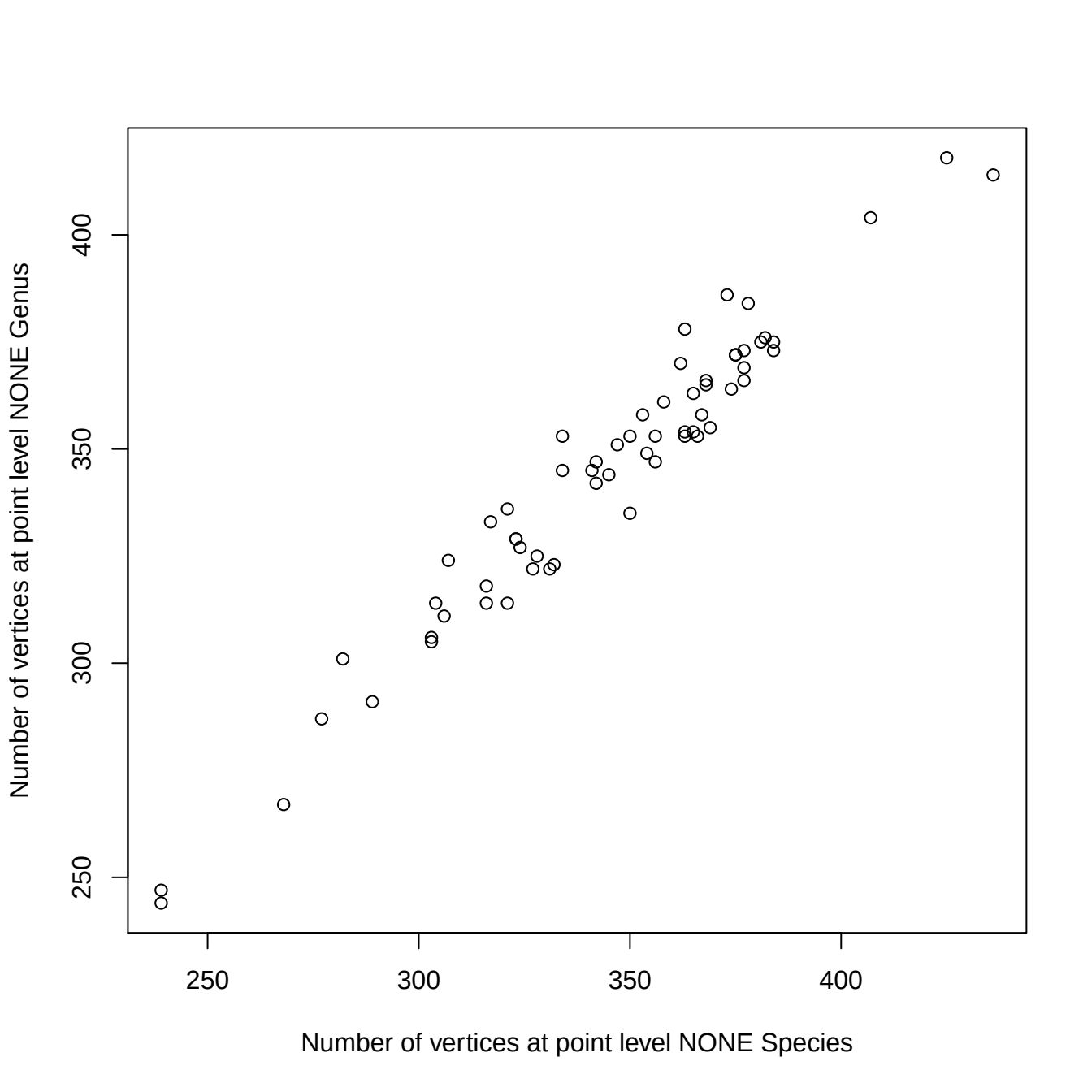

Number of vertices at point level
0.75
0.50
0.25
0.00
R²
EXPERT
NONE
SBM
Clustering method
taxonomic_level
Genus_Family
Species_Genus

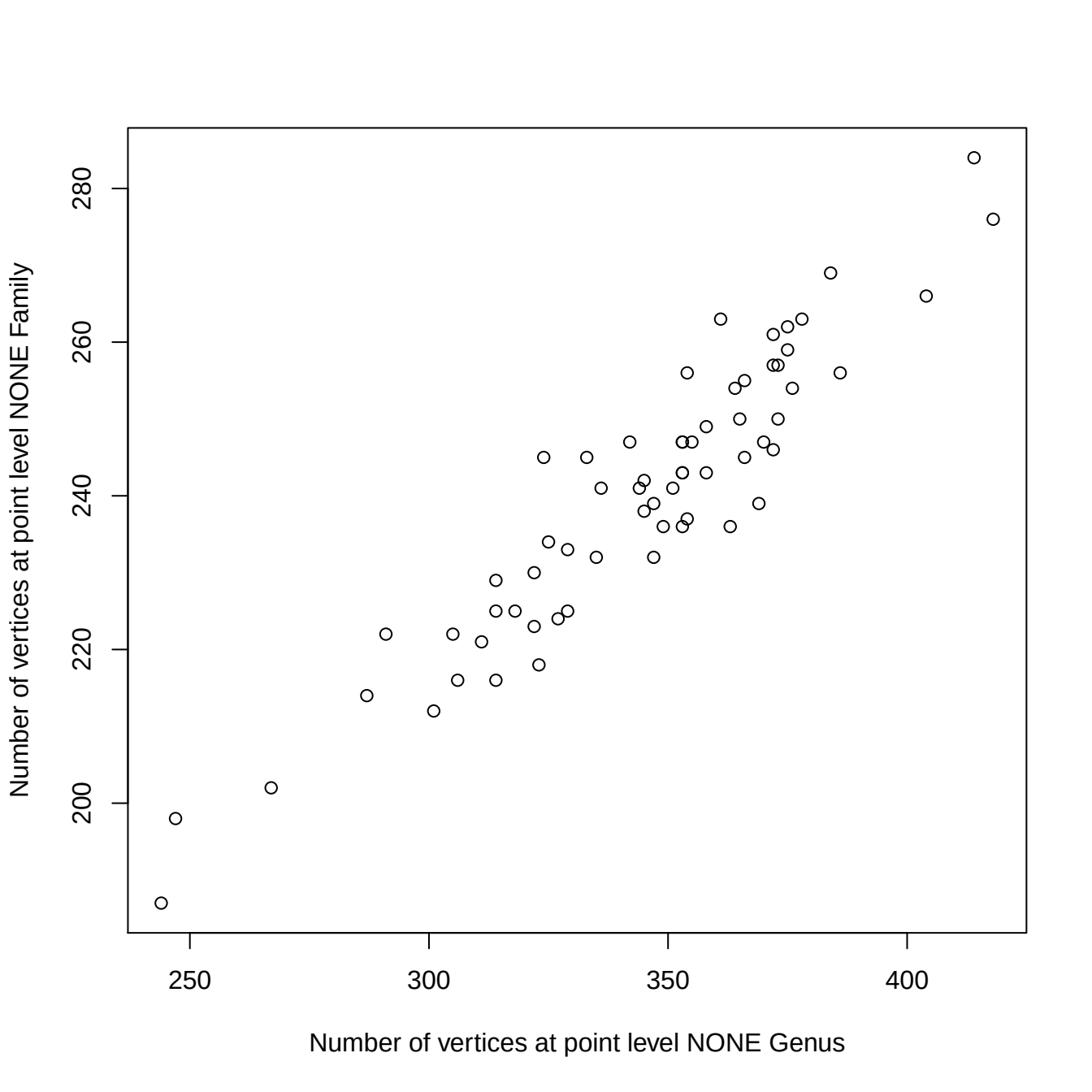

Number of vertices at point level SBM Genus
22.0
22.5
23.0
23.5
24.0
Number of vertices at point level SBM Species
23.0
23.5
24.0
24.5
25.0
25.5
26.0

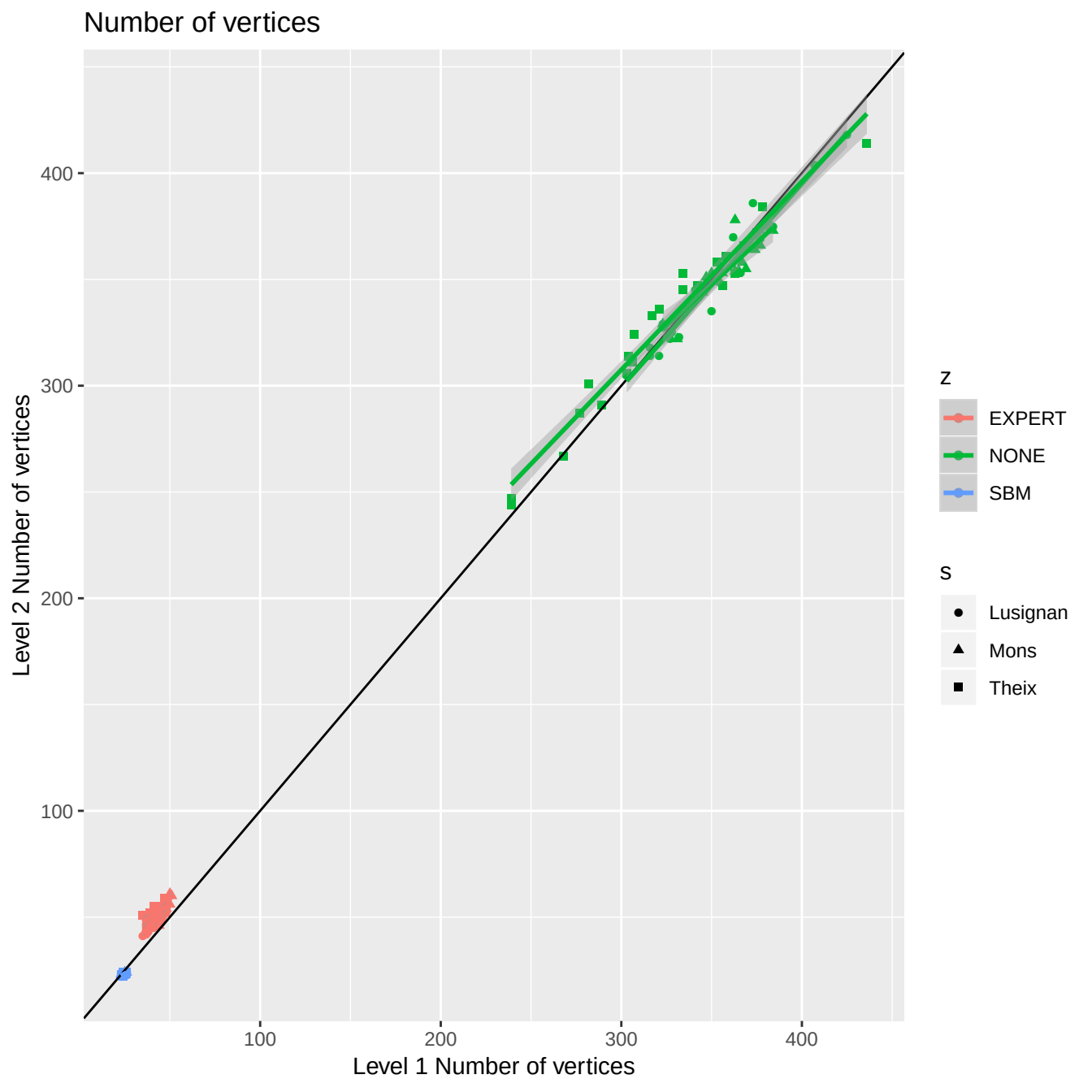

Number of vertices at point level SBM Family
20.0
20.5
21.0
21.5
22.0
22.5
23.0
22.0
22.5
23.0
23.5
24.0
Number of vertices at point level SBM Genus

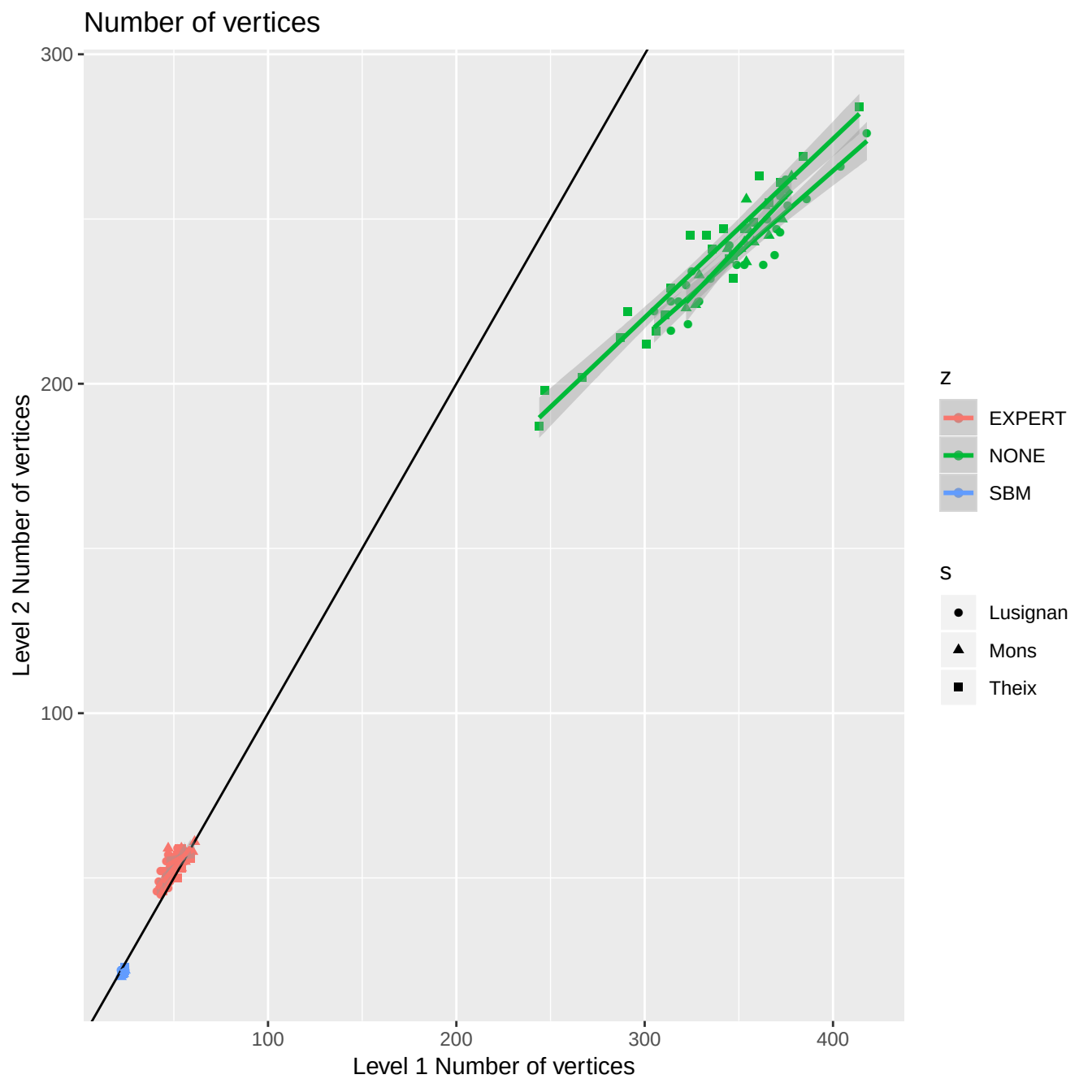

Number of vertices at point level EXPERT Genus
60
55
50
45
35
40
45
50
Number of vertices at point level EXPERT Species

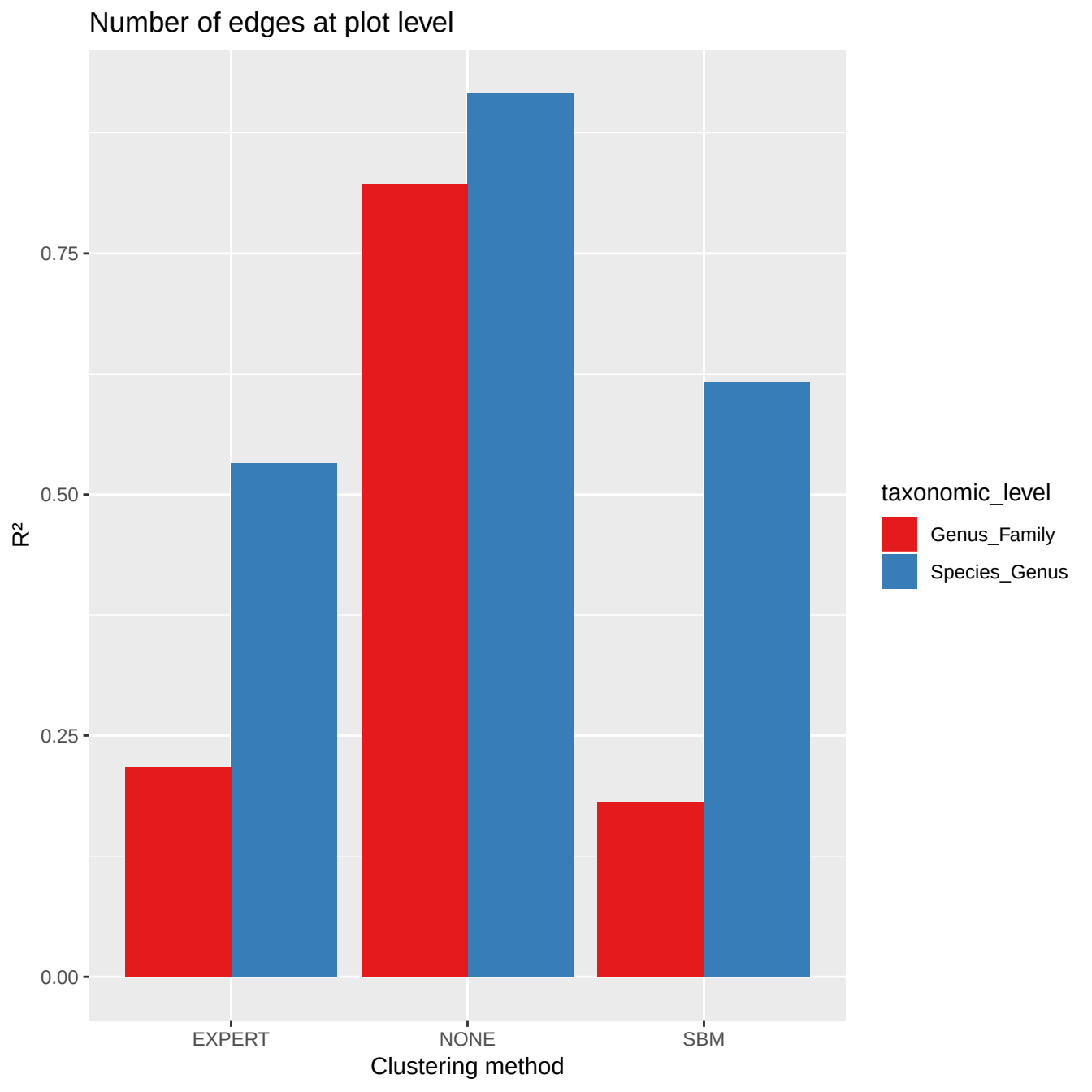

Number of vertices at point level EXPERT Family
45
50
55
60
Number of vertices at point level EXPERT Genus
45
50
55
60

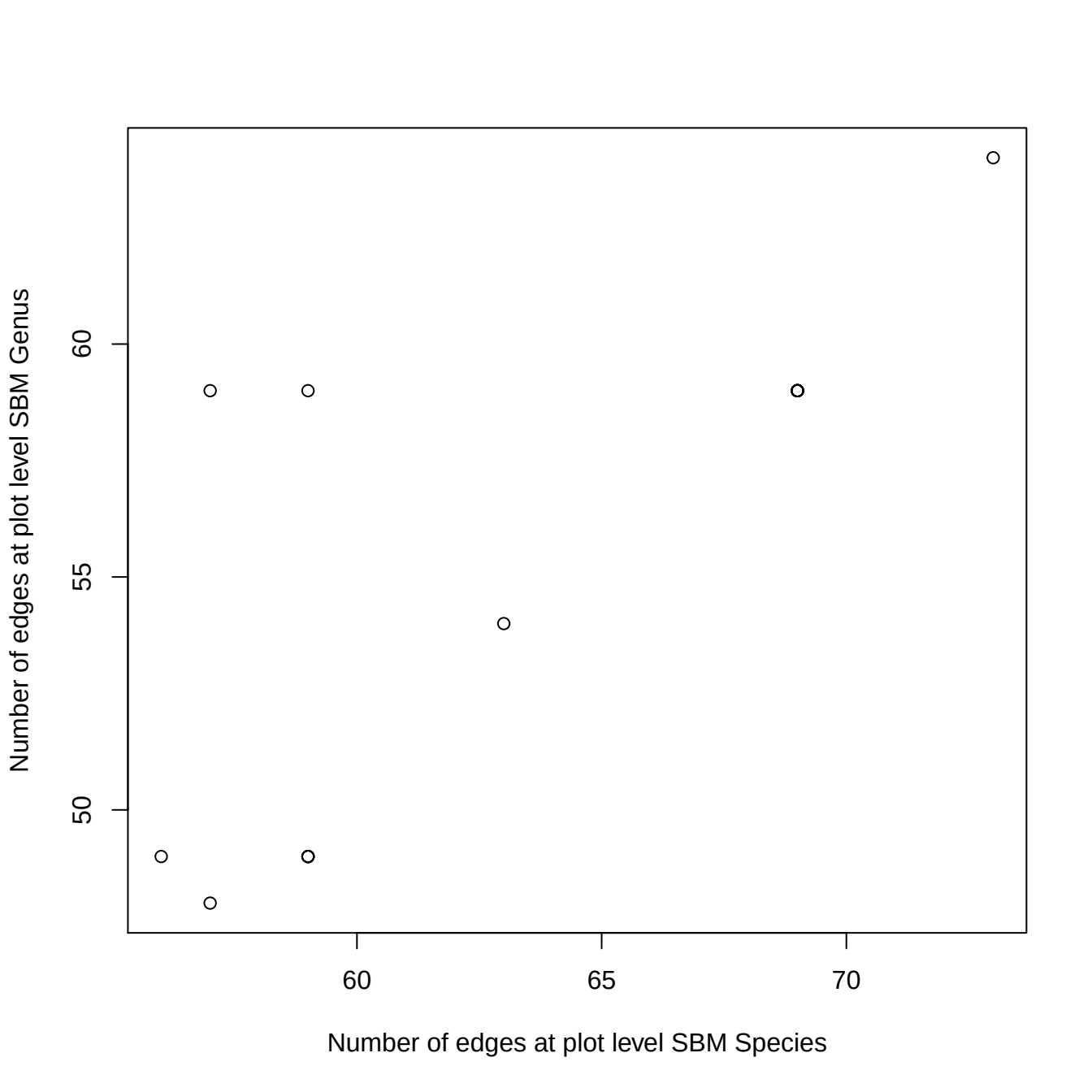

Number of vertices at point level NONE Genus
250
300
350
400
Number of vertices at point level NONE Species
250
300
350
400

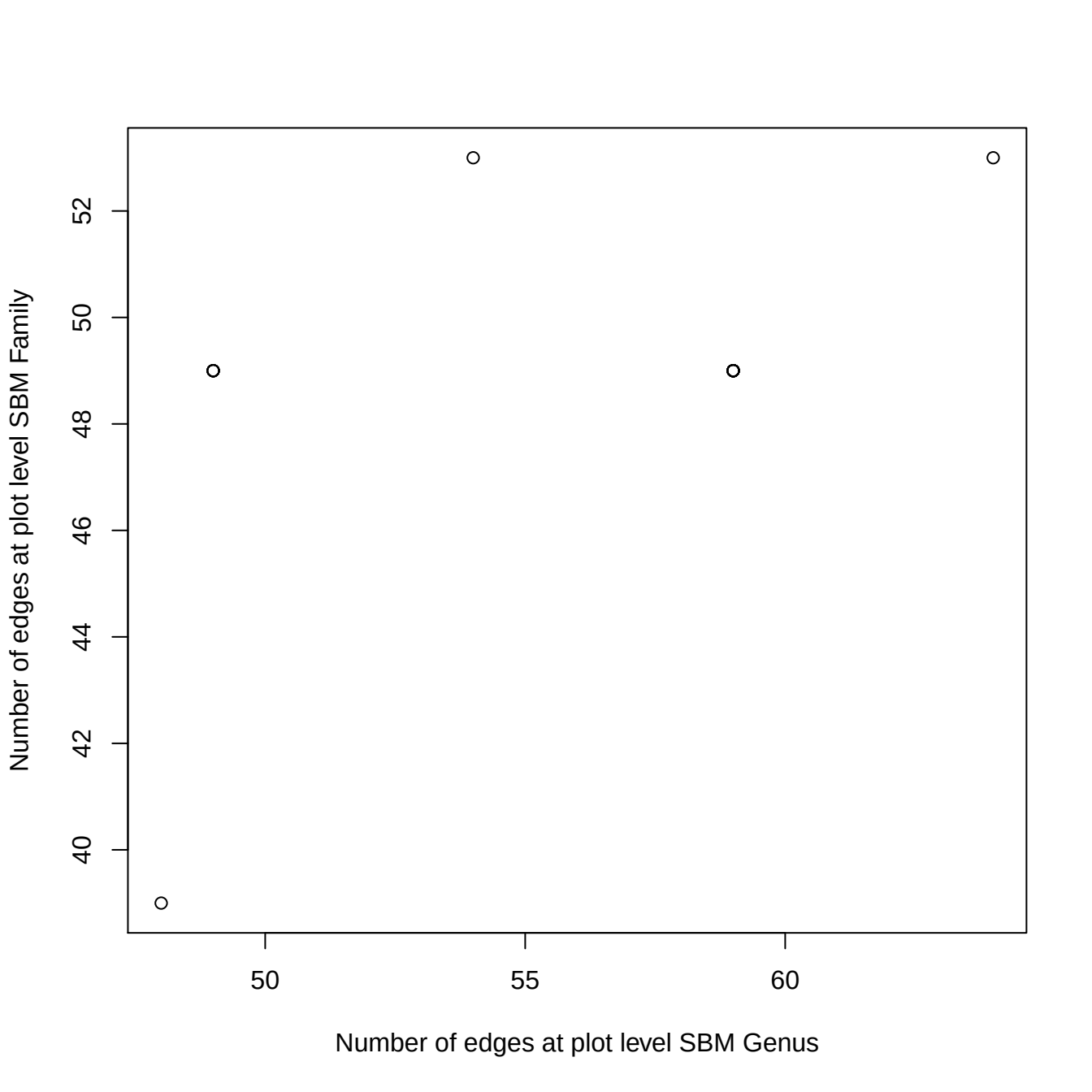

Number of vertices at point level NONE Family
200
220
240
260
280
250
300
350
400
Number of vertices at point level NONE Genus

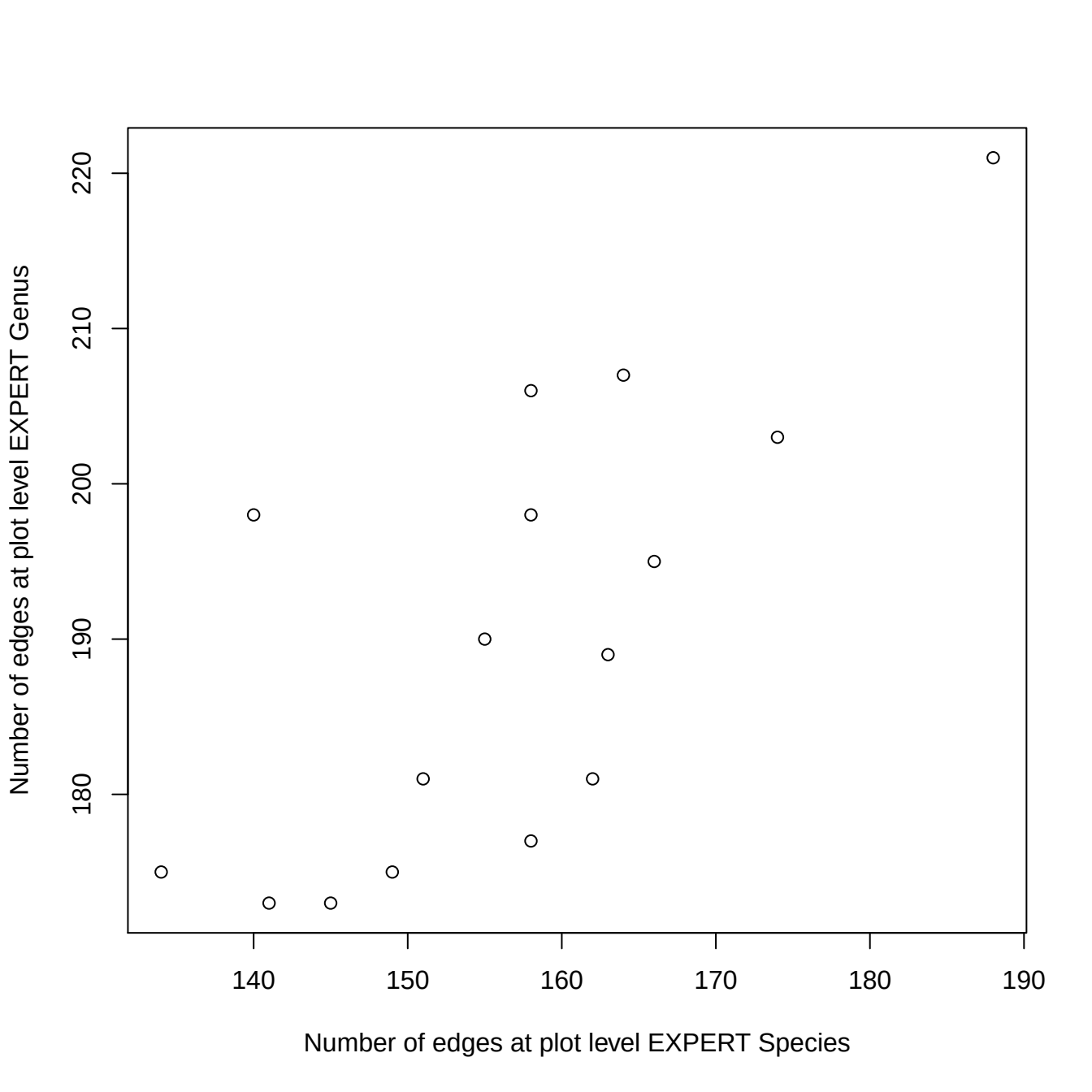

Number of vertices
Level 2 Number of vertices
Level 1 Number of vertices
100
200
300
400
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

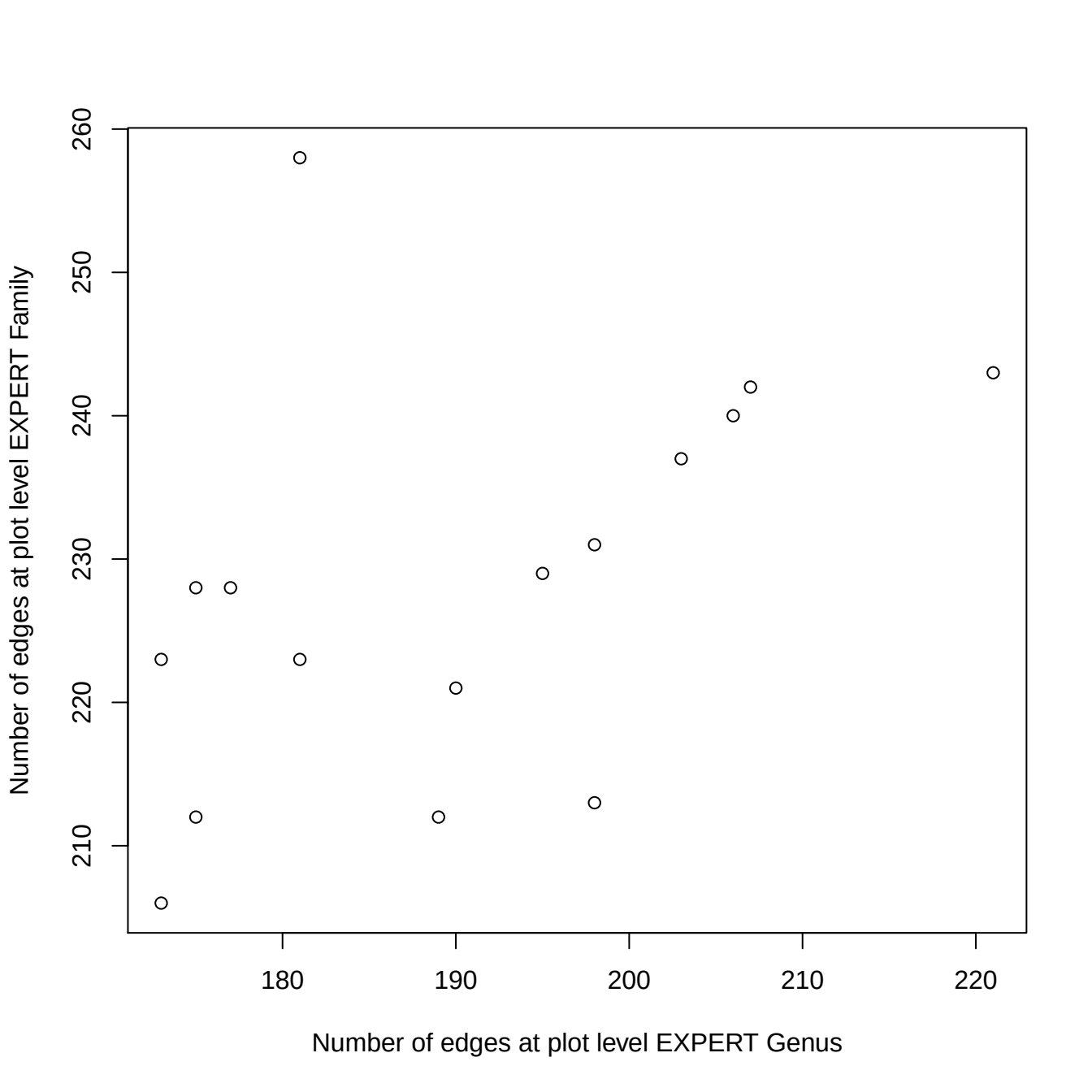

Number of vertices
300
200
100
Level 2 Number of vertices
100
200
300
400
Level 1 Number of vertices
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

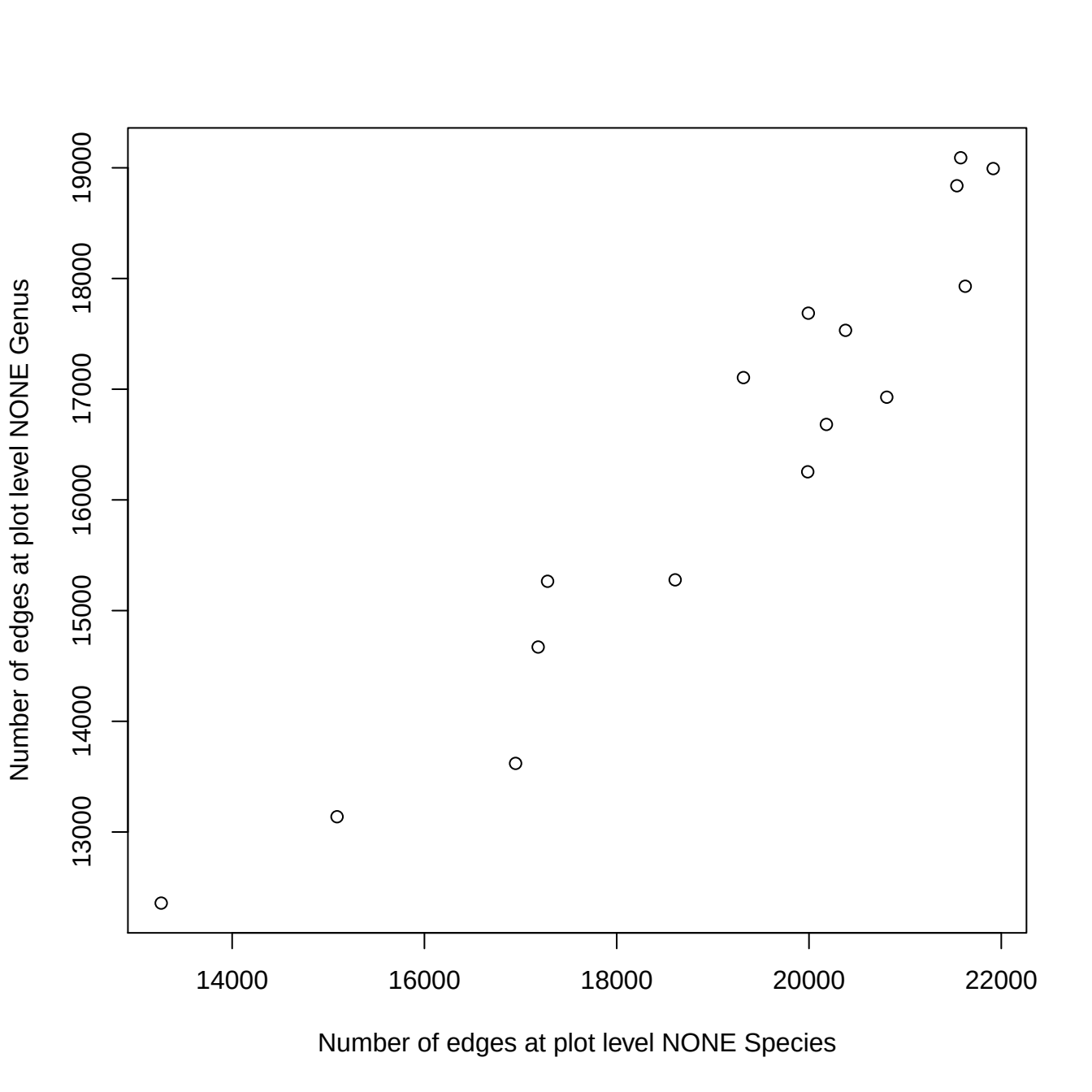

Number of edges at plot level
0.75
0.50
0.25
0.00
R²
EXPERT
NONE
SBM
Clustering method
taxonomic_level
Genus_Family
Species_Genus

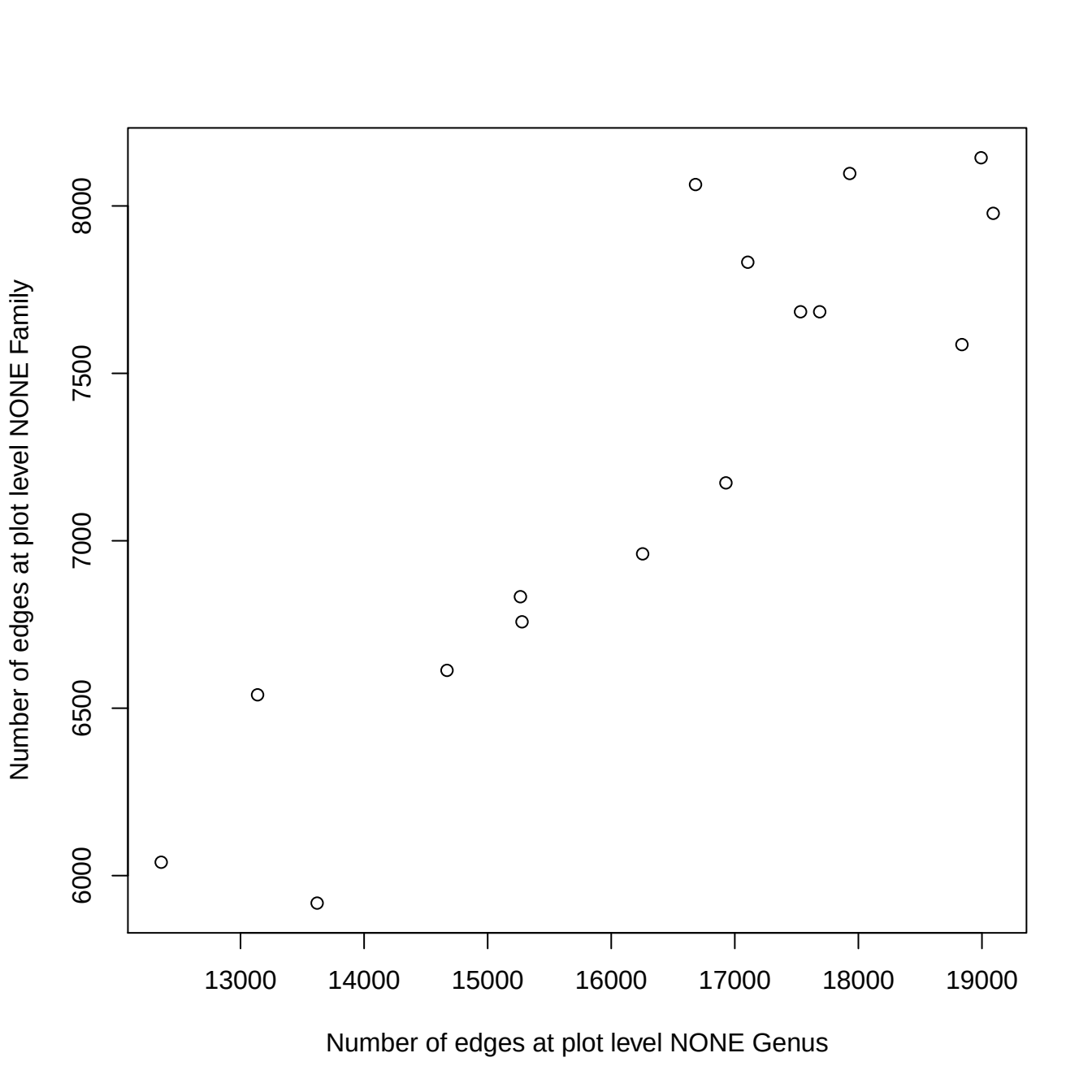

Number of edges at plot level SBM Genus
50
55
60
60
65
70
Number of edges at plot level SBM Species

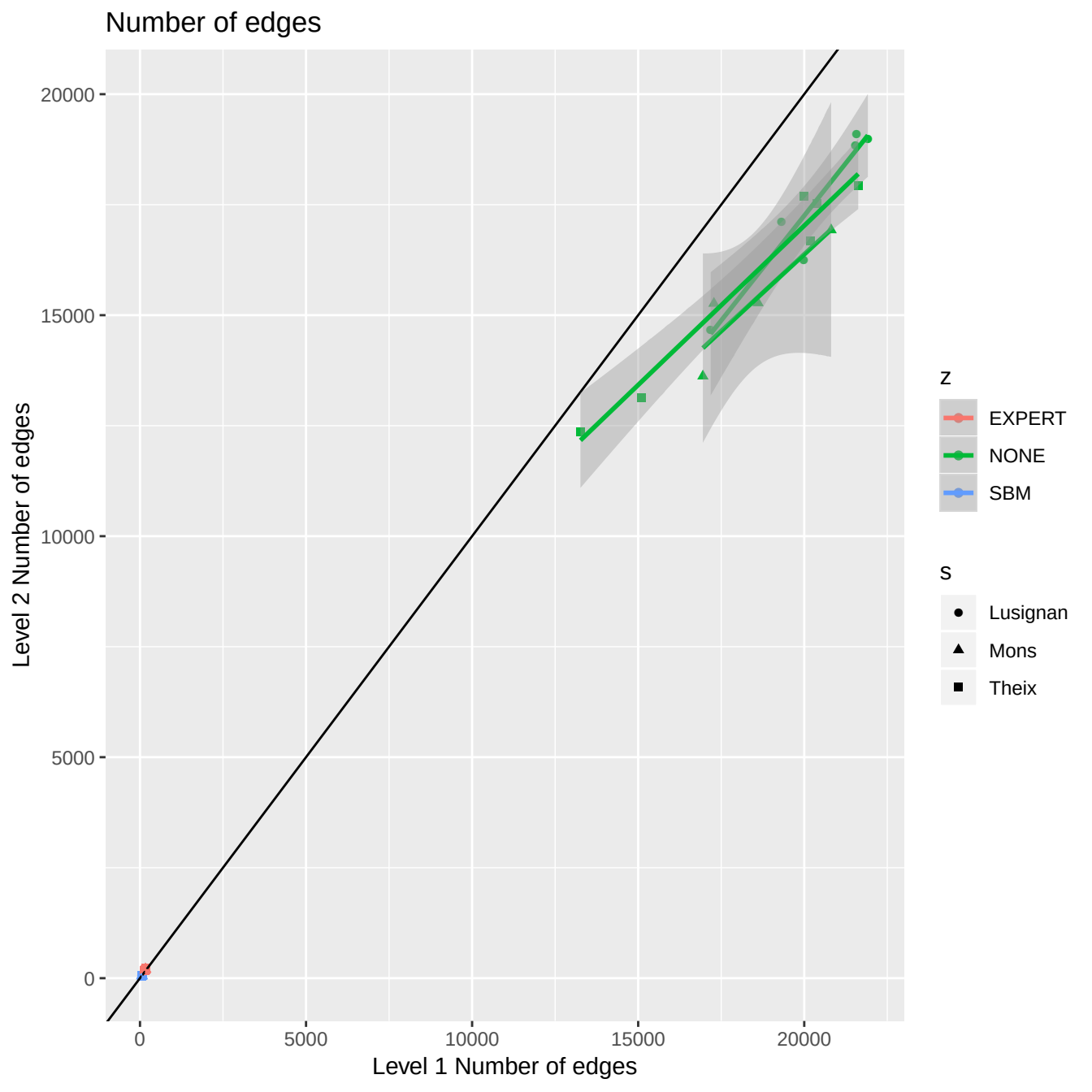

Number of edges at plot level SBM Family
40
42
44
46
48
50
52
50
55
60
Number of edges at plot level SBM Genus

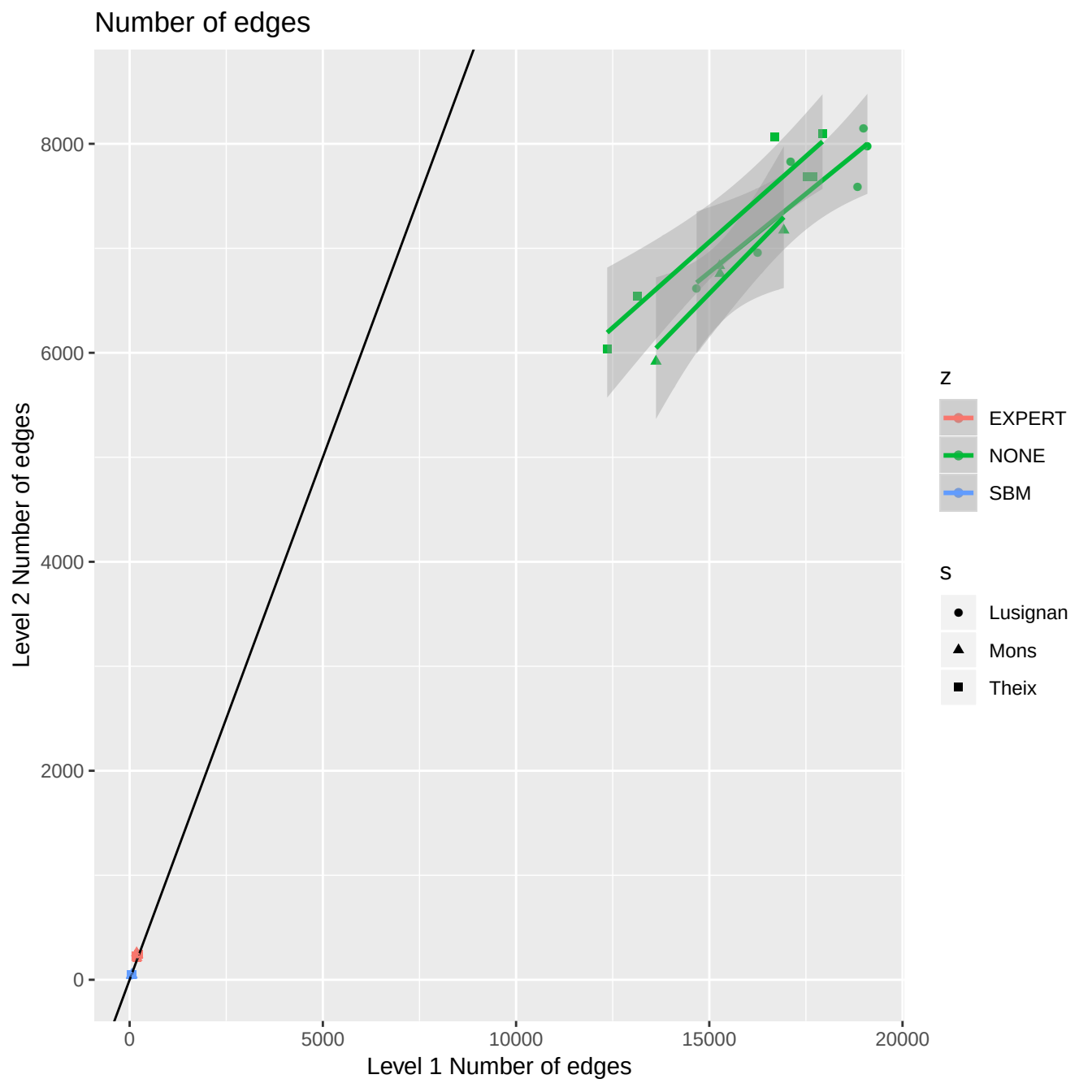

Number of edges at plot level EXPERT Genus
180
190
200
210
220
140
150
160
170
180
190
Number of edges at plot level EXPERT Species

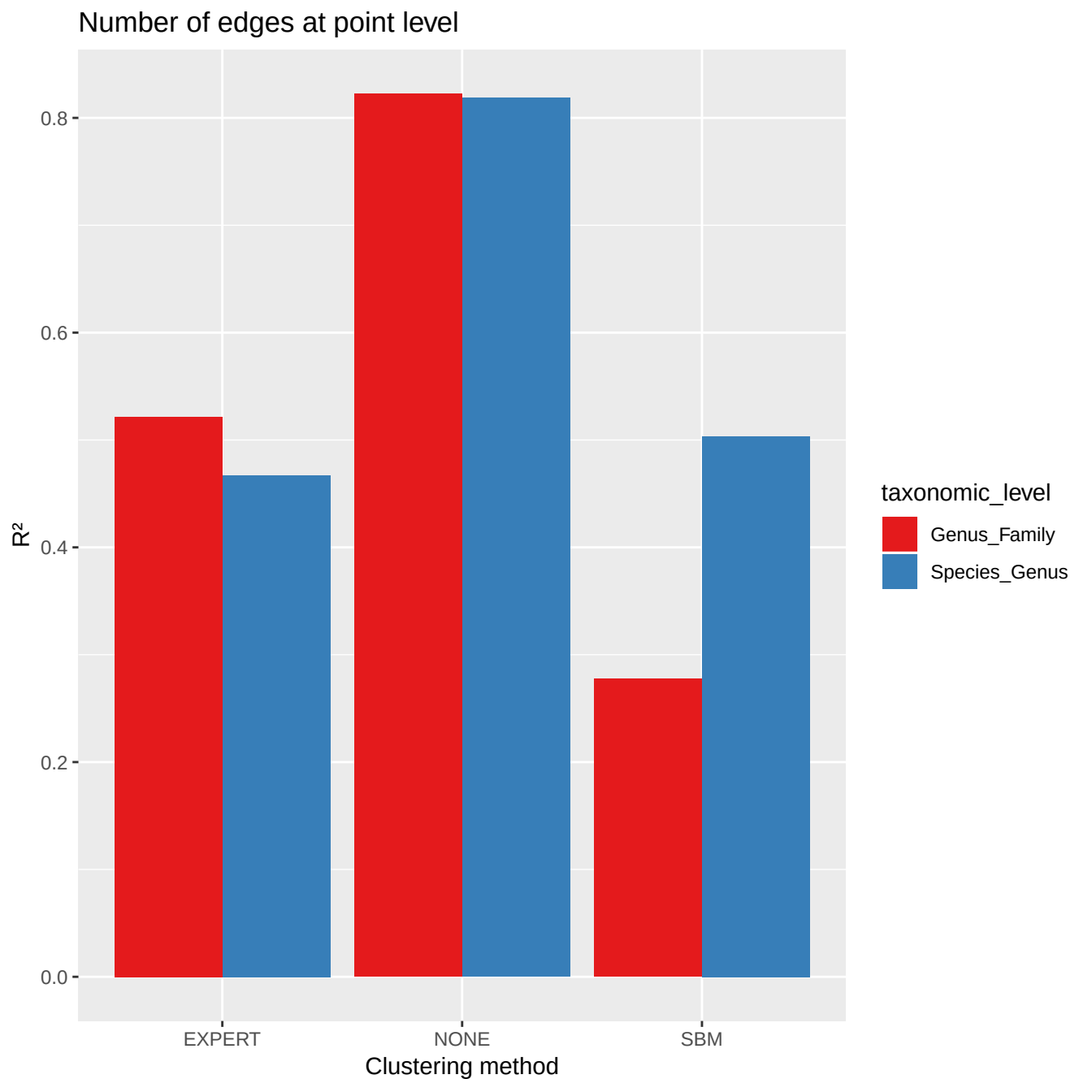

Number of edges at plot level EXPERT Family
260
250
240
230
220
210
180
190
200
210
220
Number of edges at plot level EXPERT Genus

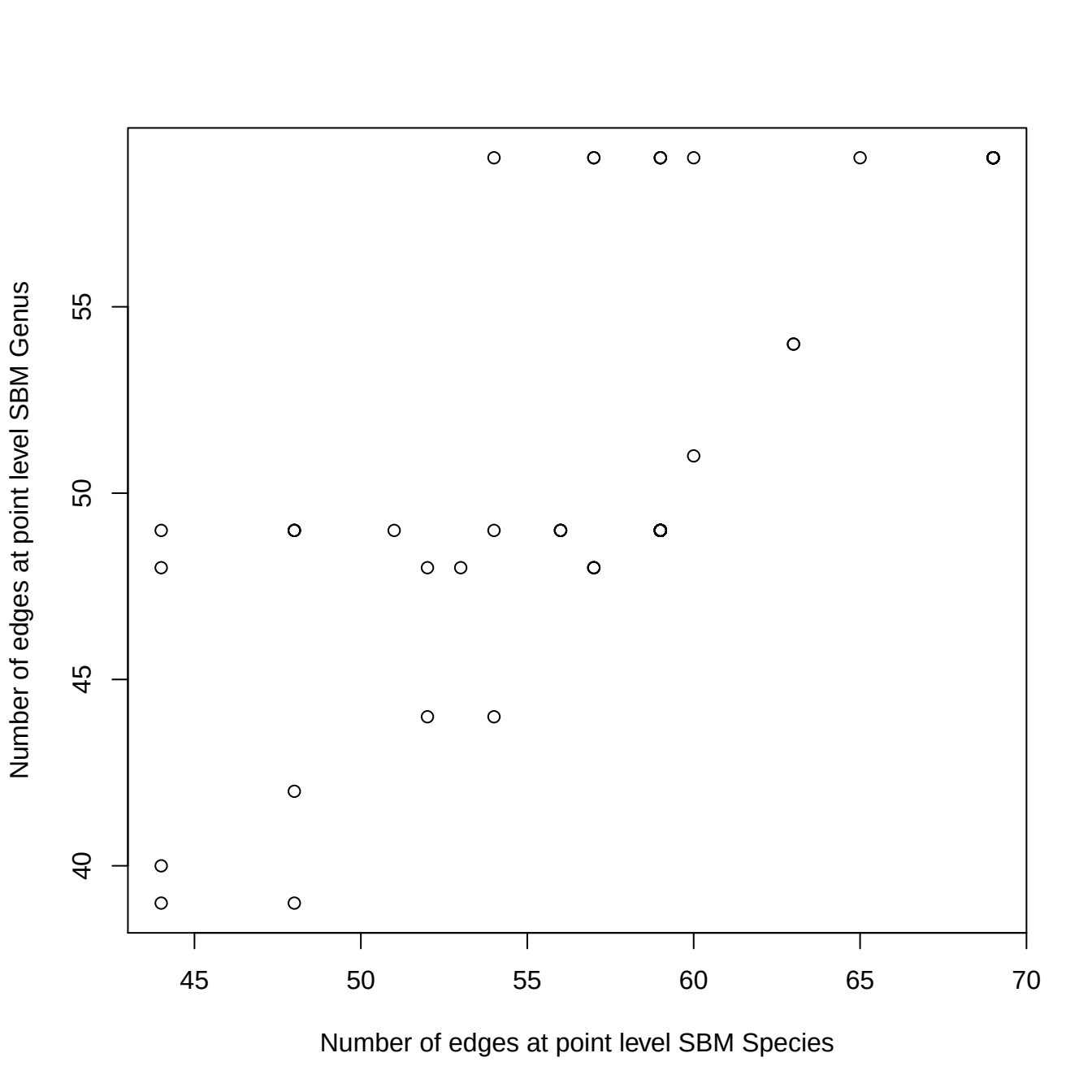

Number of edges at plot level NONE Genus
13000
14000
15000
16000
17000
18000
19000
14000
16000
18000
20000
22000
Number of edges at plot level NONE Species

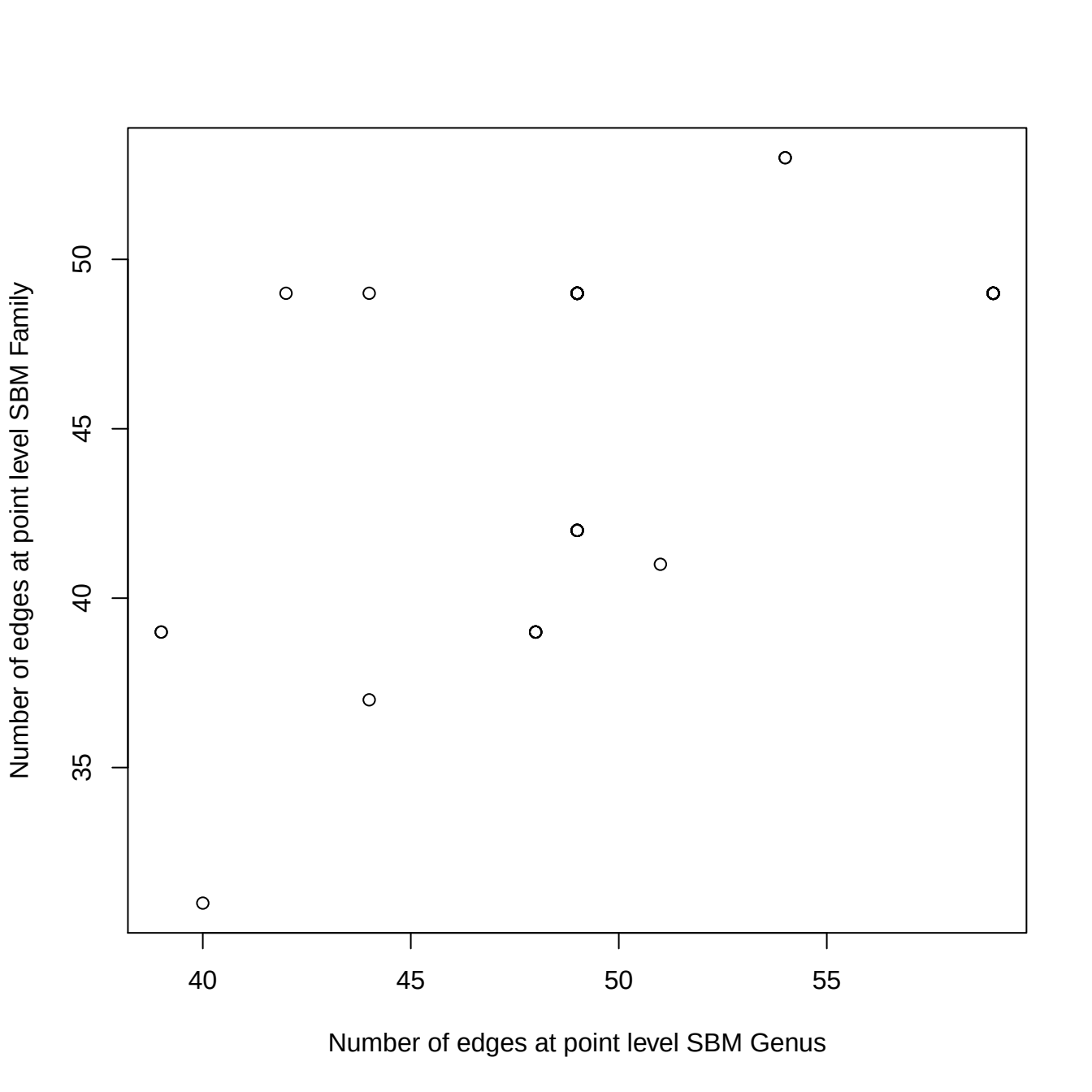

Number of edges at plot level NONE Family
6000
6500
7000
7500
8000
13000
14000
15000
16000
17000
18000
19000
Number of edges at plot level NONE Genus

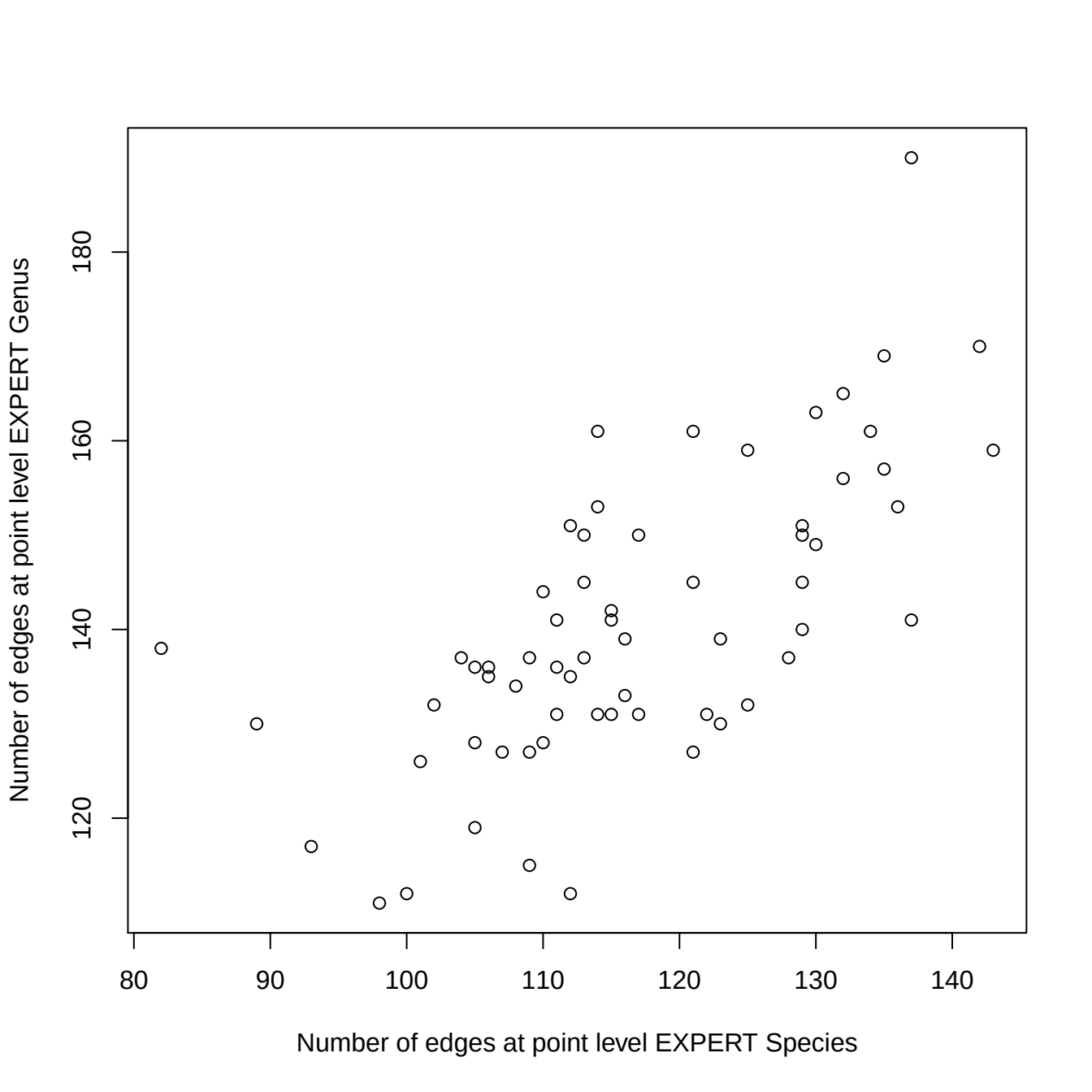

Number of edges
Level 2 Number of edges
Level 1 Number of edges
20000
15000
10000
5000
0
0
5000
10000
15000
20000
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

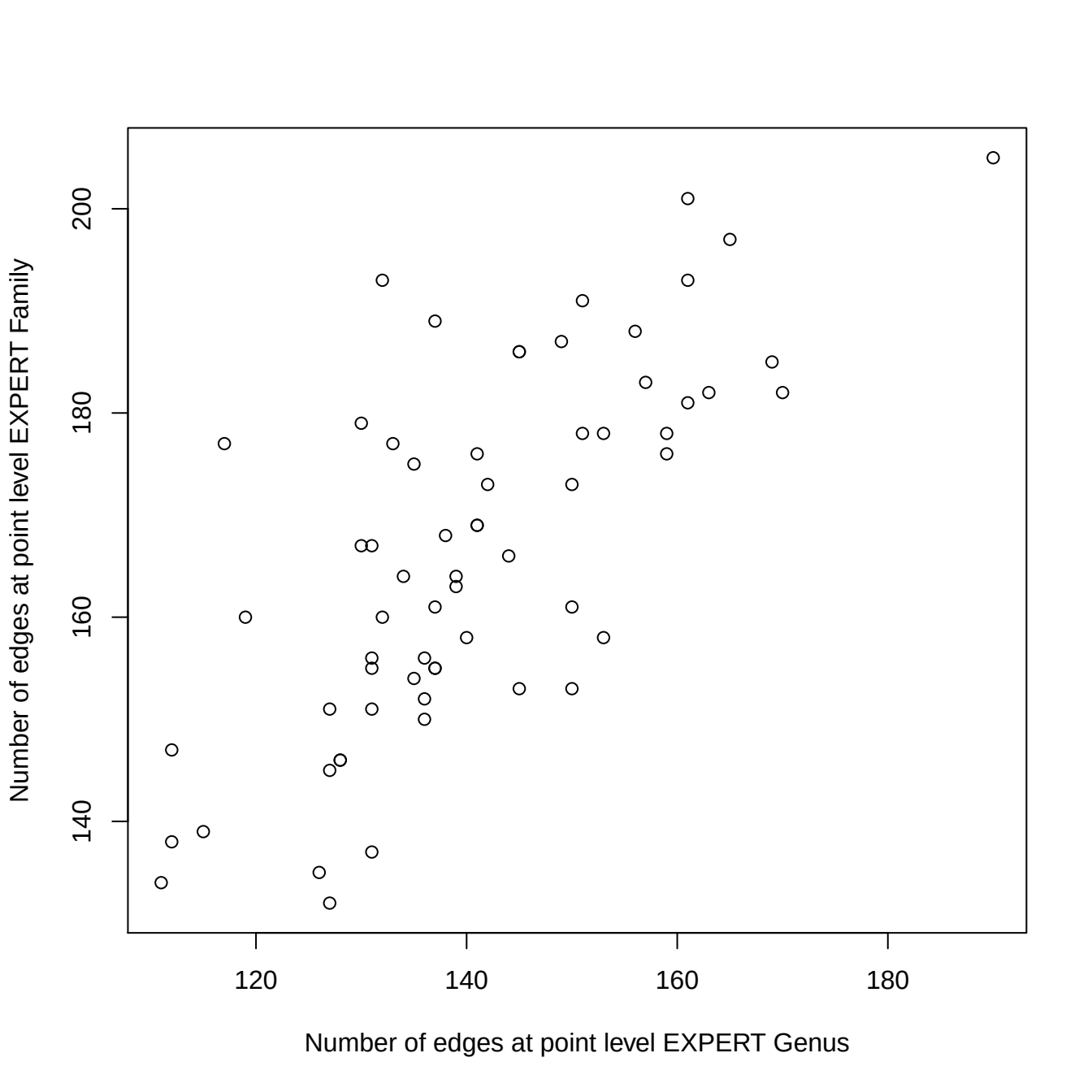

Number of edges
Level 2 Number of edges
Level 1 Number of edges
8000
6000
4000
2000
0
0
5000
10000
15000
20000
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

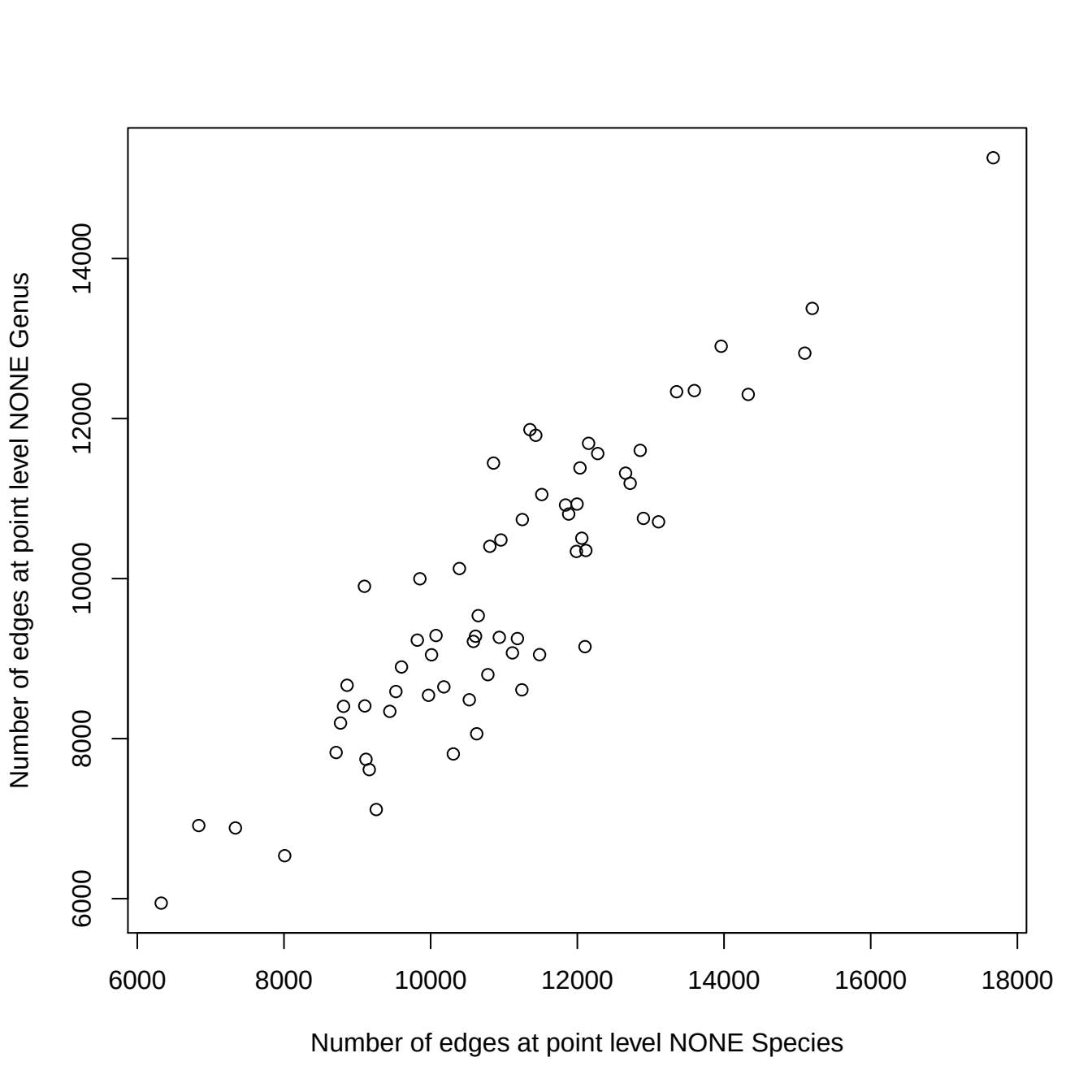

Number of edges at point level
0.8
0.6
0.4
0.2
0.0
R²
EXPERT
NONE
SBM
Clustering method
taxonomic_level
Genus_Family
Species_Genus

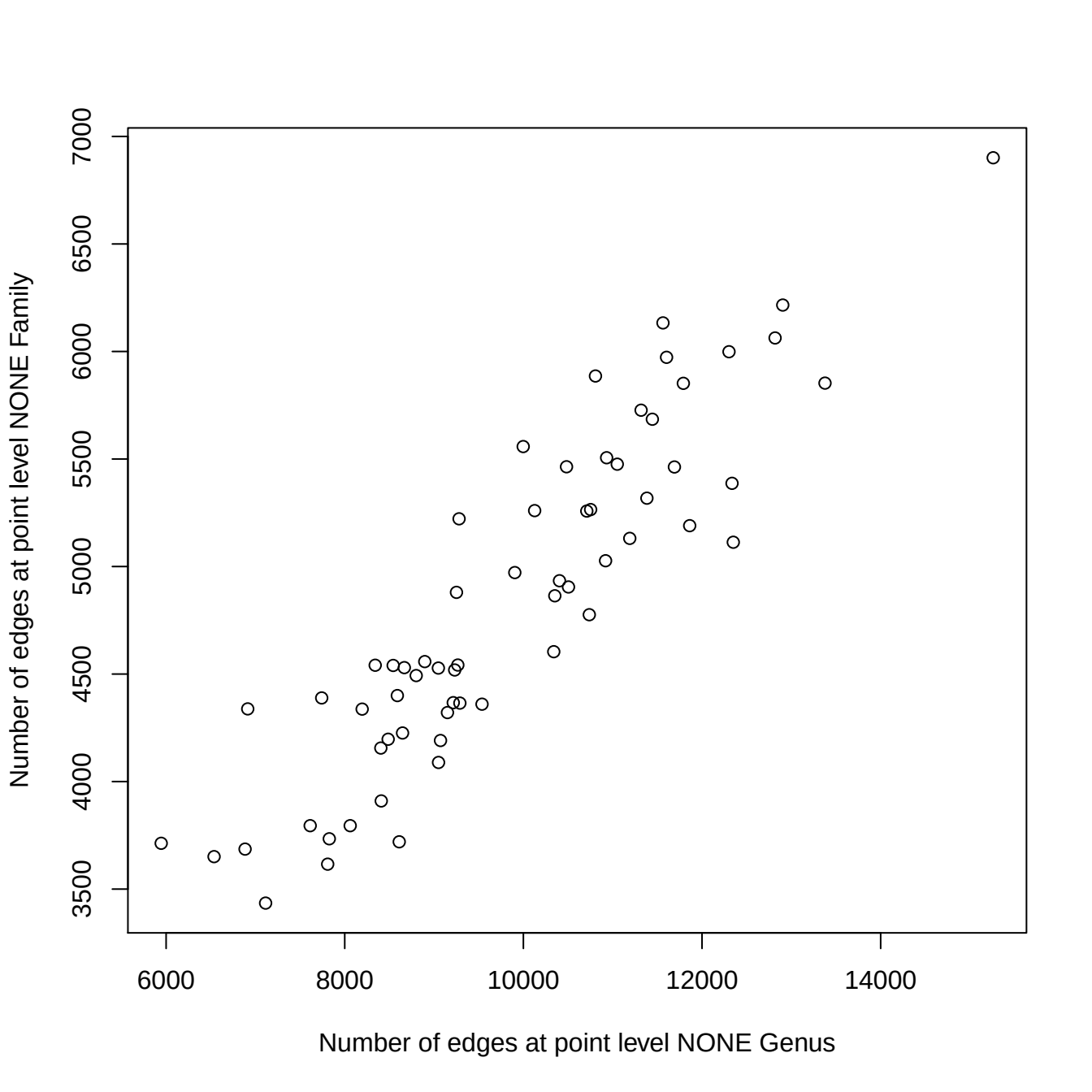

Number of edges at point level SBM Genus
40
45
50
55
45
50
55
60
65
70
Number of edges at point level SBM Species

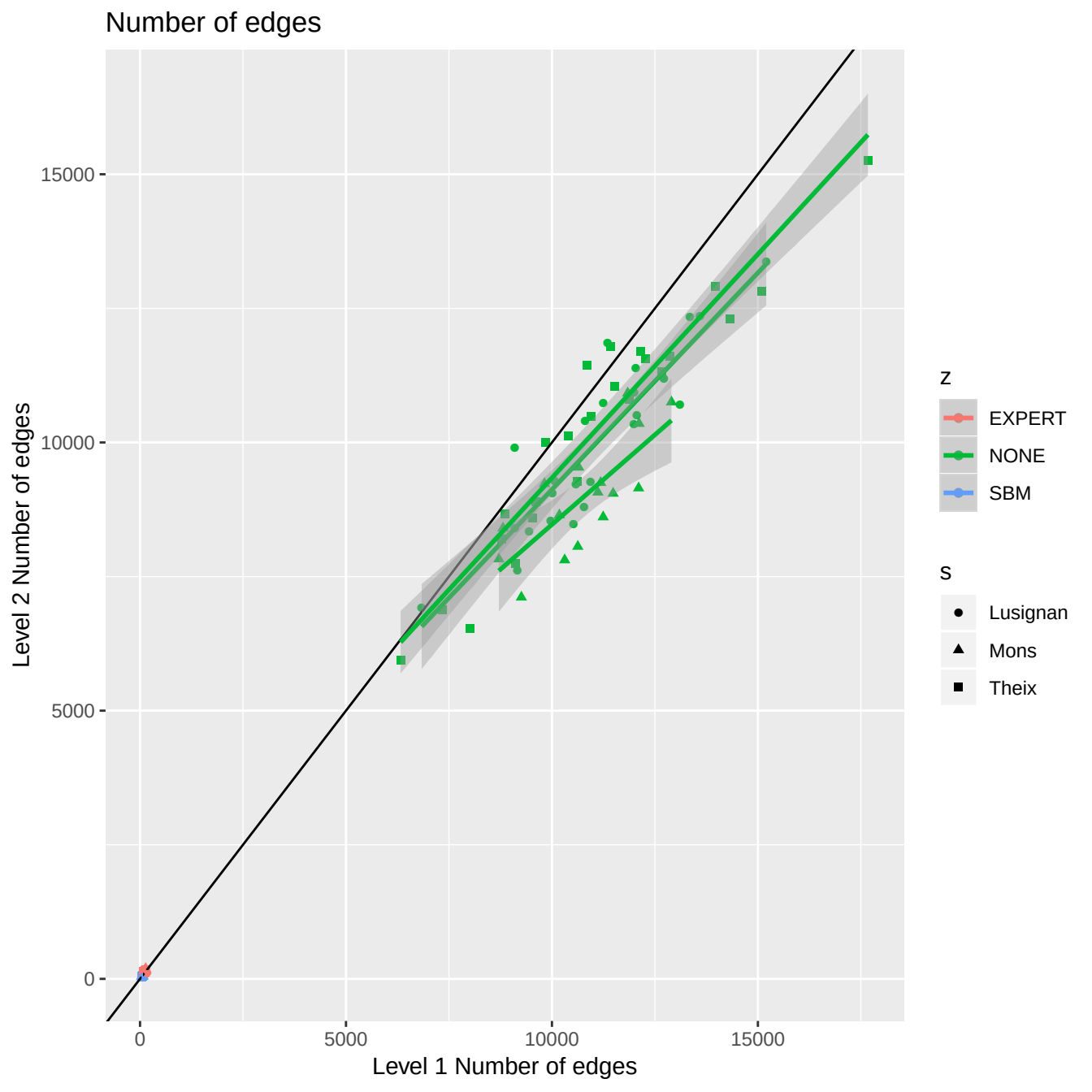

Number of edges at point level SBM Family
35
40
45
50
40
45
50
55
Number of edges at point level SBM Genus

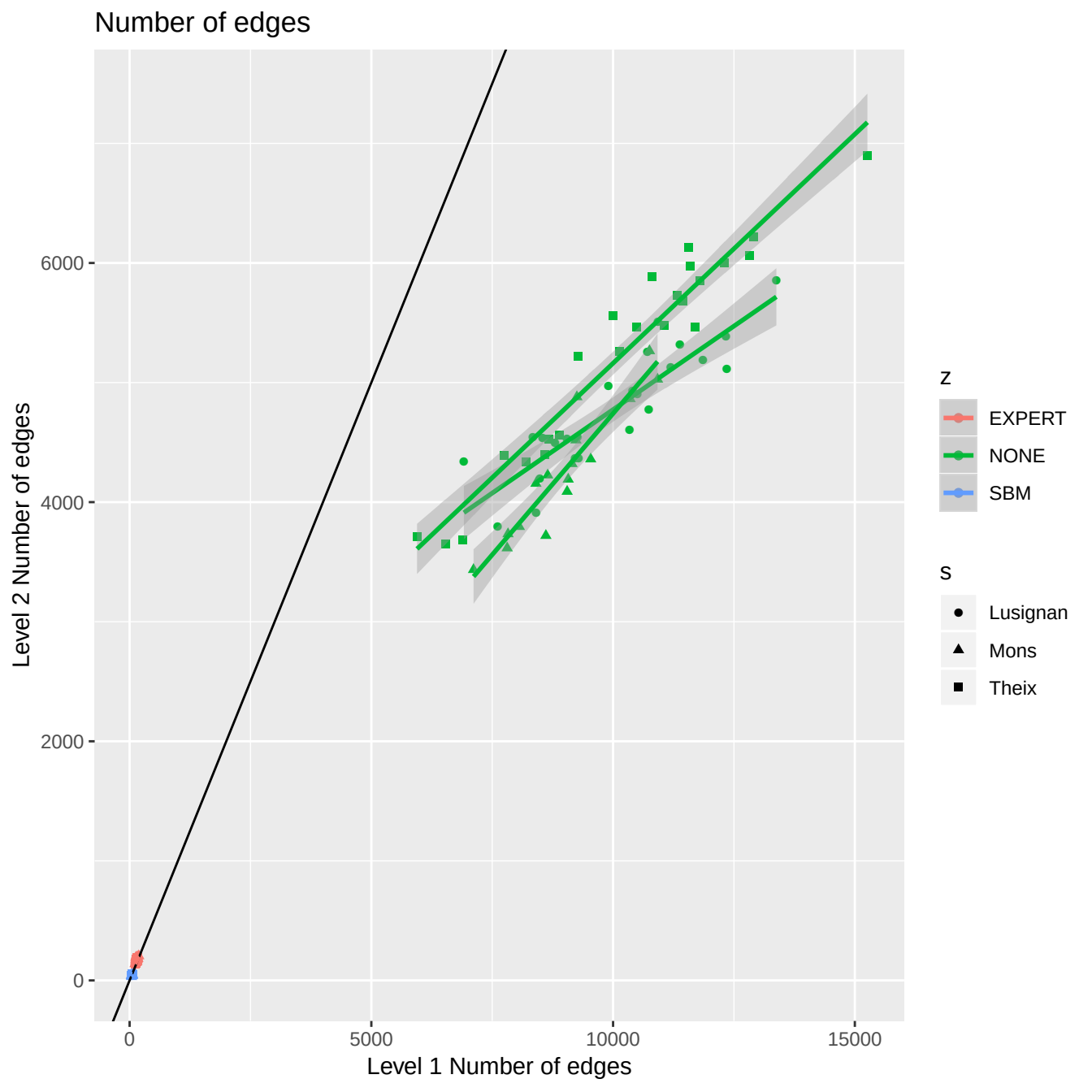

Number of edges at point level EXPERT Genus
120
140
160
180
80
90
100
110
120
130
140
Number of edges at point level EXPERT Species

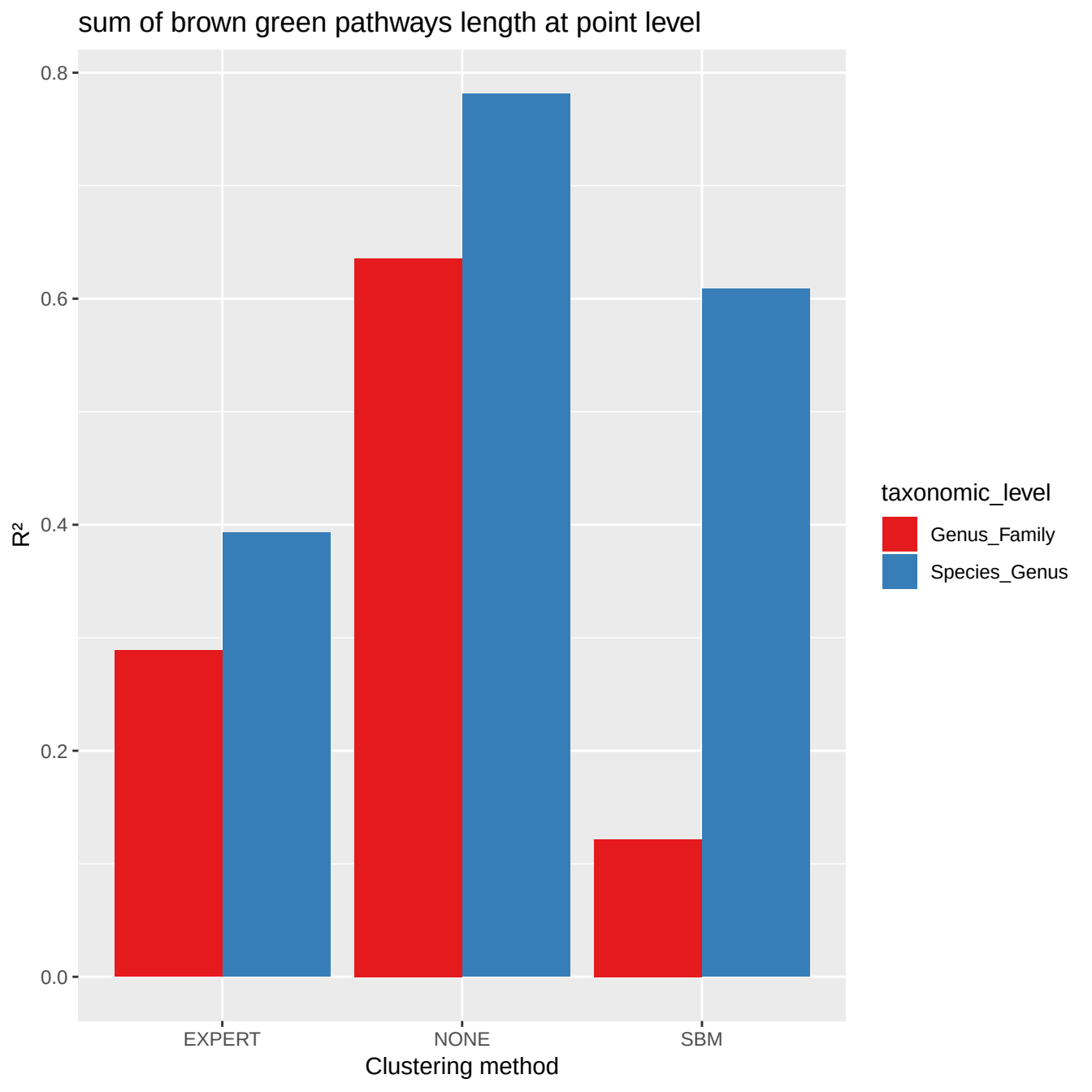

Number of edges at point level EXPERT Family
140
160
180
200
120
140
160
180
Number of edges at point level EXPERT Genus

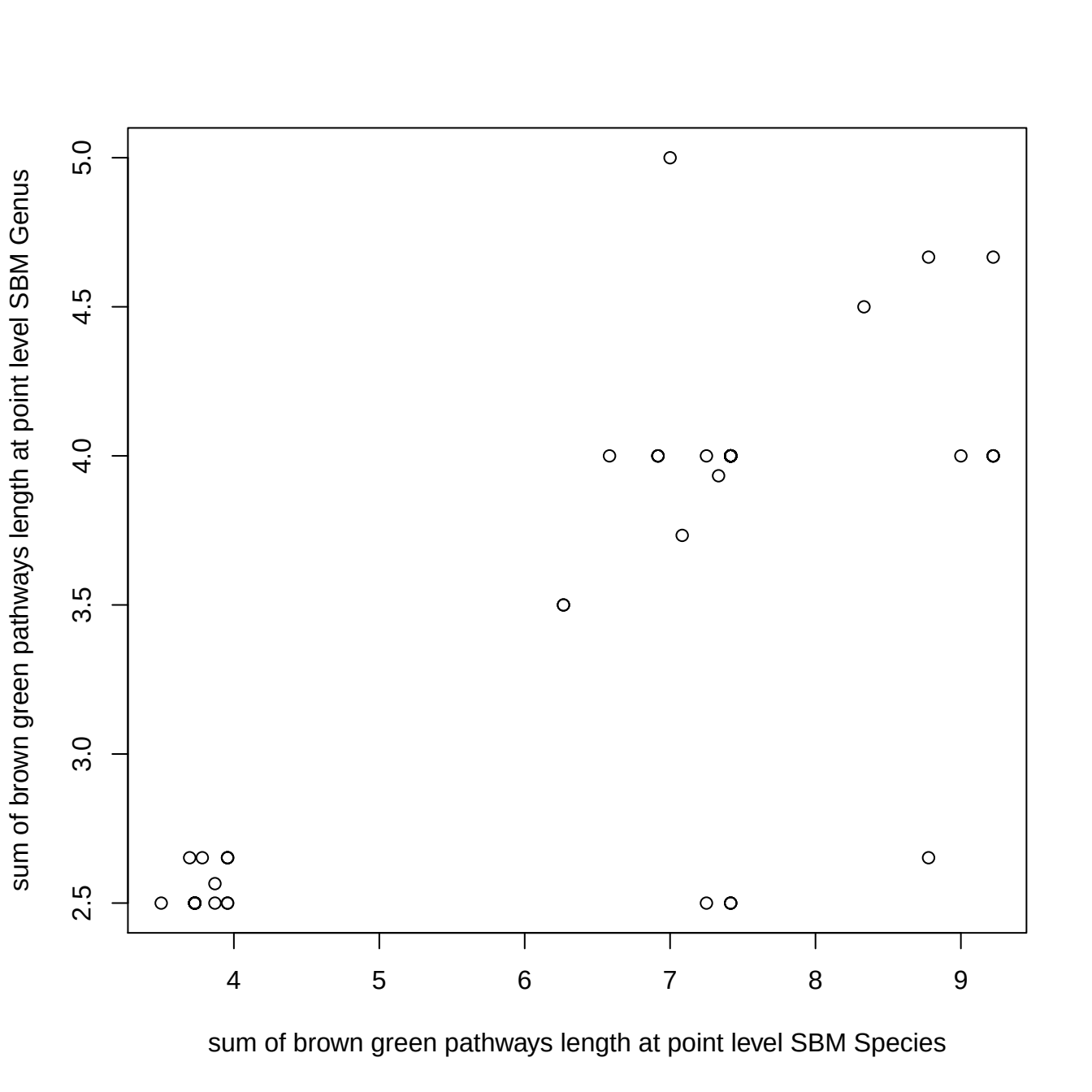

Number of edges at point level NONE Genus
6000
8000
10000
12000
14000
Number of edges at point level NONE Species
6000
8000
10000
12000
14000
16000
18000

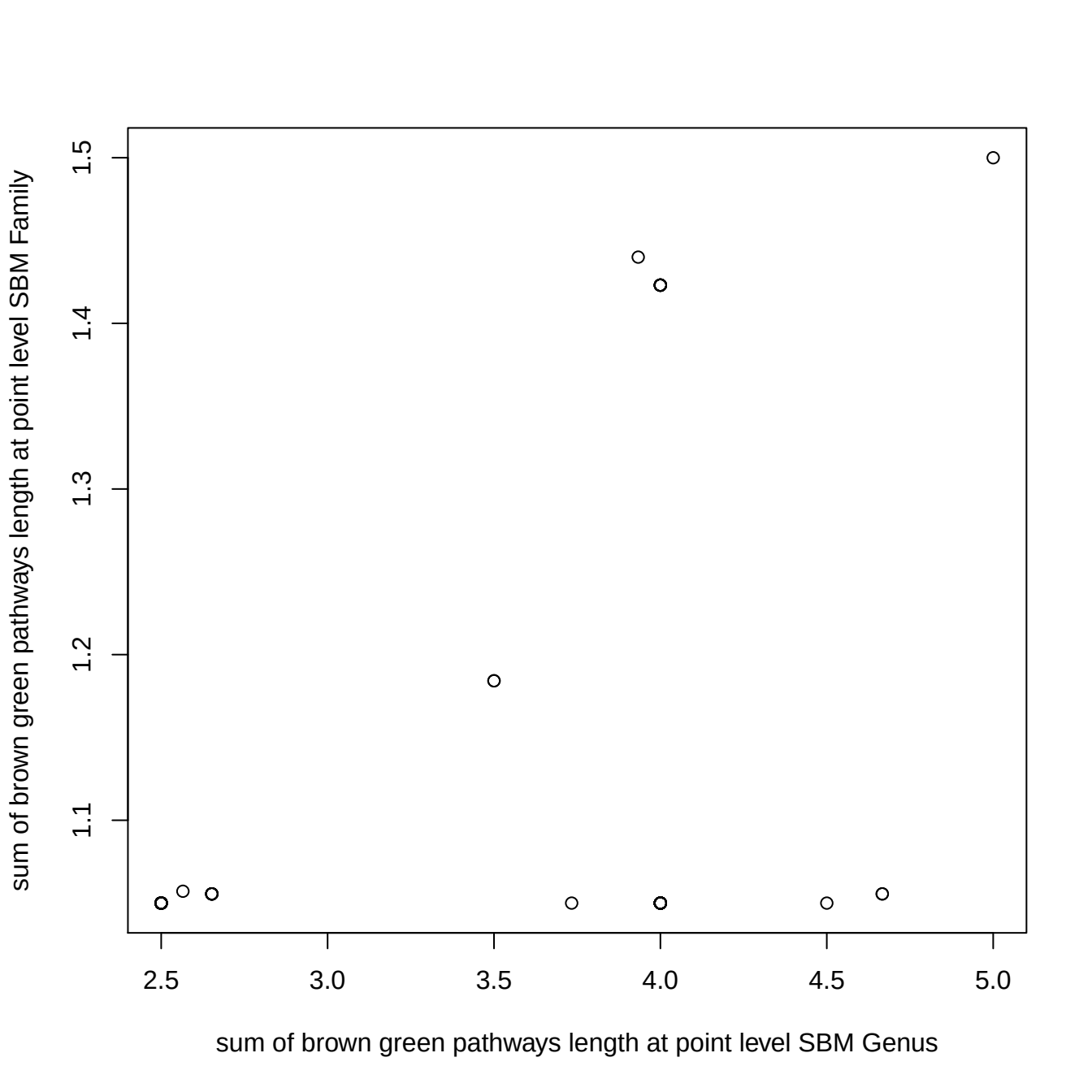

Number of edges at point level NONE Family
3500
4000
4500
5000
5500
6000
6500
7000
6000
8000
10000
12000
14000
Number of edges at point level NONE Genus

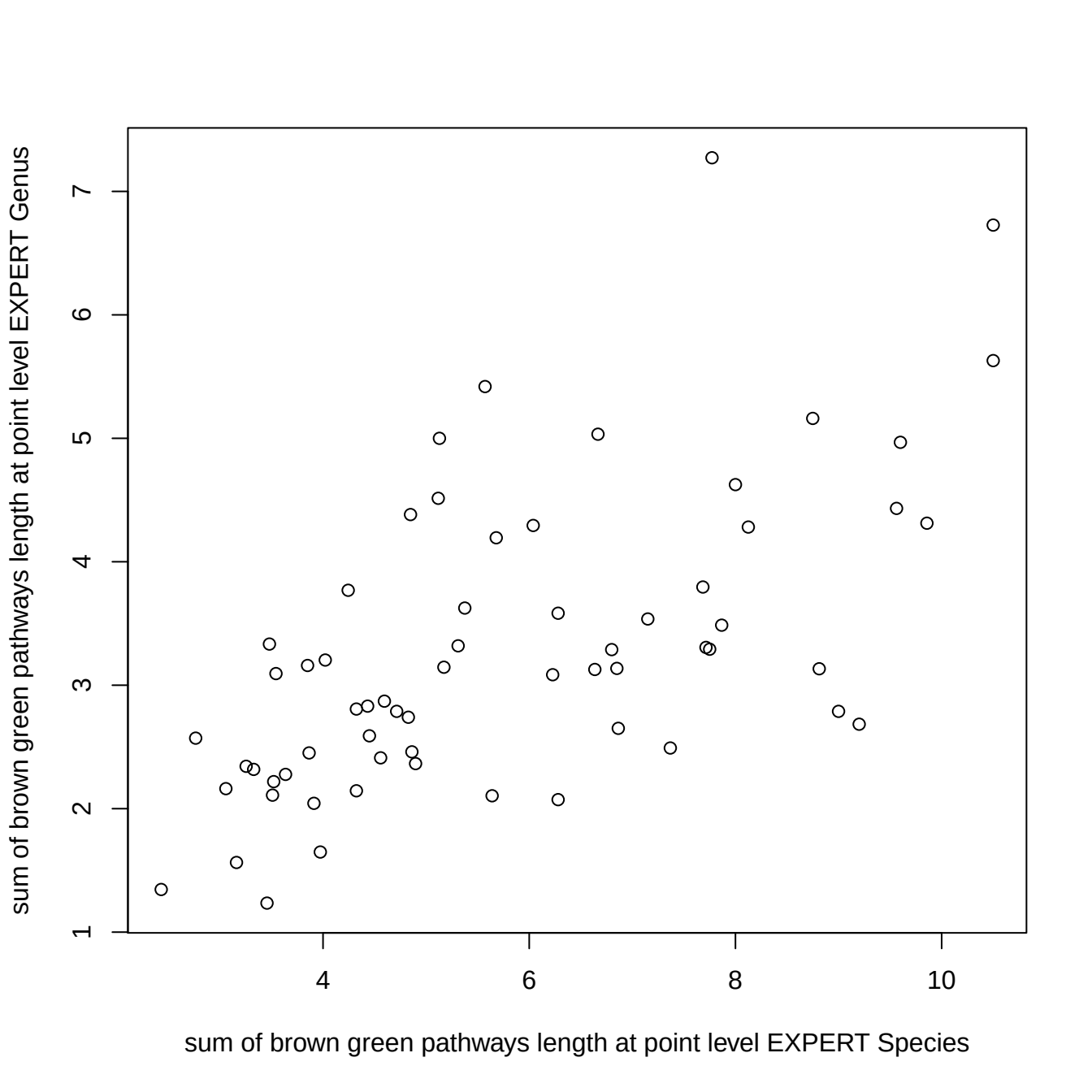

Number of edges
Level 2 Number of edges
Level 1 Number of edges
0
5000
10000
15000
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

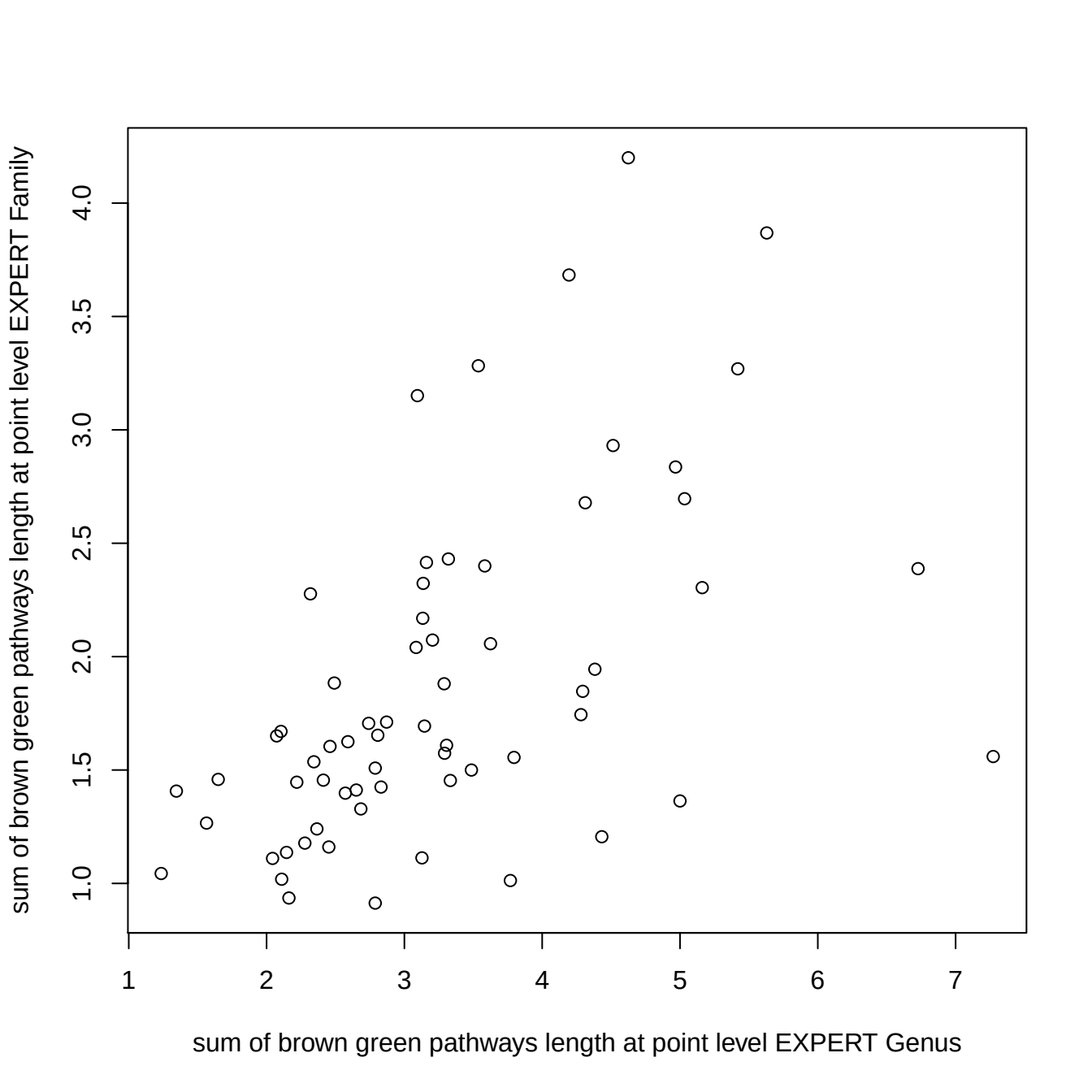

Number of edges
Level 2 Number of edges
Level 1 Number of edges
0
2000
4000
6000
0
5000
10000
15000
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

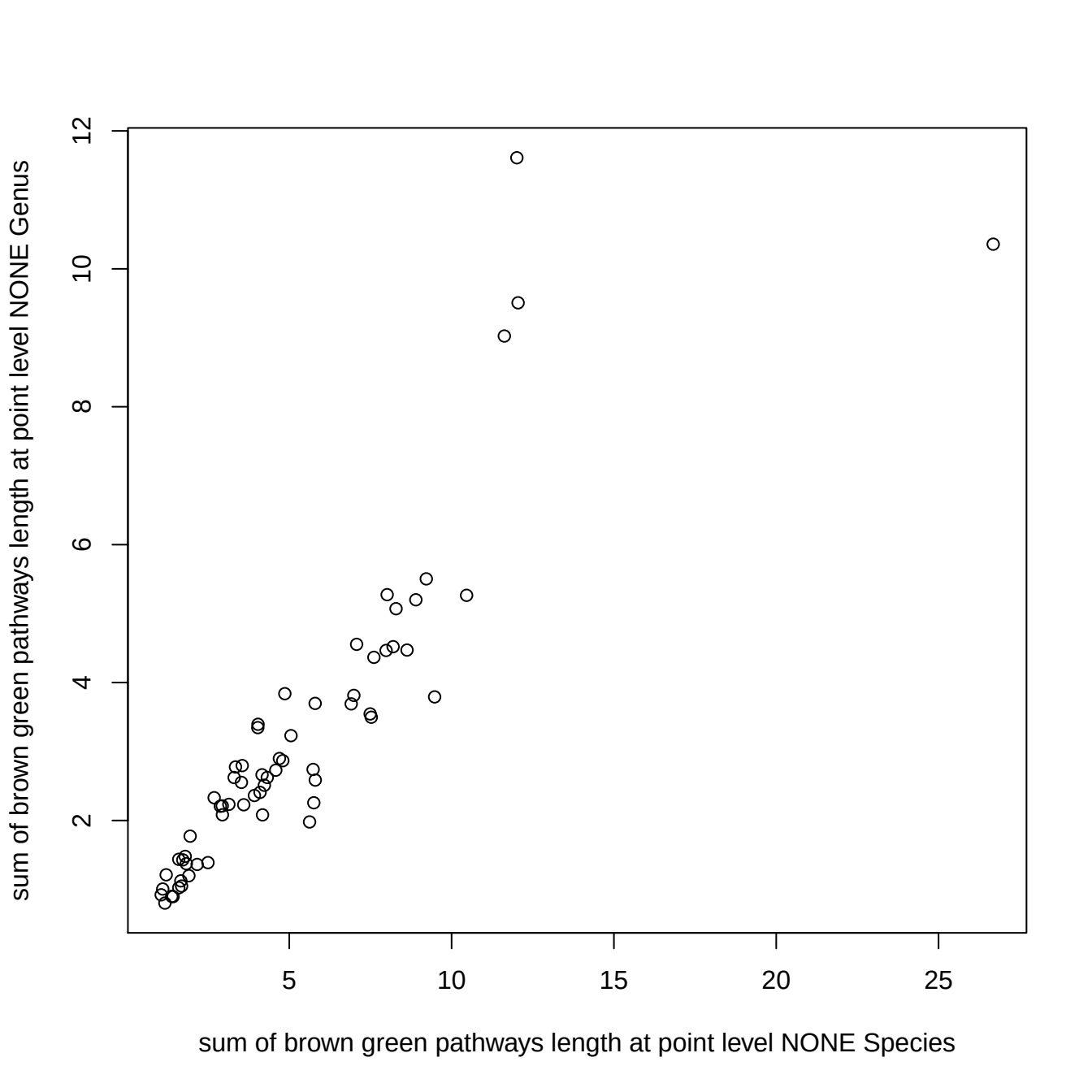

sum of brown green pathways length at point level
0.8
0.6
0.4
0.2
0.0
R²
EXPERT
NONE
SBM
Clustering method
taxonomic_level
Genus_Family
Species_Genus

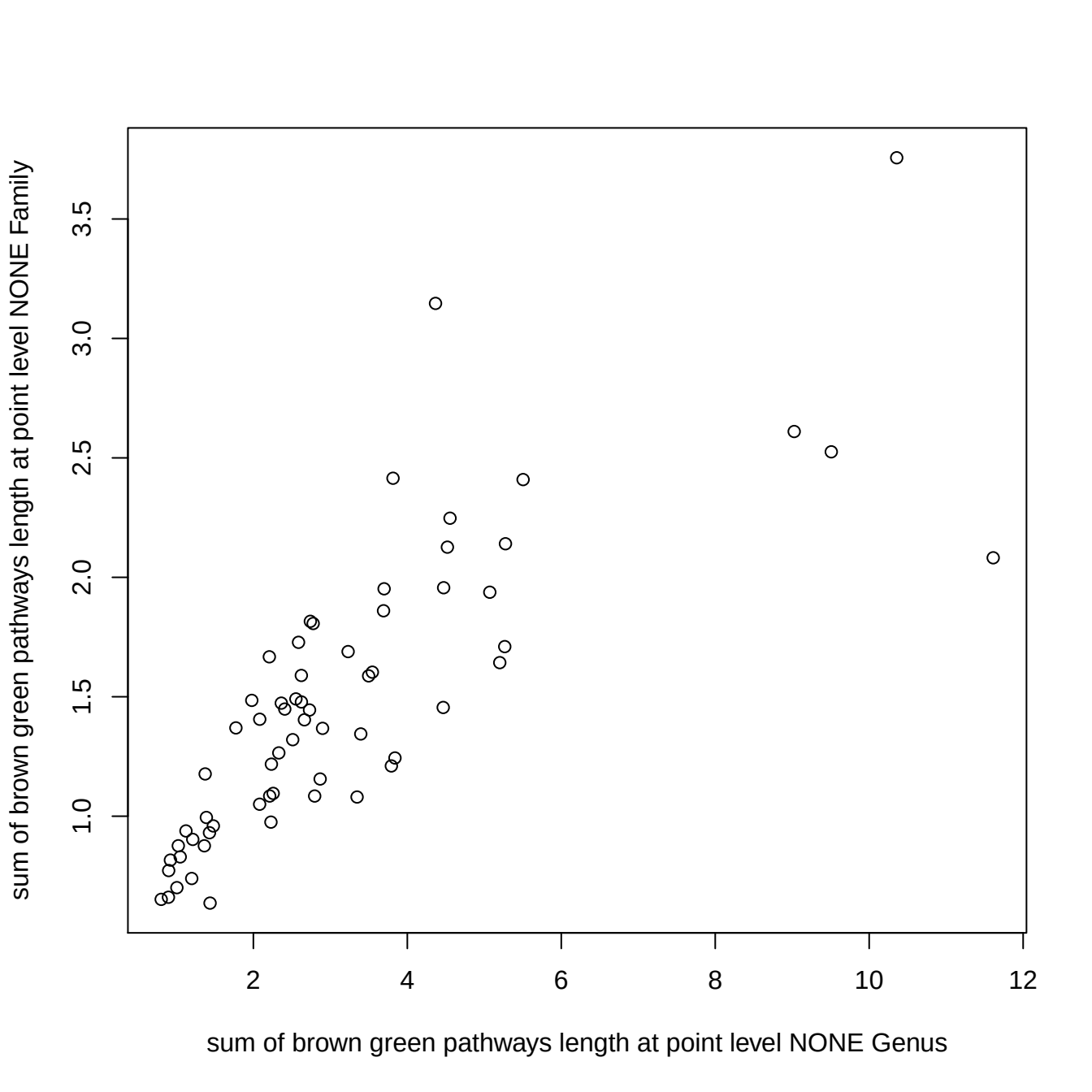

sum of brown green pathways length at point level SBM Genus
sum of brown green pathways length at point level SBM Species
2.5
3.0
3.5
4.0
4.5
5.0
4
5
6
7
8
9

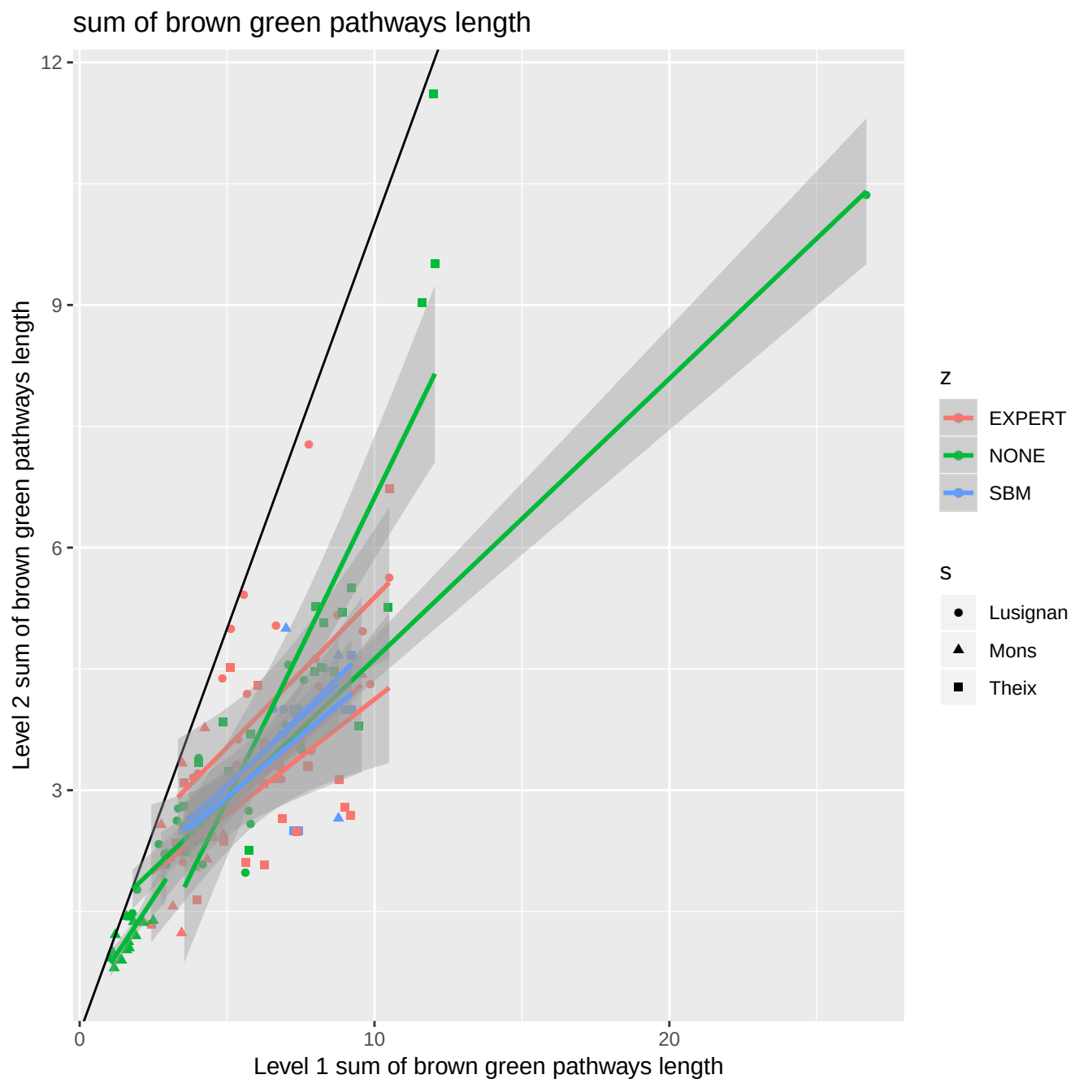

sum of brown green pathways length at point level SBM Family
1.1
1.2
1.3
1.4
1.5
2.5
3.0
3.5
4.0
4.5
5.0
sum of brown green pathways length at point level SBM Genus

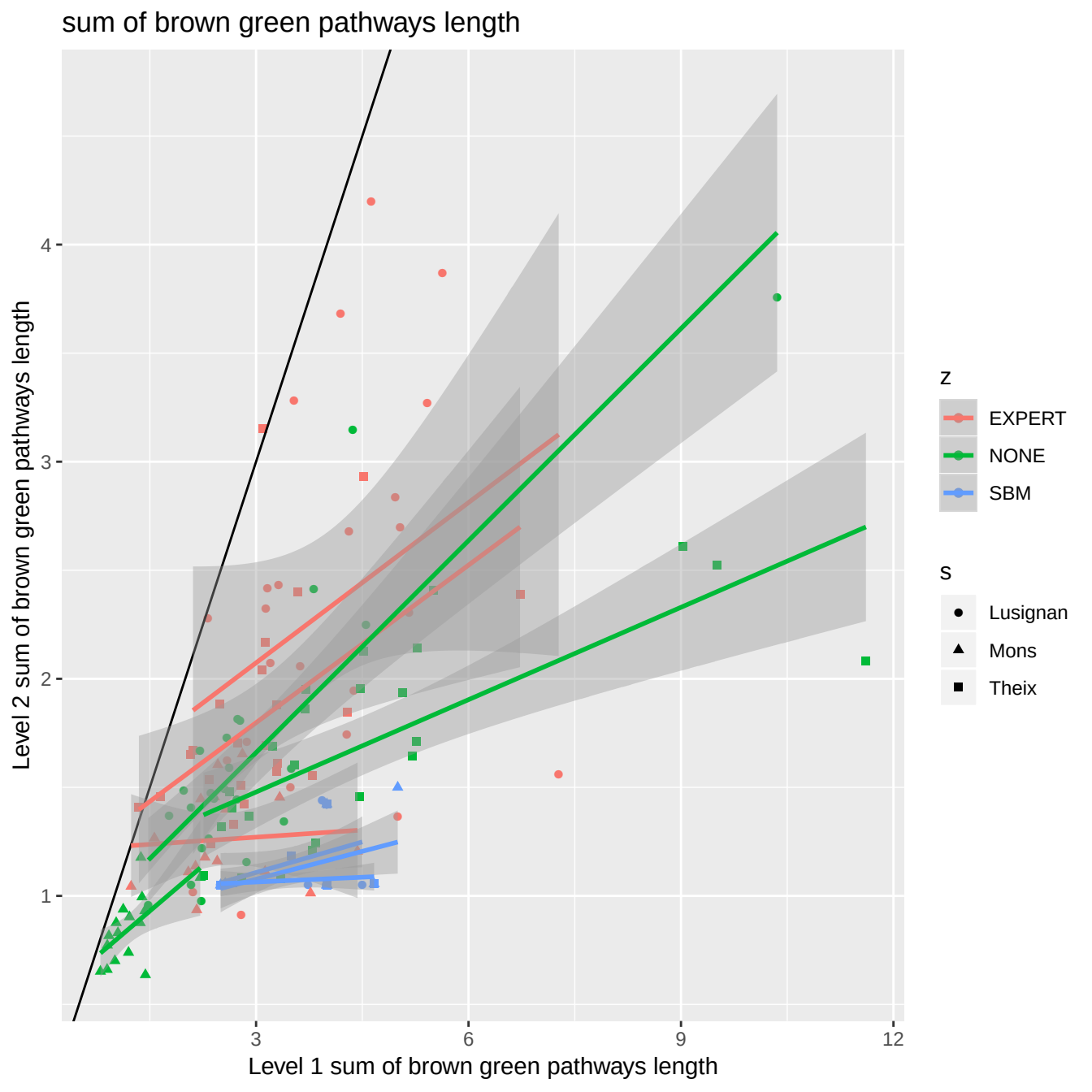

sum of brown green pathways length at point level EXPERT Genus
sum of brown green pathways length at point level EXPERT Species
1
2
3
4
5
6
7
4
6
8
10

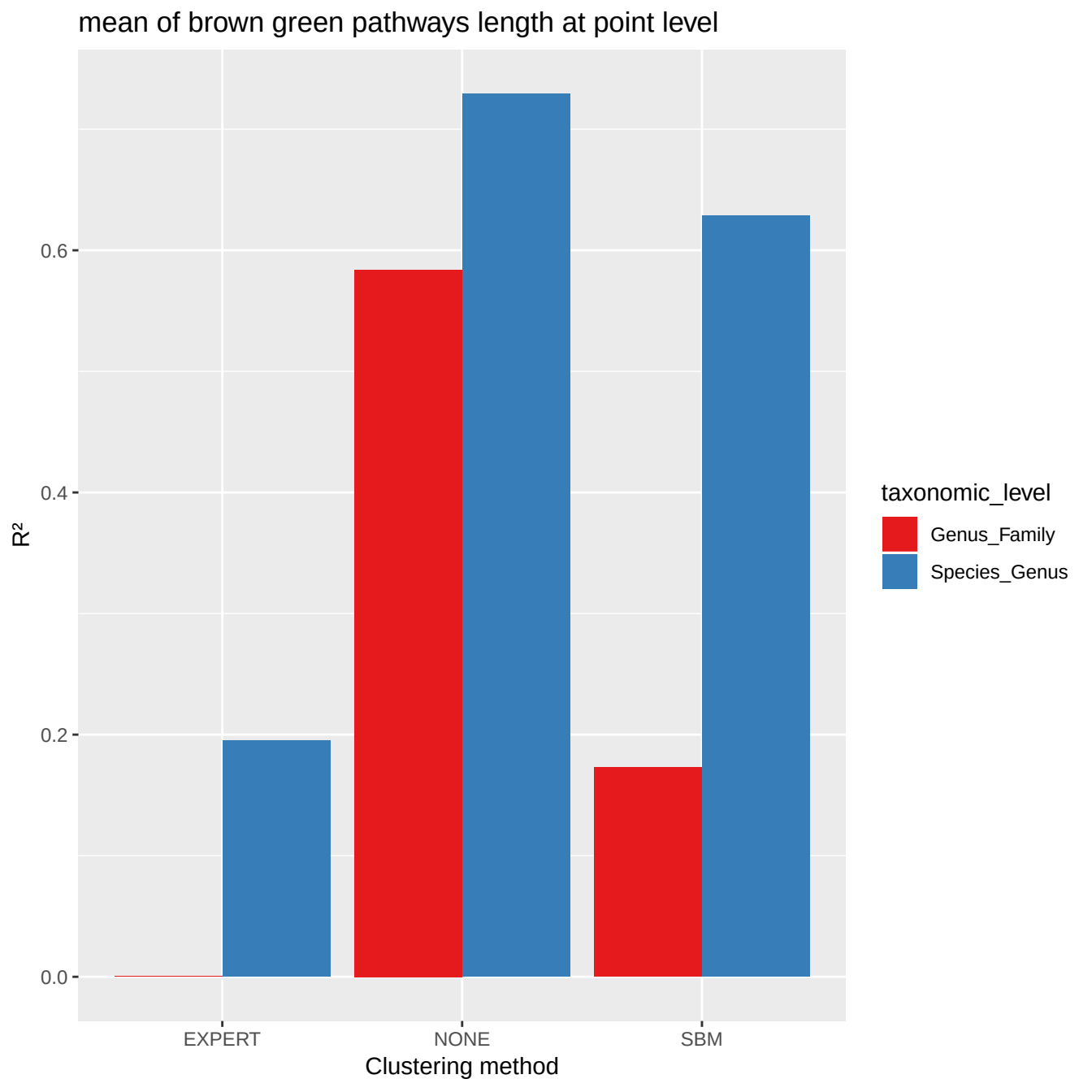

sum of brown green pathways length at point level EXPERT Family
1.0
1.5
2.0
2.5
3.0
3.5
4.0
1
2
3
4
5
6
7
sum of brown green pathways length at point level EXPERT Genus

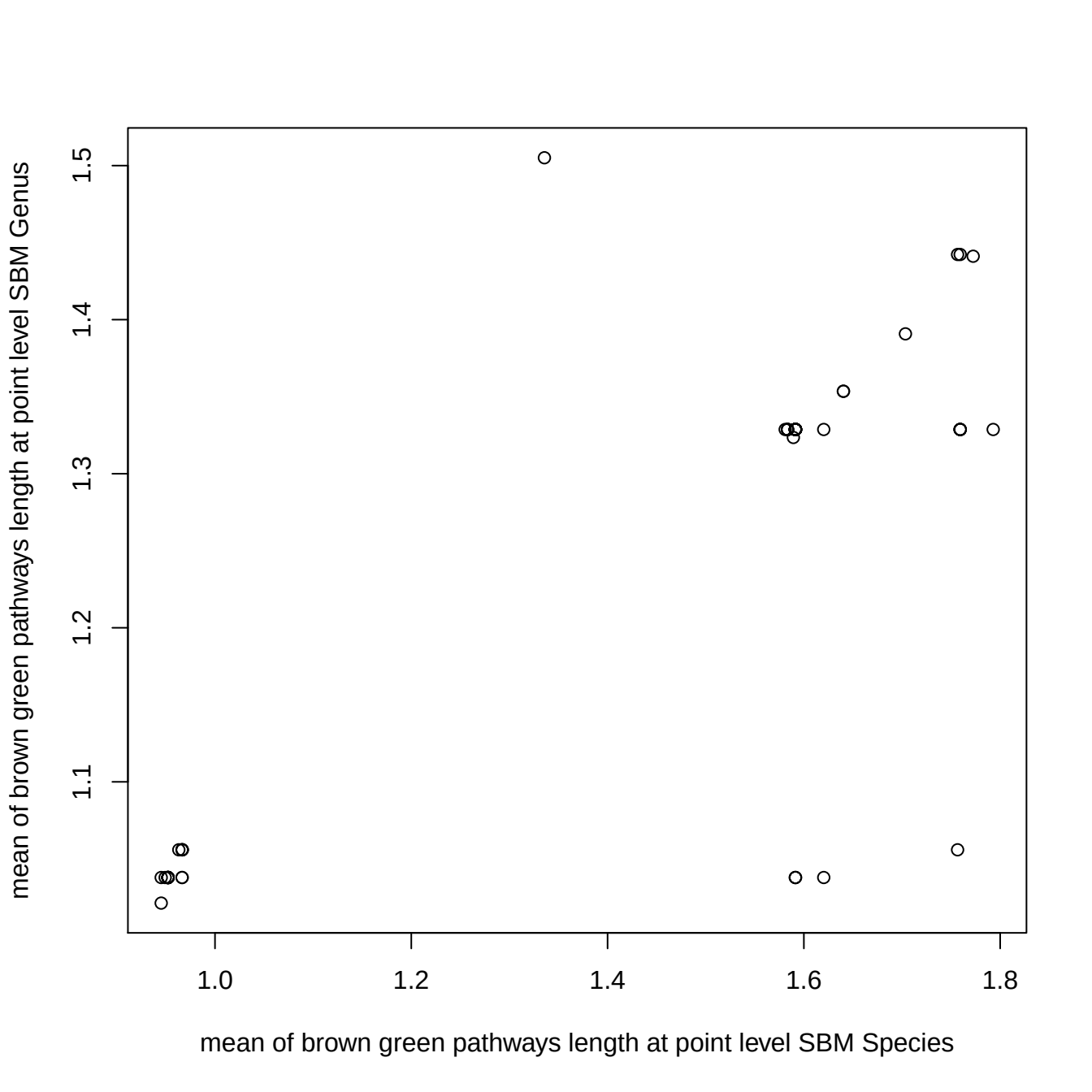

sum of brown green pathways length at point level NONE Genus
sum of brown green pathways length at point level NONE Species
2
4
6
8
10
12
5
10
15
20
25

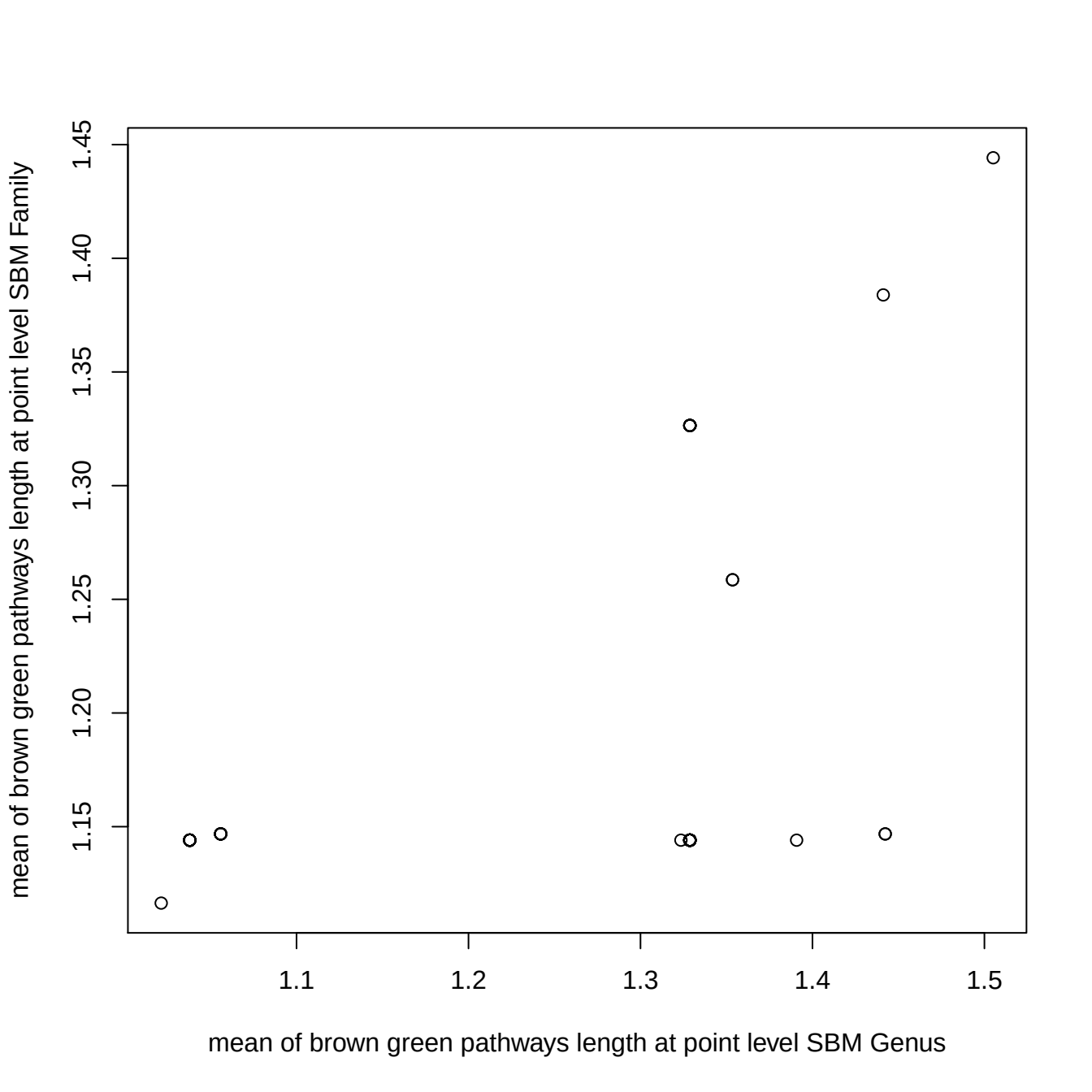

sum of brown green pathways length at point level NONE Family
1.0
1.5
2.0
2.5
3.0
3.5
2
4
6
8
10
12
sum of brown green pathways length at point level NONE Genus

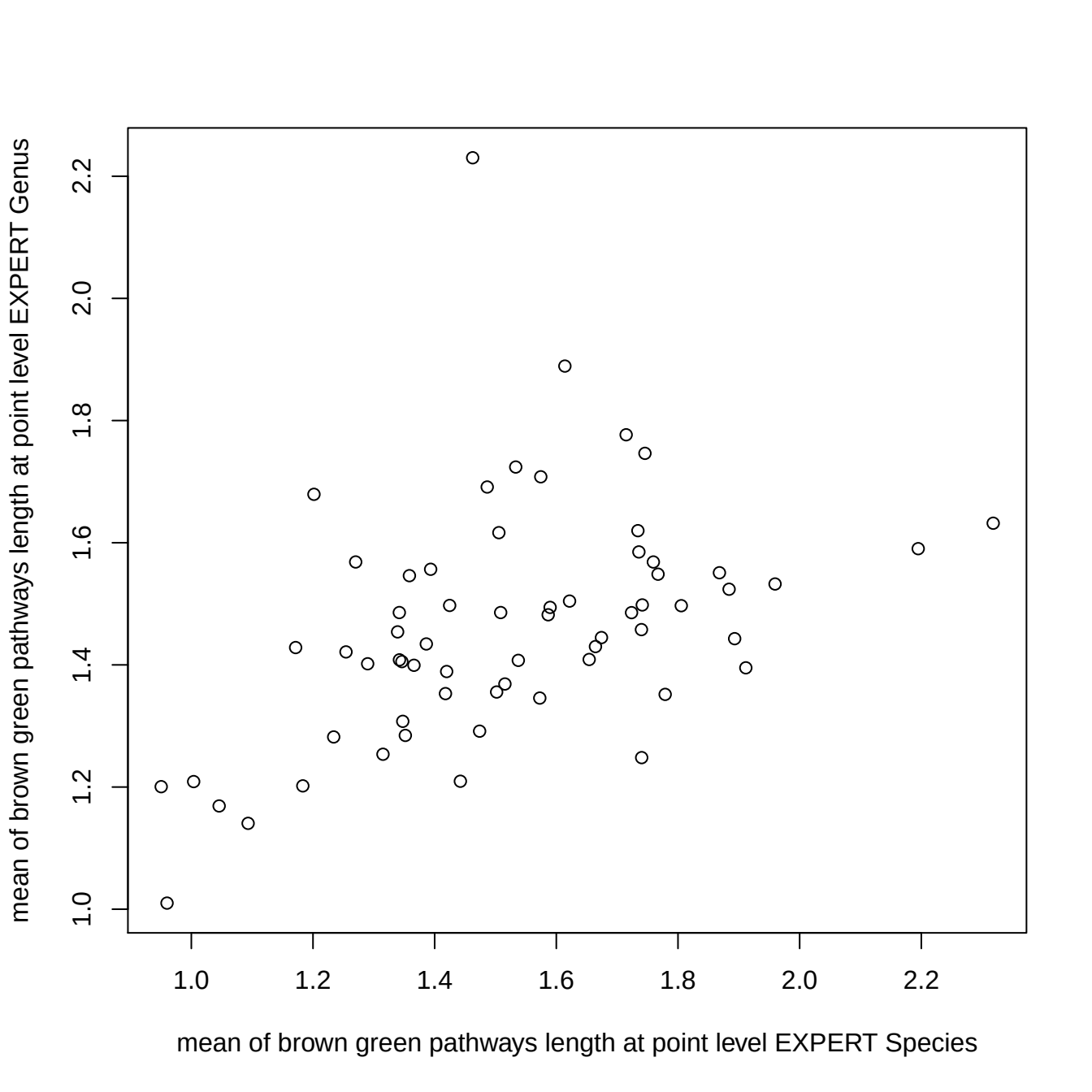

sum of brown green pathways length
Level 2 sum of brown green pathways length
Level 1 sum of brown green pathways length
12
9
6
3
0
10
20
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

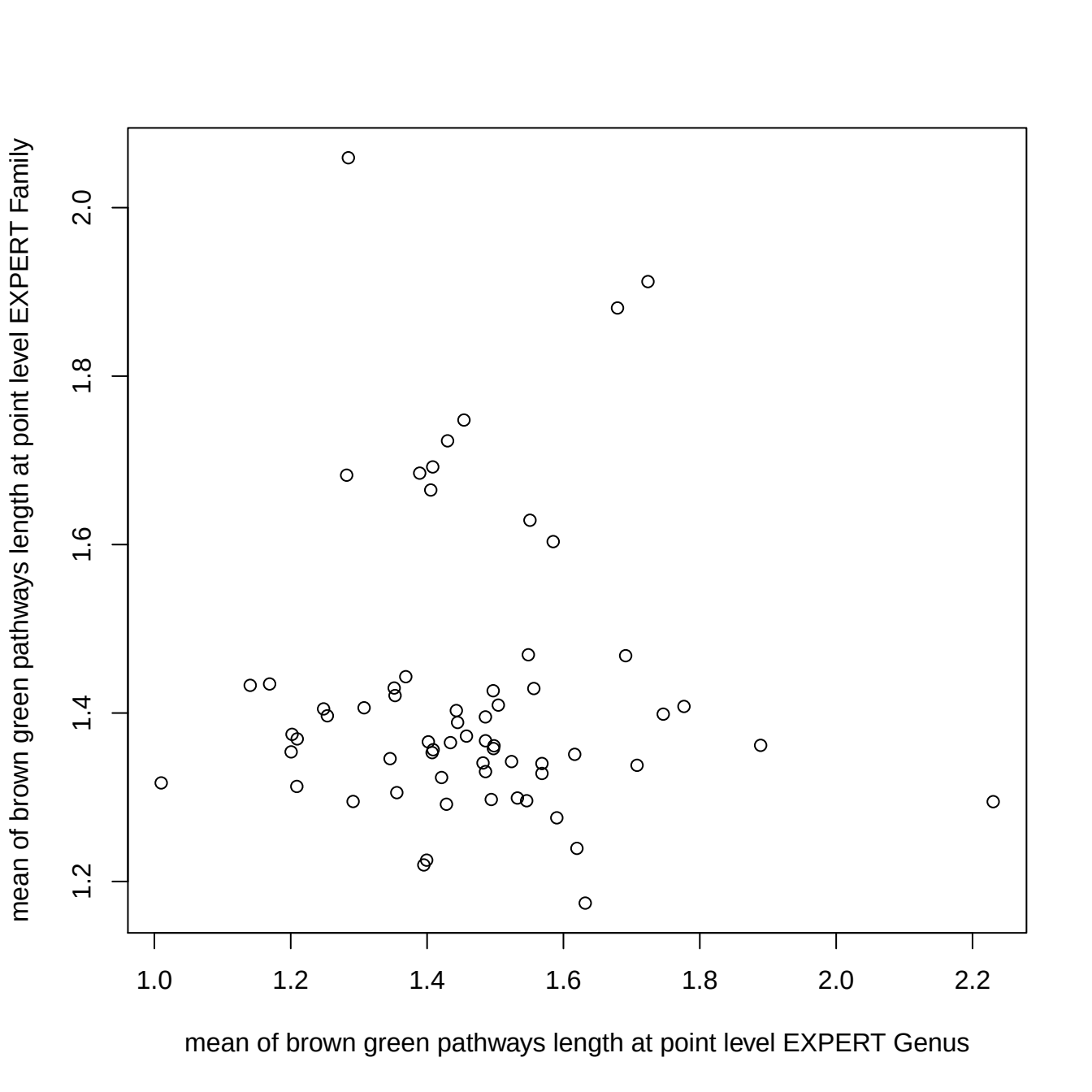

sum of brown green pathways length
Level 2 sum of brown green pathways length
Level 1 sum of brown green pathways length
1
2
3
4
3
6
9
12
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

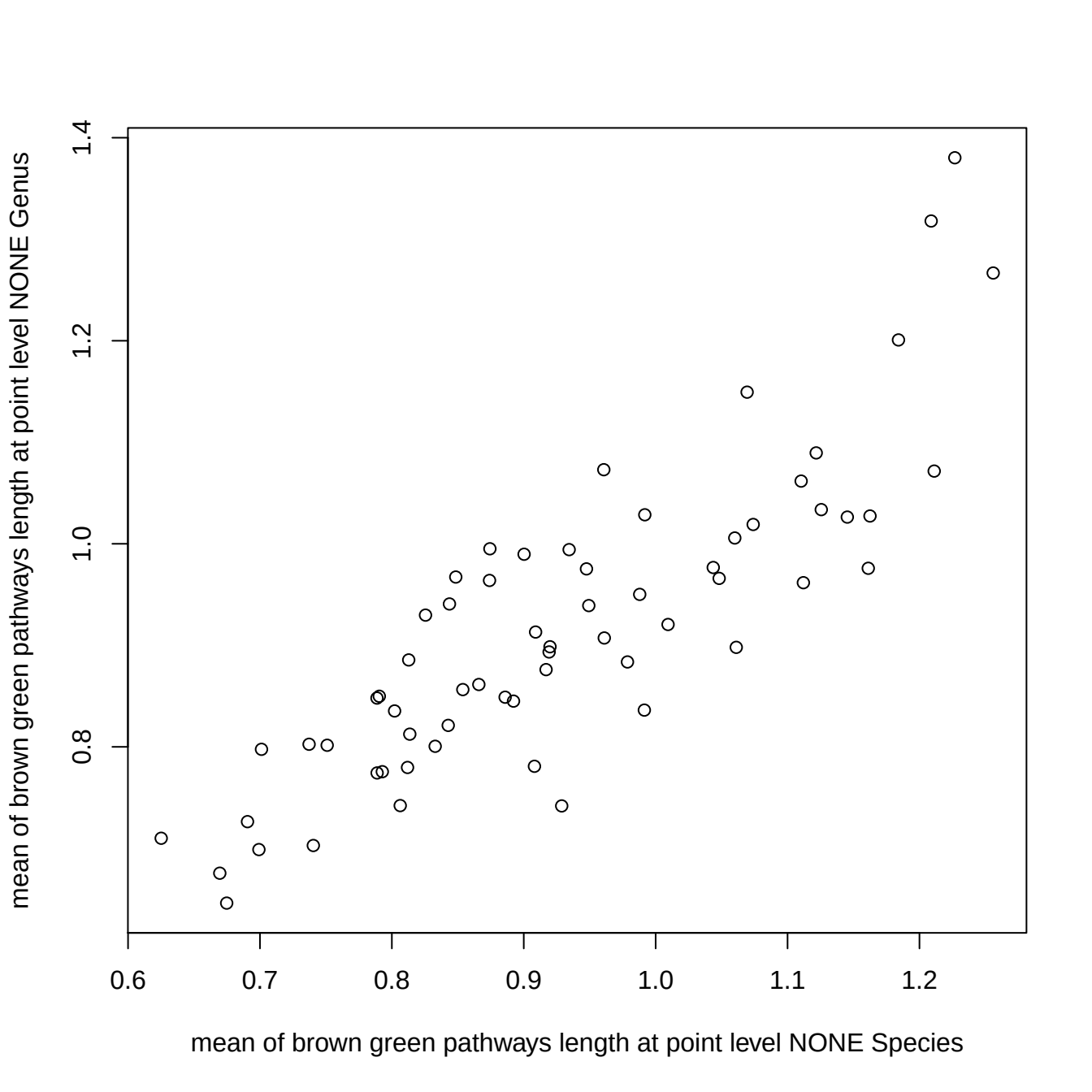

mean of brown green pathways length at point level
0.6
0.4
0.2
0.0
R²
EXPERT
NONE
SBM
Clustering method
taxonomic_level
Genus_Family
Species_Genus

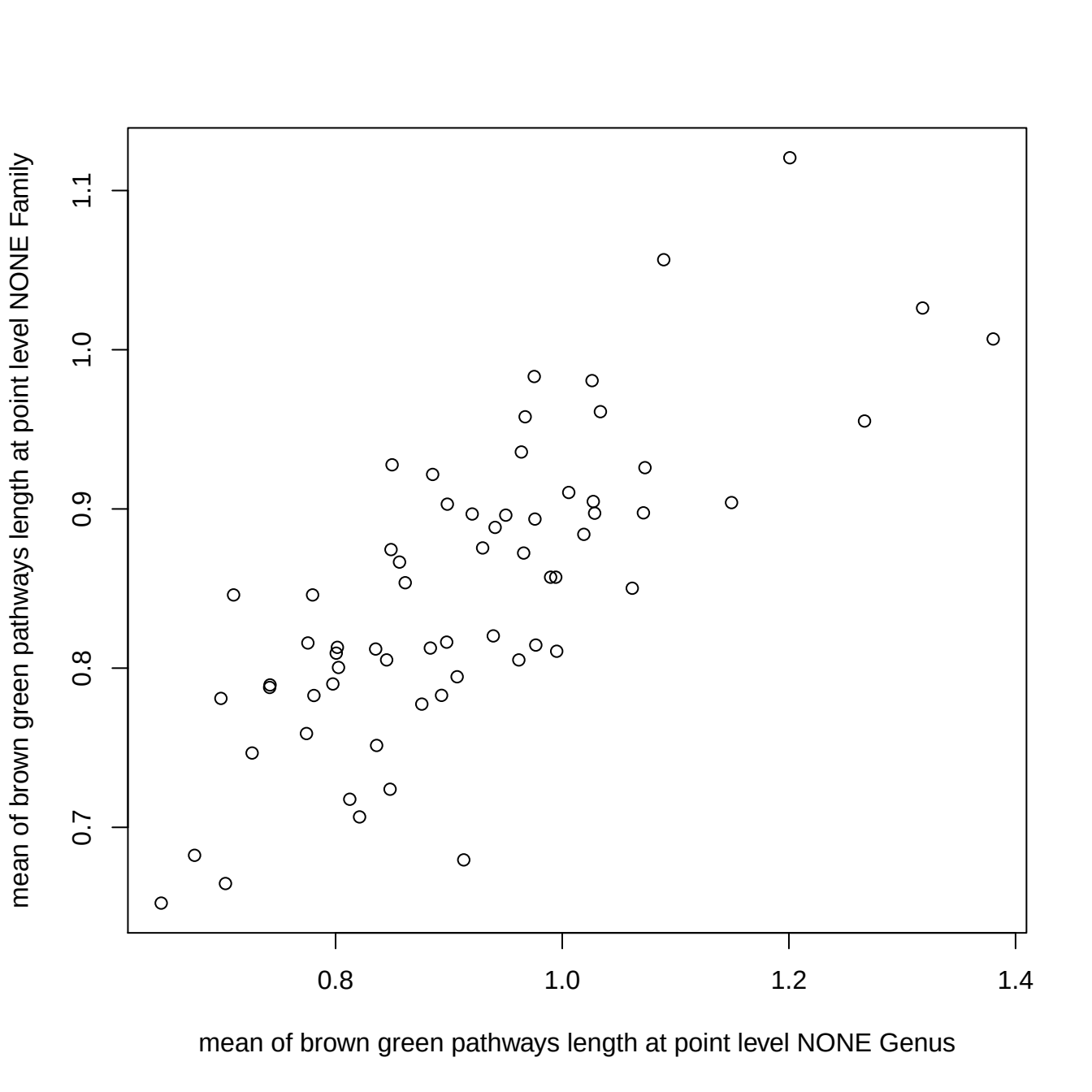

mean of brown green pathways length at point level SBM Genus
1.1
1.2
1.3
1.4
1.5
1.0
1.2
1.4
1.6
1.8
mean of brown green pathways length at point level SBM Species

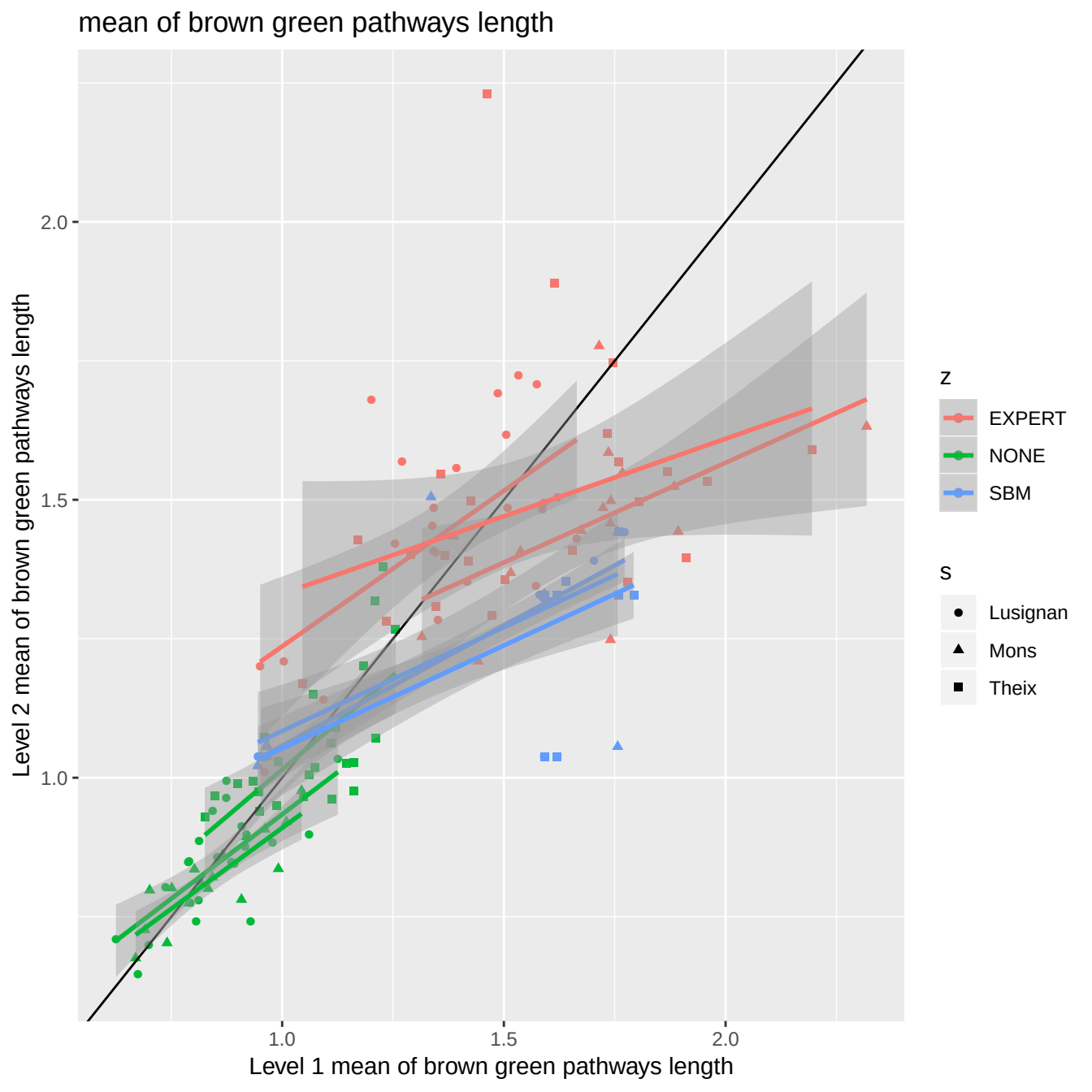

mean of brown green pathways length at point level SBM Family
1.15
1.20
1.25
1.30
1.35
1.40
1.45
1.1
1.2
1.3
1.4
1.5
mean of brown green pathways length at point level SBM Genus

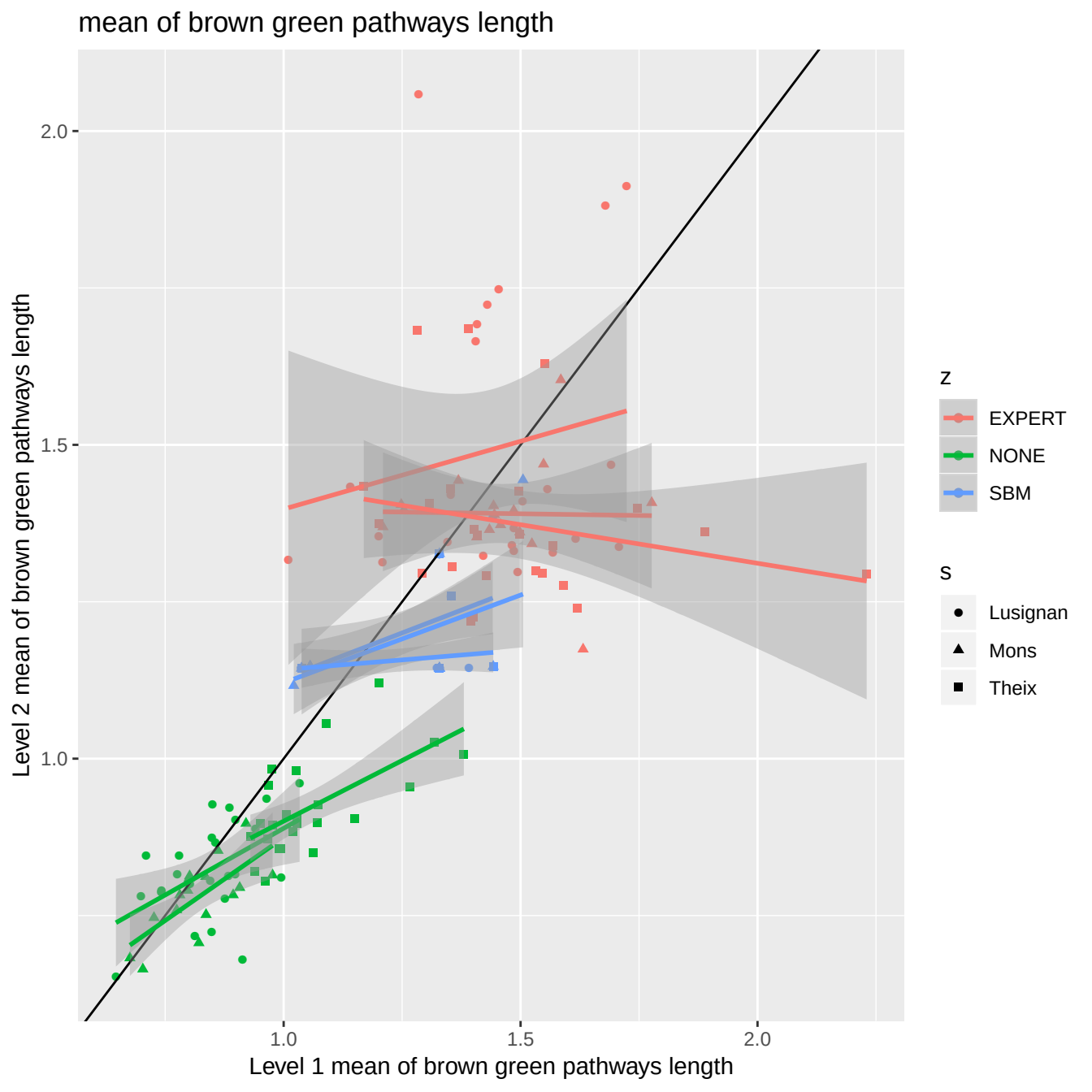

mean of brown green pathways length at point level EXPERT Genus
1.0
1.2
1.4
1.6
1.8
2.0
2.2
mean of brown green pathways length at point level EXPERT Species
1.0
1.2
1.4
1.6
1.8
2.0
2.2

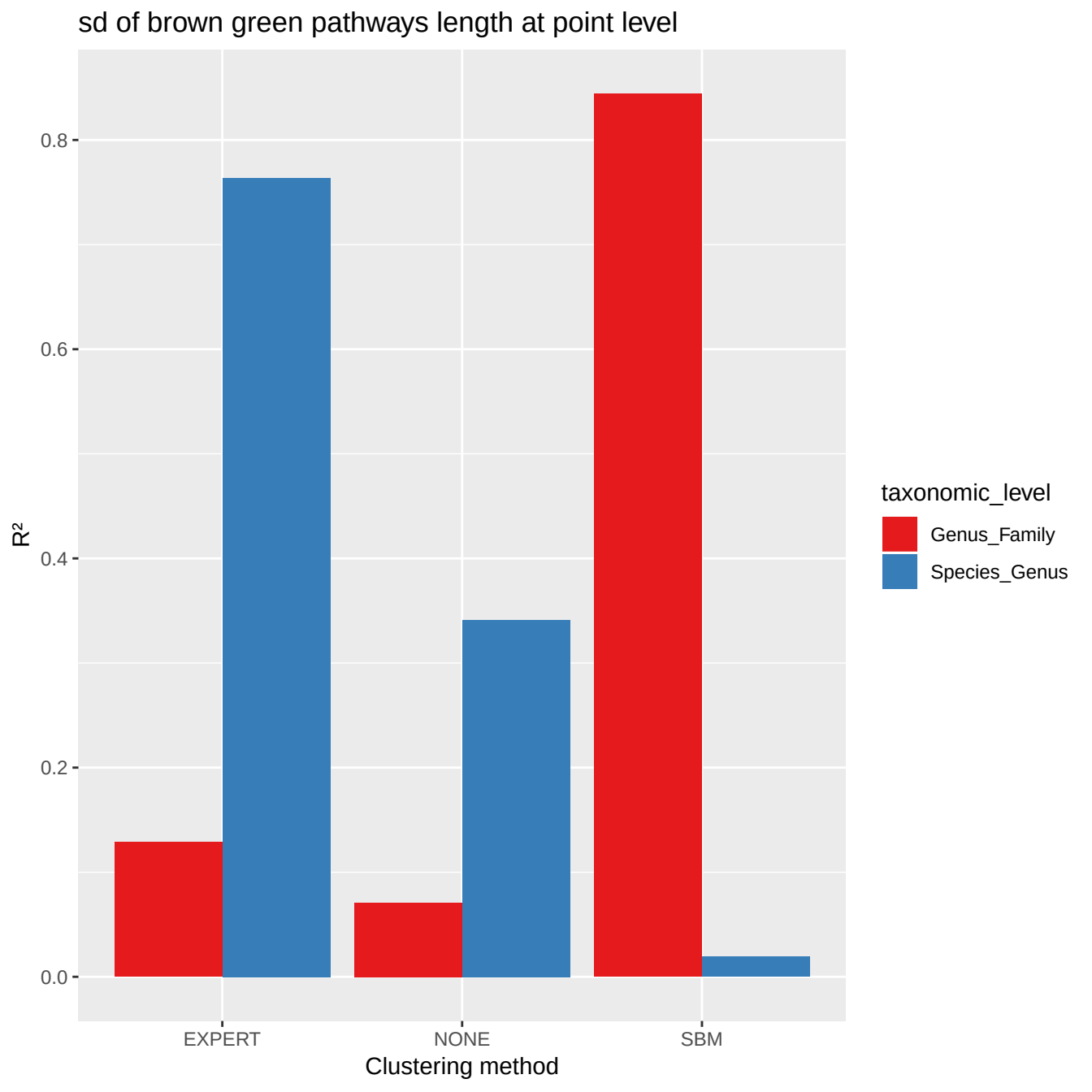

mean of brown green pathways length at point level EXPERT Family
mean of brown green pathways length at point level EXPERT Genus
1.2
1.4
1.6
1.8
2.0
1.0
1.2
1.4
1.6
1.8
2.0
2.2

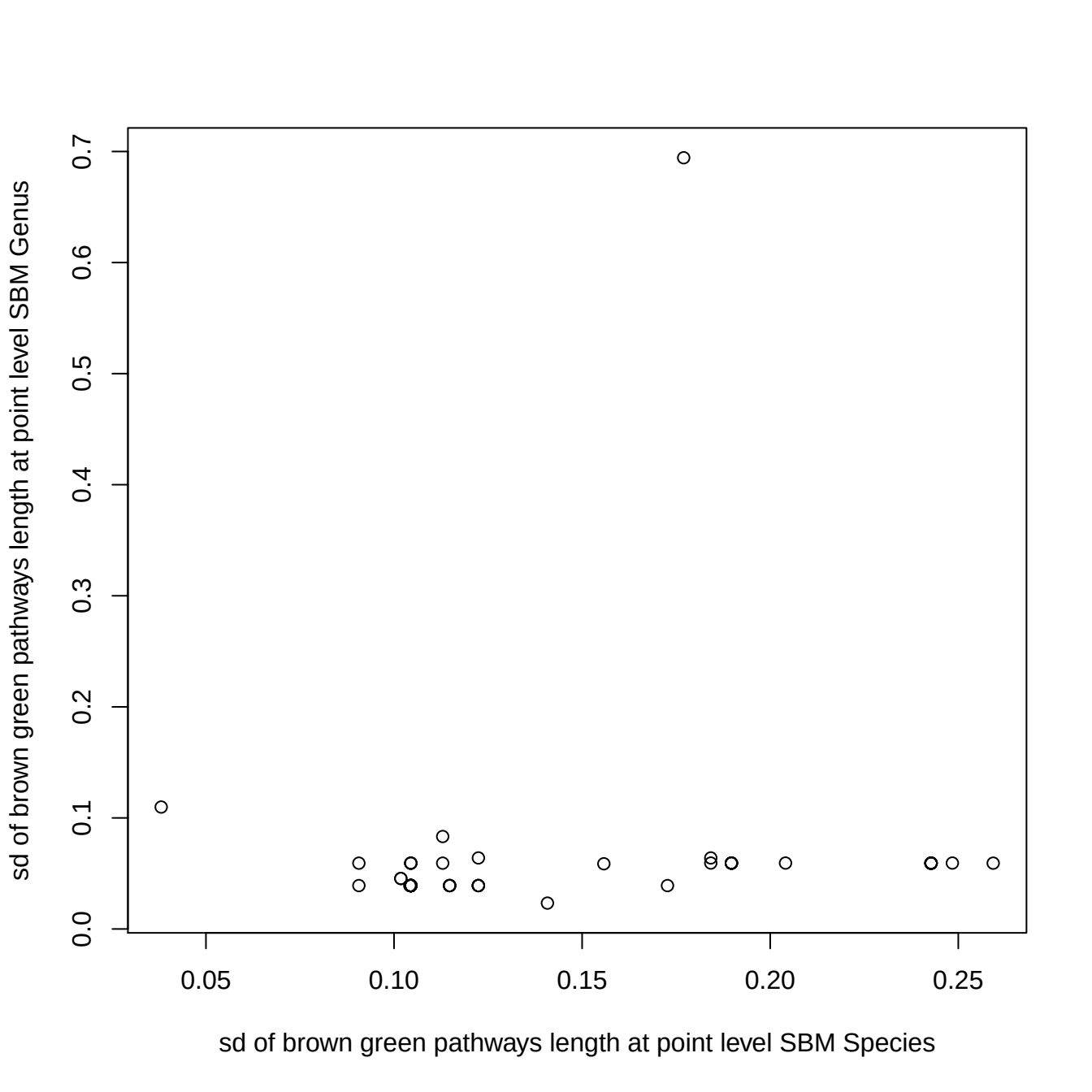

mean of brown green pathways length at point level NONE Genus
0.8
1.0
1.2
1.4
0.6
0.7
0.8
0.9
1.0
1.1
1.2
mean of brown green pathways length at point level NONE Species

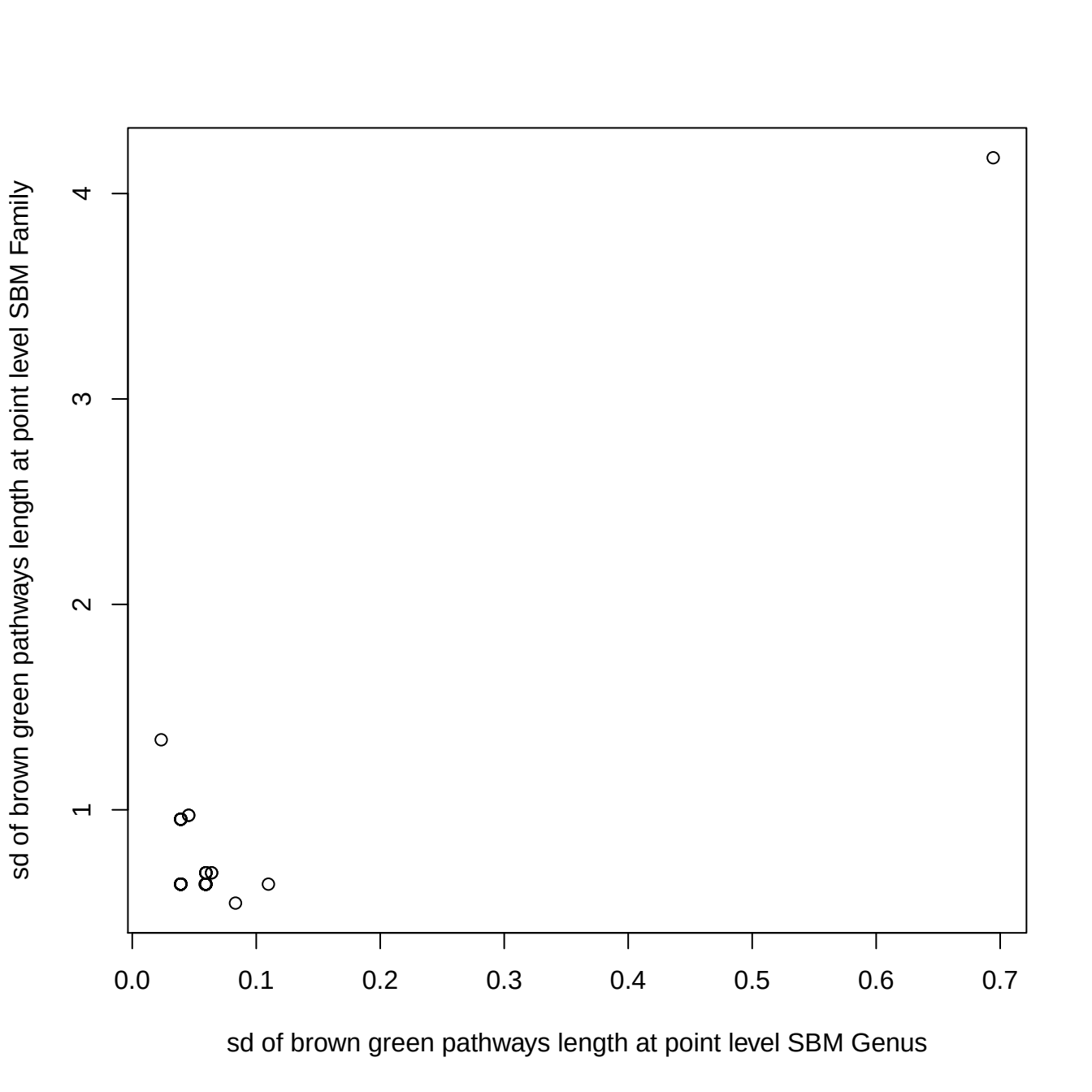

mean of brown green pathways length at point level NONE Family
0.7
0.8
0.9
1.0
1.1
0.8
1.0
1.2
1.4
mean of brown green pathways length at point level NONE Genus

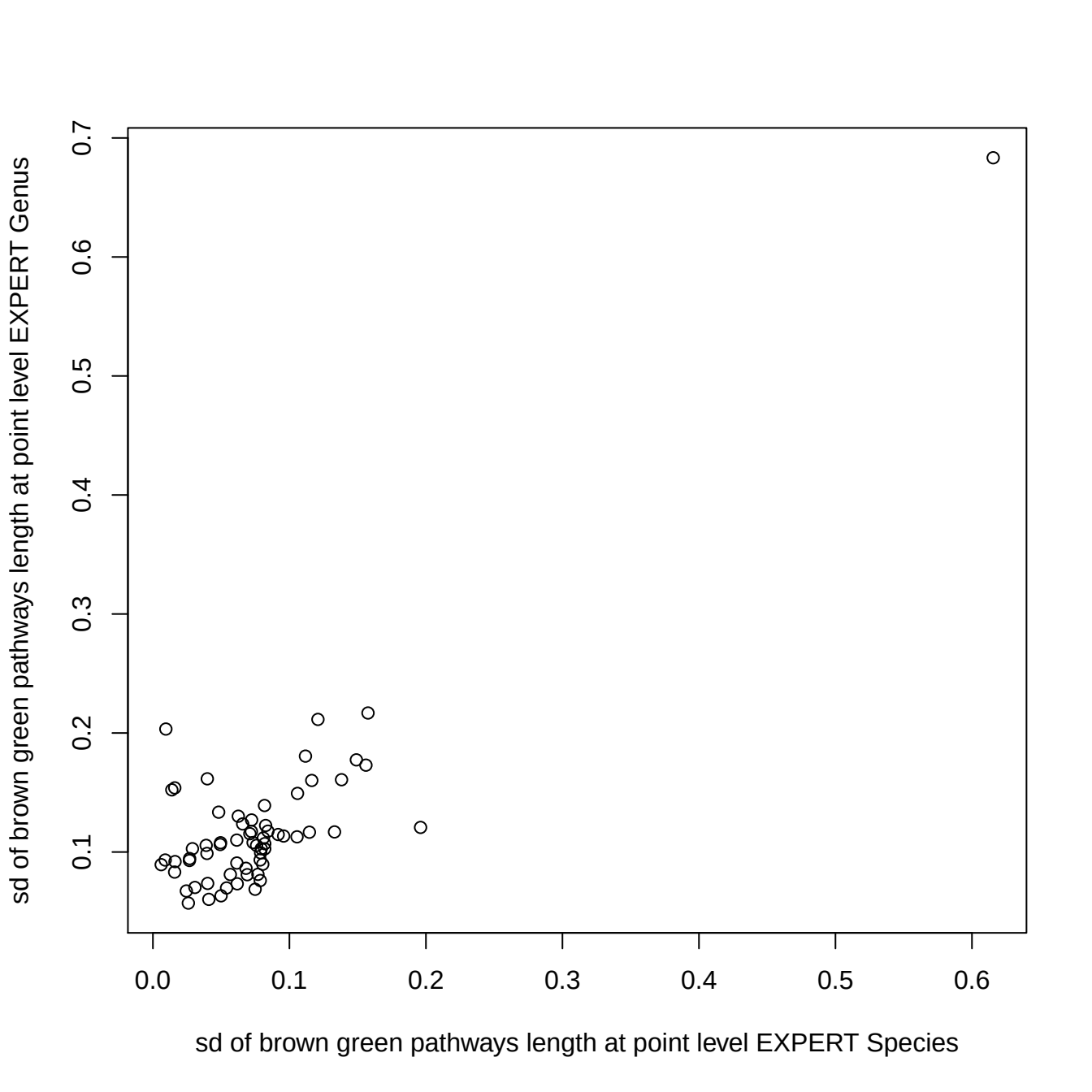

mean of brown green pathways length
Level 2 mean of brown green pathways length
Level 1 mean of brown green pathways length
2.0
1.5
1.0
1.0
1.5
2.0
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

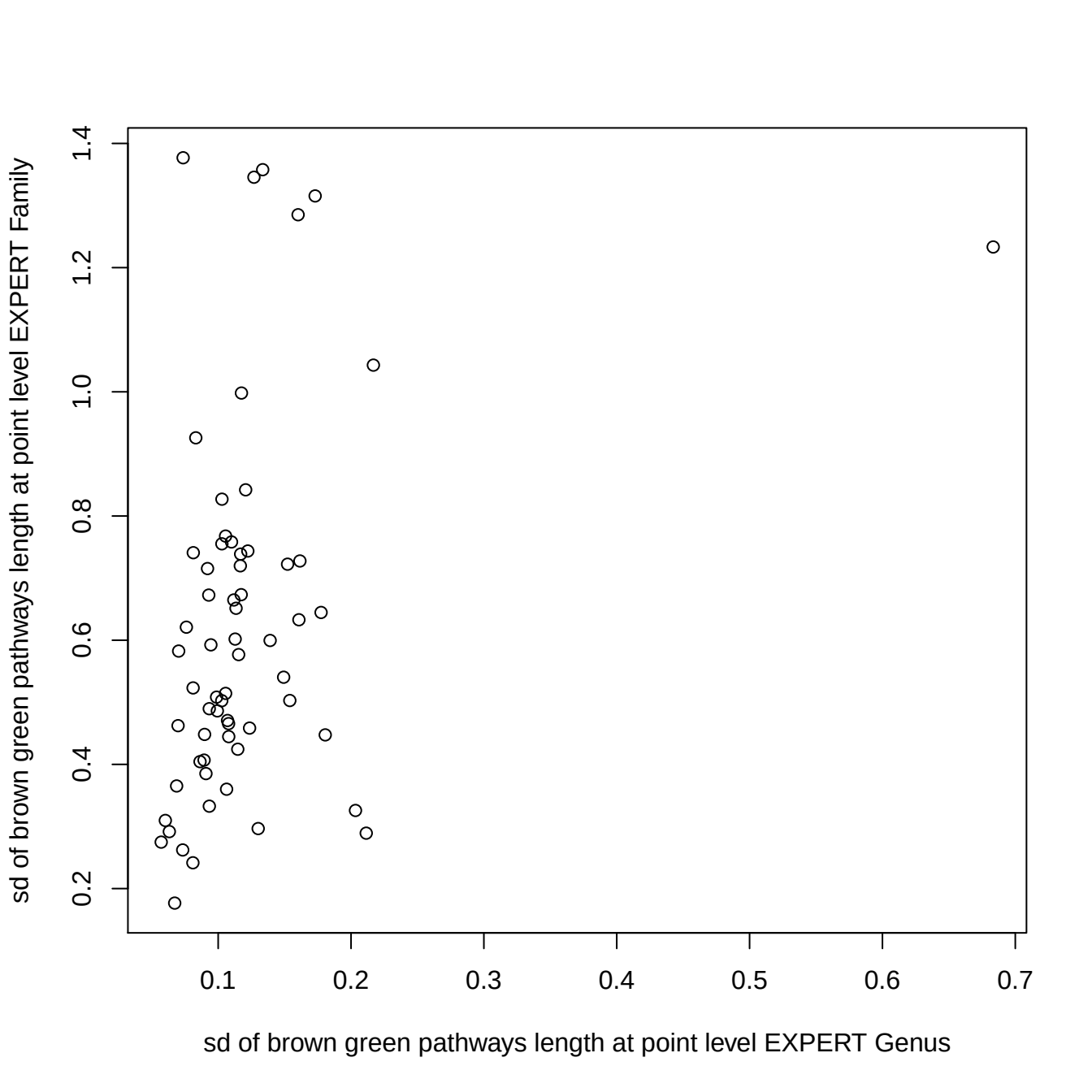

mean of brown green pathways length
Level 2 mean of brown green pathways length
Level 1 mean of brown green pathways length
2.0
1.5
1.0
1.0
1.5
2.0
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

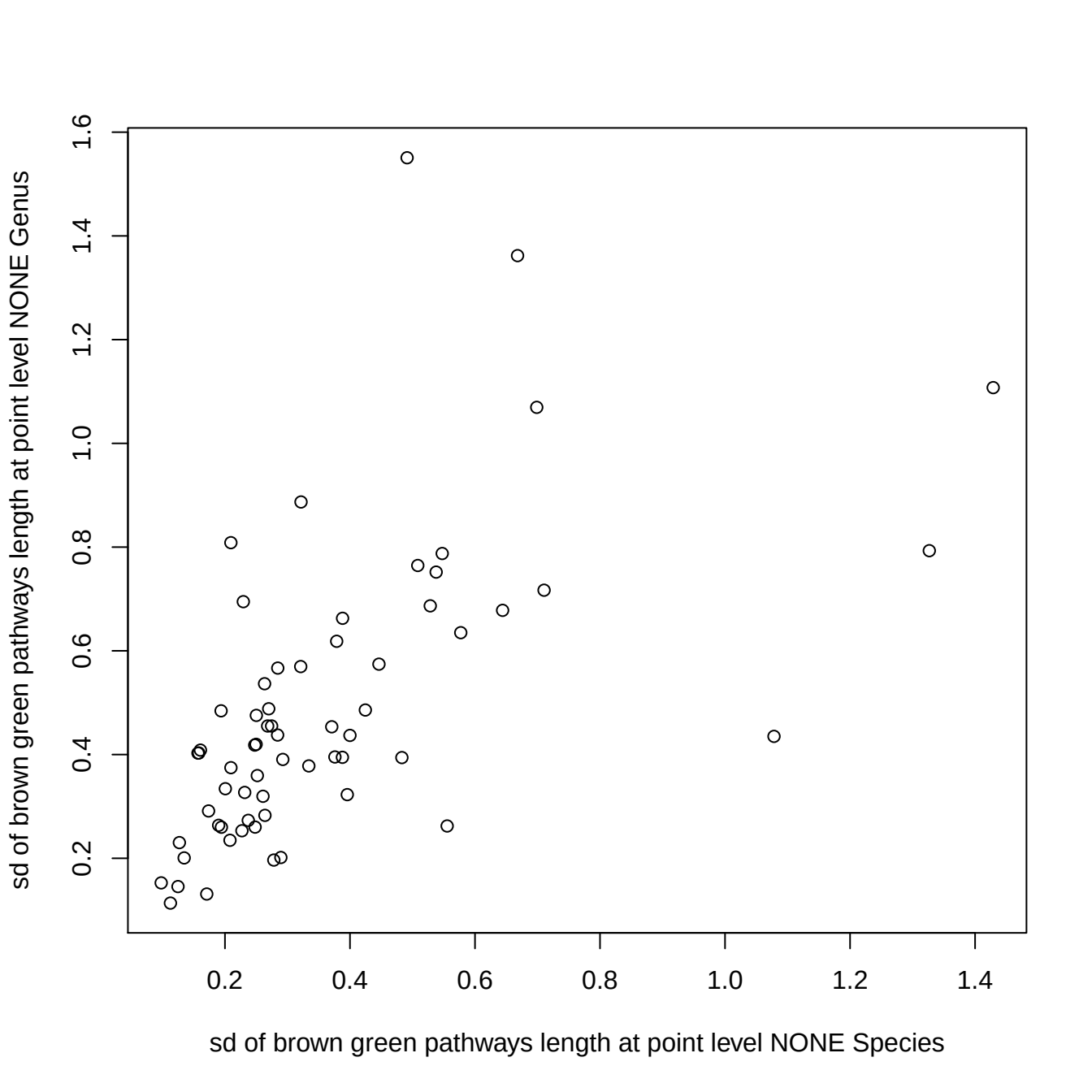

sd of brown green pathways length at point level
0.8
0.6
0.4
0.2
0.0
R²
EXPERT
NONE
SBM
Clustering method
taxonomic_level
Genus_Family
Species_Genus

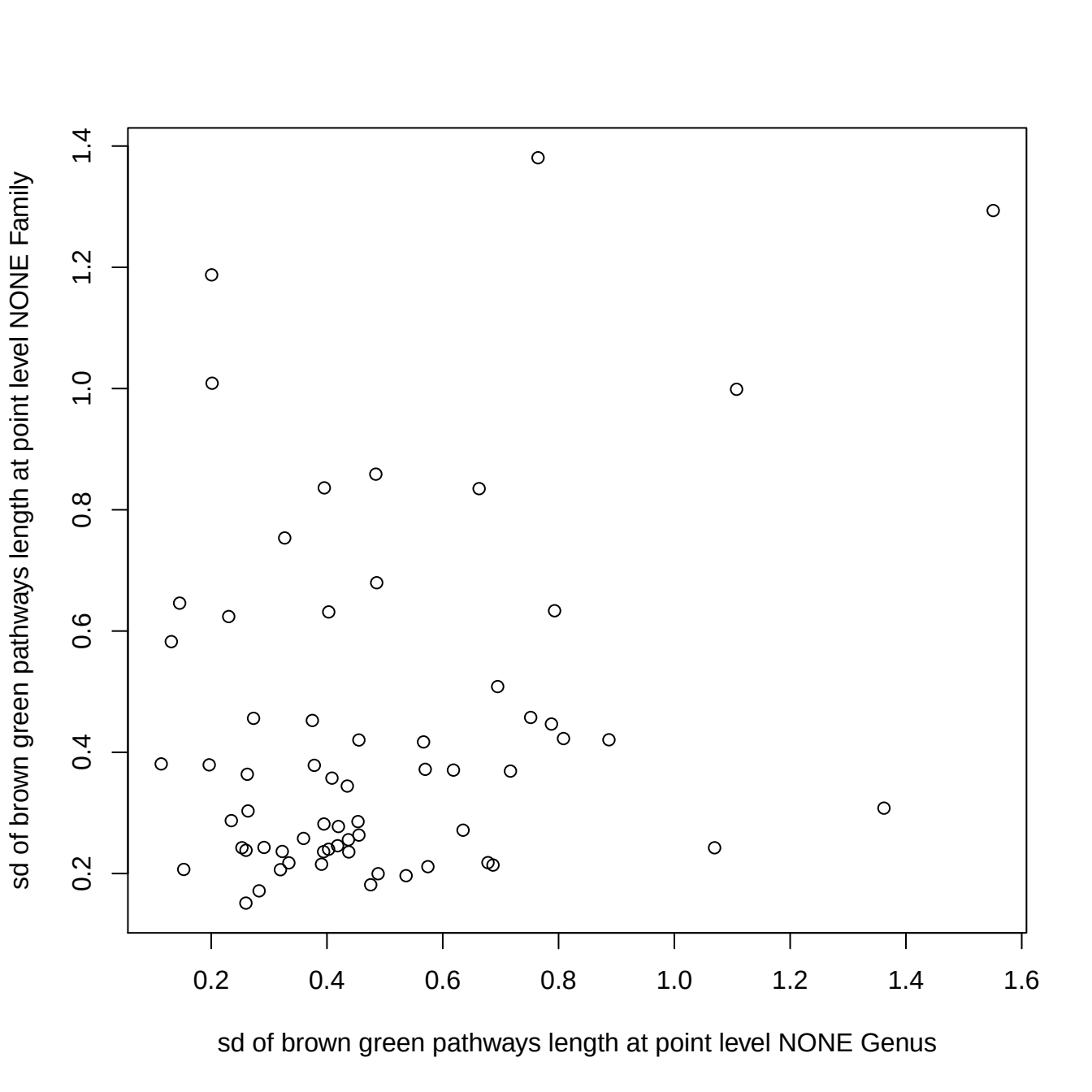

sd of brown green pathways length at point level SBM Genus
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.05
0.10
0.15
0.20
0.25
sd of brown green pathways length at point level SBM Species

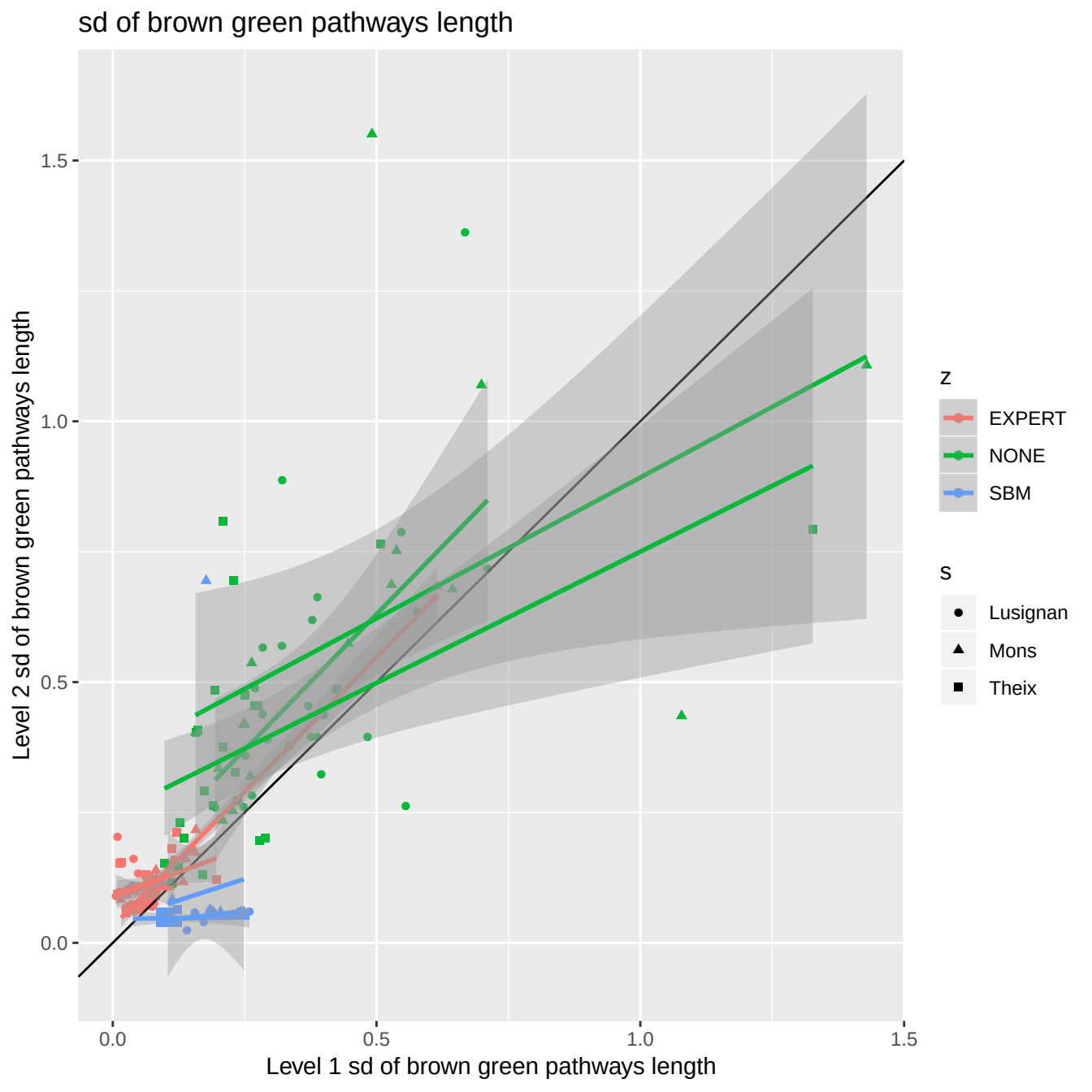

sd of brown green pathways length at point level SBM Family
sd of brown green pathways length at point level SBM Genus
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
1
2
3
4

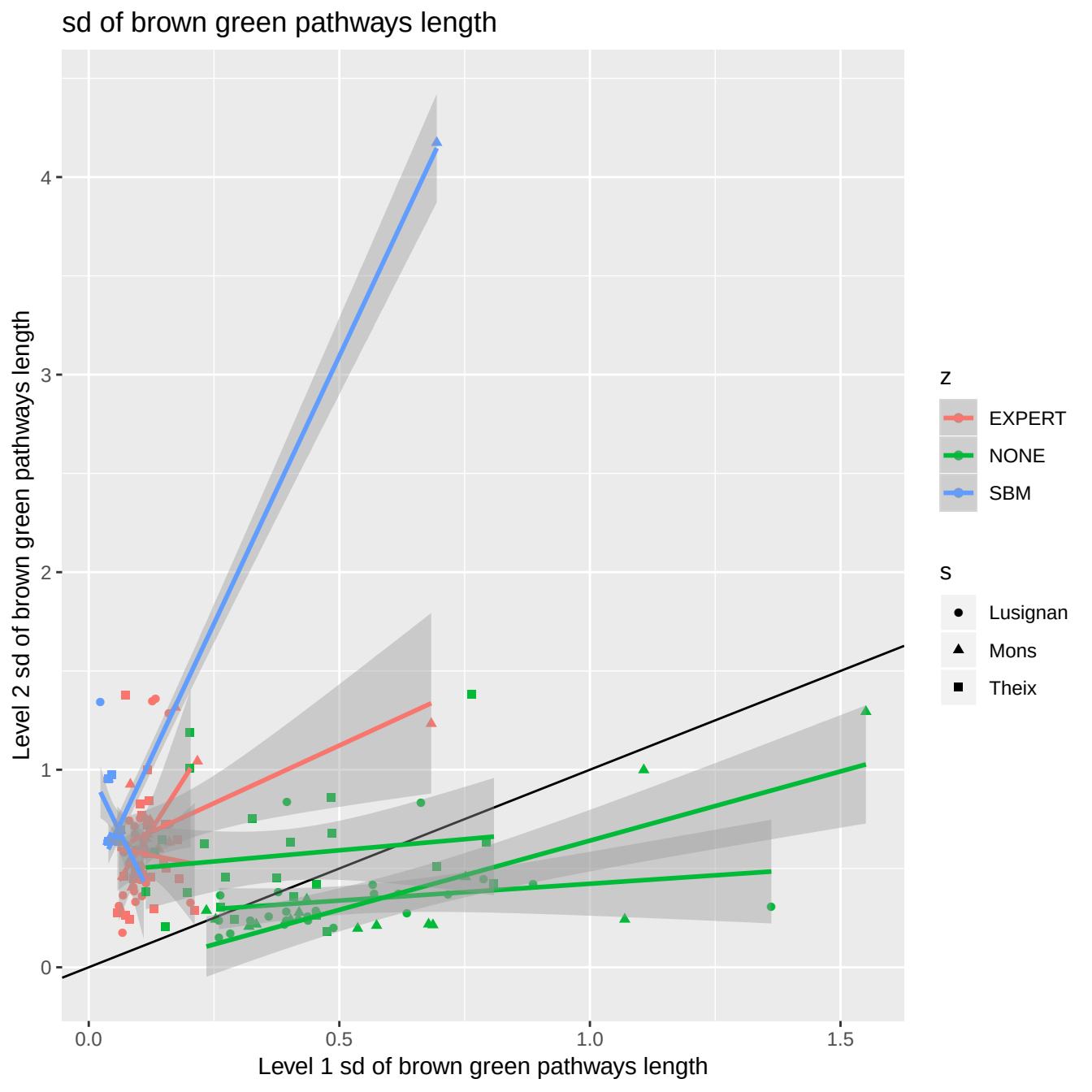

sd of brown green pathways length at point level EXPERT Genus
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.0
0.1
0.2
0.3
0.4
0.5
0.6
sd of brown green pathways length at point level EXPERT Species

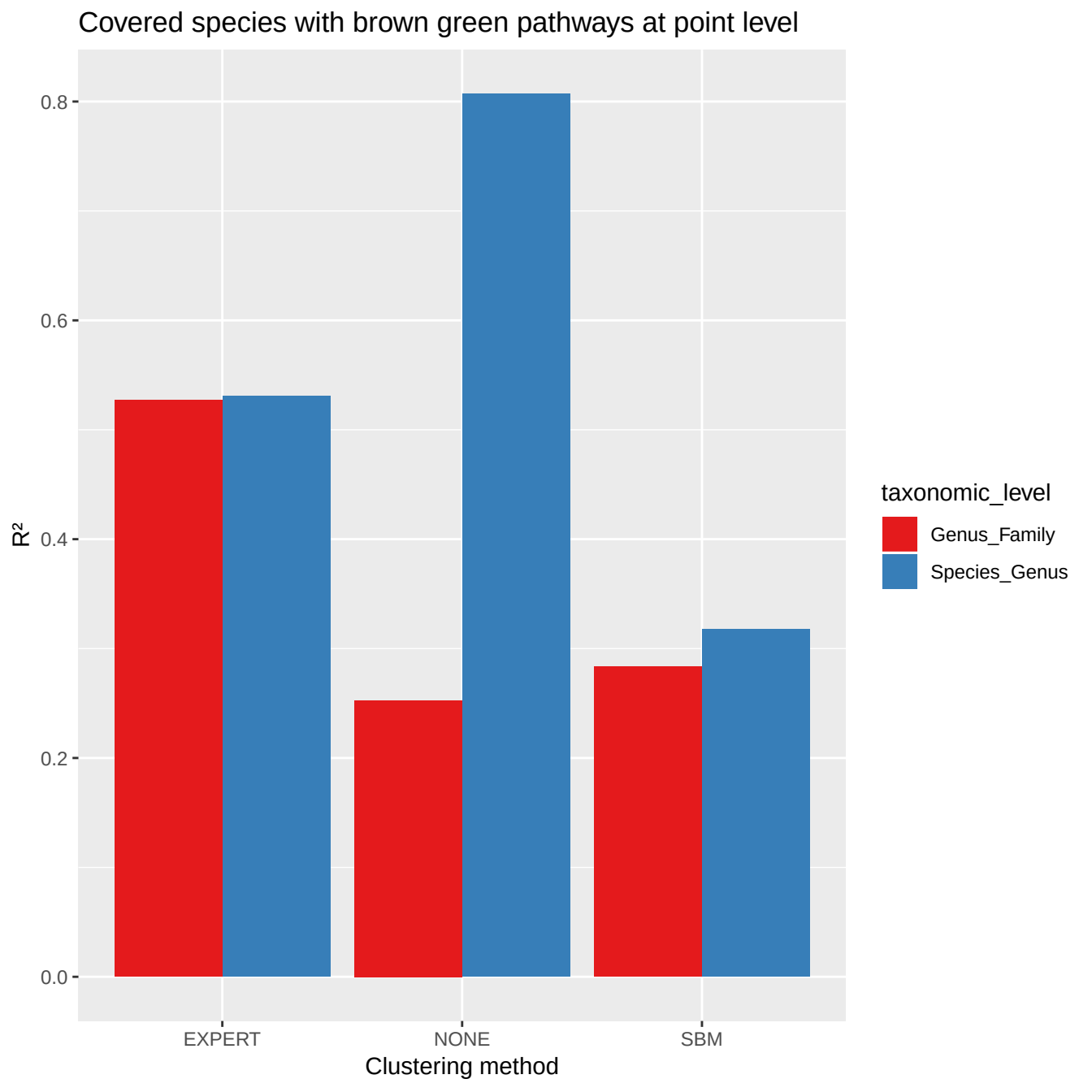

sd of brown green pathways length at point level EXPERT Family
sd of brown green pathways length at point level EXPERT Genus
0.2
0.4
0.6
0.8
1.0
1.2
1.4
0.1
0.2
0.3
0.4
0.5
0.6
0.7

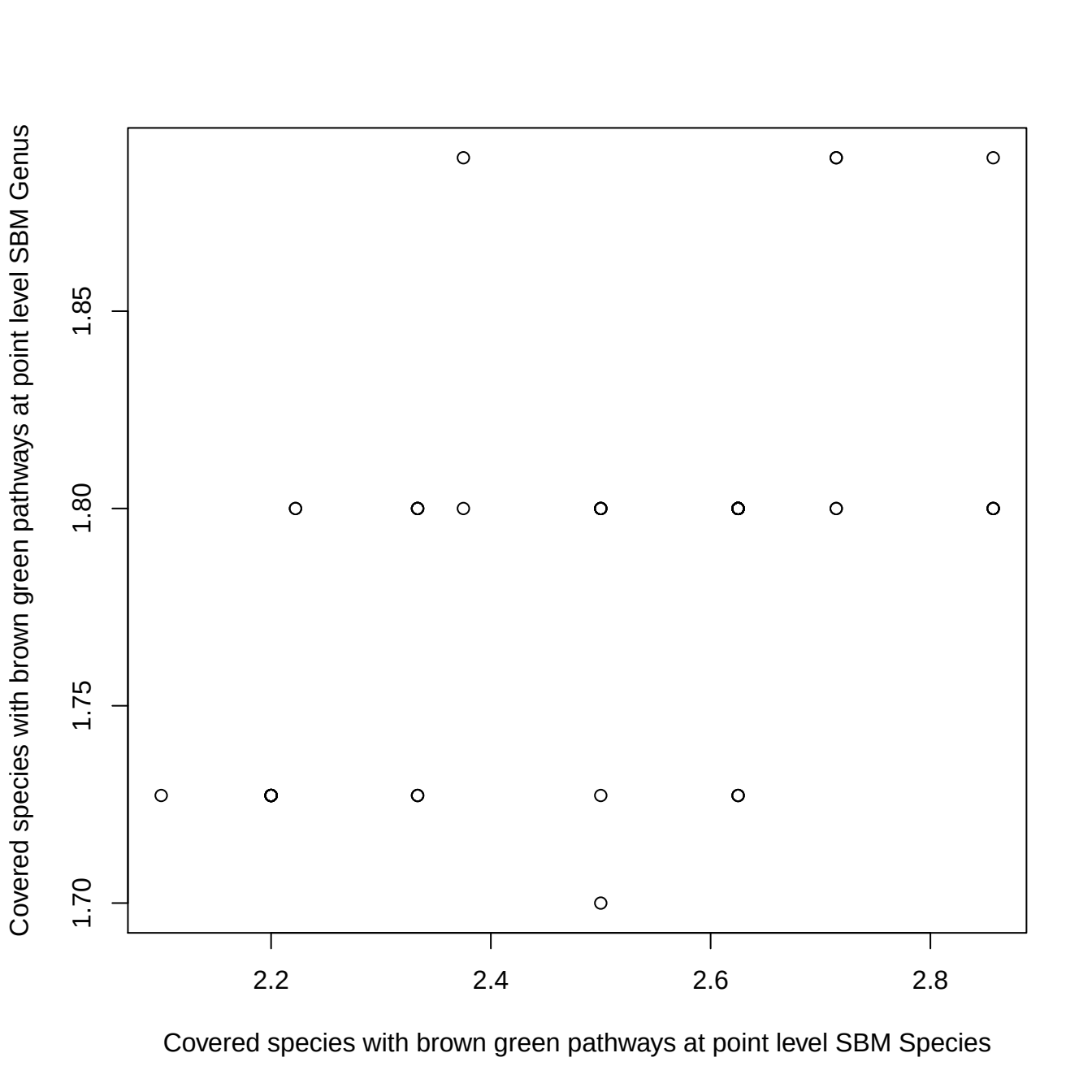

sd of brown green pathways length at point level NONE Genus
sd of brown green pathways length at point level NONE Species
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6

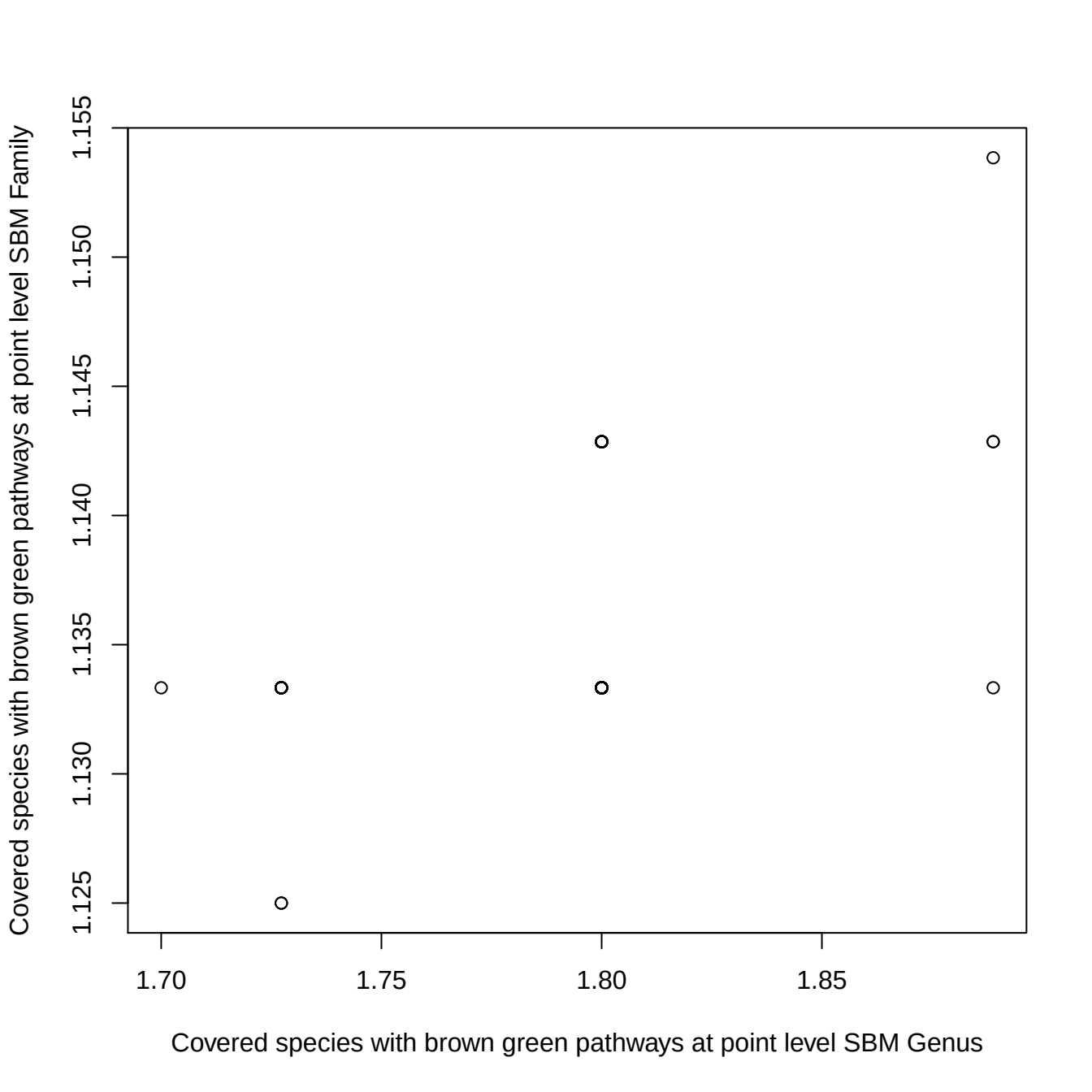

sd of brown green pathways length at point level NONE Family
sd of brown green pathways length at point level NONE Genus
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6

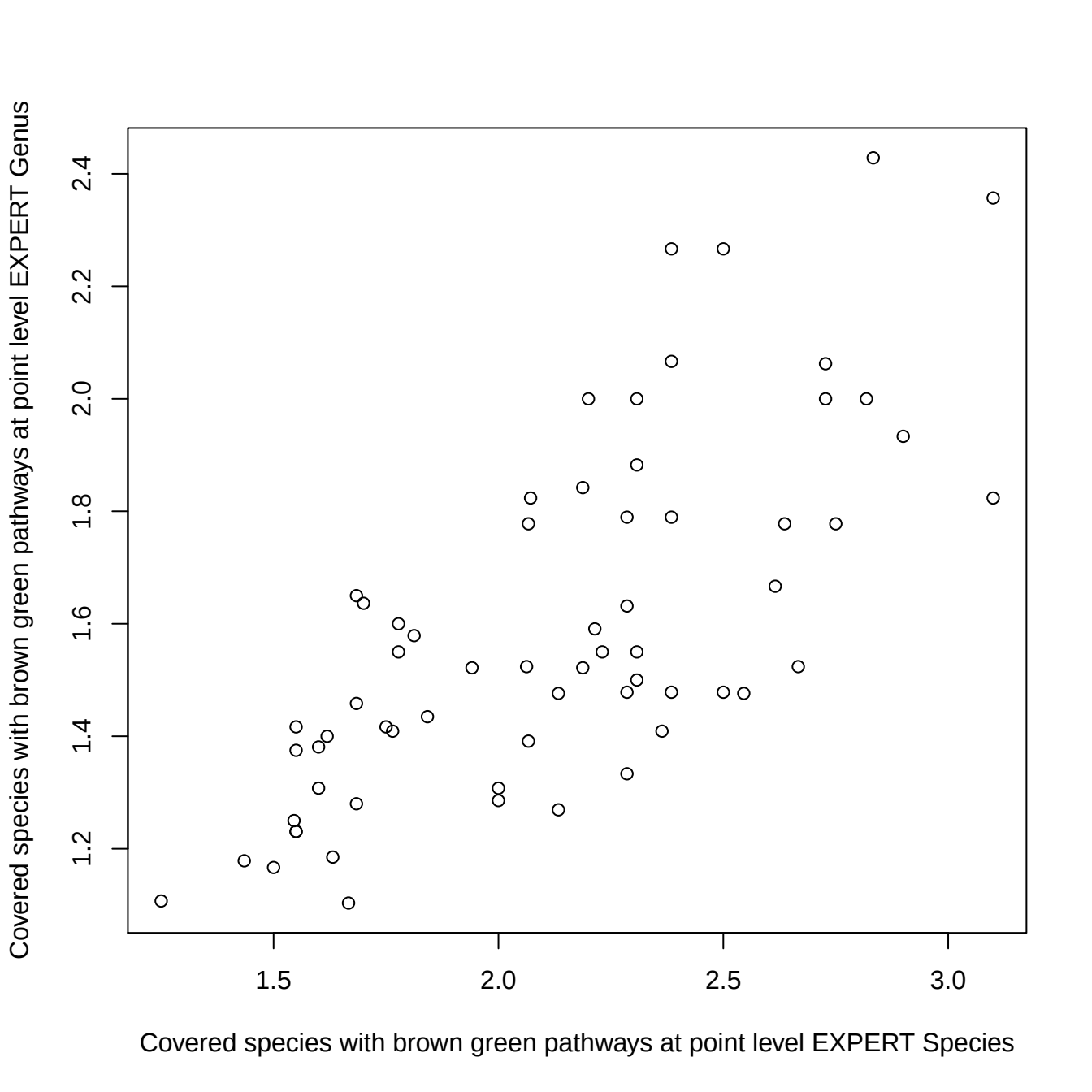

sd of brown green pathways length
Level 2 sd of brown green pathways length
Level 1 sd of brown green pathways length
0.0
0.5
1.0
1.5
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

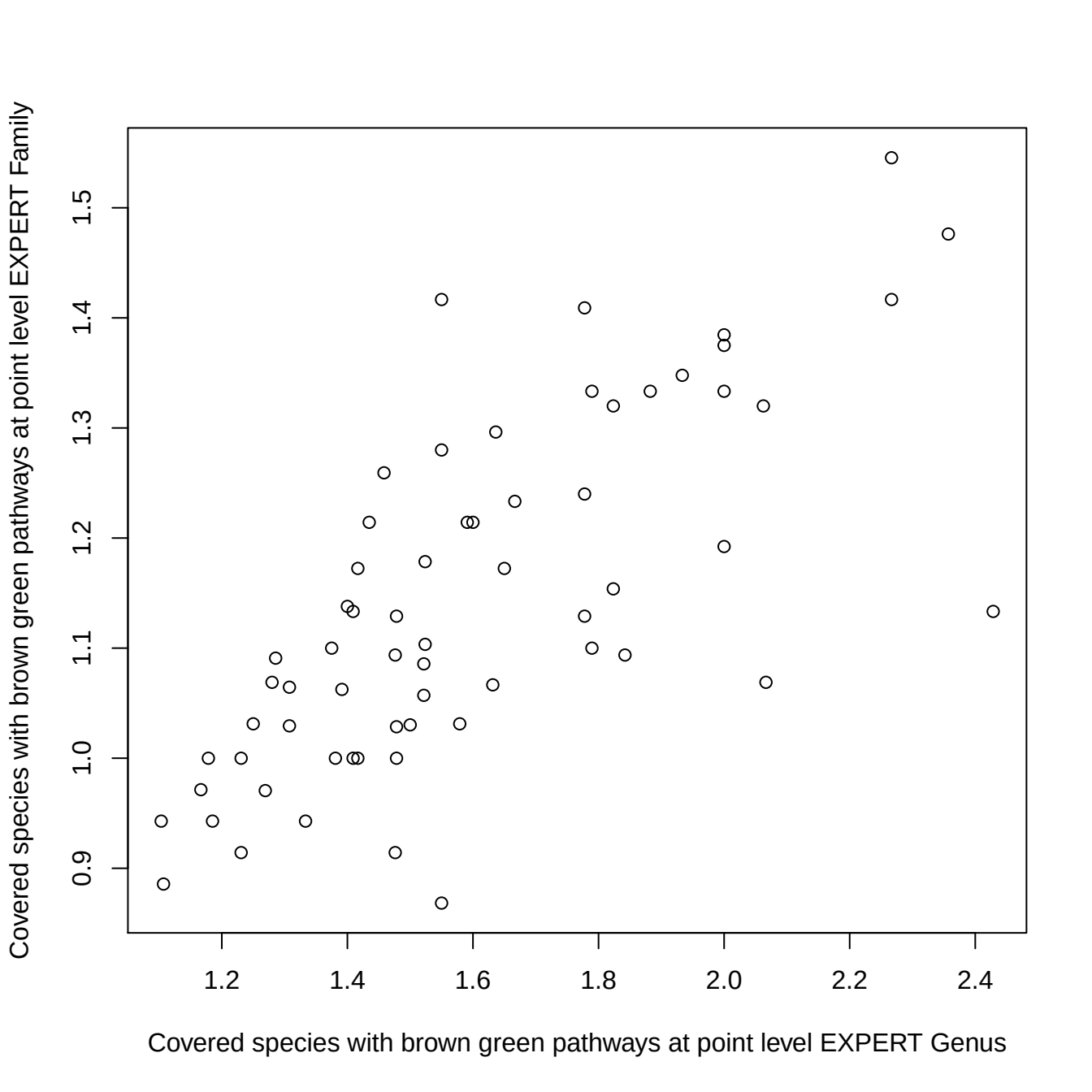

sd of brown green pathways length
Level 2 sd of brown green pathways length
Level 1 sd of brown green pathways length
0
1
2
3
4
0.0
0.5
1.0
1.5
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix

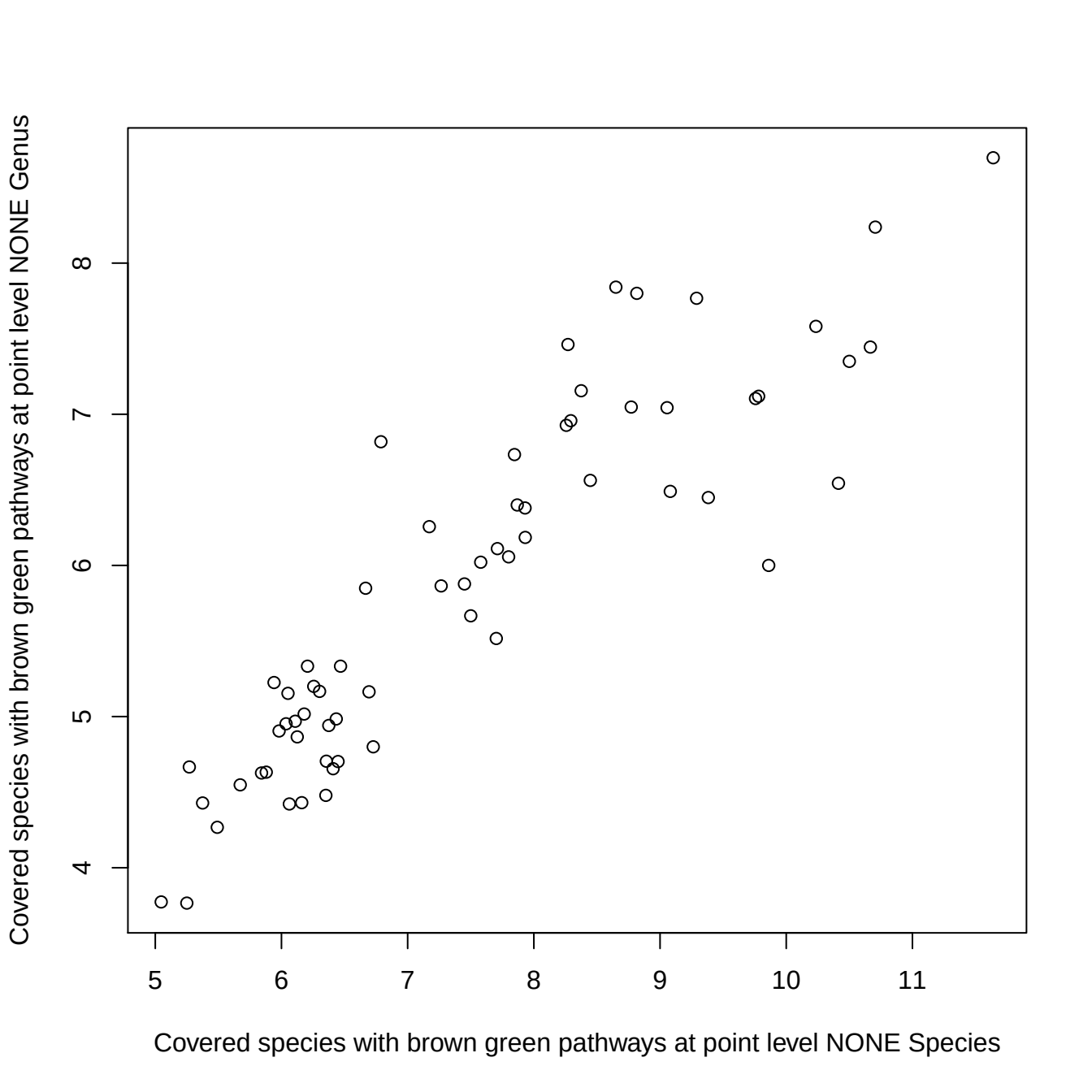

Covered species with brown green pathways at point level
0.8
0.6
0.4
0.2
0.0
R²
EXPERT
NONE
SBM
Clustering method
taxonomic_level
Genus_Family
Species_Genus

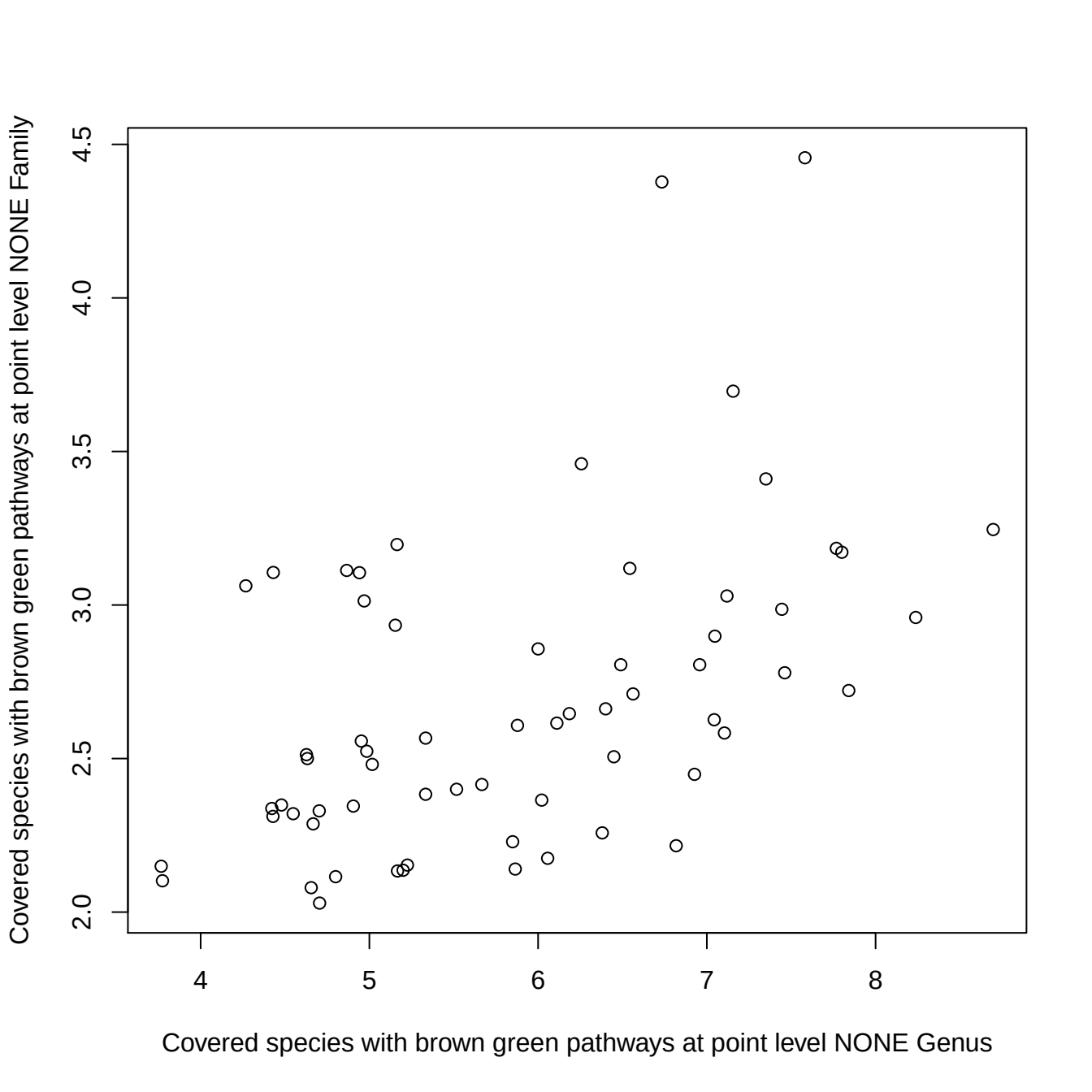

Covered species with brown green pathways at point level SBM Genus
1.70
1.75
1.80
1.85
2.2
2.4
2.6
2.8
Covered species with brown green pathways at point level SBM Species

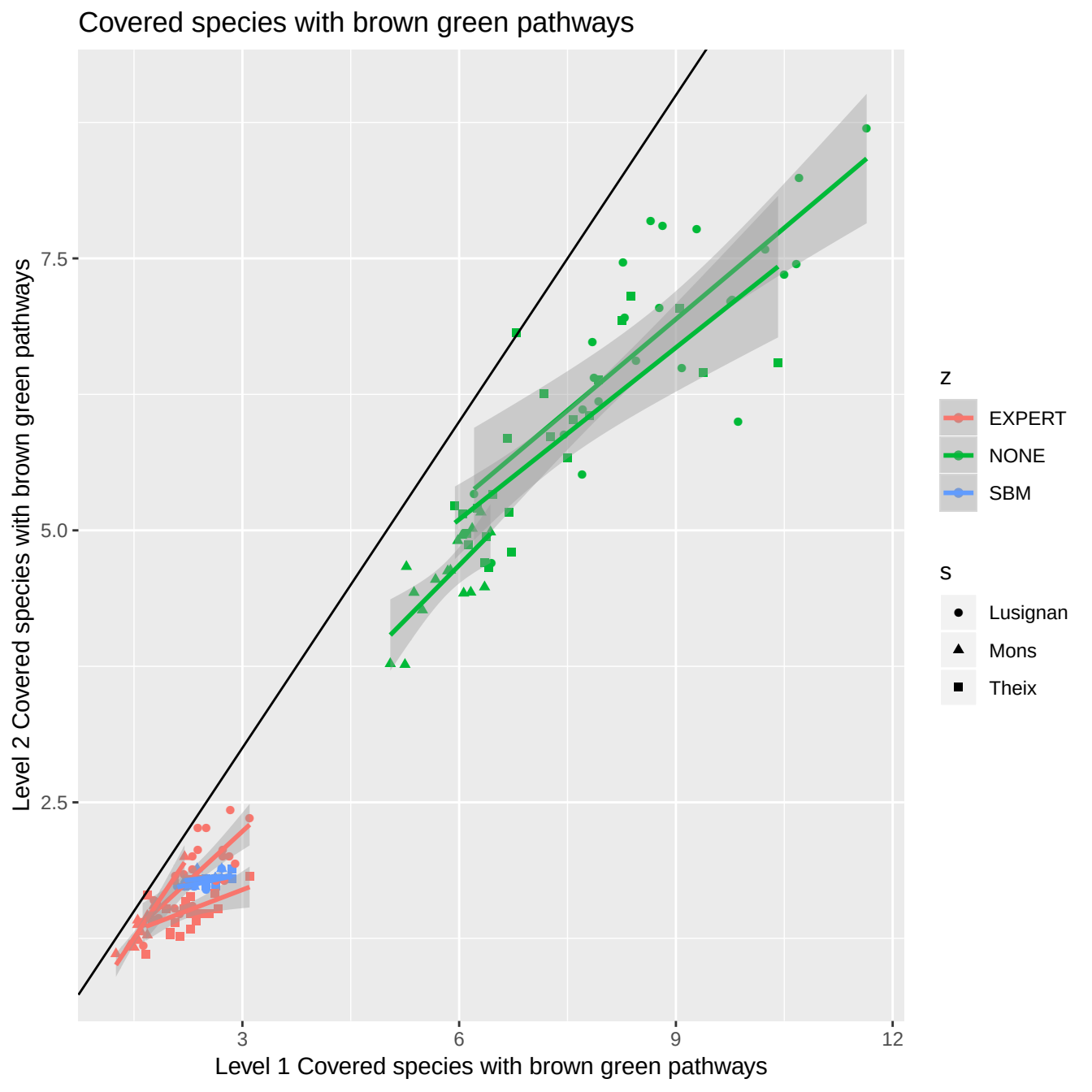

Covered species with brown green pathways at point level SBM Family
1.125
1.130
1.135
1.140
1.145
1.150
1.155
1.70
1.75
1.80
1.85
Covered species with brown green pathways at point level SBM Genus

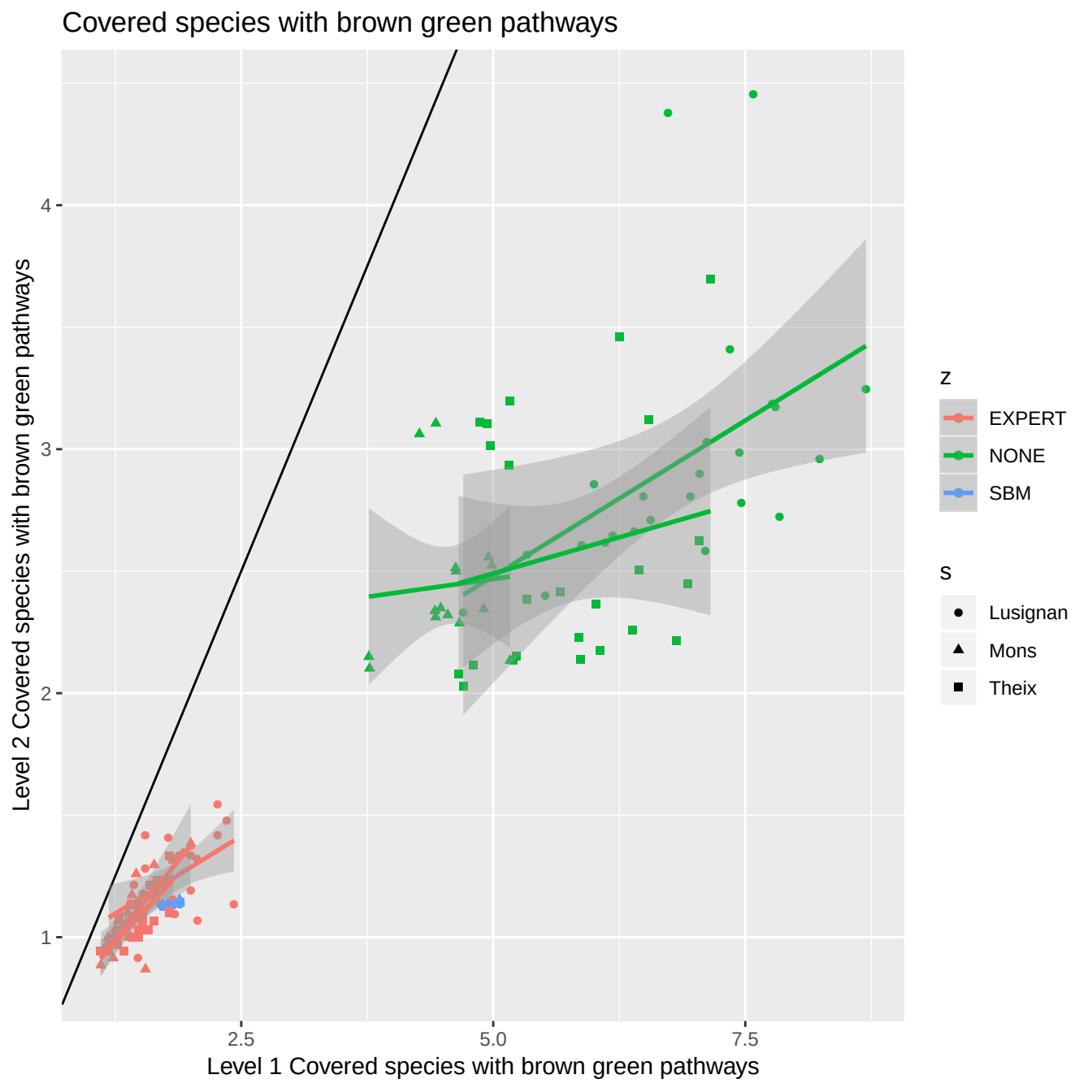

Covered species with brown green pathways at point level EXPERT Genus
Covered species with brown green pathways at point level EXPERT Species
1.2
1.4
1.6
1.8
2.0
2.2
2.4
1.5
2.0
2.5
3.0


Covered species with brown green pathways at point level EXPERT Family
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.2
1.4
1.6
1.8
2.0
2.2
2.4
Covered species with brown green pathways at point level EXPERT Genus


Covered species with brown green pathways at point level NONE Genus
4
5
6
7
8
5
6
7
8
9
10
11
Covered species with brown green pathways at point level NONE Species


Covered species with brown green pathways at point level NONE Family
2.0
2.5
3.0
3.5
4.0
4.5
4
5
6
7
8
Covered species with brown green pathways at point level NONE Genus


Covered species with brown green pathways
Level 2 Covered species with brown green pathways
7.5
5.0
2.5
3
6
9
12
Level 1 Covered species with brown green pathways
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix


Covered species with brown green pathways
Level 2 Covered species with brown green pathways
Level 1 Covered species with brown green pathways
4
3
2
1
2.5
5.0
7.5
Z
EXPERT
NONE
SBM
S
Lusignan
Mons
Theix