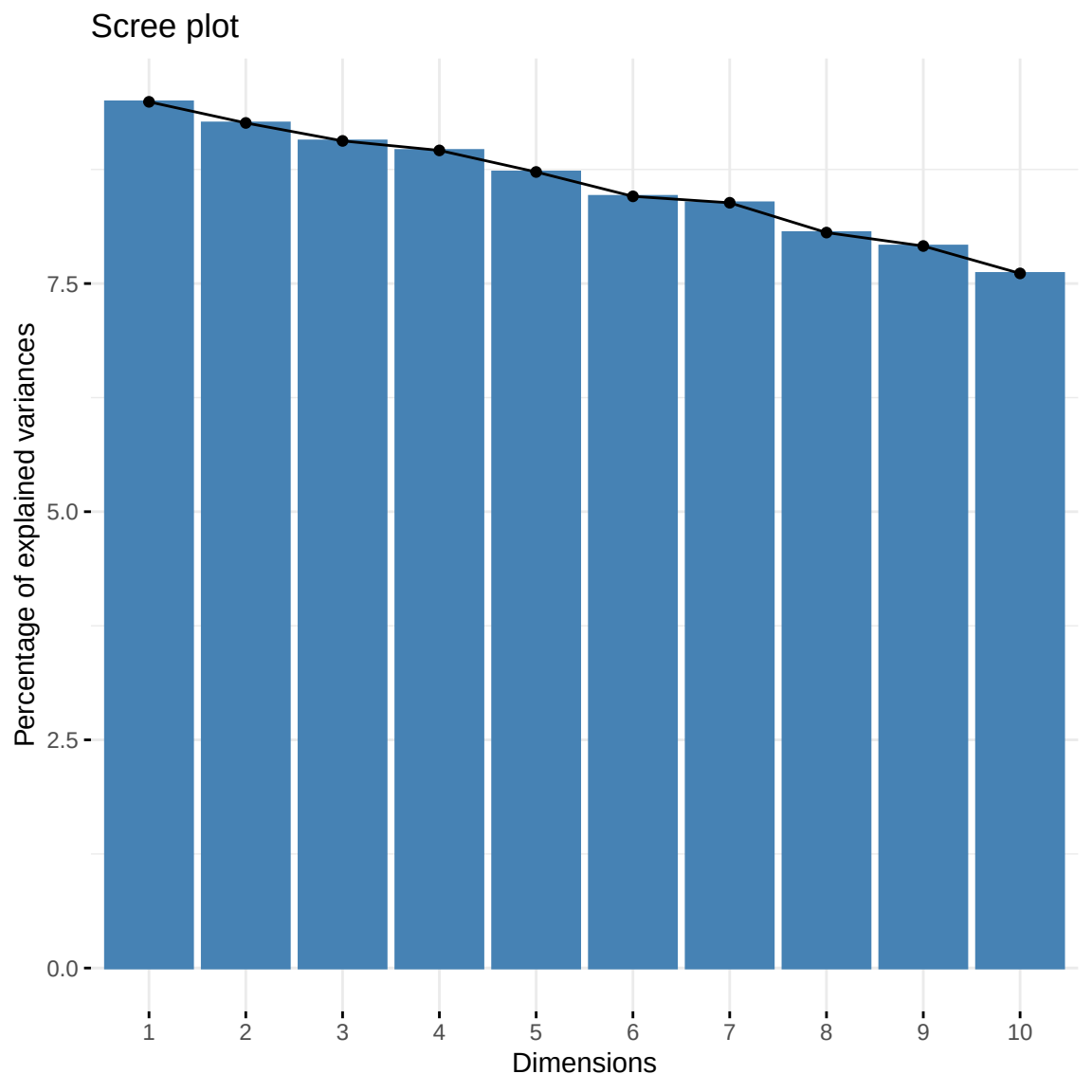
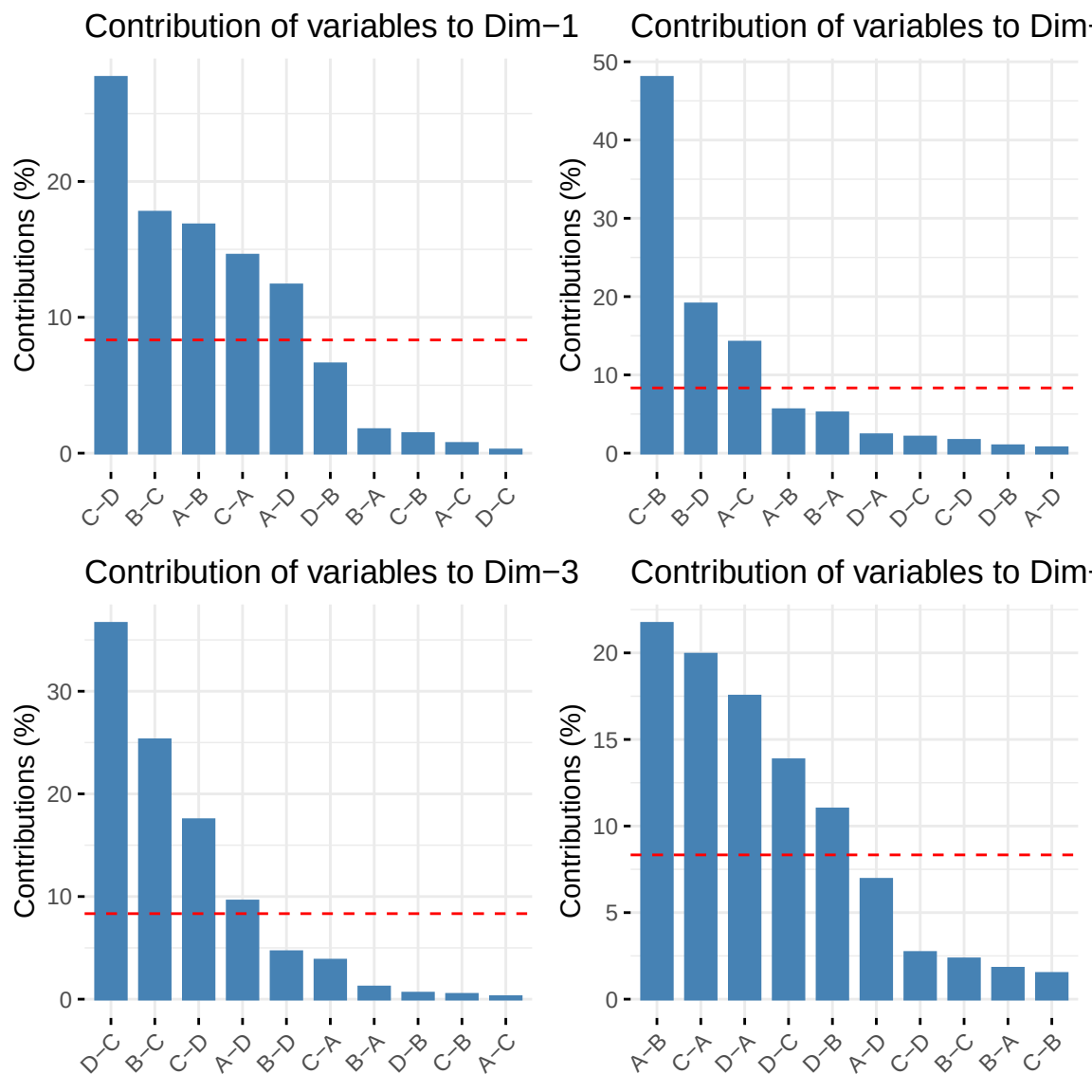
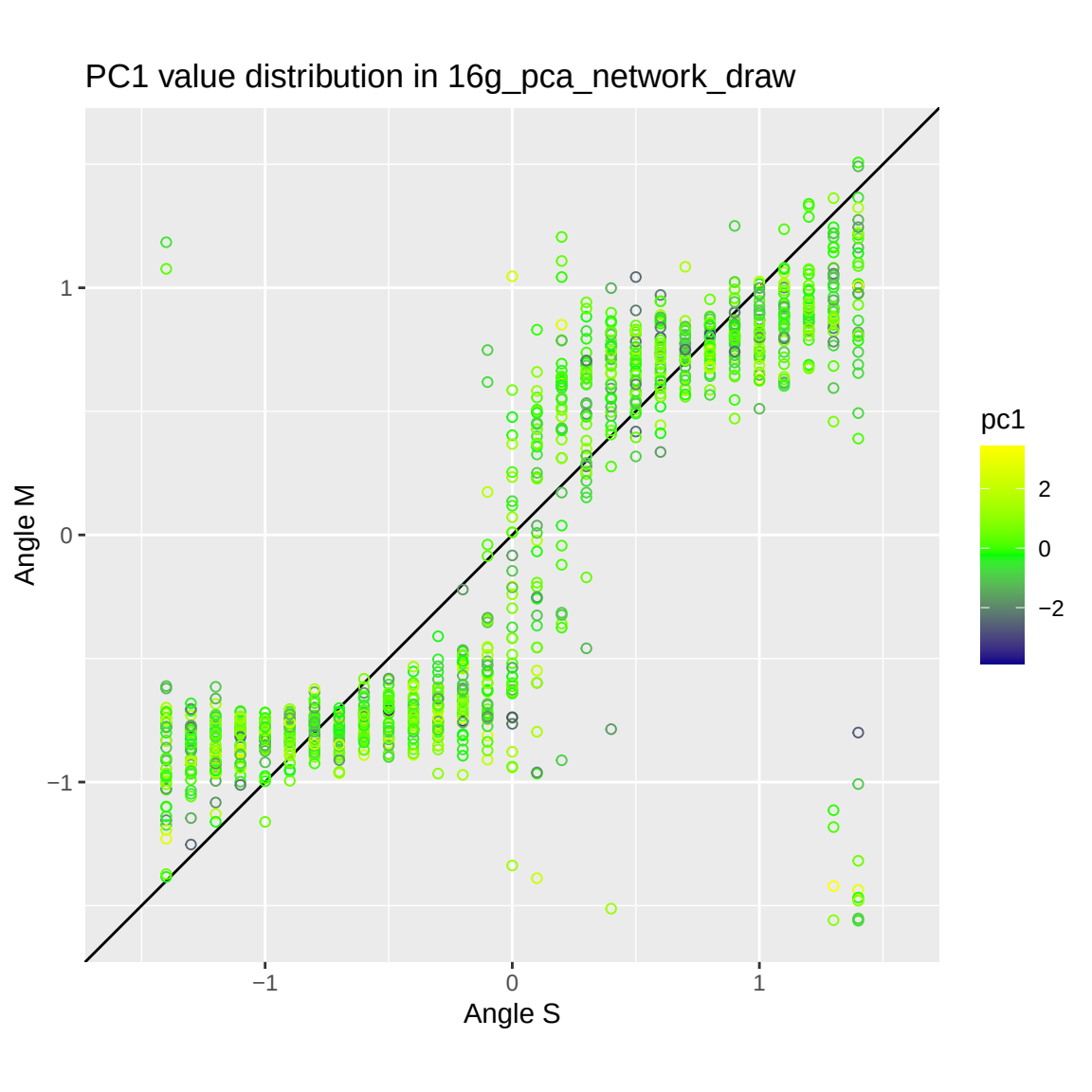
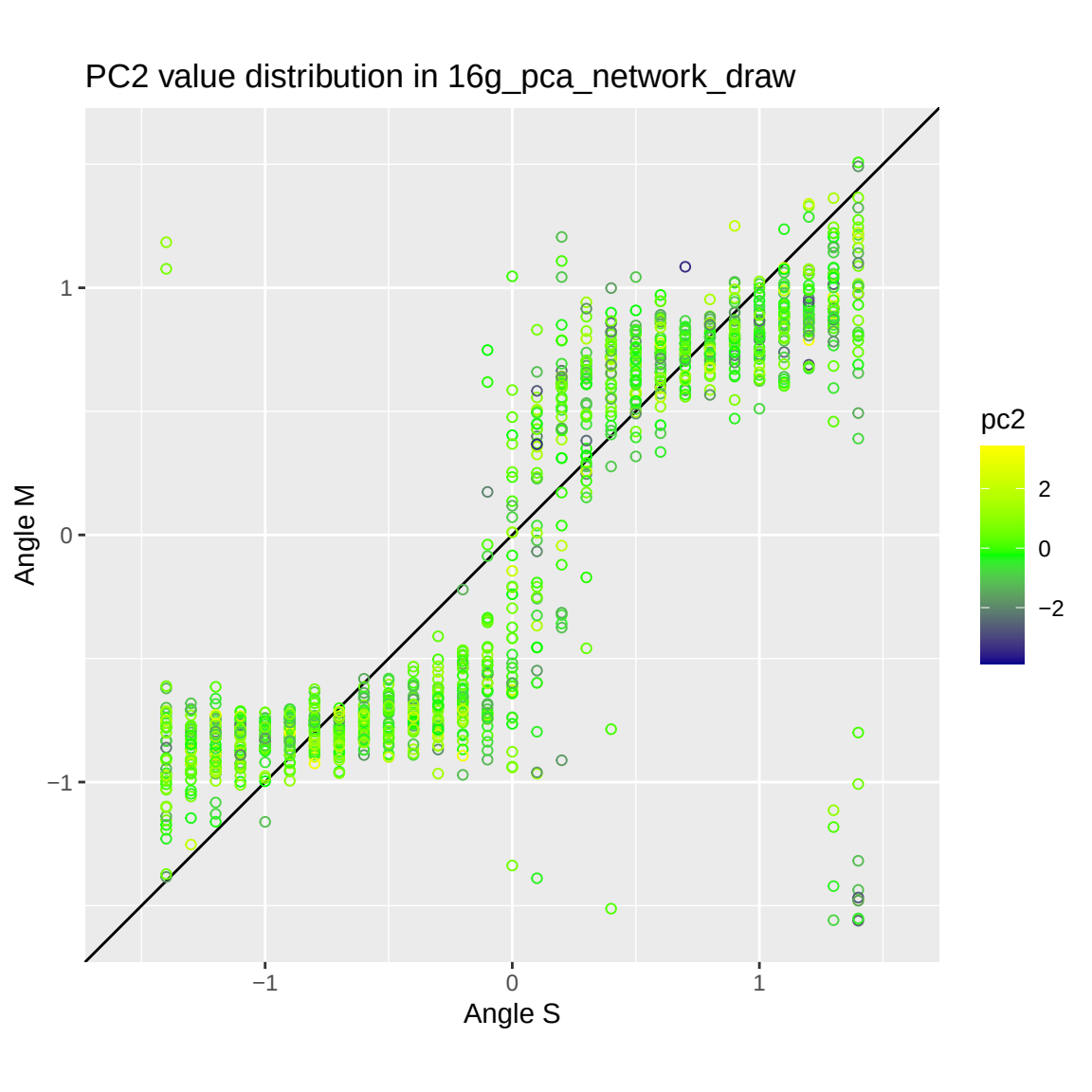

Scree plot
Percentage of explained variances
0.0
2.5
5.0
7.5
1
2
3
4
5
6
7
8
9
10
Dimensions

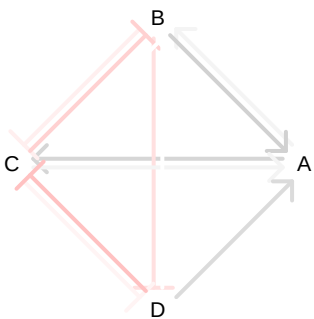

Contribution of variables to Dim−1
Contributions (%)
0
10
20
C−D
B−C
A−B
C−A
A−D
D−B
B−A
C−B
A−C
D−C
Contribution of variables to Dim
Contributions (%)
0
10
20
30
40
50
C−B
B−D
A−C
A−B
B−A
D−A
D−C
C−D
D−B
A−D
Contribution of variables to Dim−3
Contributions (%)
0
10
20
30
D−C
B−C
C−D
A−D
B−D
C−A
B−A
D−B
C−B
A−C
Contribution of variables to Dim
Contributions (%)
0
5
10
15
20
A−B
C−A
D−A
D−C
D−B
A−D
C−D
B−C
B−A
C−B

Individuals − PCA
2.5
0.0
−2.5
Dim2 (9.3%)
−4
−2
0
2
Dim1 (9.5%)
M angle
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5

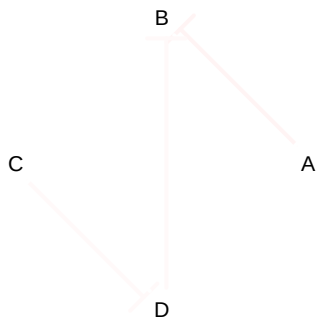

PC1 value distribution in 16g_pca_network_draw
Angle M
Angle S
1
0
−1
−1
0
1
pc1
2
0
−2


PC2 value distribution in 16g_pca_network_draw
Angle M
Angle S
1
0
−1
−1
0
1
pc2
2
0
−2

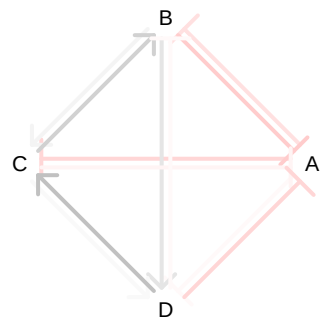
PC1 = −5

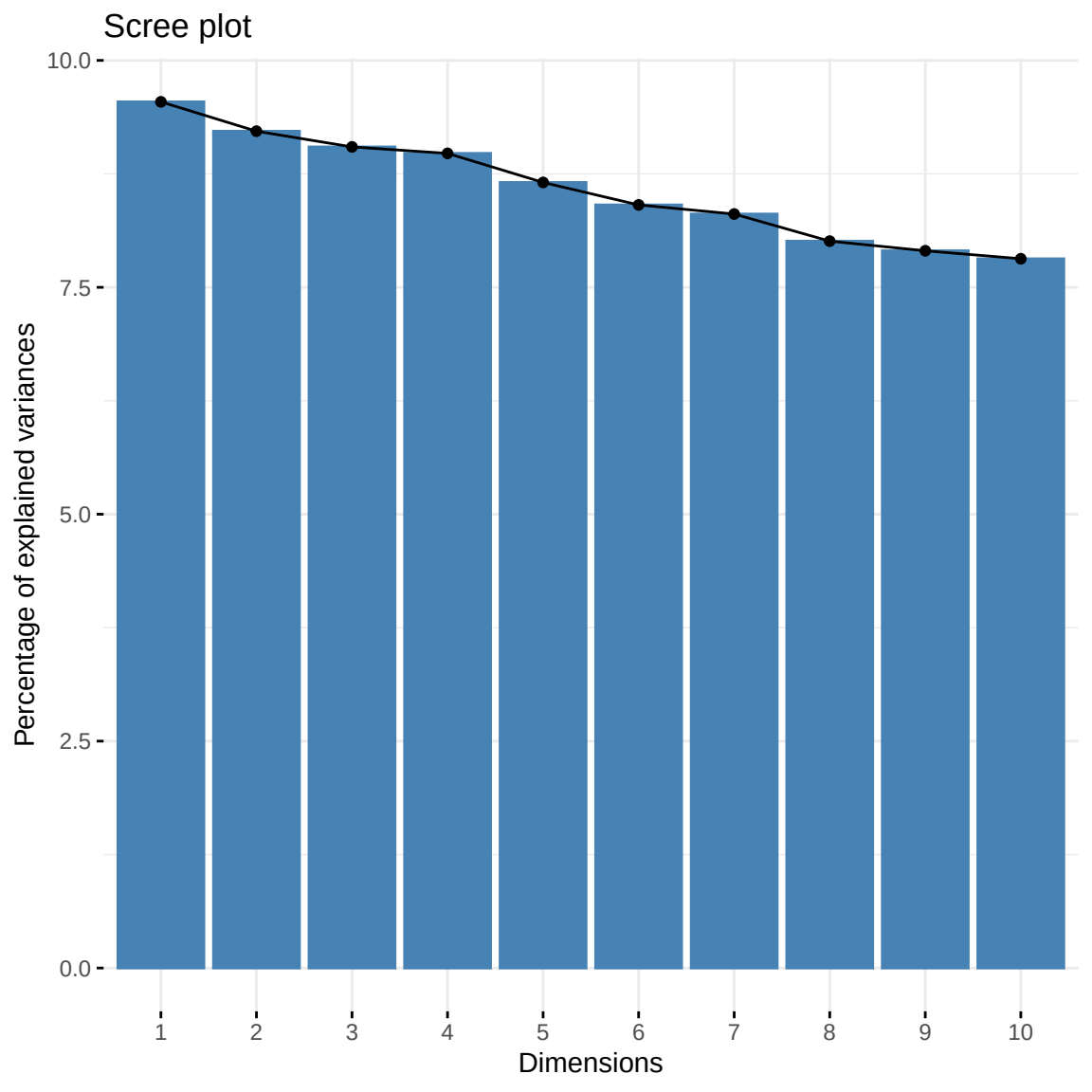


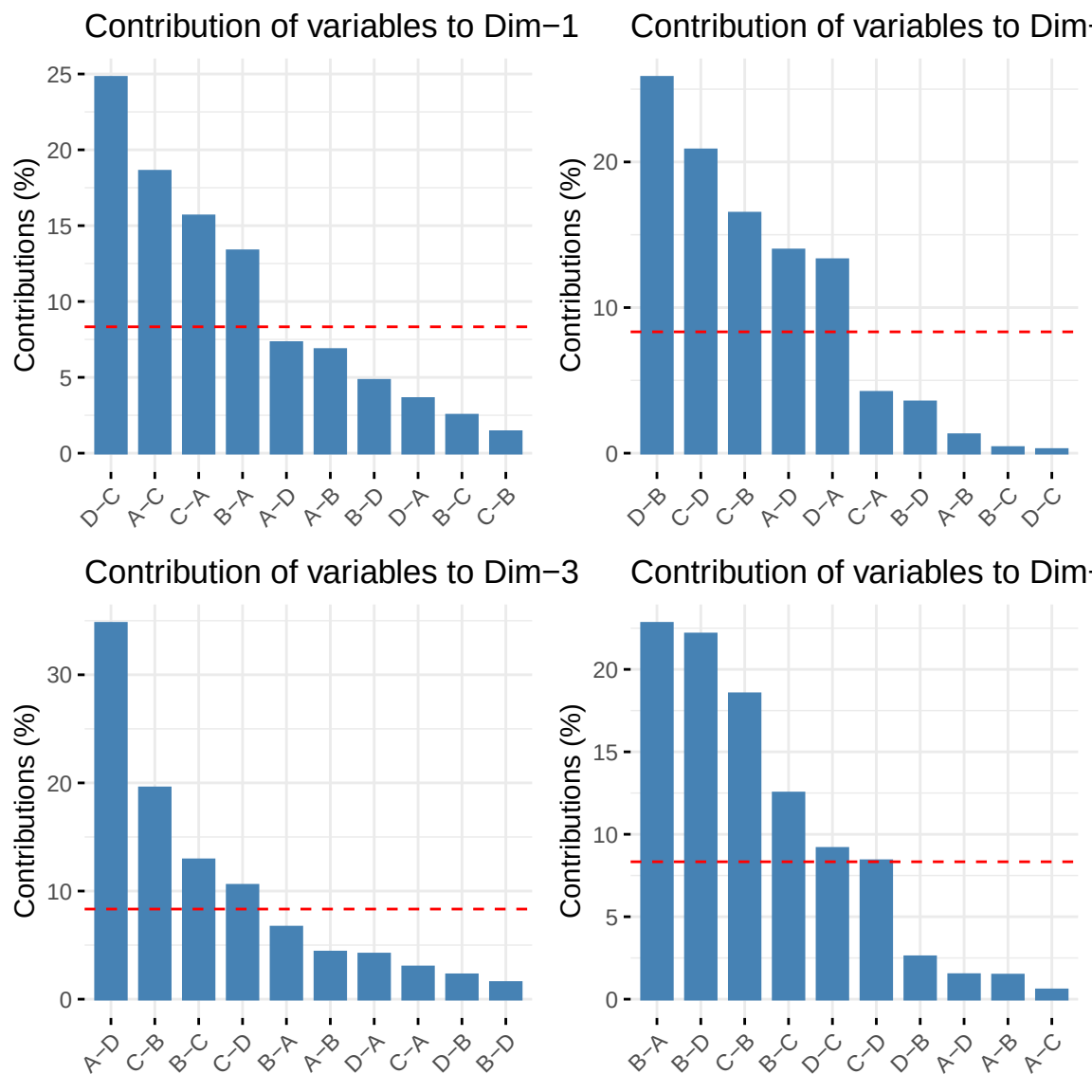
PC1 = 0

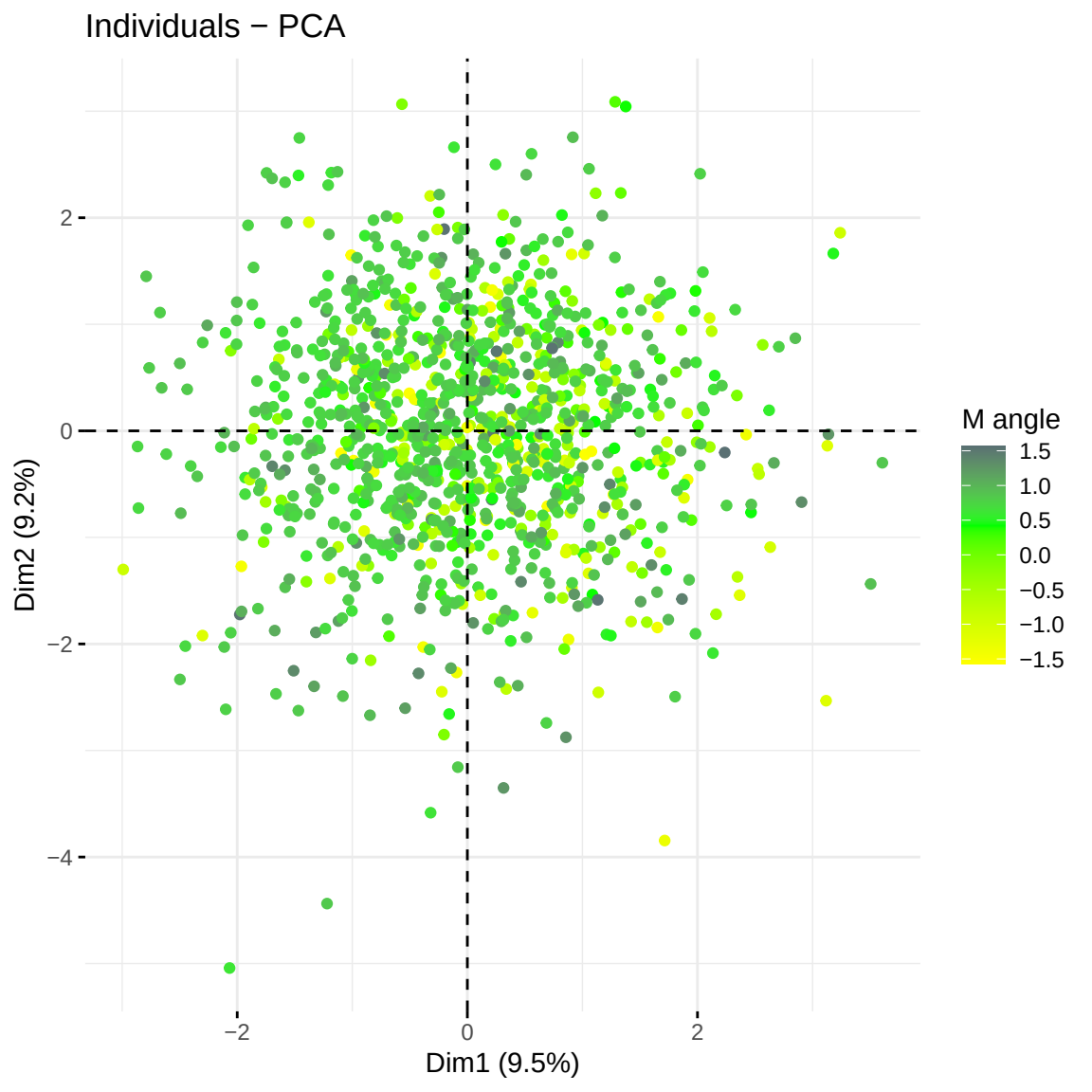


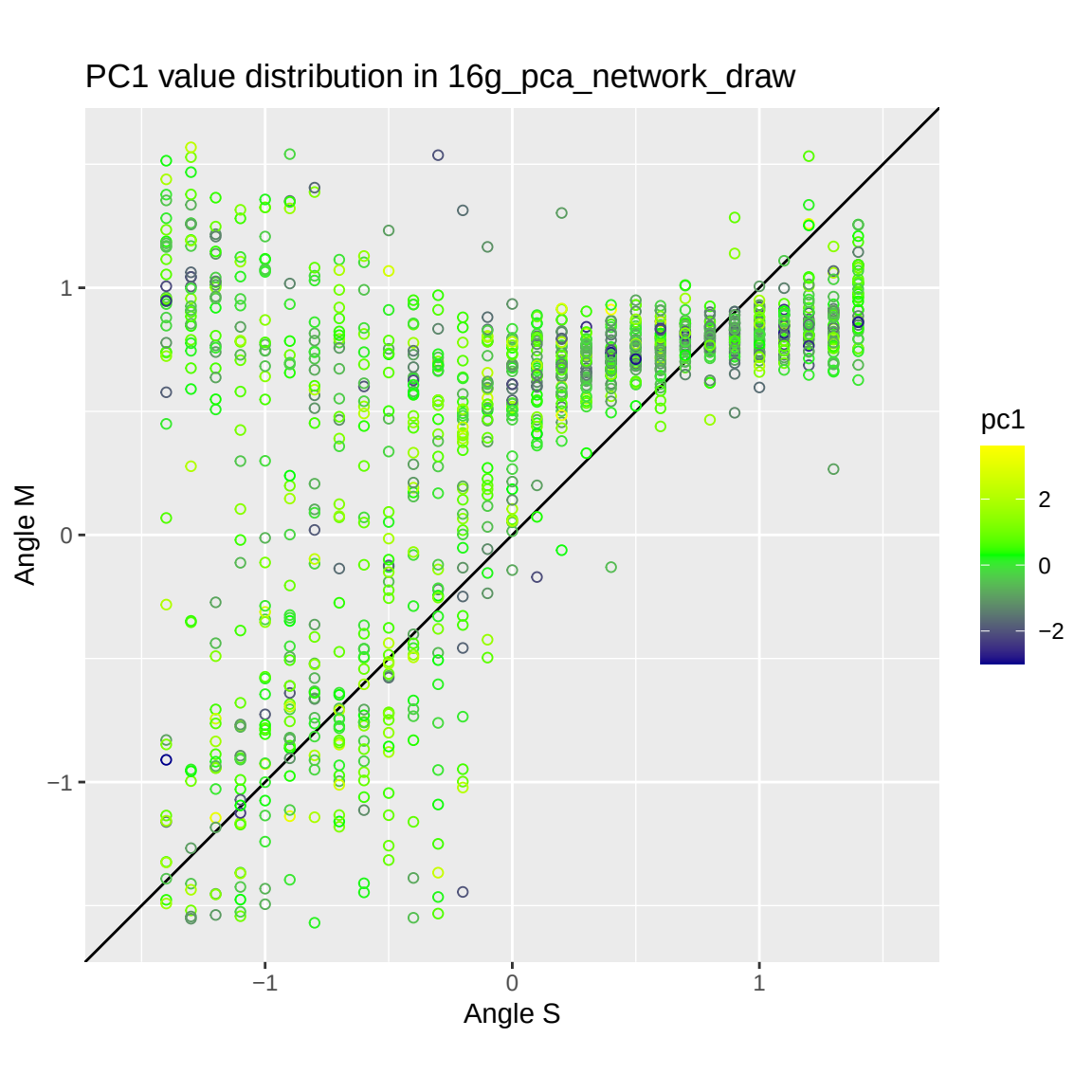
PC1 = 5

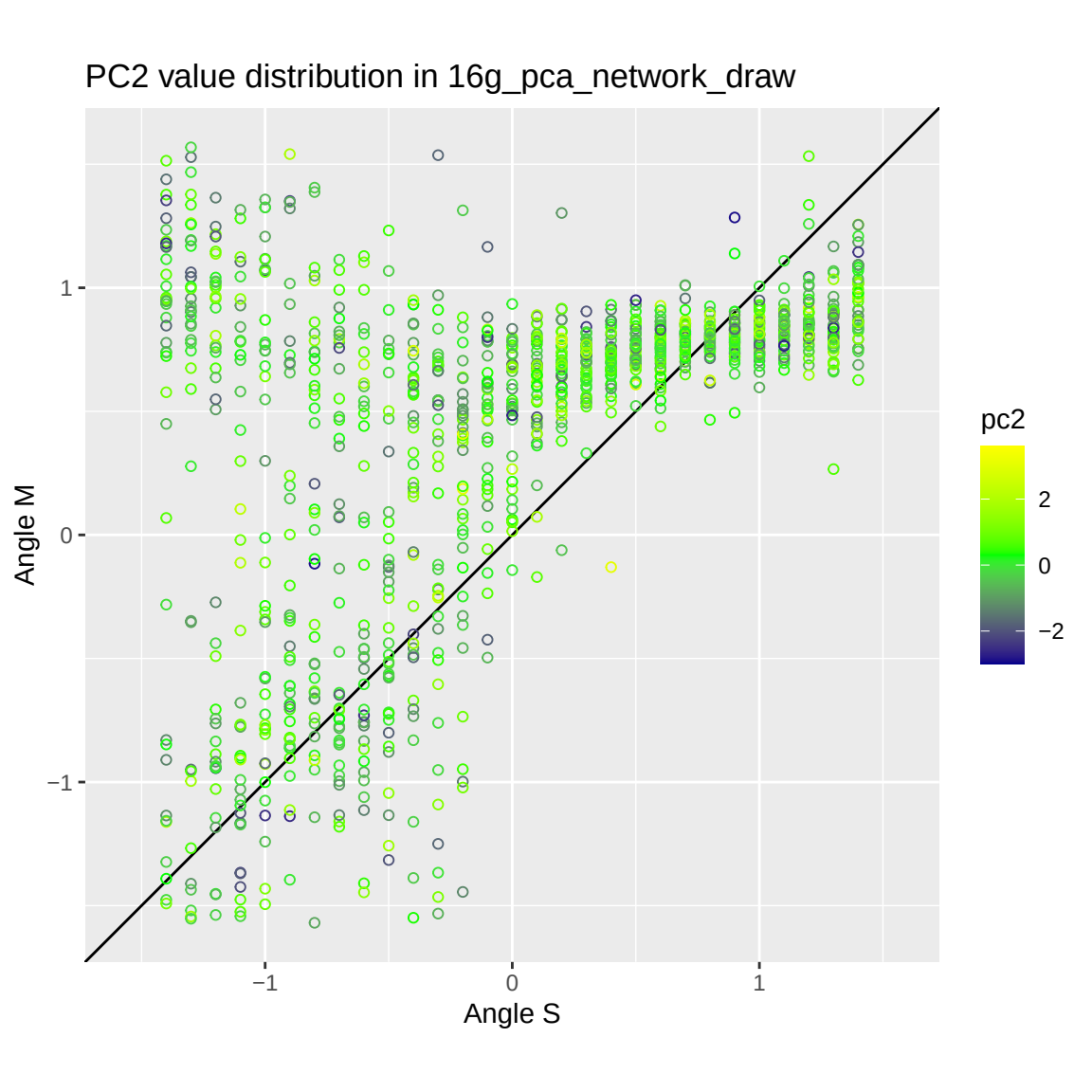



Scree plot
10.0
7.5
5.0
2.5
0.0
Percentage of explained variances
1
2
3
4
5
6
7
8
9
10
Dimensions

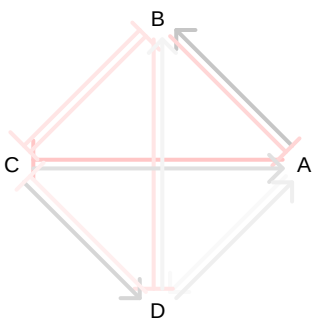

Contribution of variables to Dim−1
Contributions (%)
25
20
15
10
5
0
D−C
A−C
C−A
B−A
A−D
A−B
B−D
D−A
B−C
C−B
Contribution of variables to Dim
Contributions (%)
20
10
0
D−B
C−D
C−B
A−D
D−A
C−A
B−D
A−B
B−C
D−C
Contribution of variables to Dim−3
Contributions (%)
30
20
10
0
A−D
C−B
B−C
C−D
B−A
A−B
D−A
C−A
D−B
B−D
Contribution of variables to Dim
Contributions (%)
20
15
10
5
0
B−A
B−D
C−B
B−C
D−C
C−D
D−B
A−D
A−B
A−C


Individuals − PCA
Dim2 (9.2%)
Dim1 (9.5%)
2
0
−2
−4
−2
0
2
M angle
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5

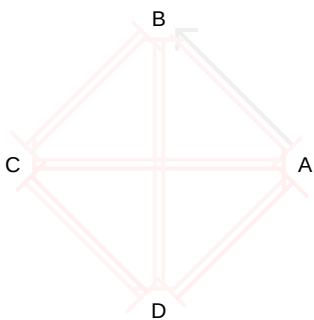

PC1 value distribution in 16g_pca_network_draw
Angle M
Angle S
1
0
−1
−1
0
1
pc1
2
0
−2


PC2 value distribution in 16g_pca_network_draw
Angle M
Angle S
1
0
−1
−1
0
1
pc2
2
0
−2

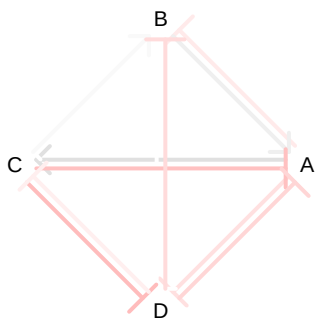
PC1 = −5

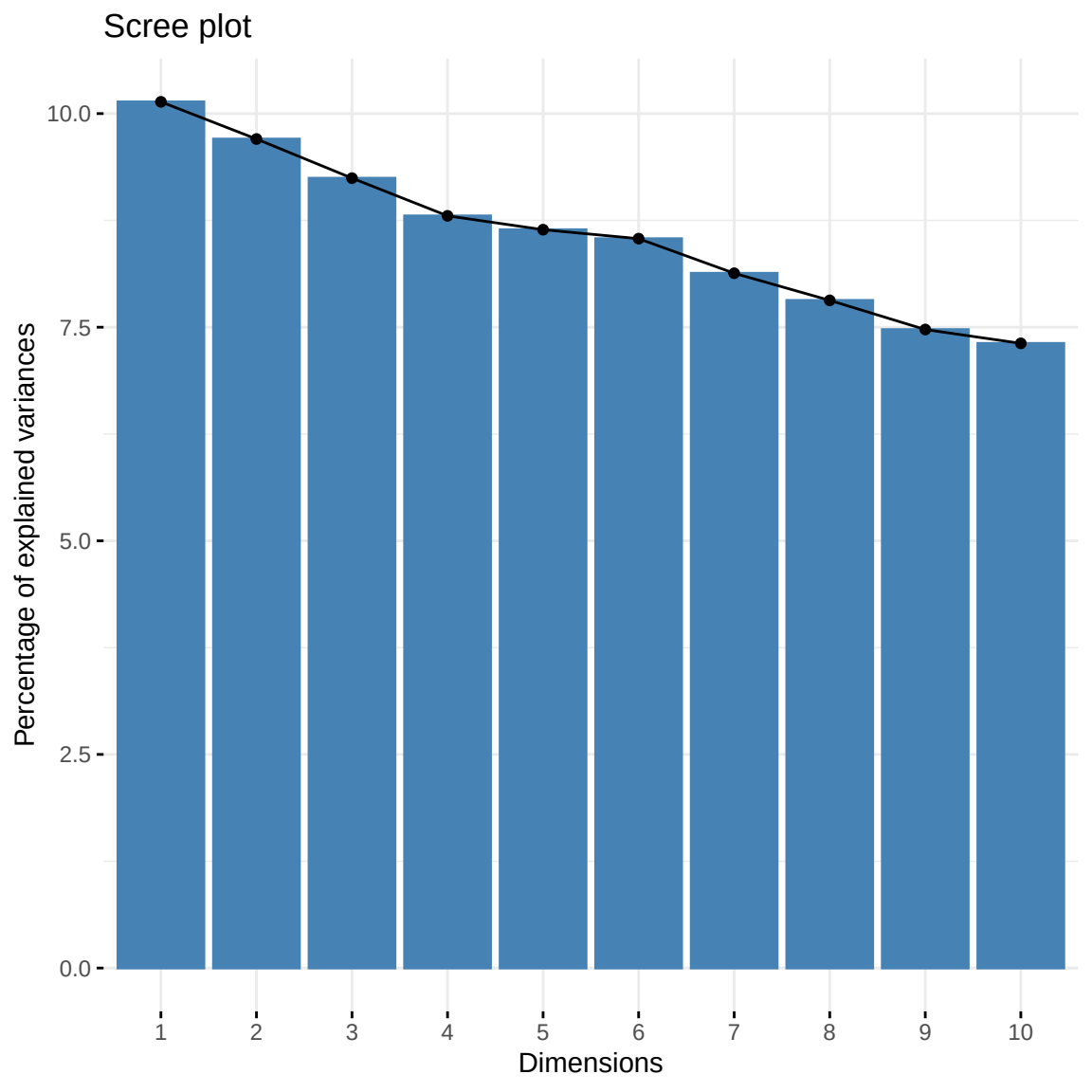


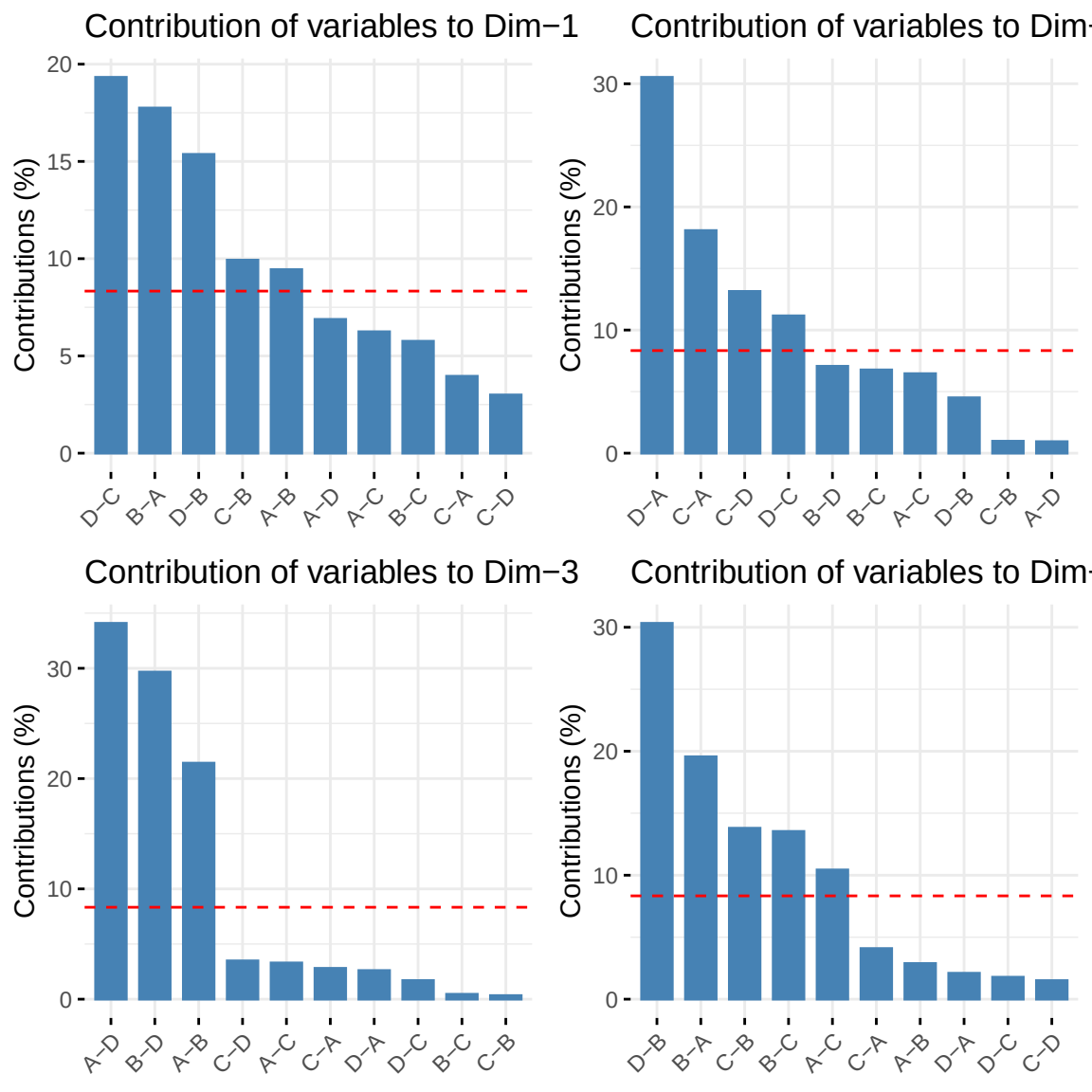
PC1 = 0

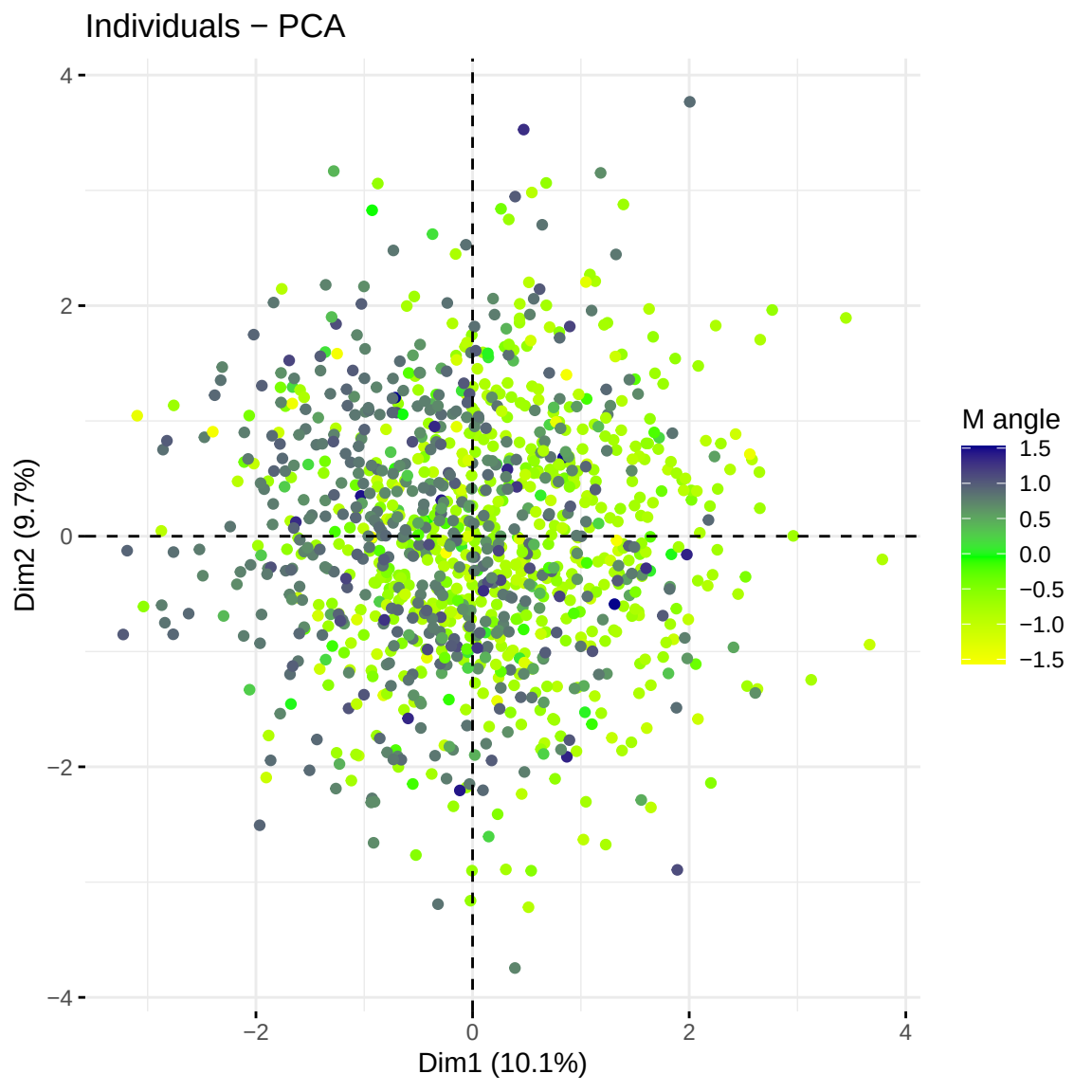


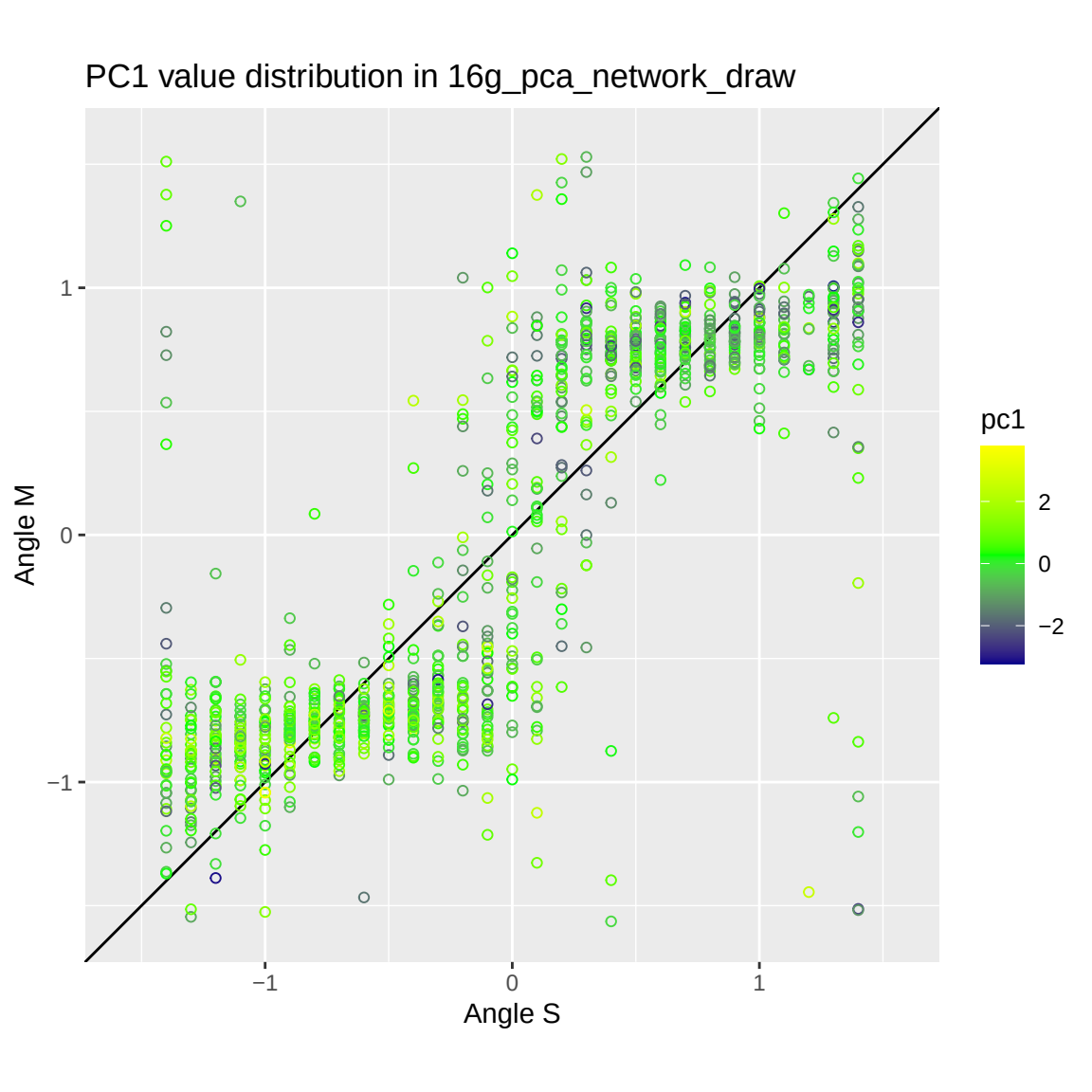
PC1 = 5

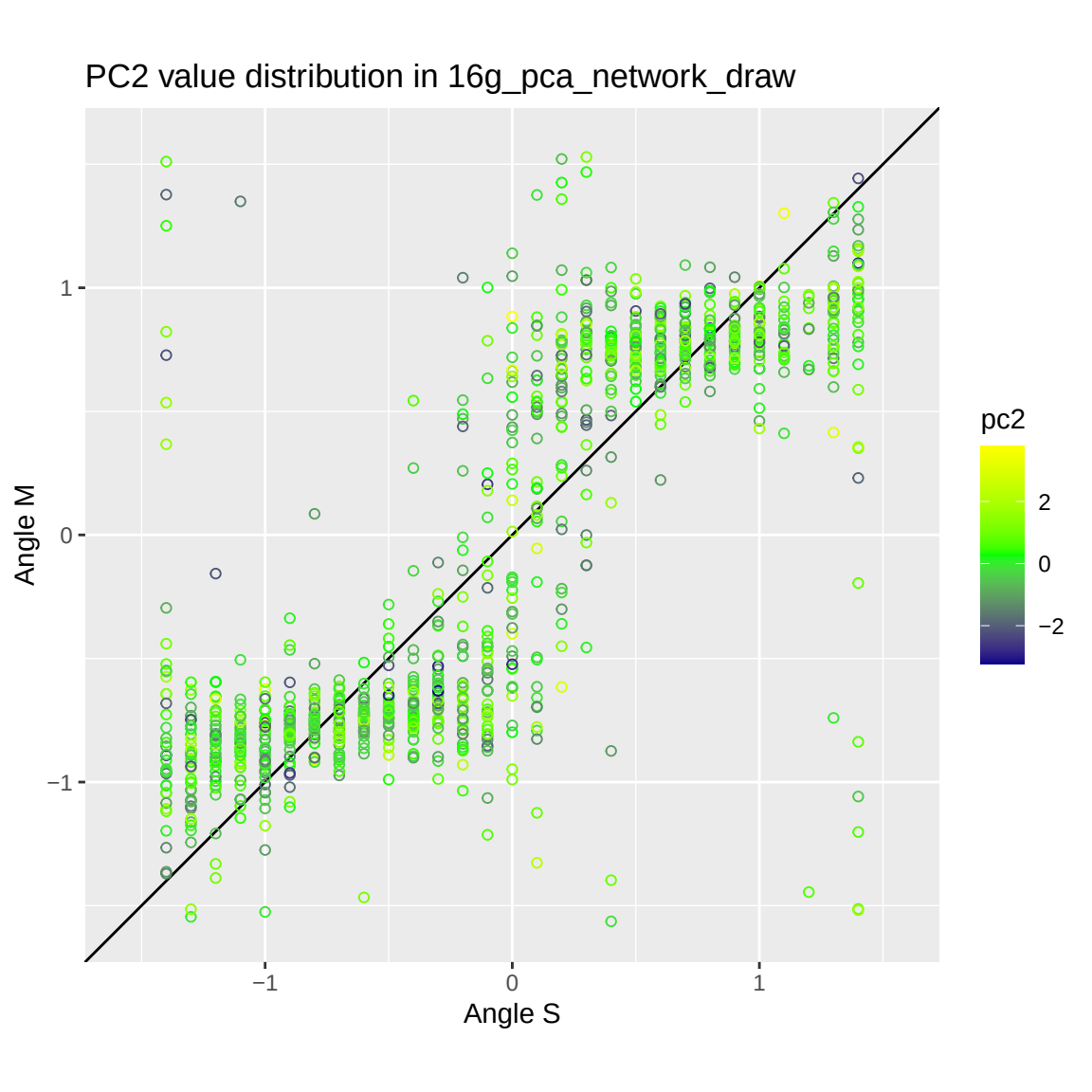



Scree plot
Percentage of explained variances
10.0
7.5
5.0
2.5
0.0
1
2
3
4
5
6
7
8
9
10
Dimensions

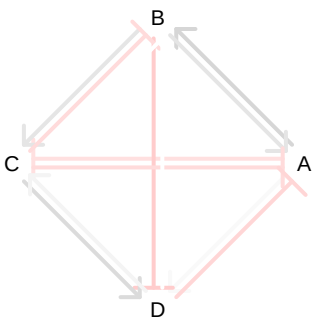

Contribution of variables to Dim−1
Contributions (%)
0
5
10
15
20
D–C
B–A
D–B
C–B
A–B
A–D
A–C
B–C
C–A
C–D
Contribution of variables to Dim
Contributions (%)
0
10
20
30
D–A
C–A
C–D
D–C
B–D
B–C
A–C
D–B
C–B
A–D
Contribution of variables to Dim−3
Contributions (%)
0
10
20
30
A–D
B–D
A–B
C–D
A–C
C–A
D–A
D–C
B–C
C–B
Contribution of variables to Dim
Contributions (%)
0
10
20
30
D–B
B–A
C–B
B–C
A–C
C–A
A–B
D–A
D–C
C–D


Individuals − PCA
4
2
0
−2
−4
Dim2 (9.7%)
−2
0
2
4
Dim1 (10.1%)
M angle
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5

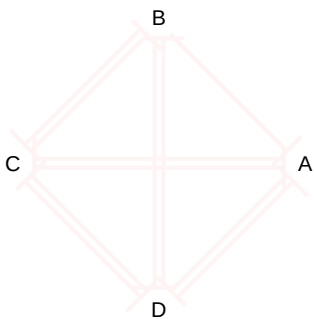
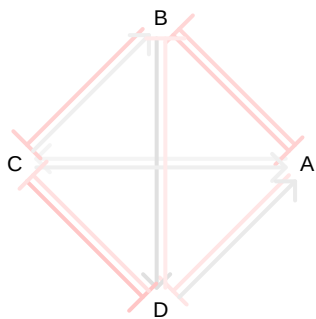

PC1 value distribution in 16g_pca_network_draw
Angle M
Angle S
1
0
−1
−1
0
1
pc1
2
0
−2


PC2 value distribution in 16g_pca_network_draw
Angle M
Angle S
1
0
−1
−1
0
1
pc2
2
0
−2

PC1 = −5



PC1 = 0



PC1 = 5