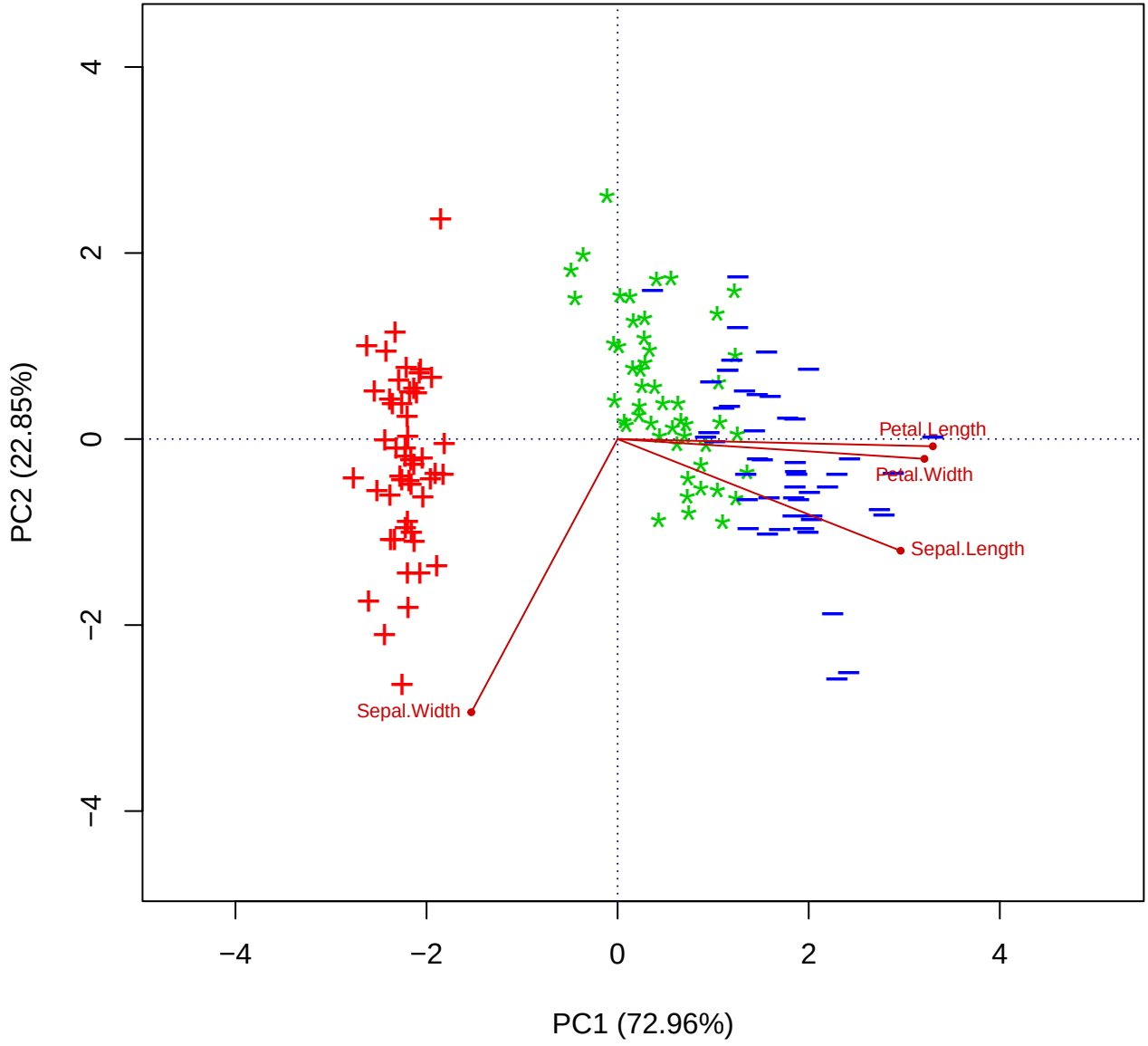
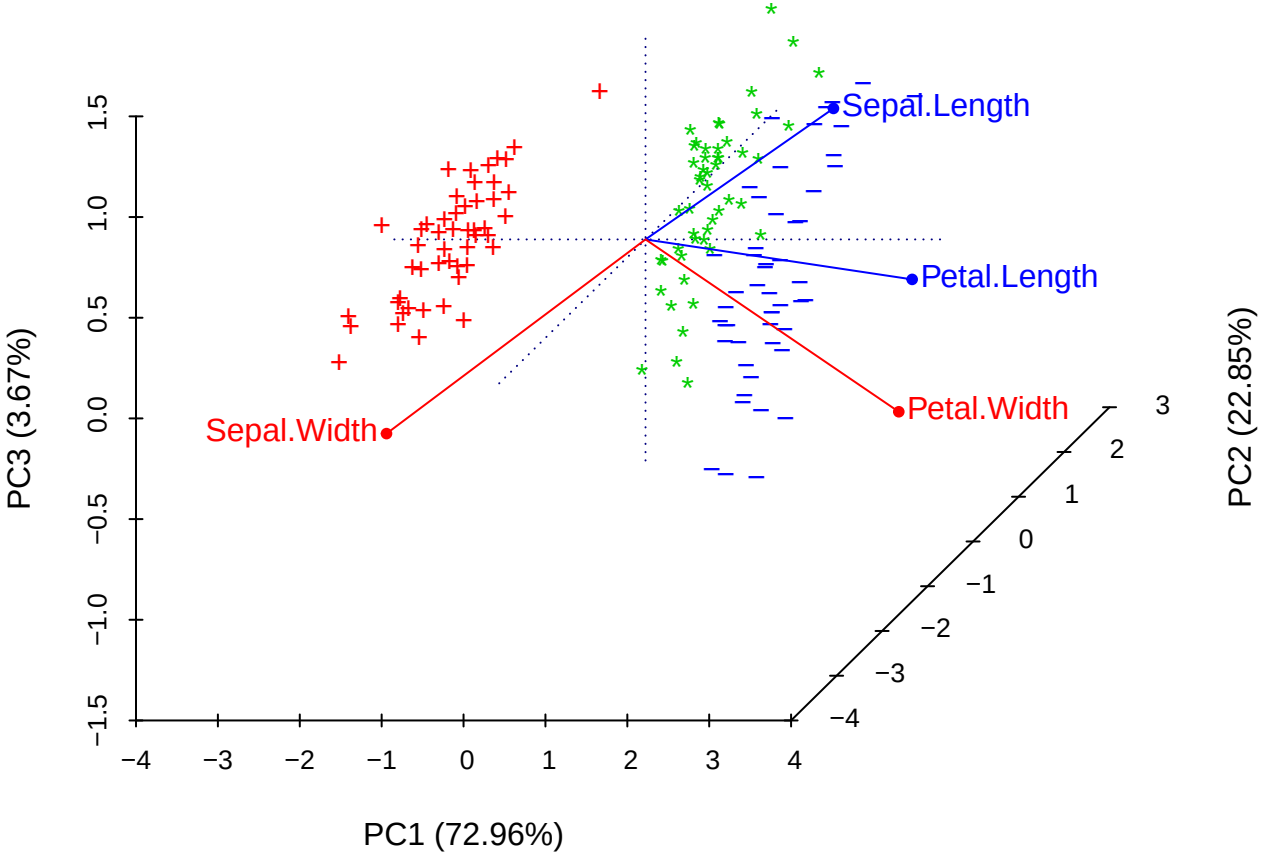
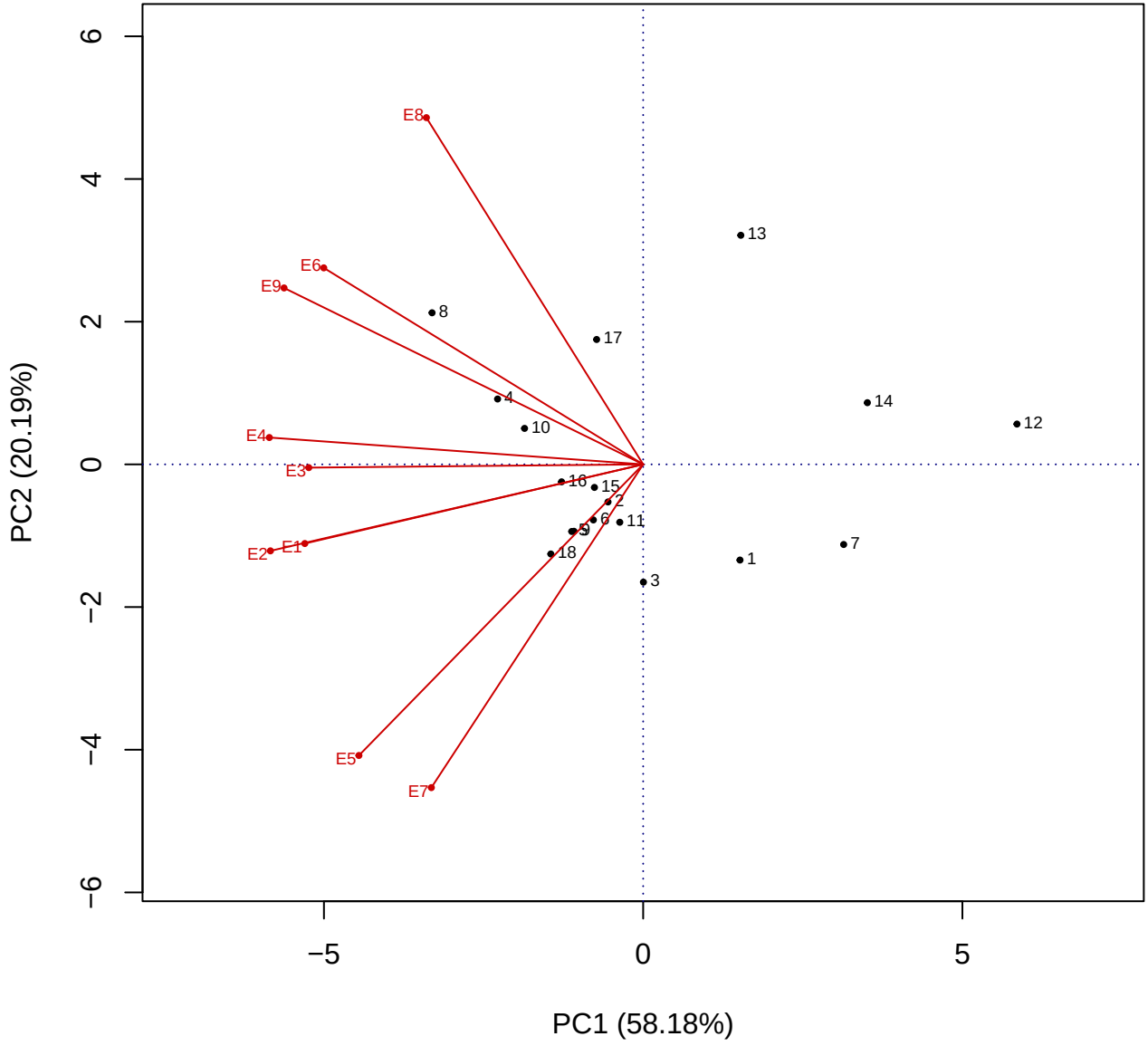
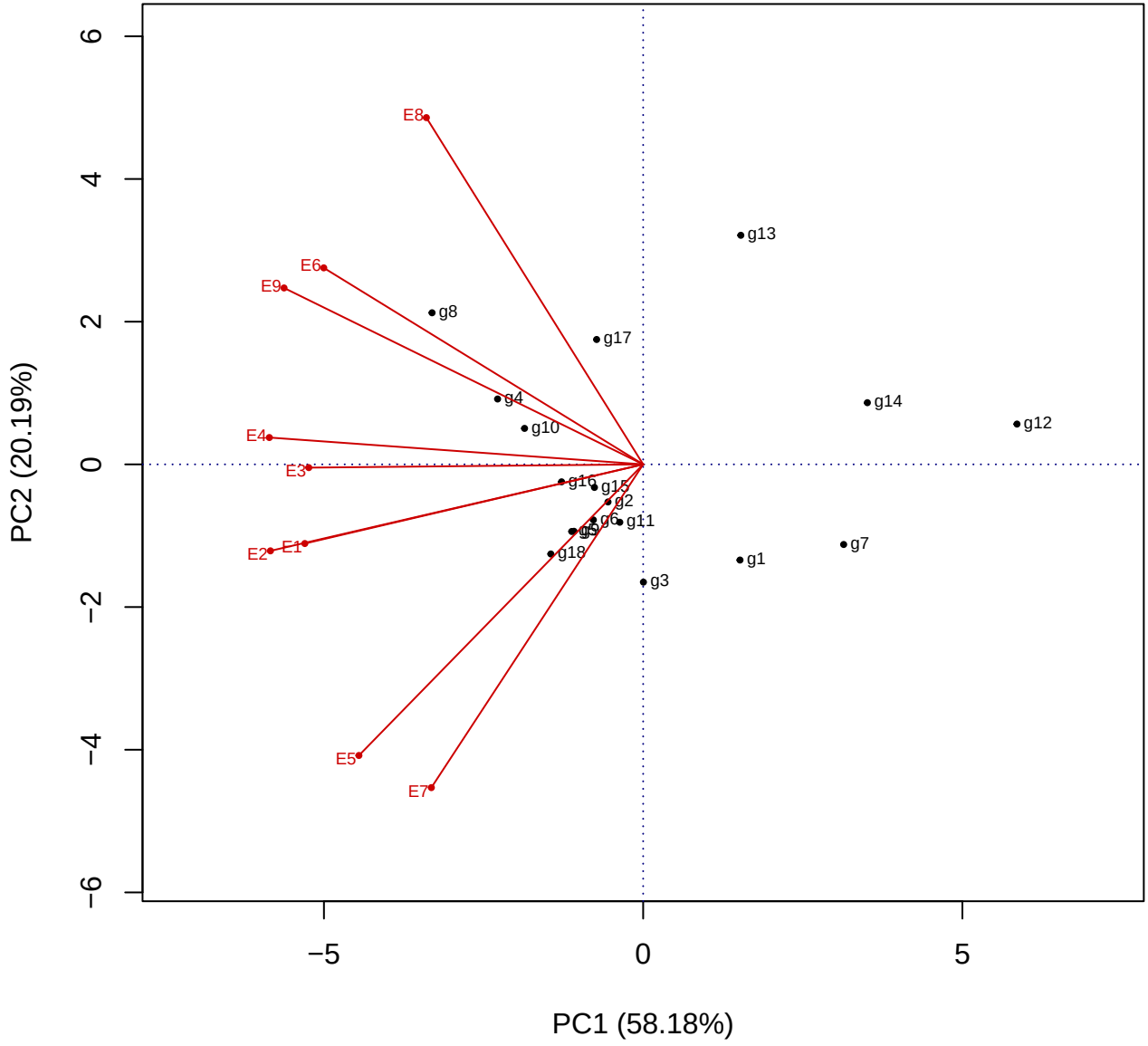
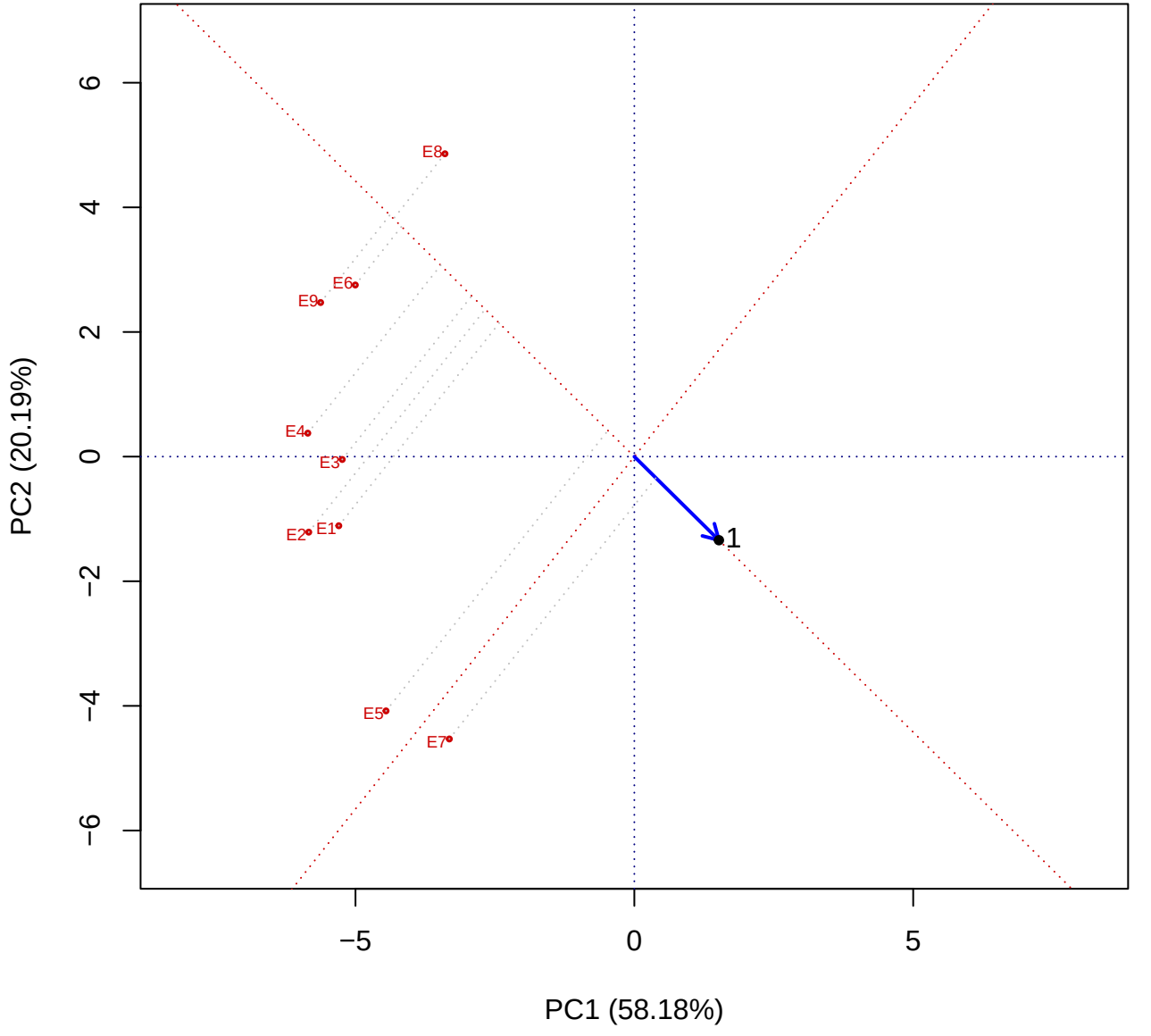
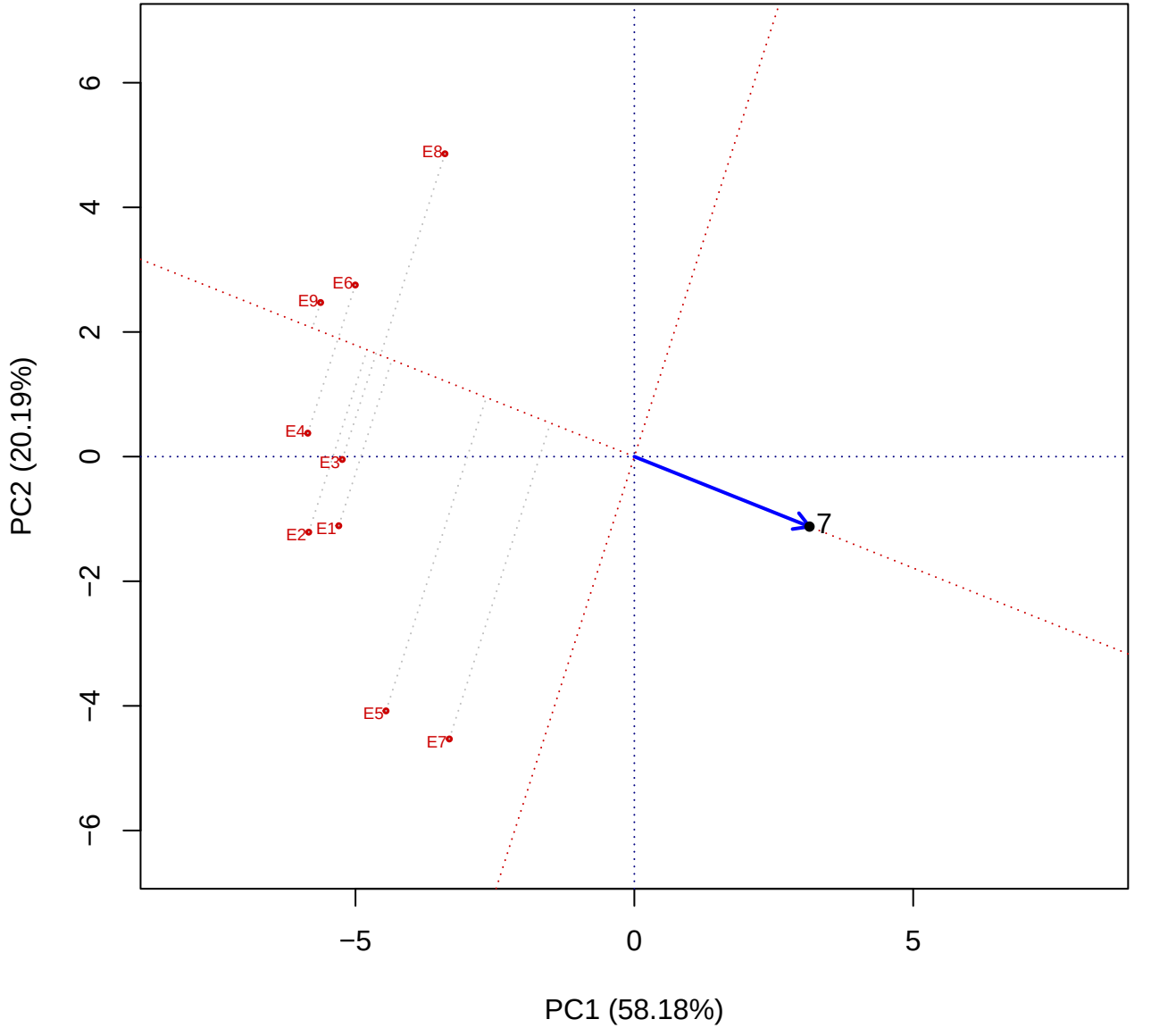

Petal.Length
Petal.Width
Sepal.Length
Sepal.Width
PC2 (22.85%)
PC1 (72.96%)
4
2
0
−2
−4
−4
−2
0
2
4

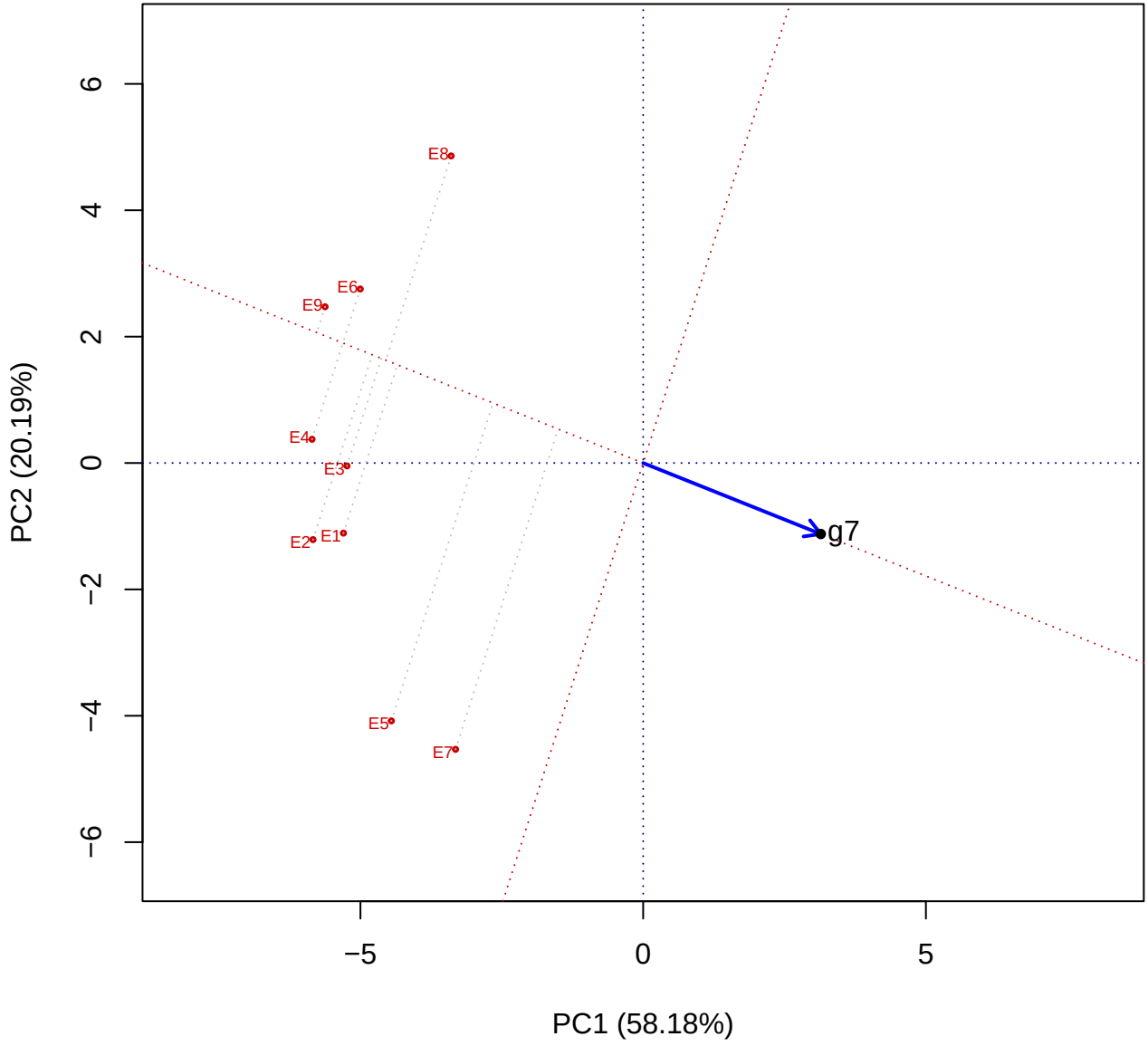

Sepal.Length
Petal.Length
Petal.Width
Sepal.Width
PC3 (3.67%)
PC1 (72.96%)
PC2 (22.85%)
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−4
−3
−2
−1
0
1
2
3
4

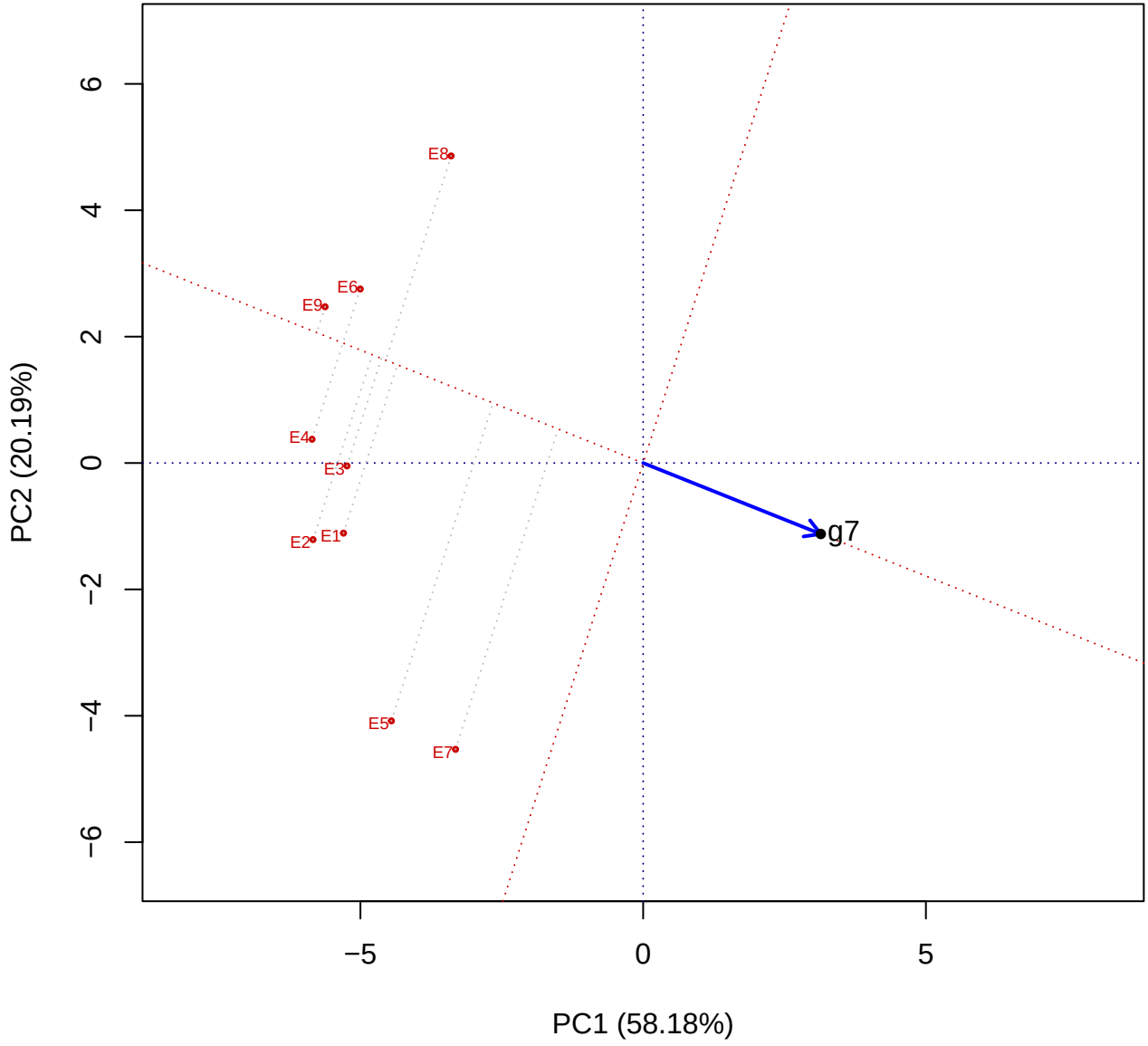

E8
E6
E9
E4
E3
E2
E1
E5
E7
13
8
17
4
10
14
12
16
15
2
6
11
9
18
7
1
3
6
4
2
0
−2
−4
−6
−5
0
5
PC2 (20.19%)
PC1 (58.18%)

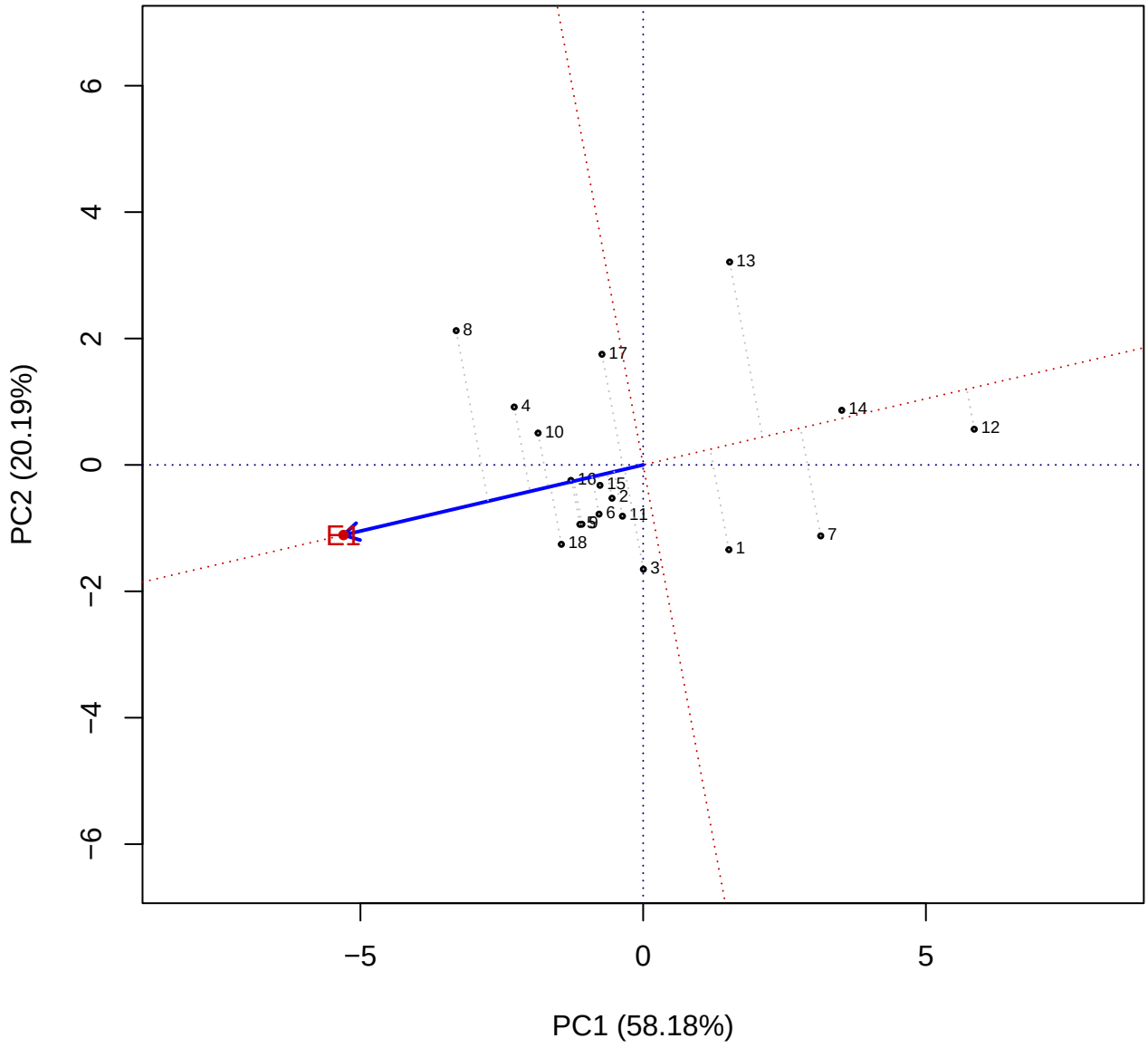

E8
g13
E6
E9
g8
g17
g4
g14
g12
E4
g10
E3
g16
g15
g2
g6
g11
E2
E1
g18
g7
g1
g3
E5
E7
6
4
2
0
−2
−4
−6
−5
0
5
PC2 (20.19%)
PC1 (58.18%)

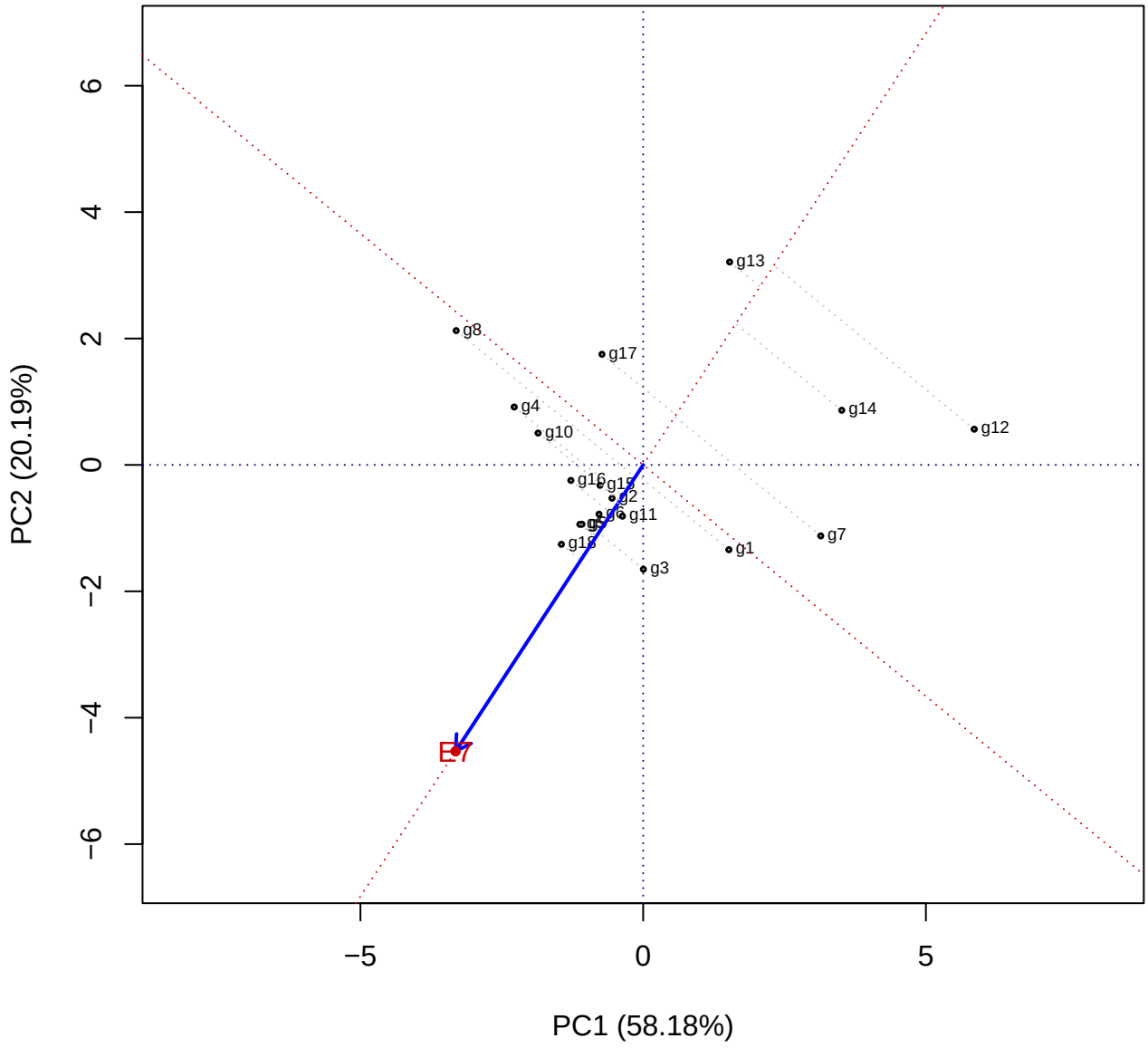

E8
E6
E9
E4
E3
E2
E1
E5
E7
1
6
4
2
0
−2
−4
−6
−5
0
5
PC2 (20.19%)
PC1 (58.18%)

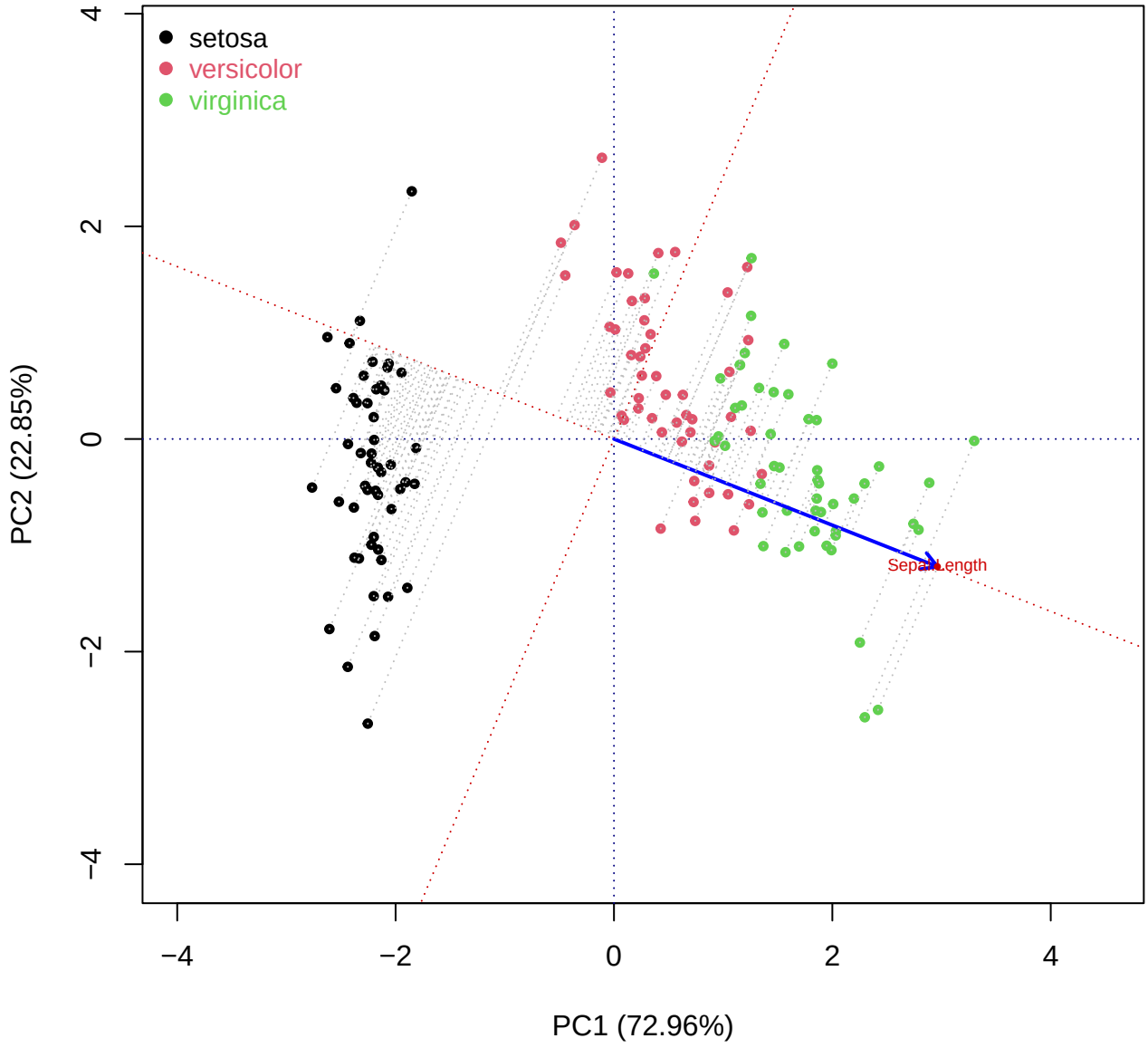

E8
E6
E9
E4
E3
E2
E1
E5
E7
7
6
4
2
0
−2
−4
−6
−5
0
5
PC2 (20.19%)
PC1 (58.18%)

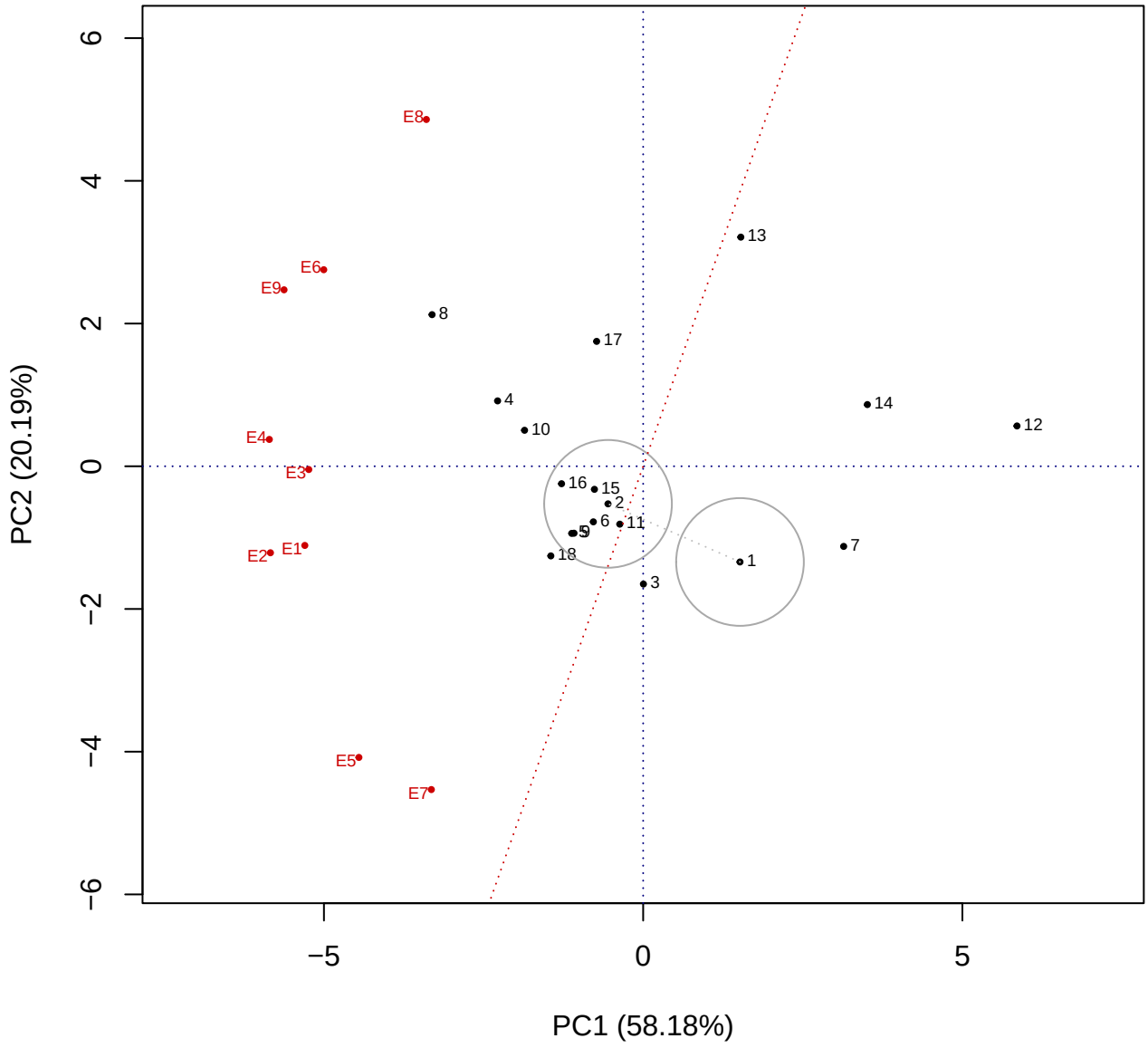

E8
E6
E9
E4
E3
E2
E1
E5
E7
g7
6
4
2
0
−2
−4
−6
−5
0
5
PC2 (20.19%)
PC1 (58.18%)

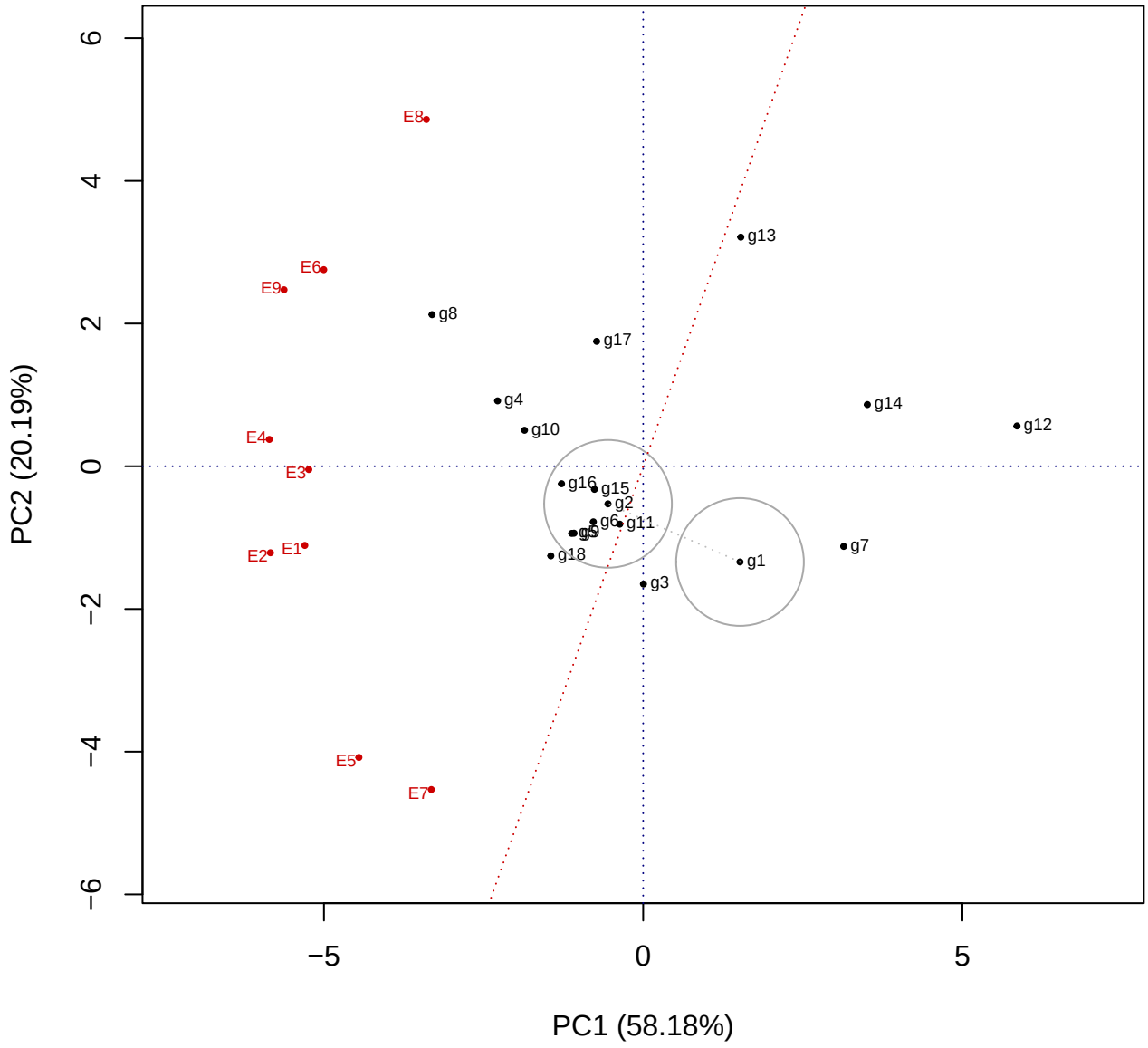

E8
E6
E9
E4
E3
E2
E1
E5
E7
g7
6
4
2
0
−2
−4
−6
−5
0
5
PC2 (20.19%)
PC1 (58.18%)

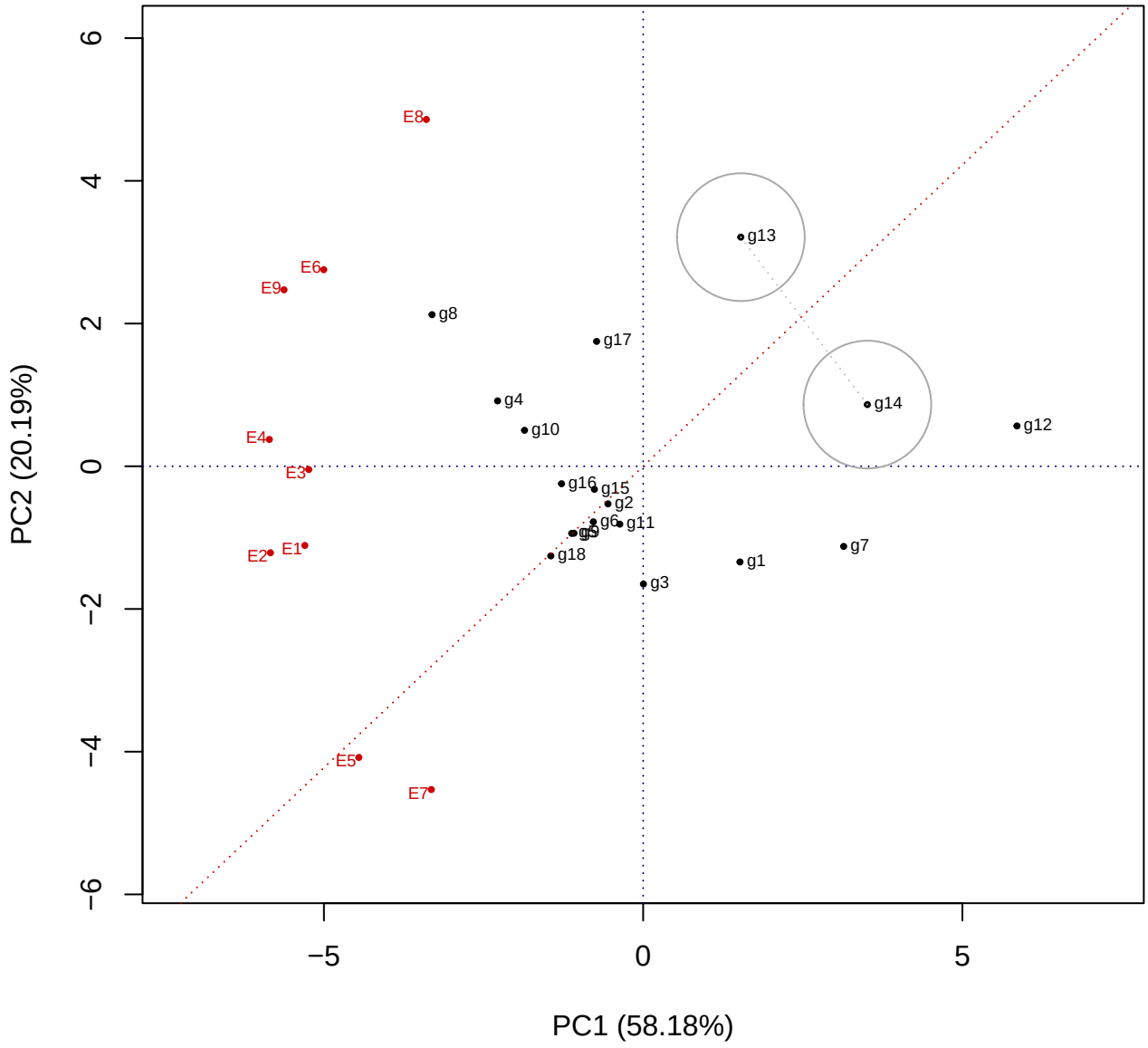

PC2 (20.19%)
PC1 (58.18%)
6
4
2
0
−2
−4
−6
−5
0
5
13
8
17
4
10
14
12
10
15
2
6
11
5
9
E1
18
7
1
3

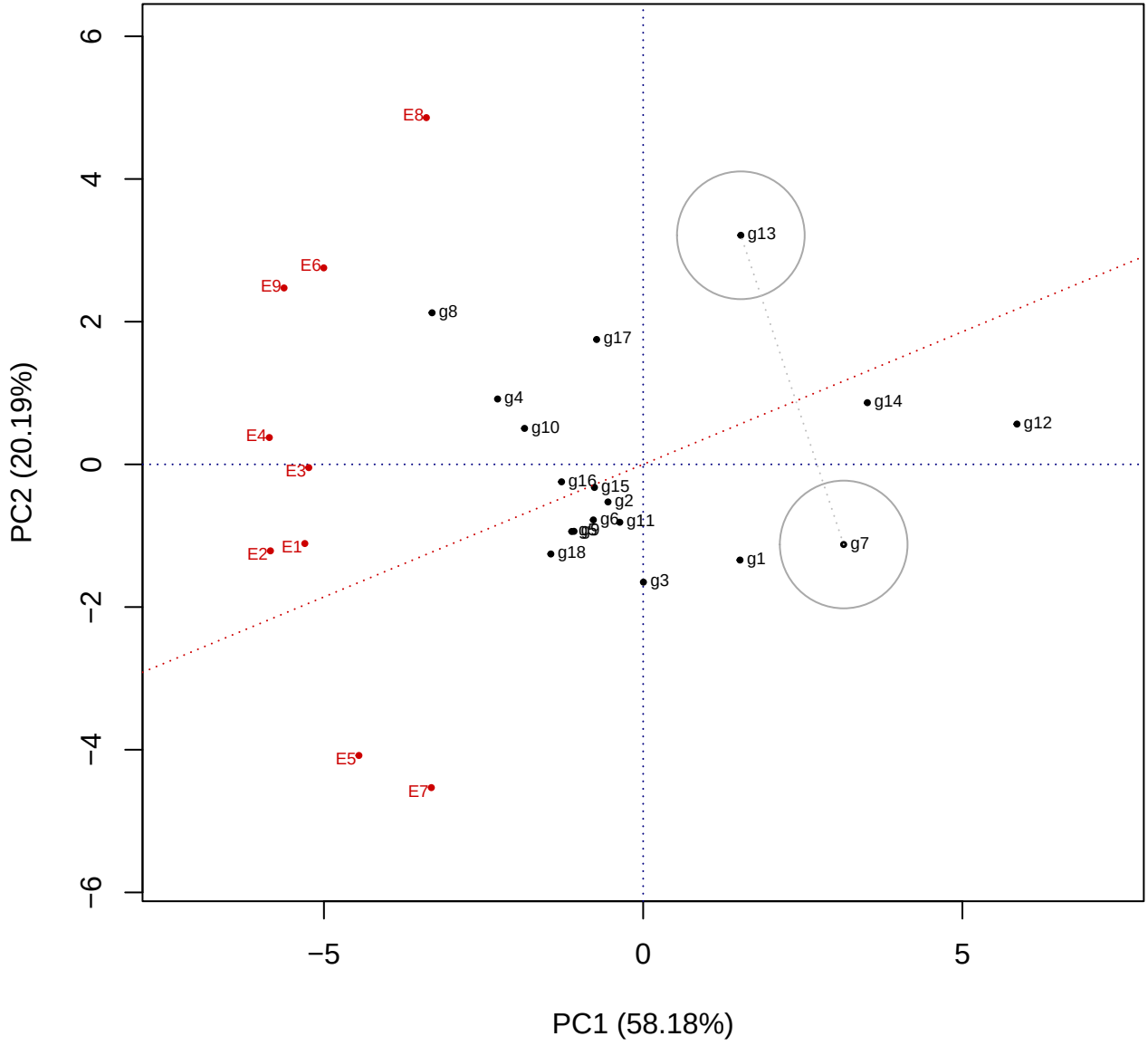

g13
g8
g17
g4
g14
g12
g10
g16
g15
g2
g11
g7
g18
g1
g3
E7
6
4
2
0
−2
−4
−6
−5
0
5
PC2 (20.19%)
PC1 (58.18%)

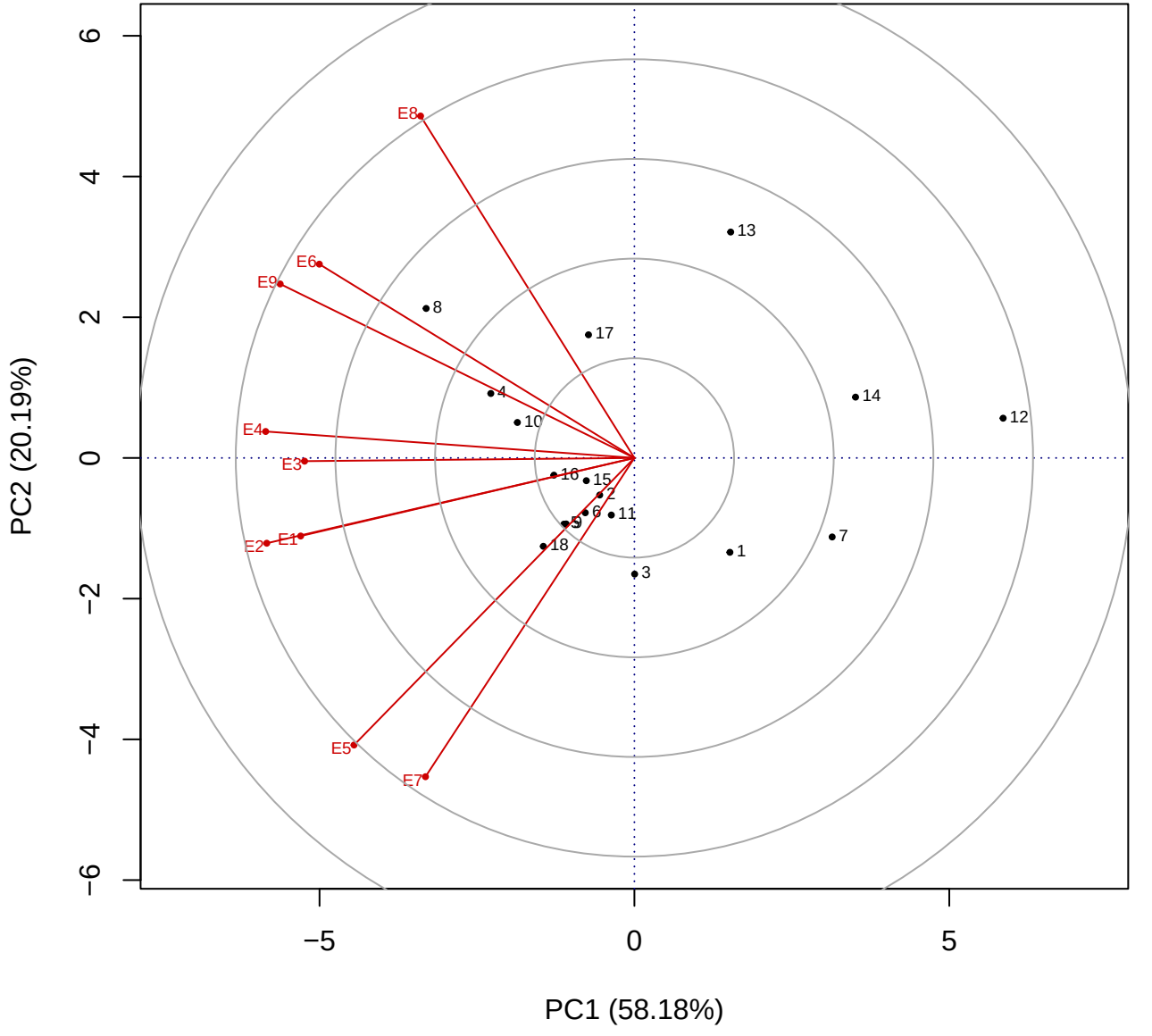

setosa
versicolor
virginica
SepalLength
PC2 (22.85%)
PC1 (72.96%)
4
2
0
−2
−4
−4
−2
0
2
4

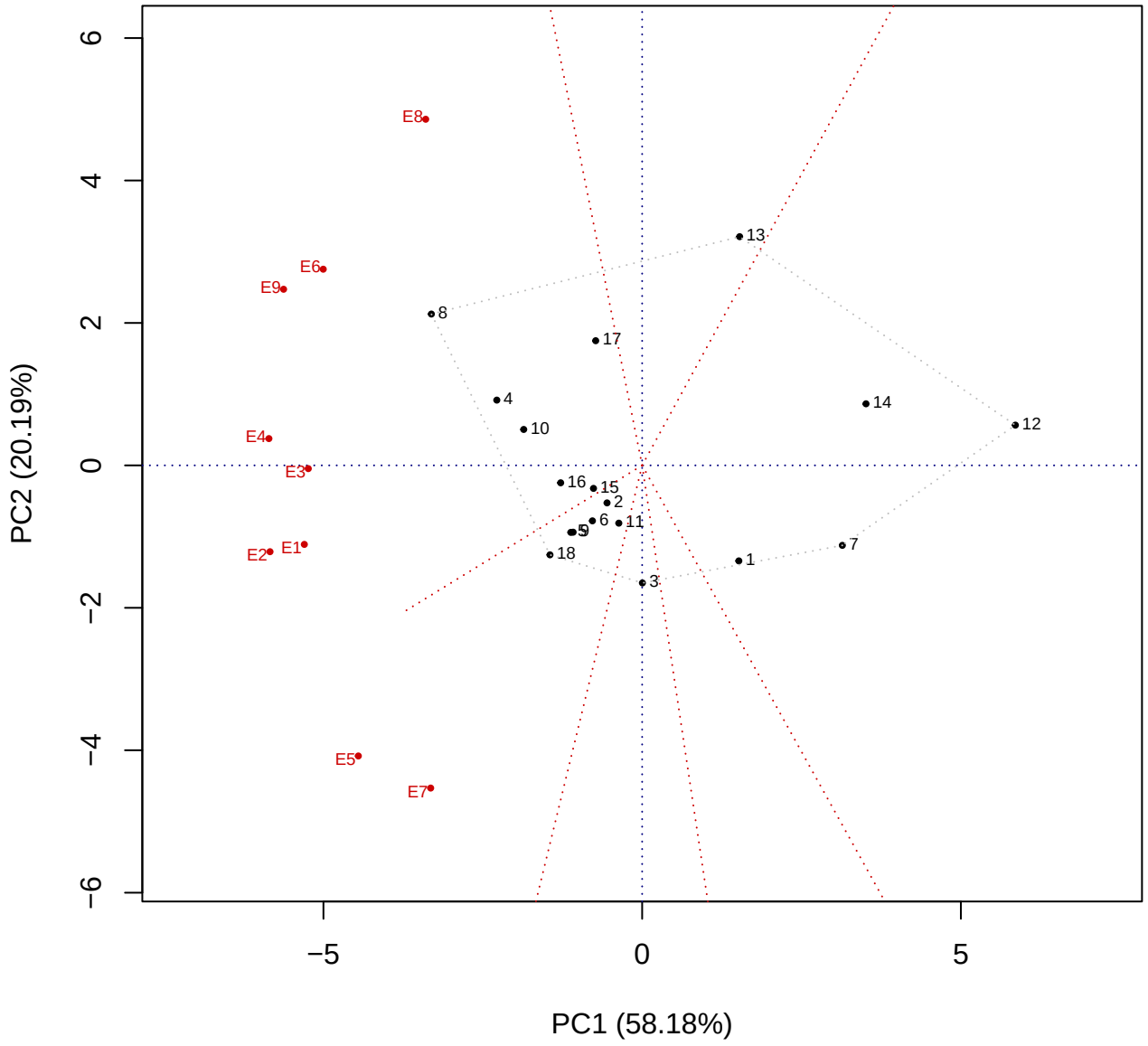

E8
13
E6
E9
8
17
4
14
12
10
E4
E3
16
15
2
6
11
9
7
E2
E1
18
1
3
E5
E7
6
4
2
0
−2
−4
−6
−5
0
5
PC2 (20.19%)
PC1 (58.18%)


E8
g13
E6
E9
g8
g17
g4
g14
g12
g10
E4
E3
g16
g15
g2
g6
g11
g7
E2
E1
g18
g1
g3
E5
E7
6
4
2
0
−2
−4
−6
−5
0
5
PC2 (20.19%)
PC1 (58.18%)


E8
E6
E9
g8
g17
g13
g14
g12
g4
g10
E4
E3
g16
g15
g2
g6
g11
E2
E1
g18
g7
g1
g3
E5
E7
6
4
2
0
−2
−4
−6
−5
0
5
PC2 (20.19%)
PC1 (58.18%)


E8
E6
E9
g8
g17
g13
g4
g10
g14
g12
E4
E3
g16
g15
g2
g6
g11
E2
E1
g18
g7
g1
g3
E5
E7
6
4
2
0
−2
−4
−6
−5
0
5
PC2 (20.19%)
PC1 (58.18%)


E8
E6
E9
E4
E3
E2
E1
E5
E7
13
8
17
4
10
14
12
16
15
2
6
11
9
18
7
1
3
6
4
2
0
−2
−4
−6
−5
0
5
PC2 (20.19%)
PC1 (58.18%)


E8
E6
E9
E4
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E7
13
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17
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10
14
12
16
15
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6
11
5
18
7
1
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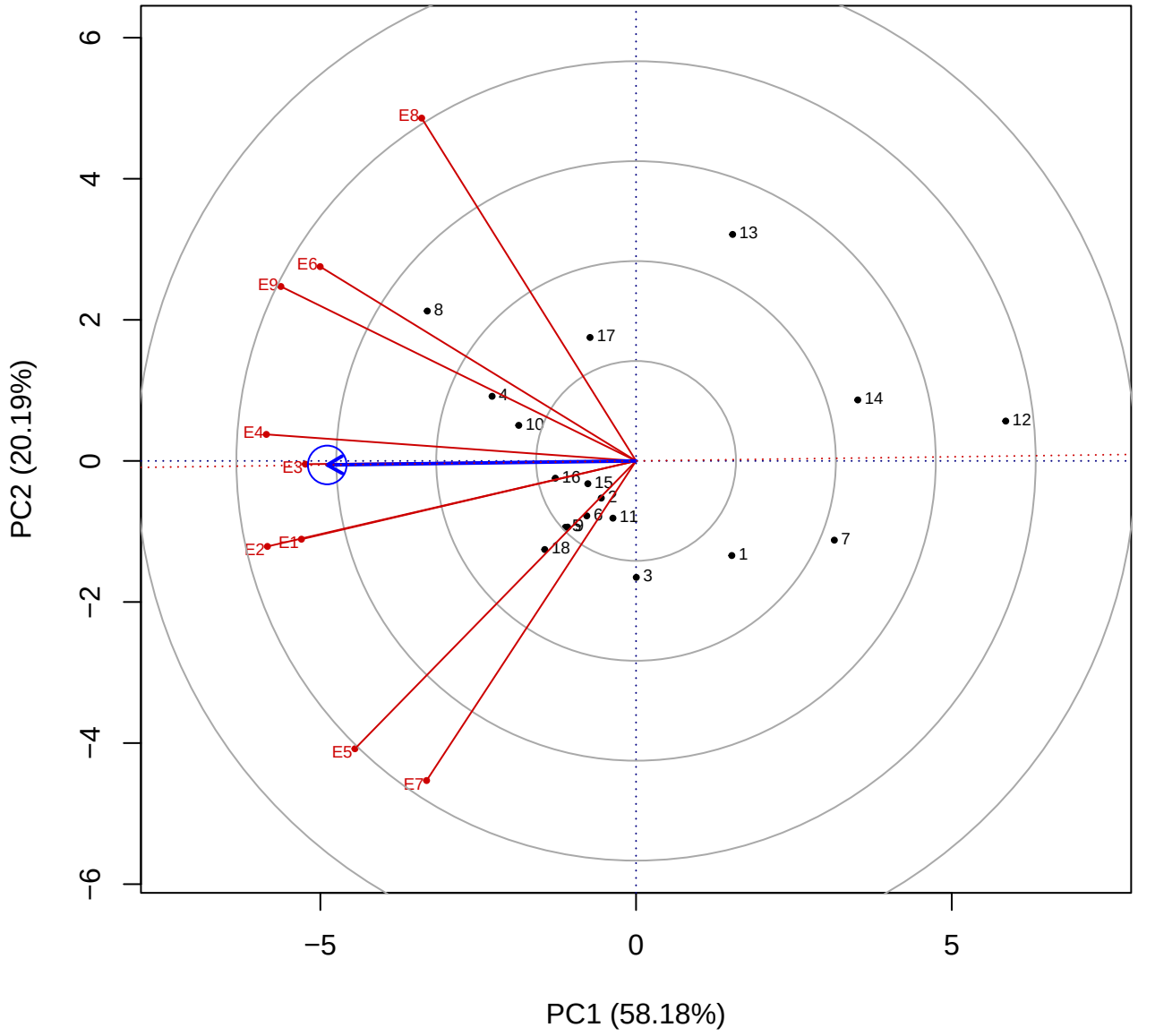
6
4
2
0
−2
−4
−6
−5
0
5
PC2 (20.19%)
PC1 (58.18%)


E8
E6
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E4
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E1
E5
E7
13
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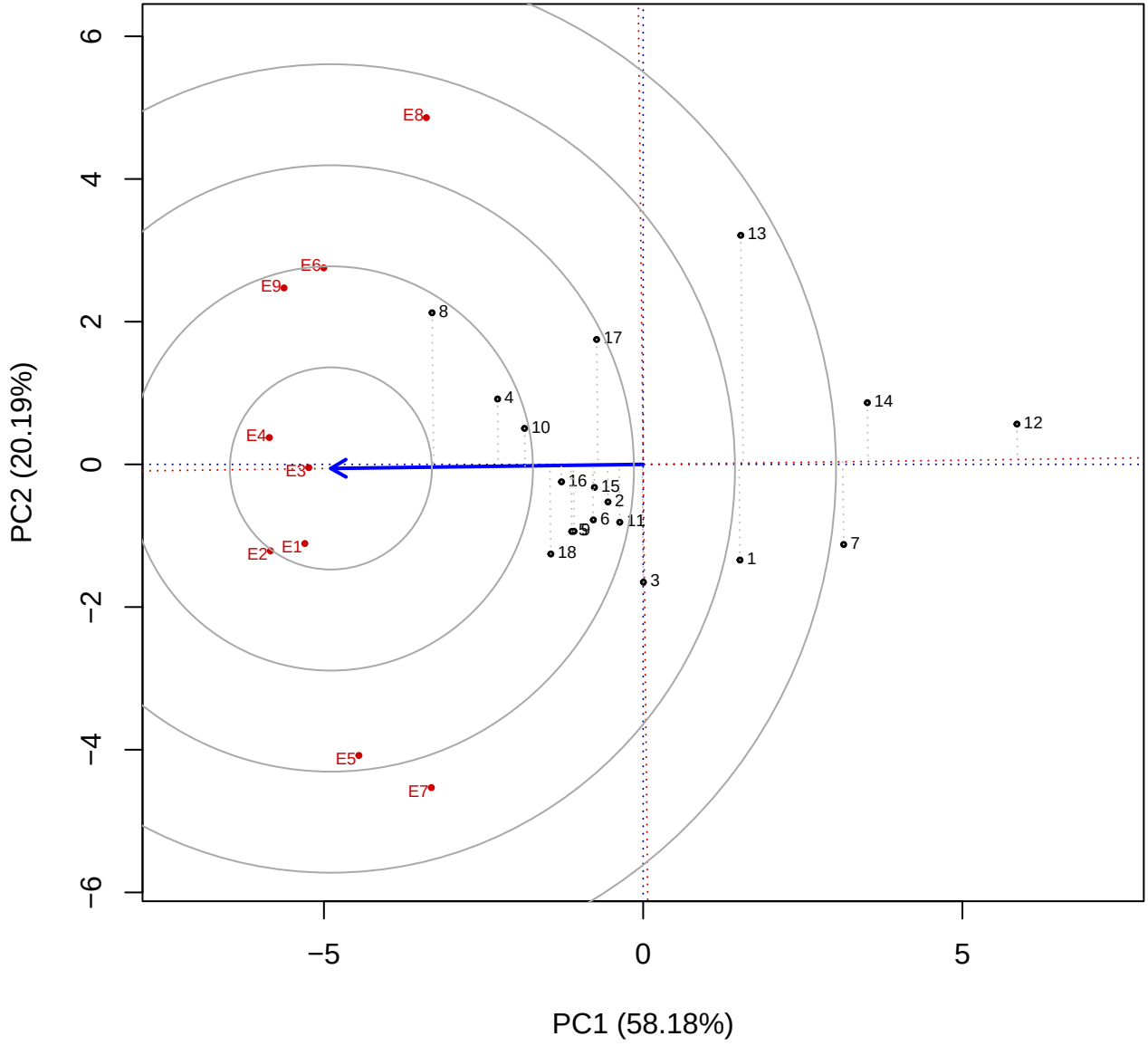
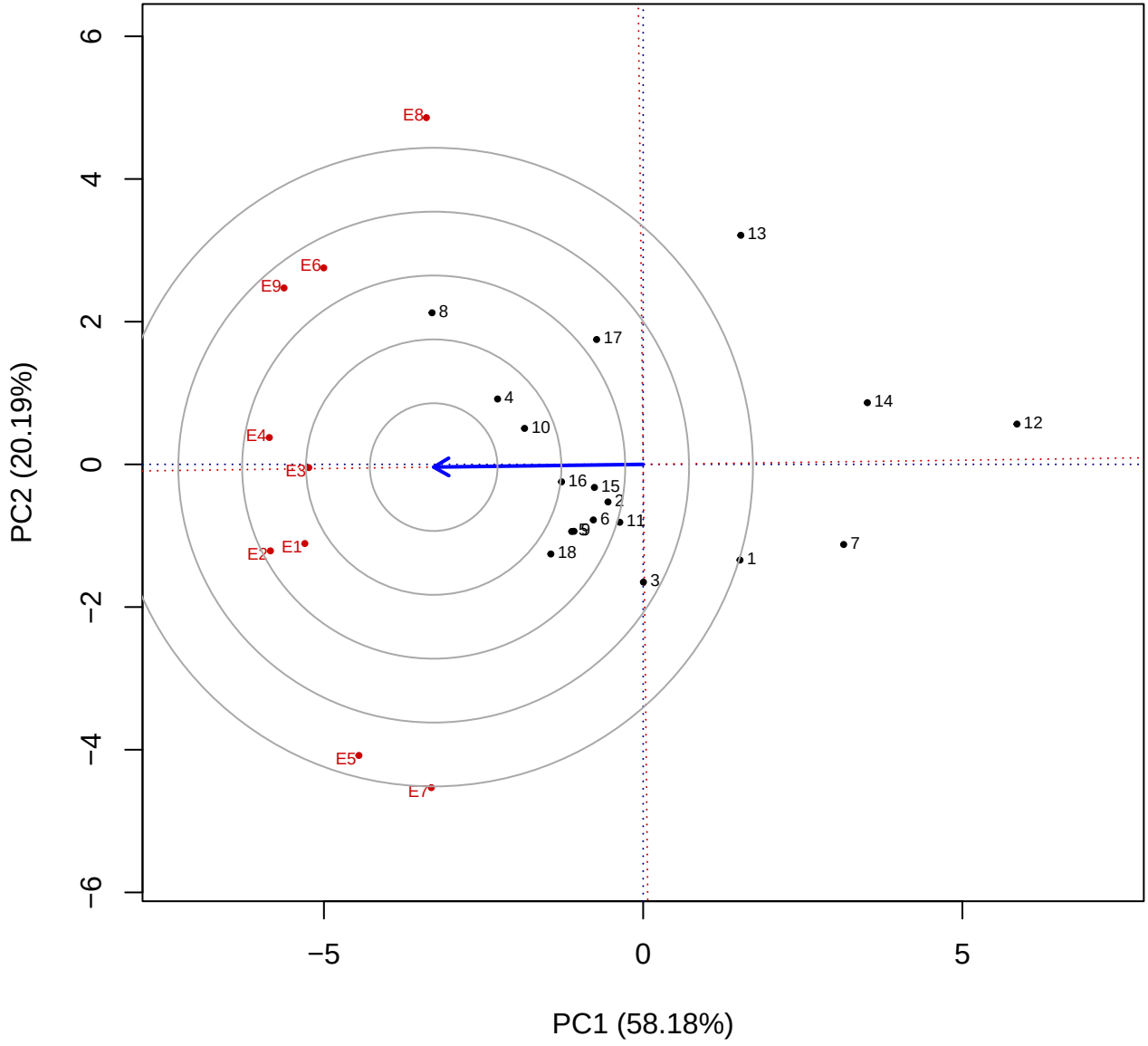
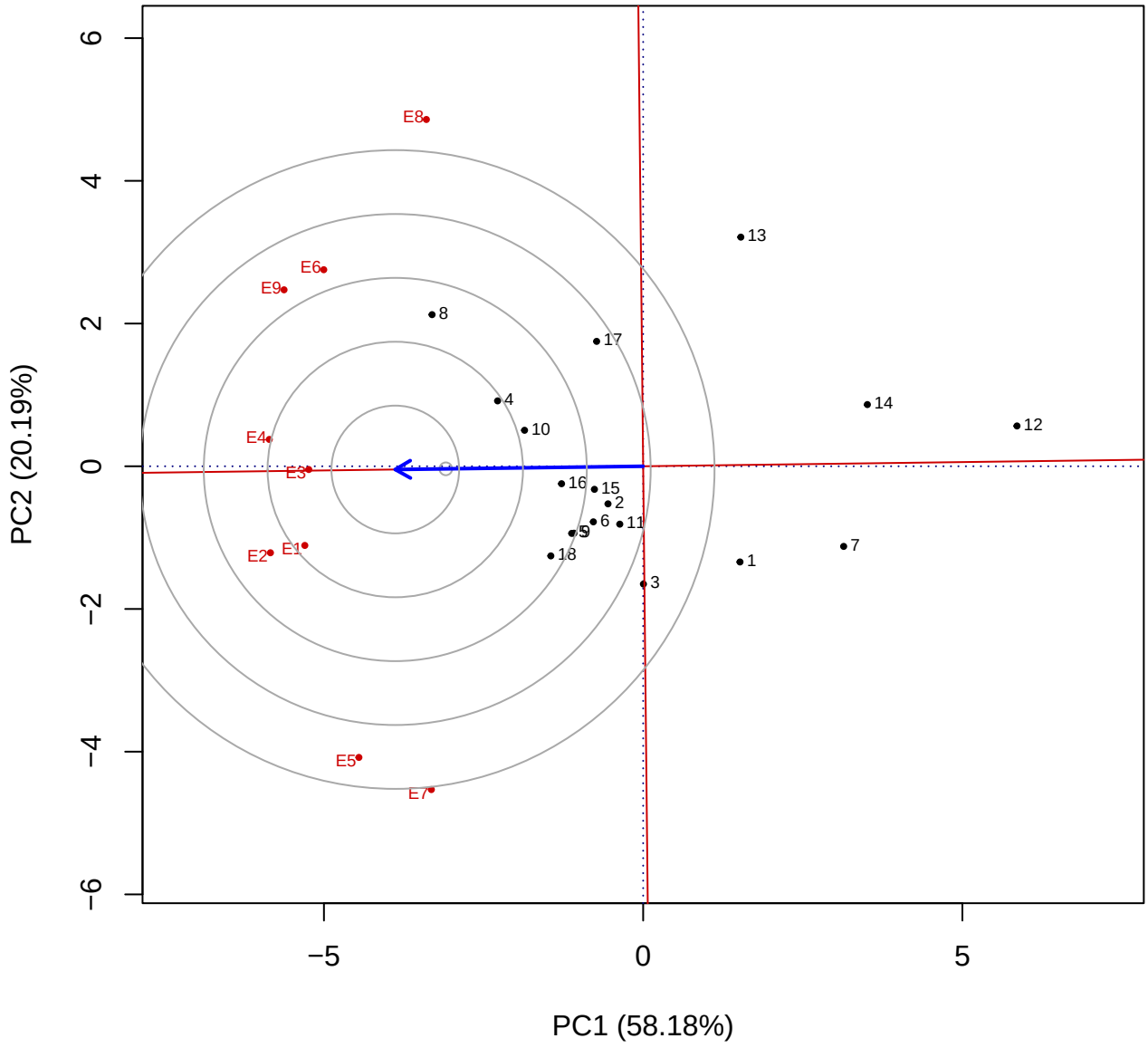
17
4
10
14
12
16
15
2
6
11
9
18
7
1
3
6
4
2
0
−2
−4
−6
−5
0
5
PC2 (20.19%)
PC1 (58.18%)


E8
E6
E9
E4
E3
E2
E1
E5
E7
13
8
17
4
10
14
12
16
15
2
6
11
9
18
7
1
3
6
4
2
0
−2
−4
−6
−5
0
5
PC2 (20.19%)
PC1 (58.18%)


E8
E6
E9
E4
E3
E2
E1
E5
E7
13
8
17
4
10
14
12
16
15
2
6
11
9
18
7
1
3
6
4
2
0
−2
−4
−6
−5
0
5
PC2 (20.19%)
PC1 (58.18%)


PC2 (20.19%)
PC1 (58.18%)
6
4
2
0
−2
−4
−6
−5
0
5
E8
E6
E9
E4
E3
E2
E1
E5
E7
13
8
17
4
10
14
12
16
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2
6
11
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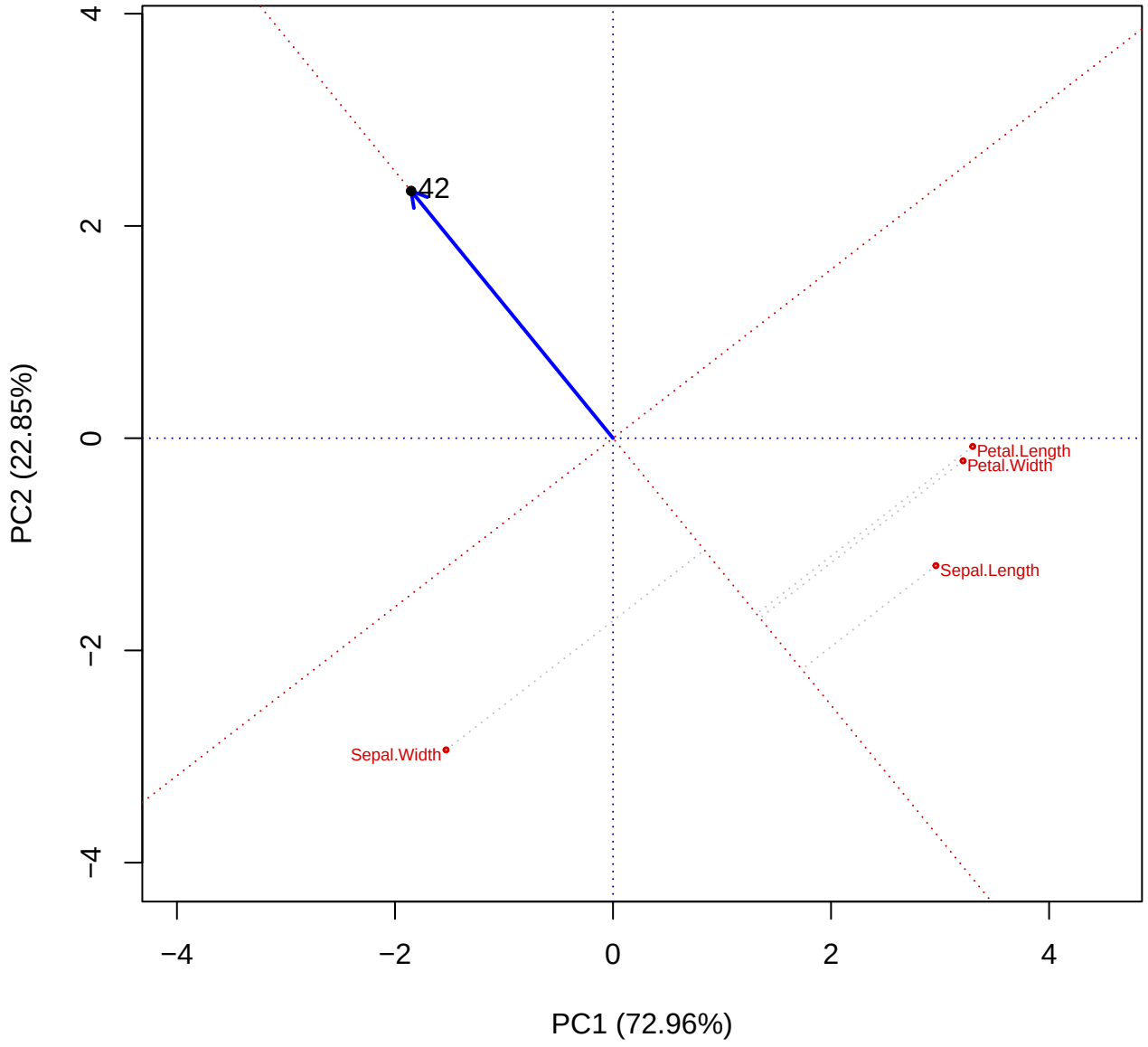
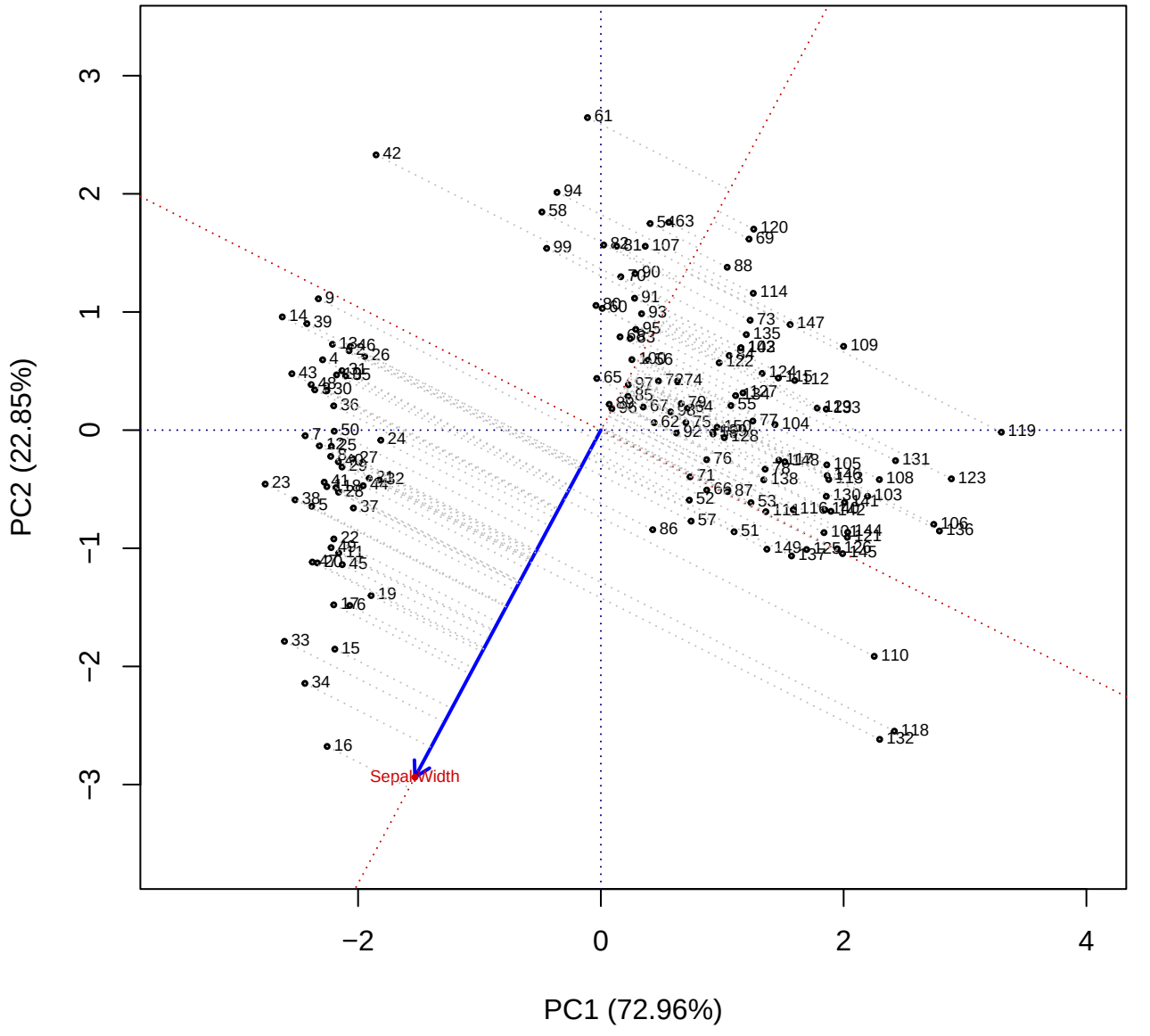
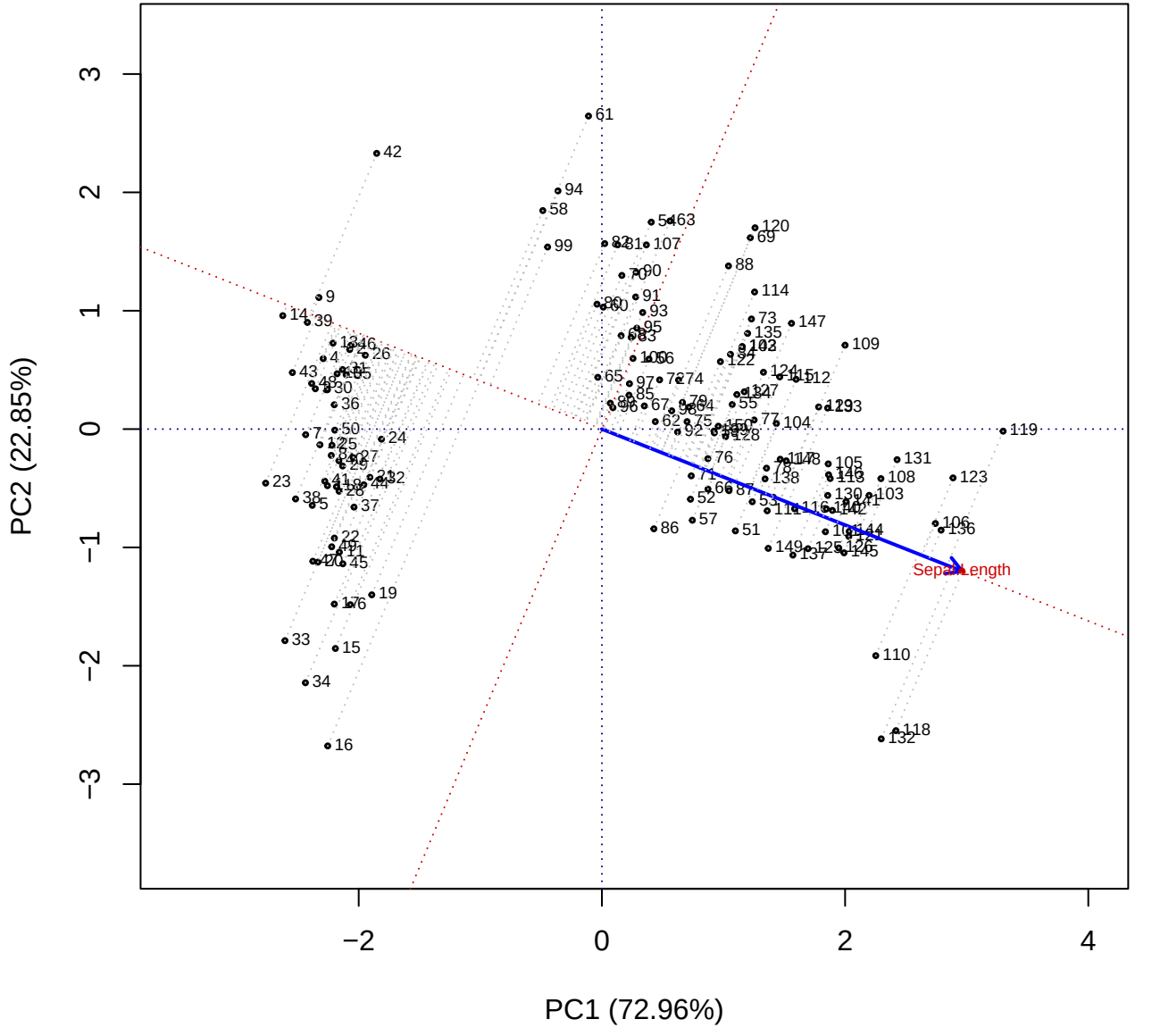
18
7
1
3


42
Petal.Length
Petal.Width
Sepal.Length
Sepal.Width
PC2 (22.85%)
PC1 (72.96%)
4
2
0
−2
−4
−4
−2
0
2
4


PC2 (22.85%)
PC1 (72.96%)
SepalWidth
3
2
1
0
−1
−2
−3
−2
0
2
4


PC2 (22.85%)
PC1 (72.96%)
Sepal.Length
3
2
1
0
−1
−2
−3
−2
0
2
4