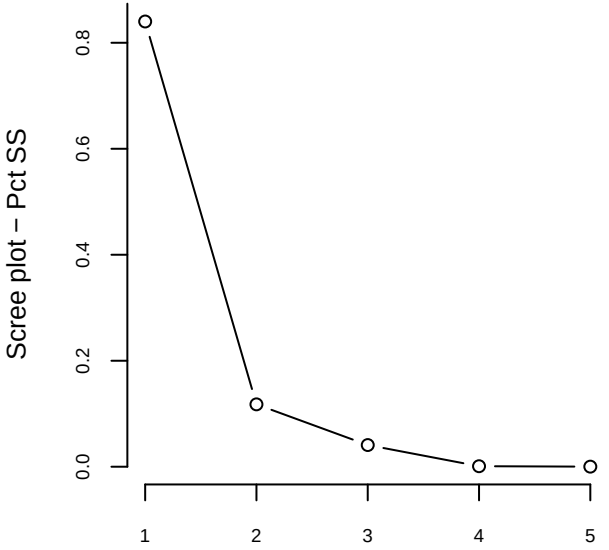
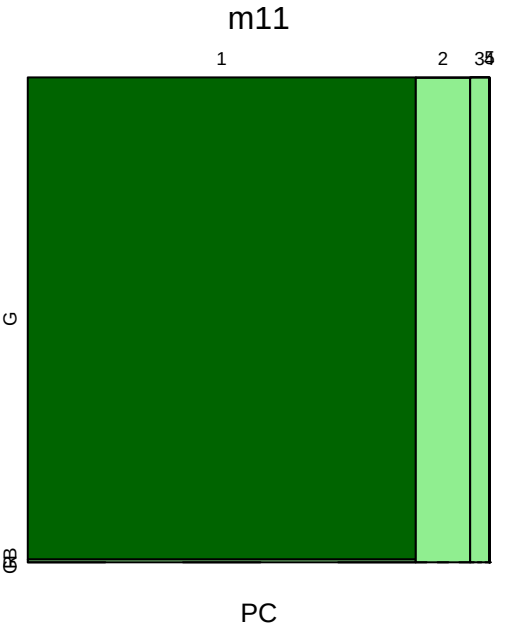
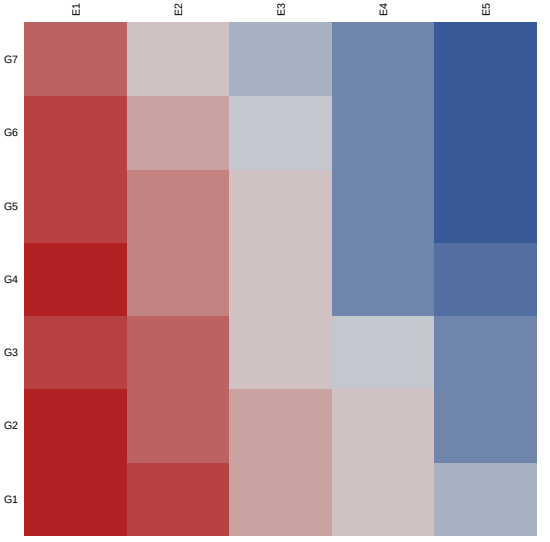
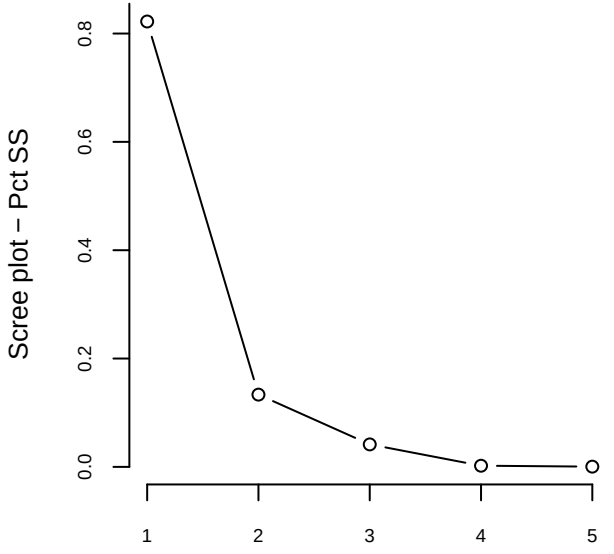
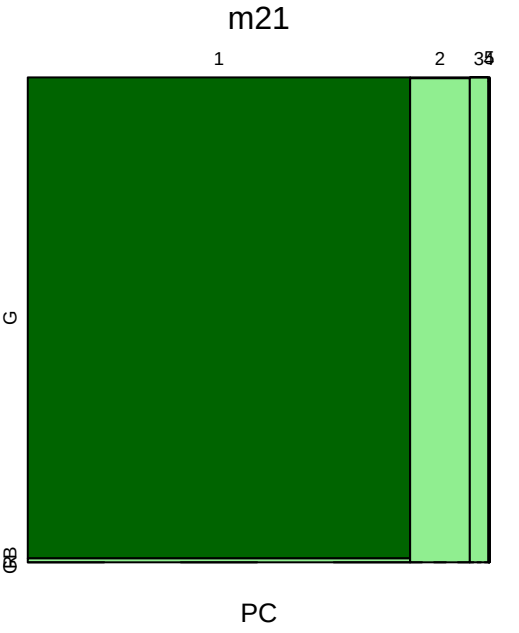
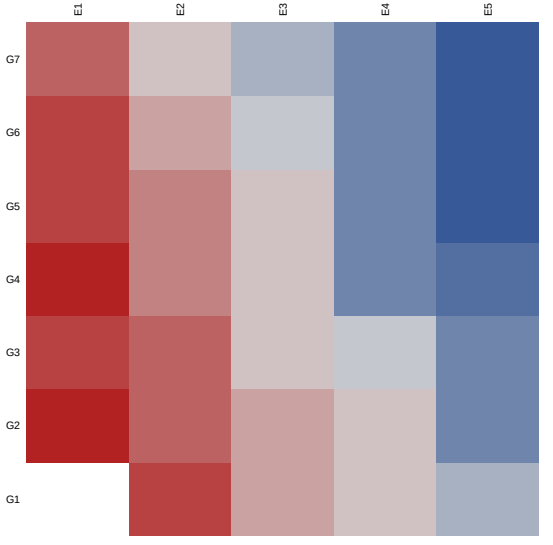

Scree plot – Pct SS
0.0
0.2
0.4
0.6
0.8
1
2
3
4
5

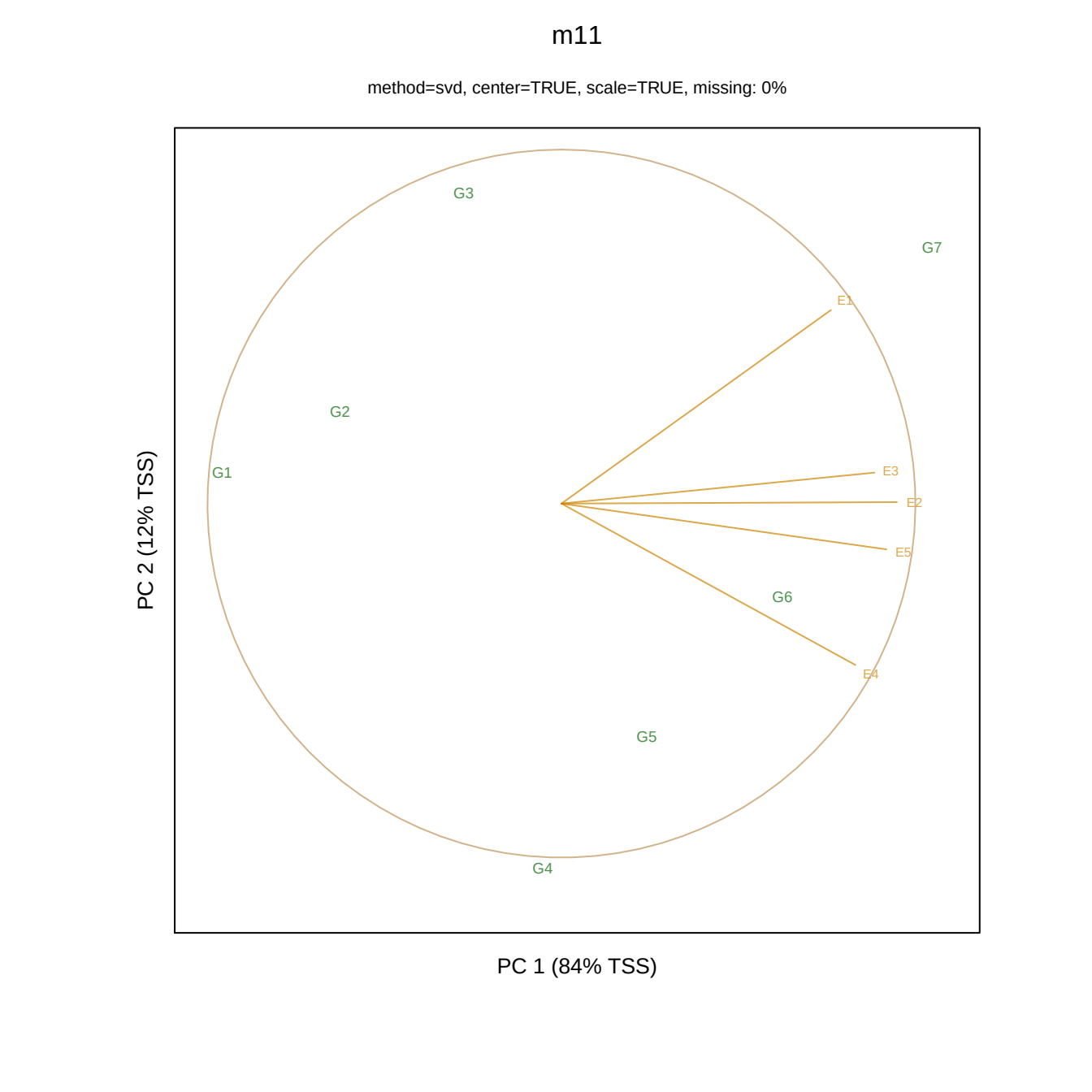

m11
1
2
3
4
5
G
PC


E1
E2
E3
E4
E5
G7
G6
G5
G4
G3
G2
G1


Scree plot – Pct SS
0.0
0.2
0.4
0.6
0.8
1
2
3
4
5

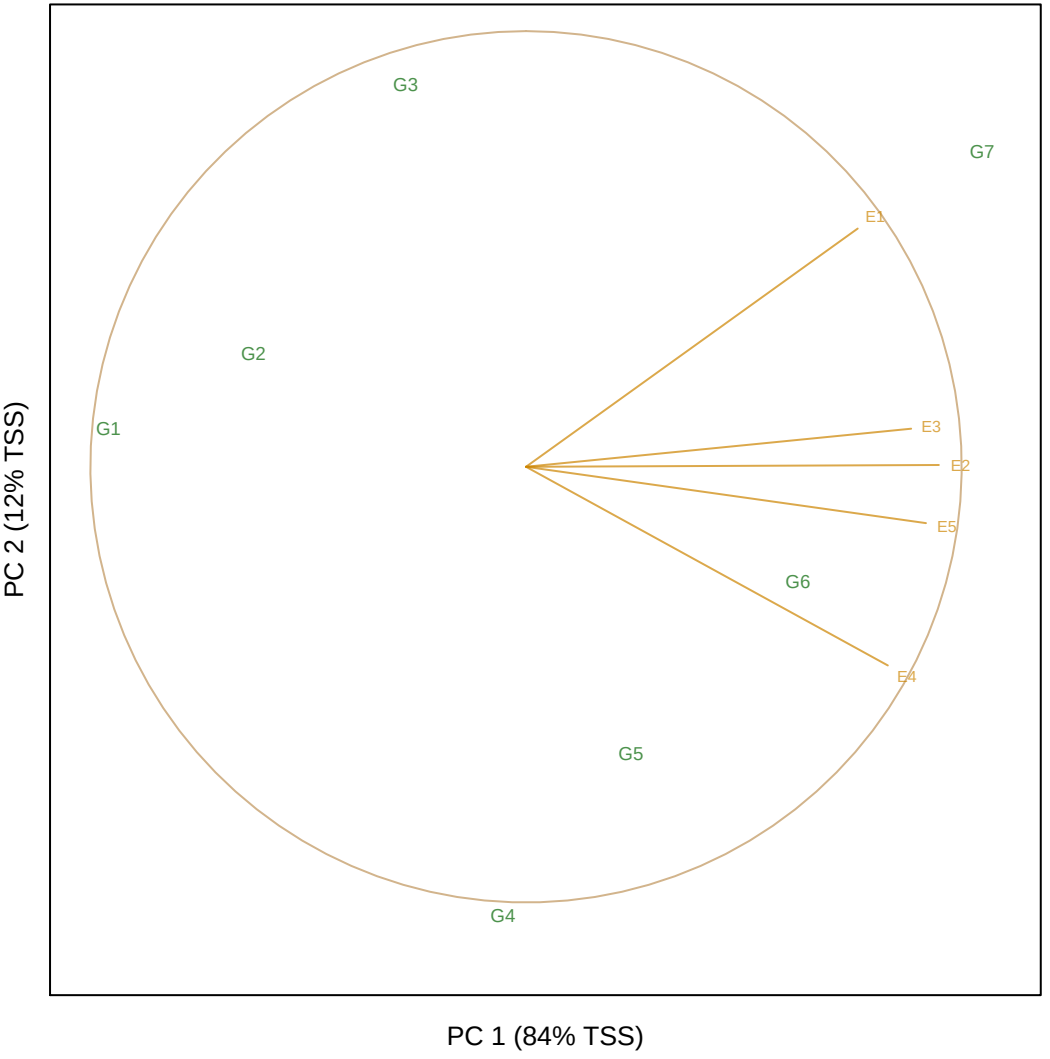

m21
1
2
3
4
5
G
PC


E1
E2
E3
E4
E5
G7
G6
G5
G4
G3
G2
G1


m11
method=svd, center=TRUE, scale=TRUE, missing: 0%
G3
G7
E1
G2
G1
E3
E2
E5
G6
E4
G5
G4
PC 2 (12% TSS)
PC 1 (84% TSS)

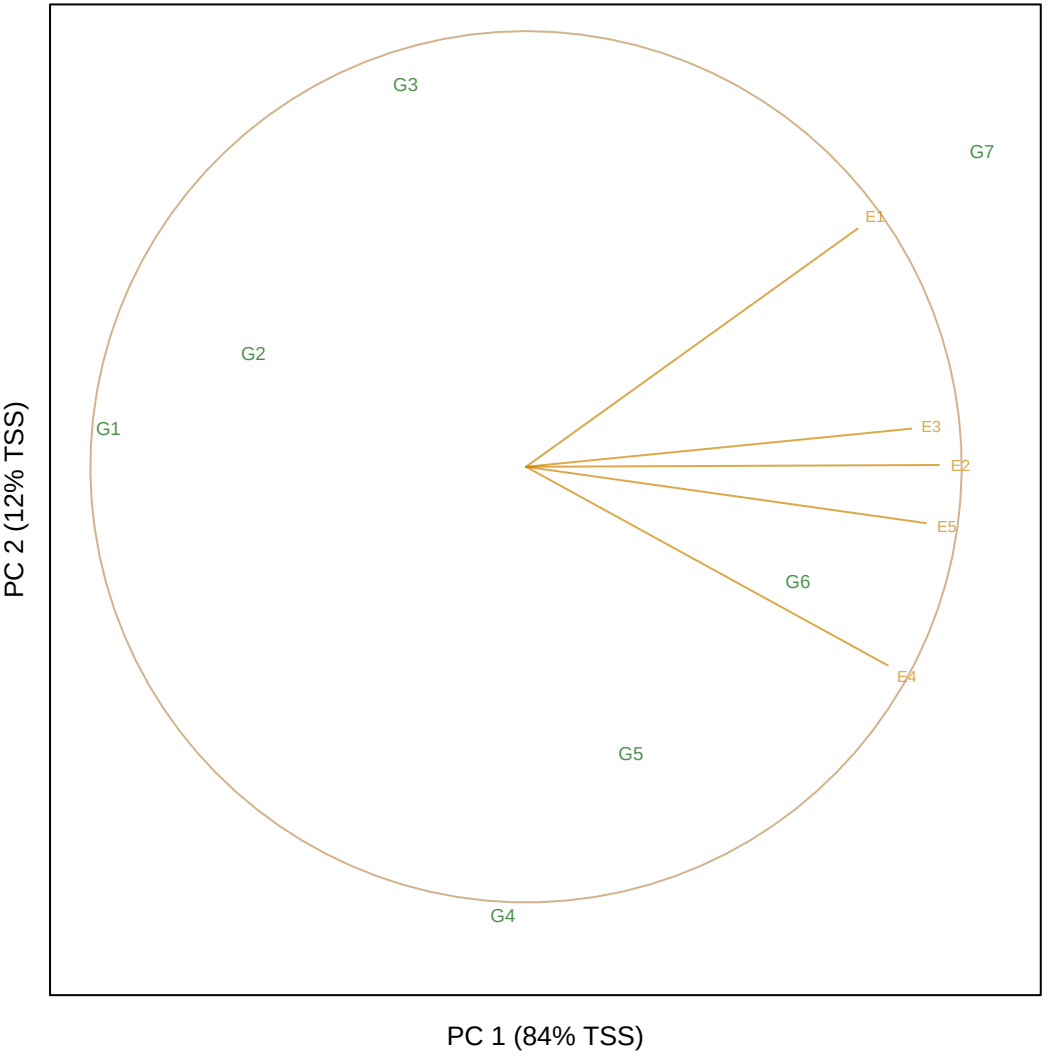
Example biplot

GGE biplot, method=svd, center=TRUE, scale=TRUE, missing: 0%

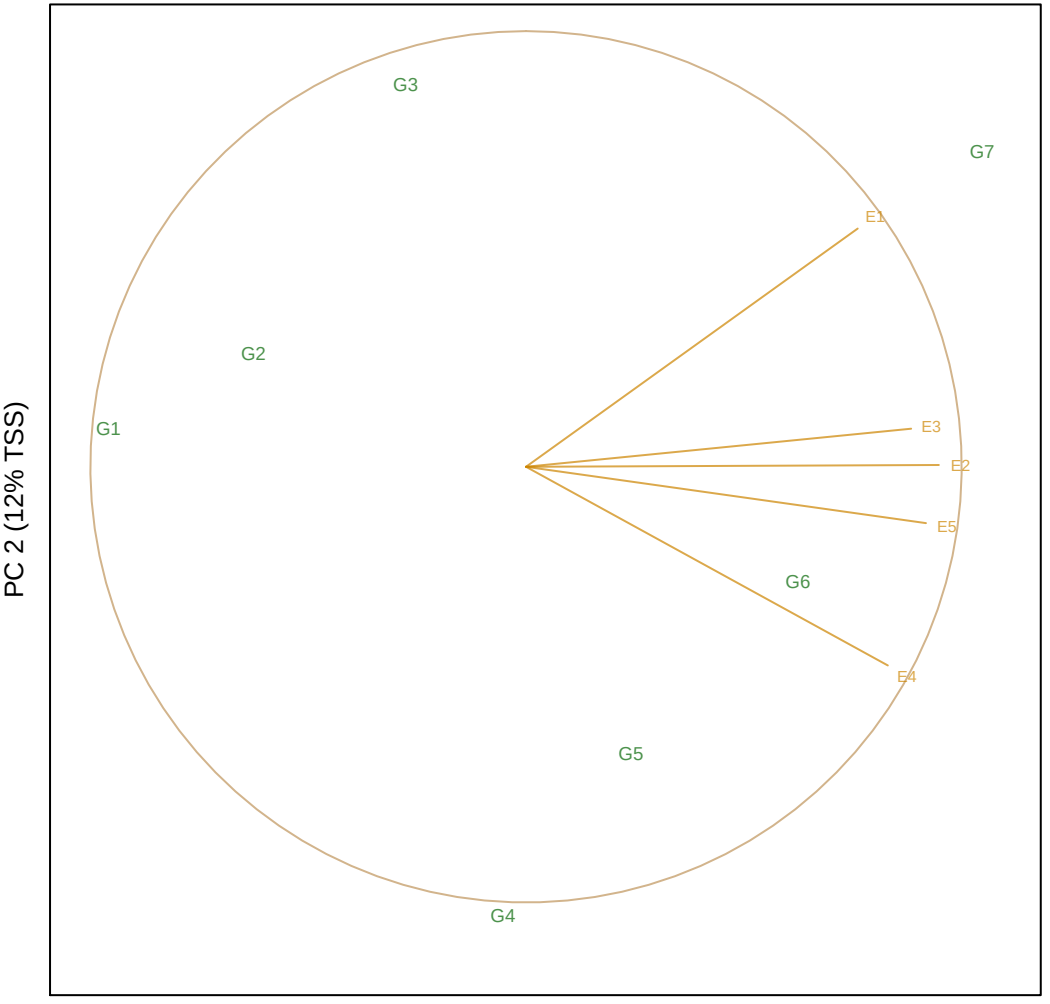


Example biplot

GGE biplot, method=svd, center=TRUE, scale=TRUE, missing: 0%

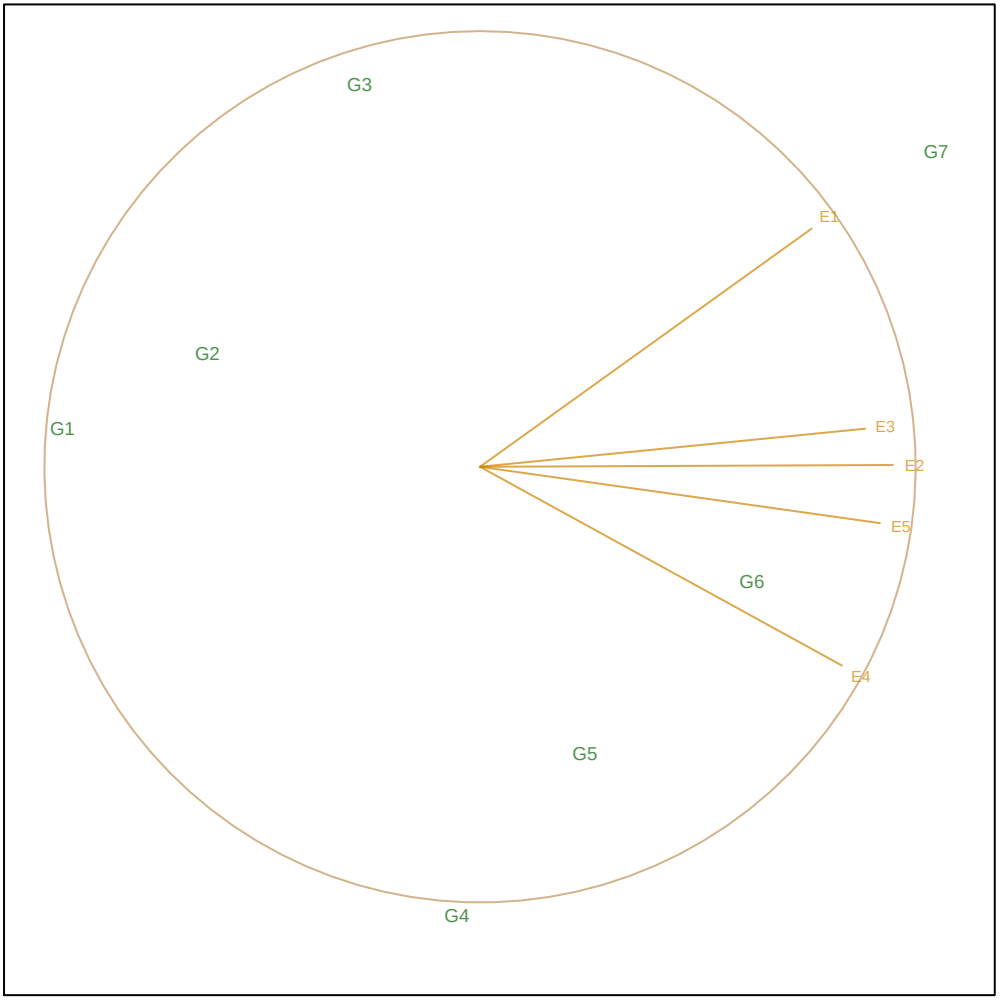


m11



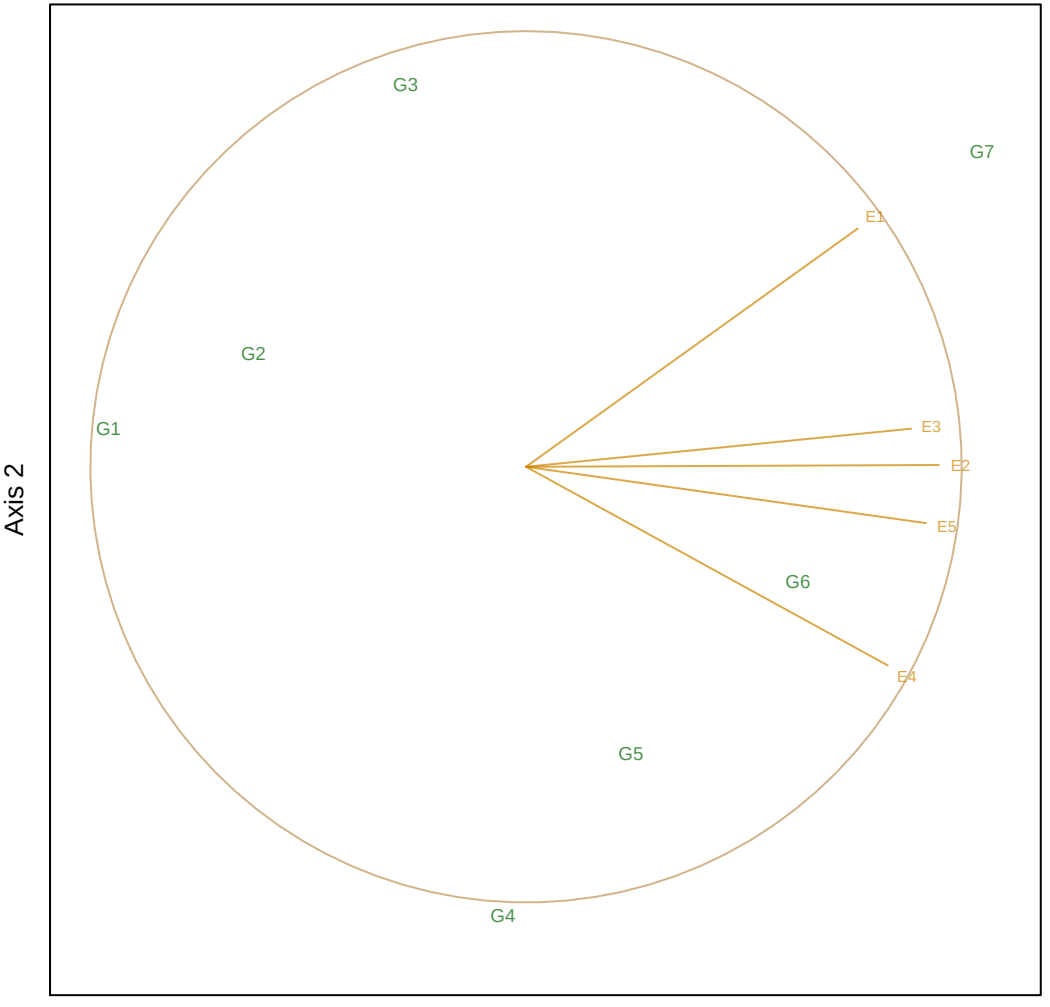
m11

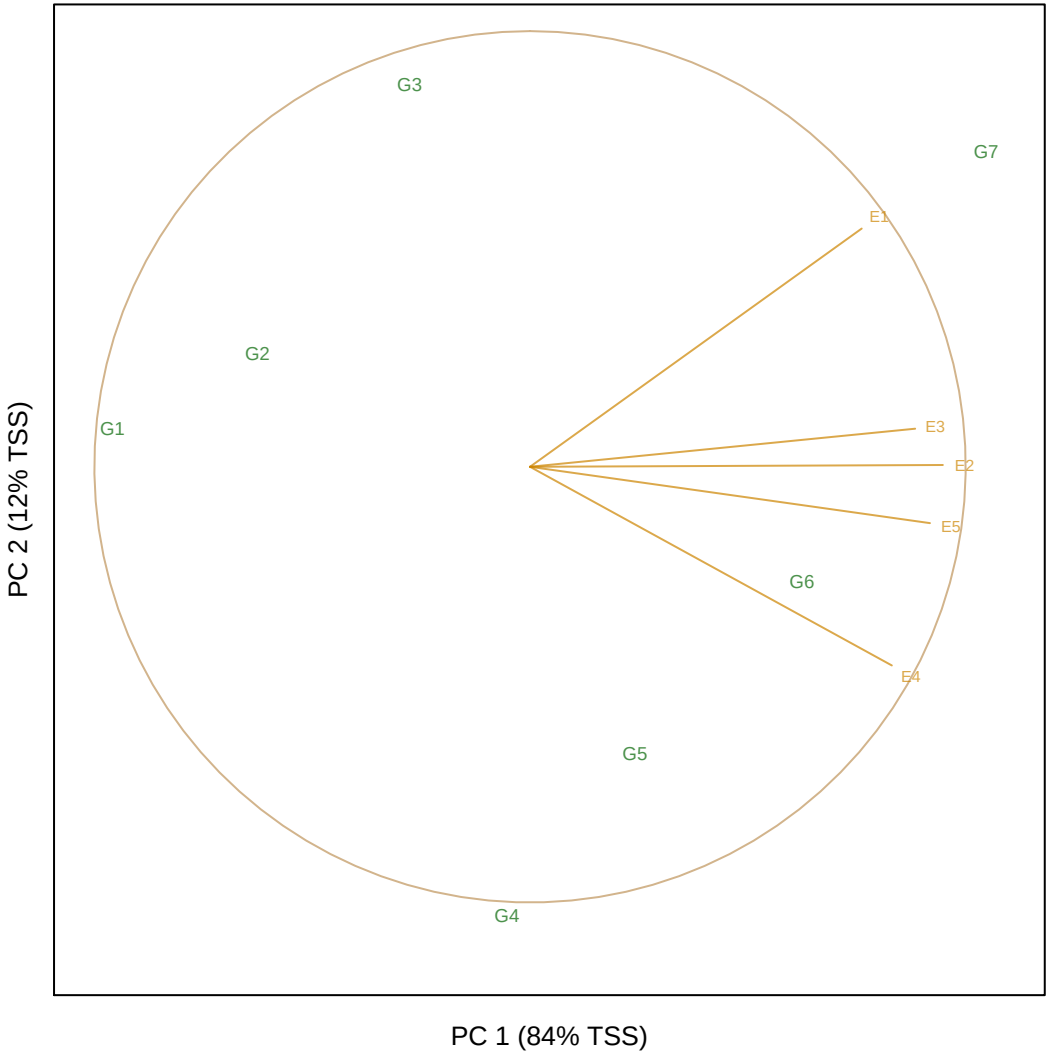
method=svd, center=TRUE, scale=TRUE, missing: 0%

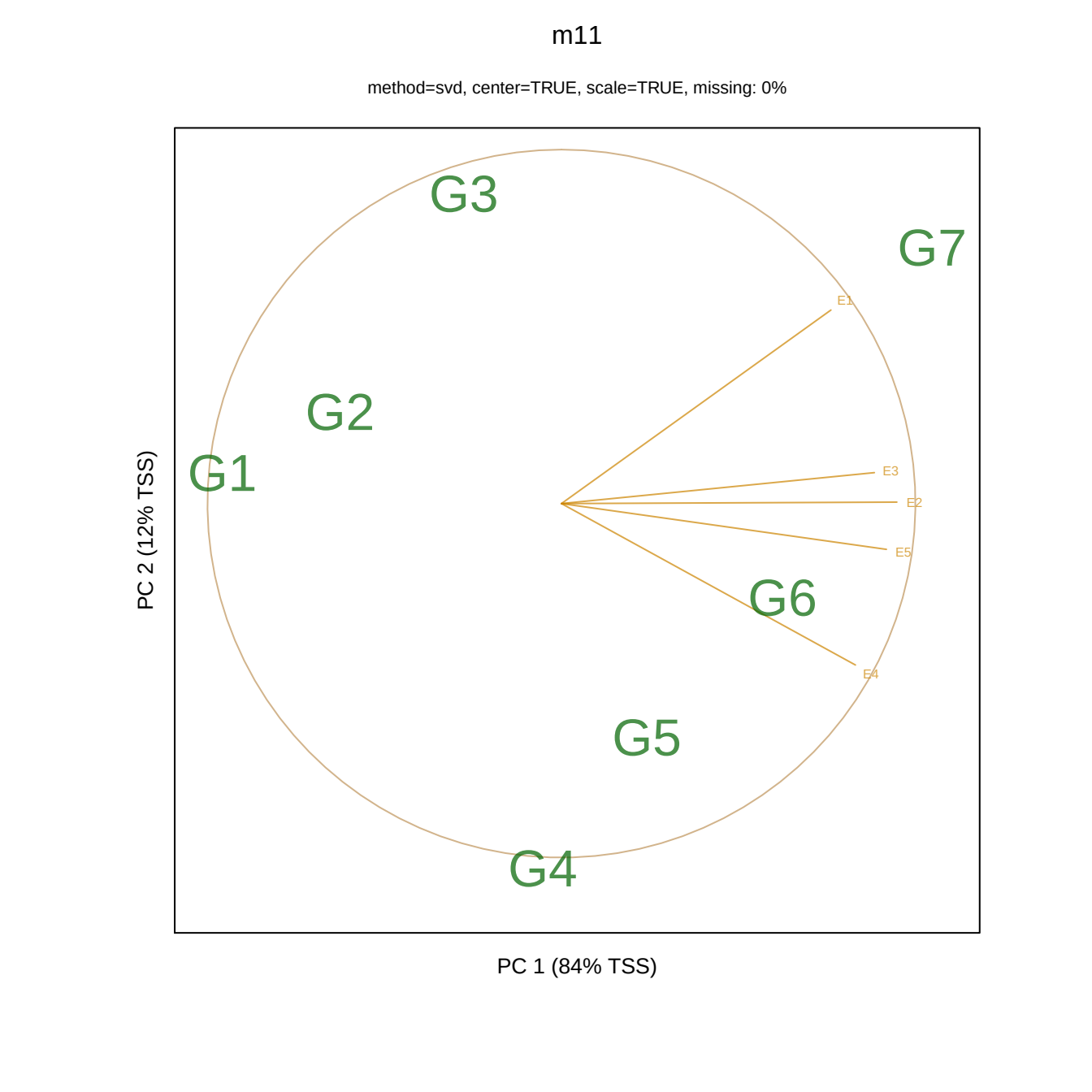


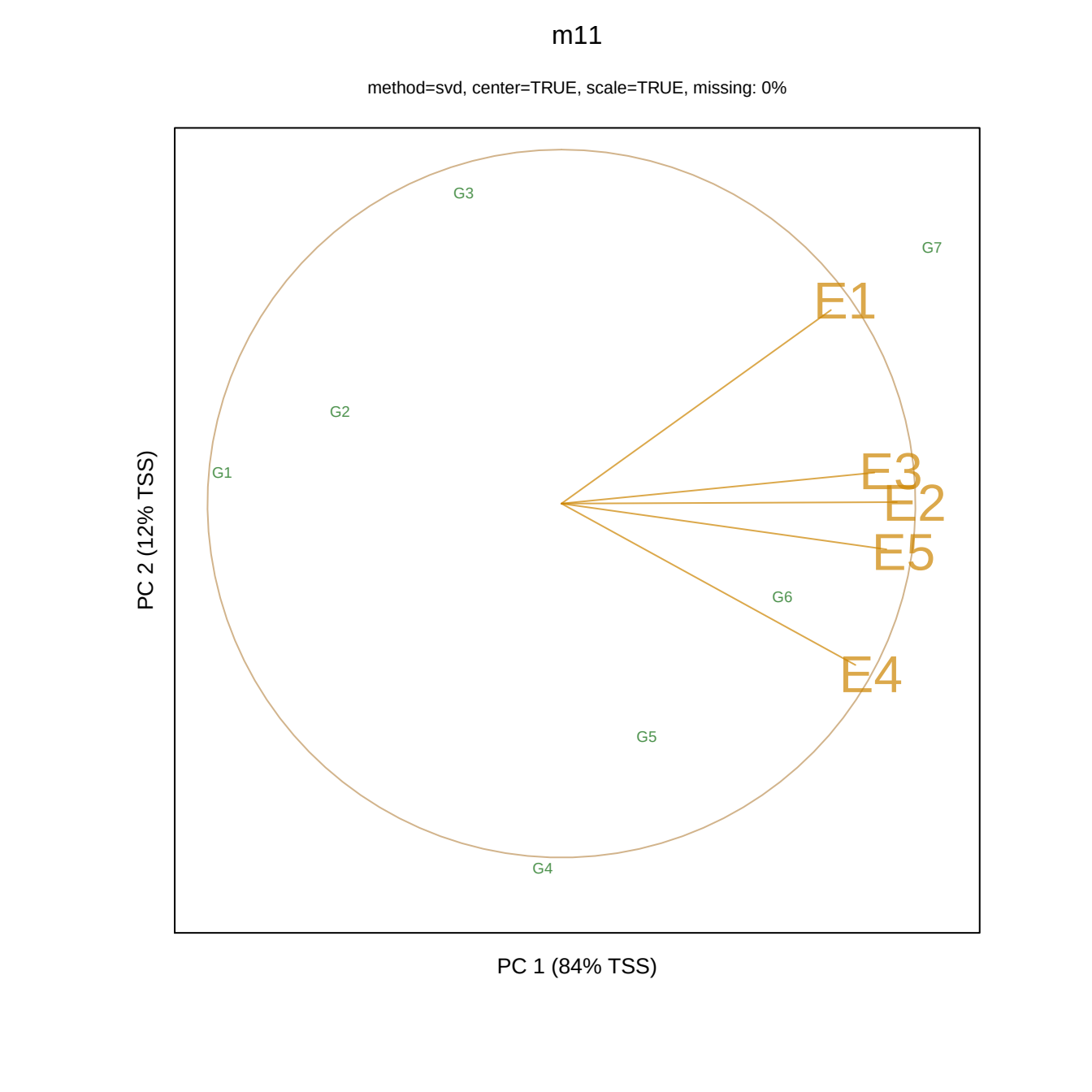
m11

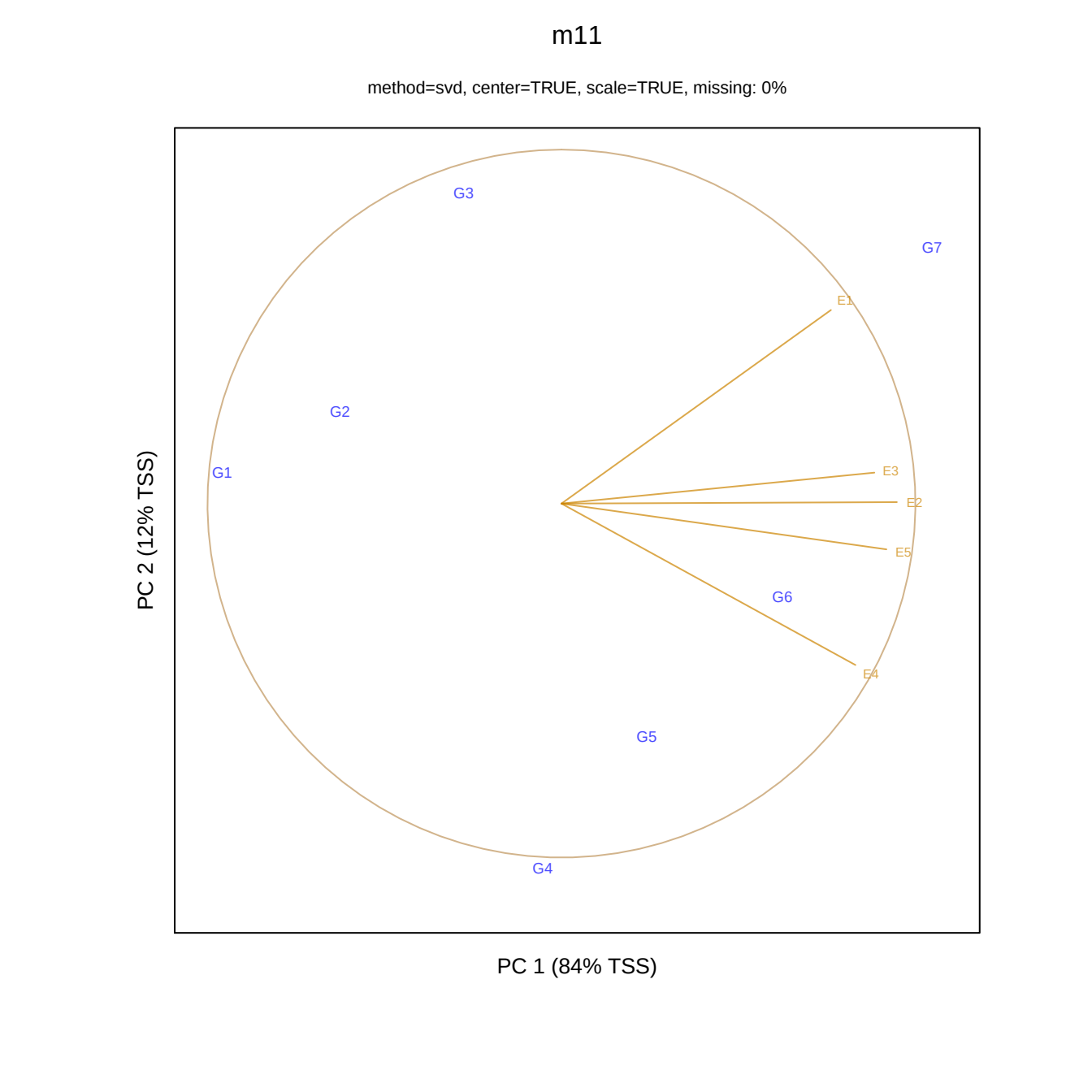
method=svd, center=TRUE, scale=TRUE, missing: 0%

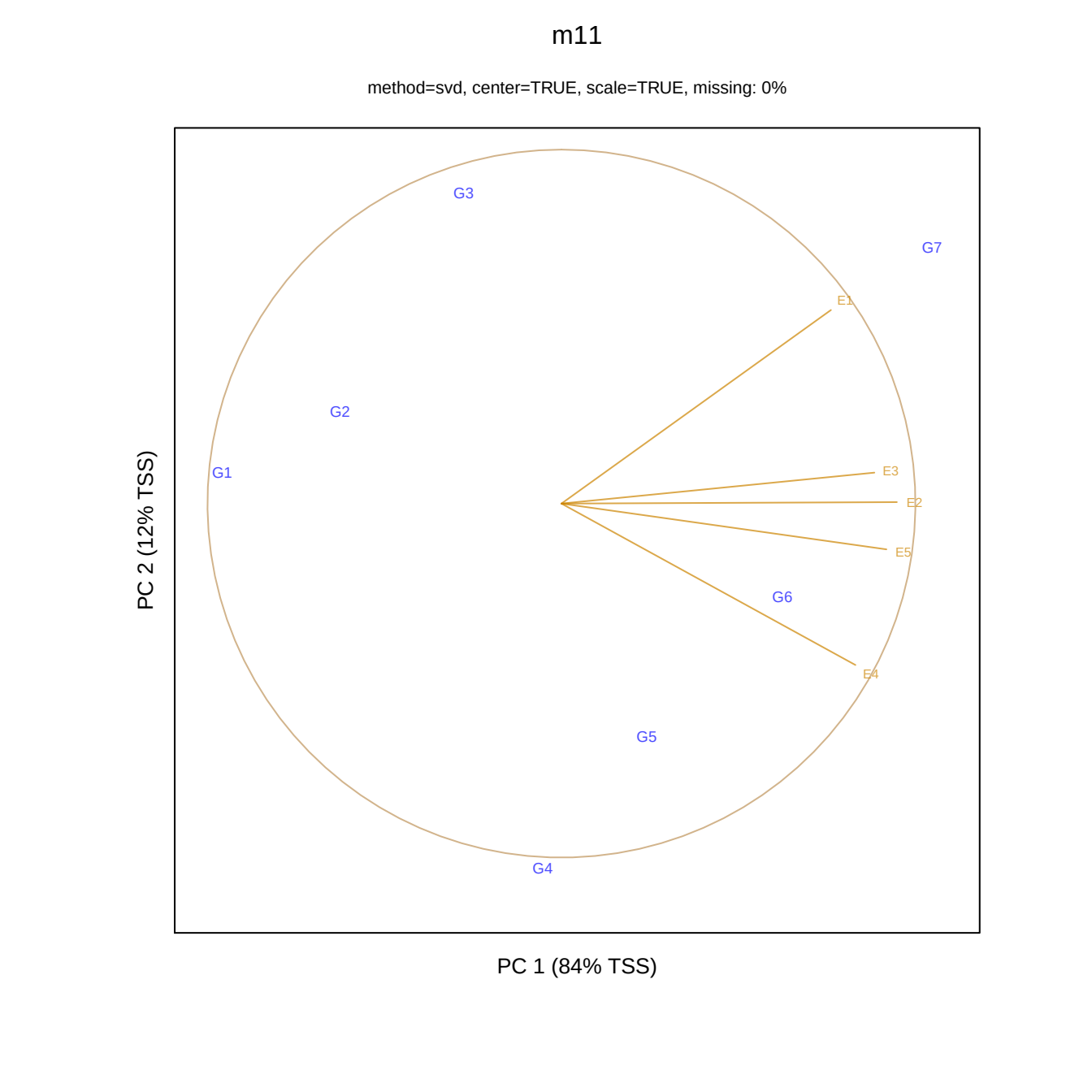


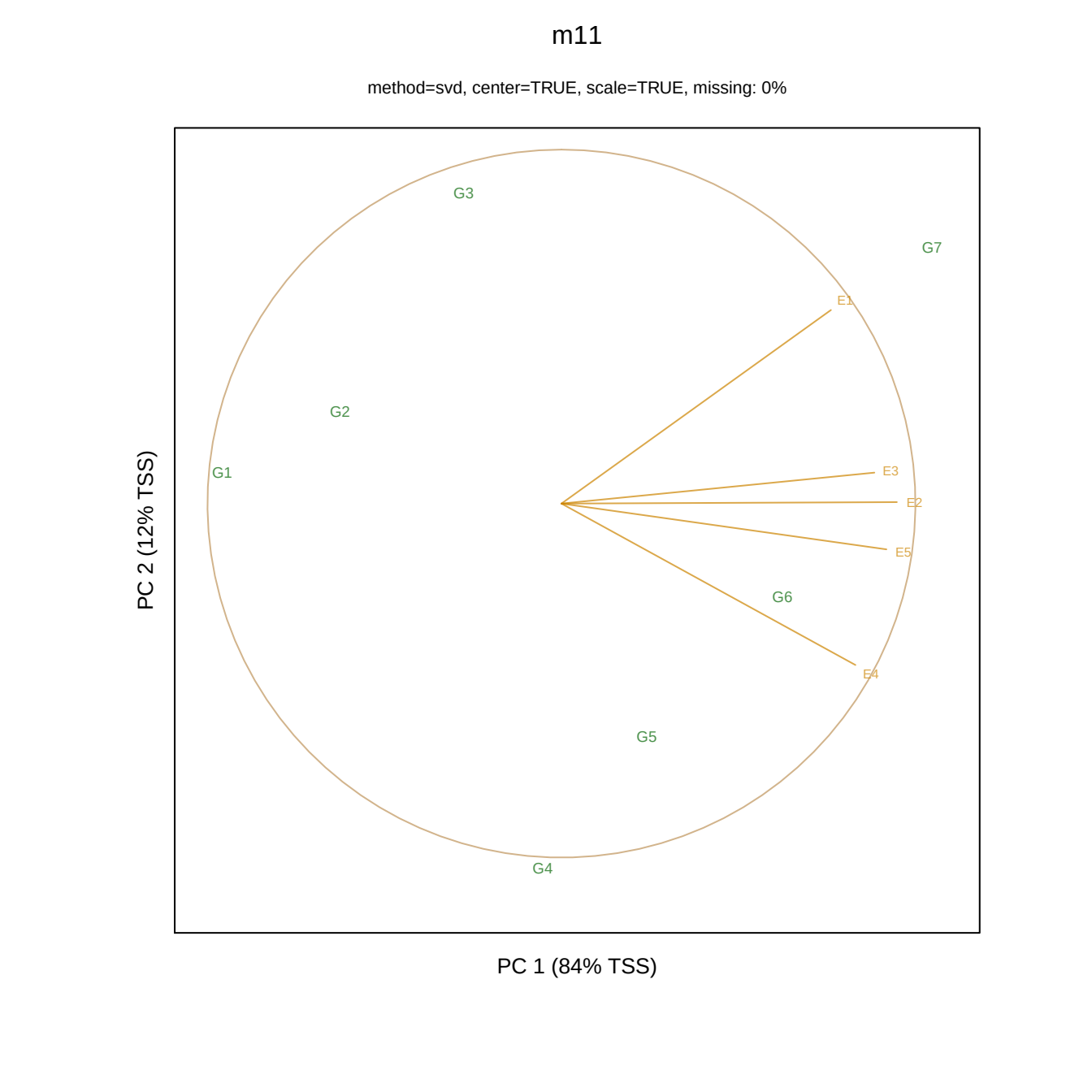

G3
G7
E1
G2
G1
E3
E2
E5
G6
E4
G5
G4
PC 2 (12% TSS)
PC 1 (84% TSS)


m11
method=svd, center=TRUE, scale=TRUE, missing: 0%
G3
G7
G2
G1
G6
G5
G4
E1
E3
E2
E5
E4
PC 2 (12% TSS)
PC 1 (84% TSS)


m11
method=svd, center=TRUE, scale=TRUE, missing: 0%
G3
G7
E1
G2
G1
E3
E2
E5
G6
E4
G5
G4
PC 2 (12% TSS)
PC 1 (84% TSS)

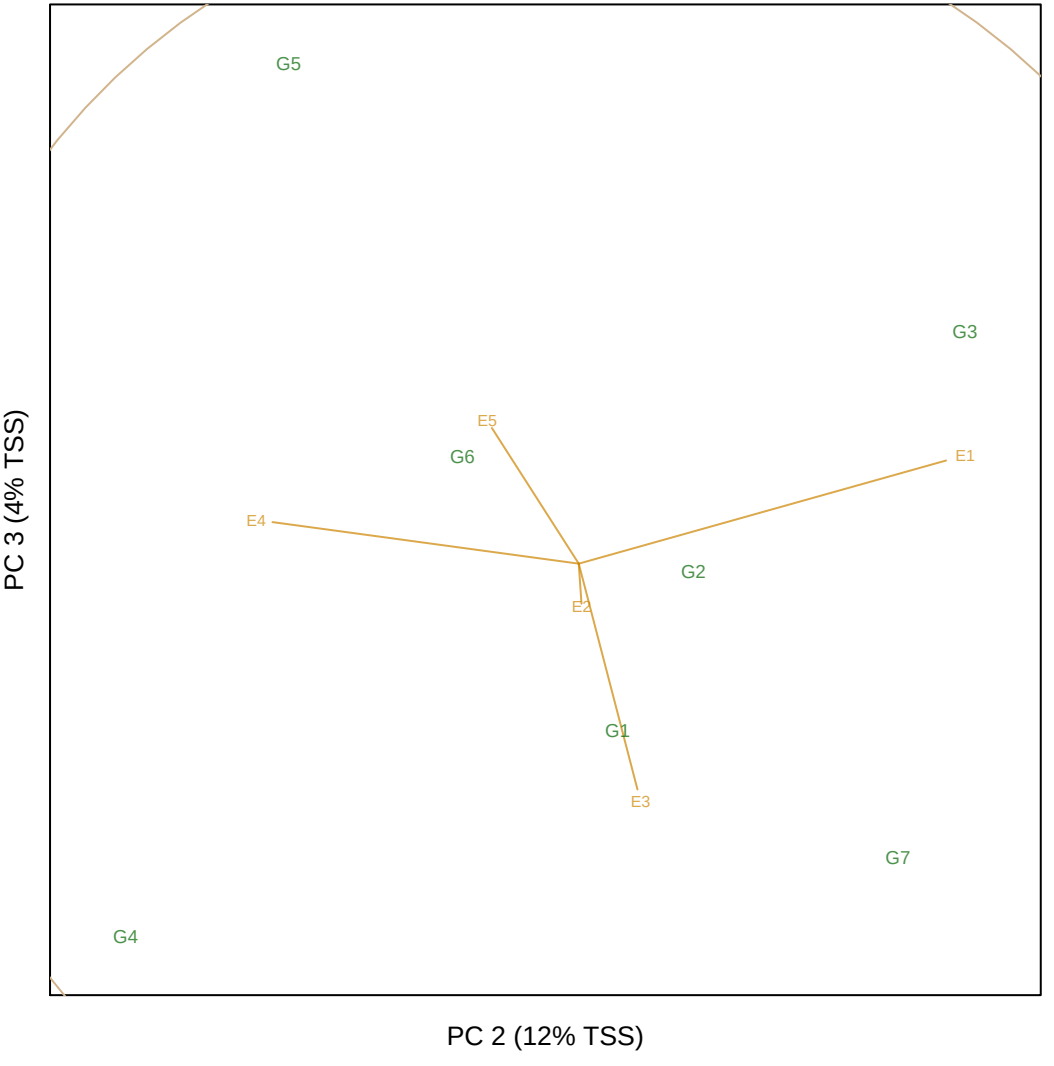

m11
method=svd, center=TRUE, scale=TRUE, missing: 0%
G3
G7
E1
G2
G1
E3
E2
E5
G6
E4
G5
G4
PC 2 (12% TSS)
PC 1 (84% TSS)

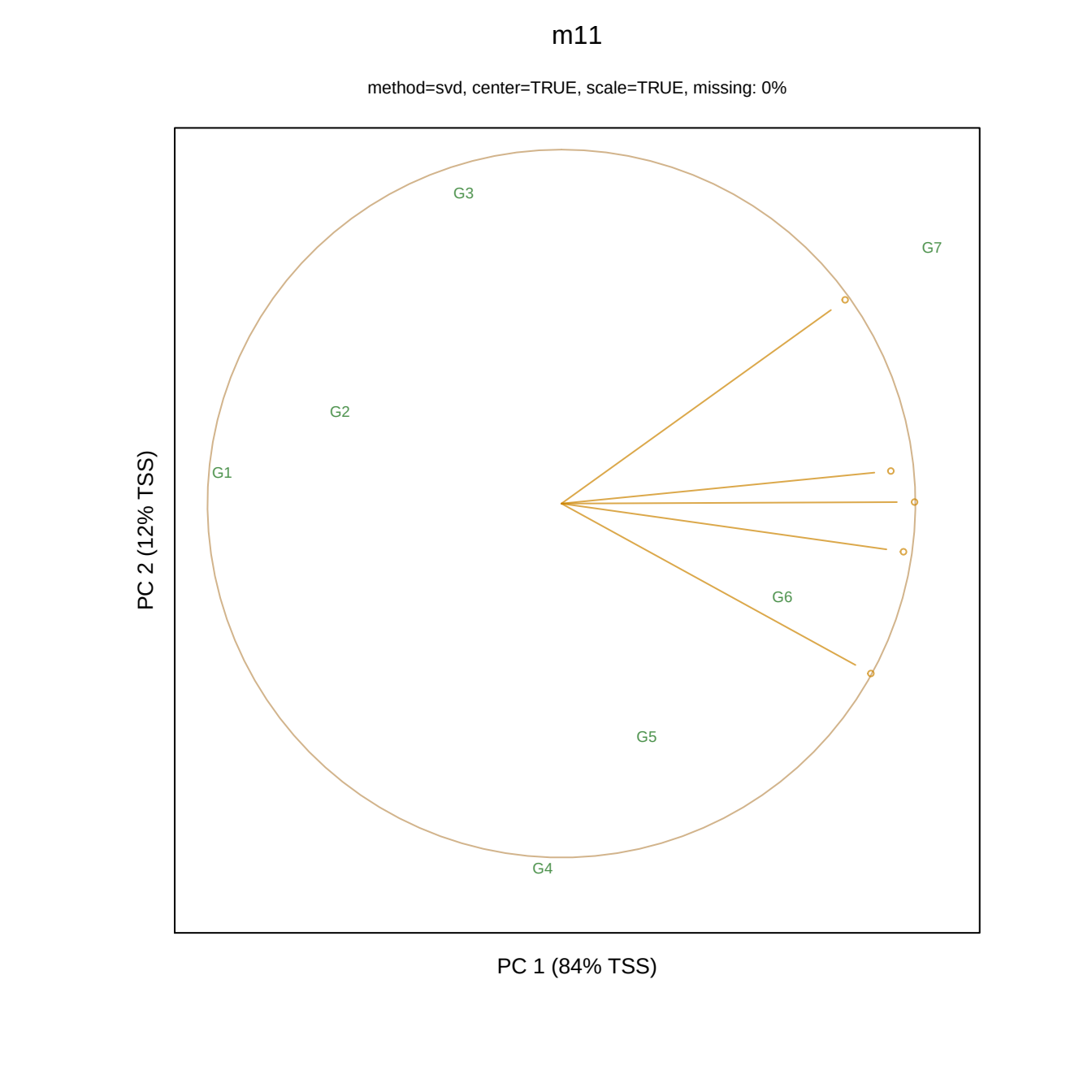

m11
method=svd, center=TRUE, scale=TRUE, missing: 0%
G3
G7
E1
G2
G1
E3
E2
E5
G6
E4
G5
G4
PC 2 (12% TSS)
PC 1 (84% TSS)


m11
method=svd, center=TRUE, scale=TRUE, missing: 0%
G3
G7
E1
G2
G1
E3
E2
E5
G6
E4
G5
G4
PC 2 (12% TSS)
PC 1 (84% TSS)

m11

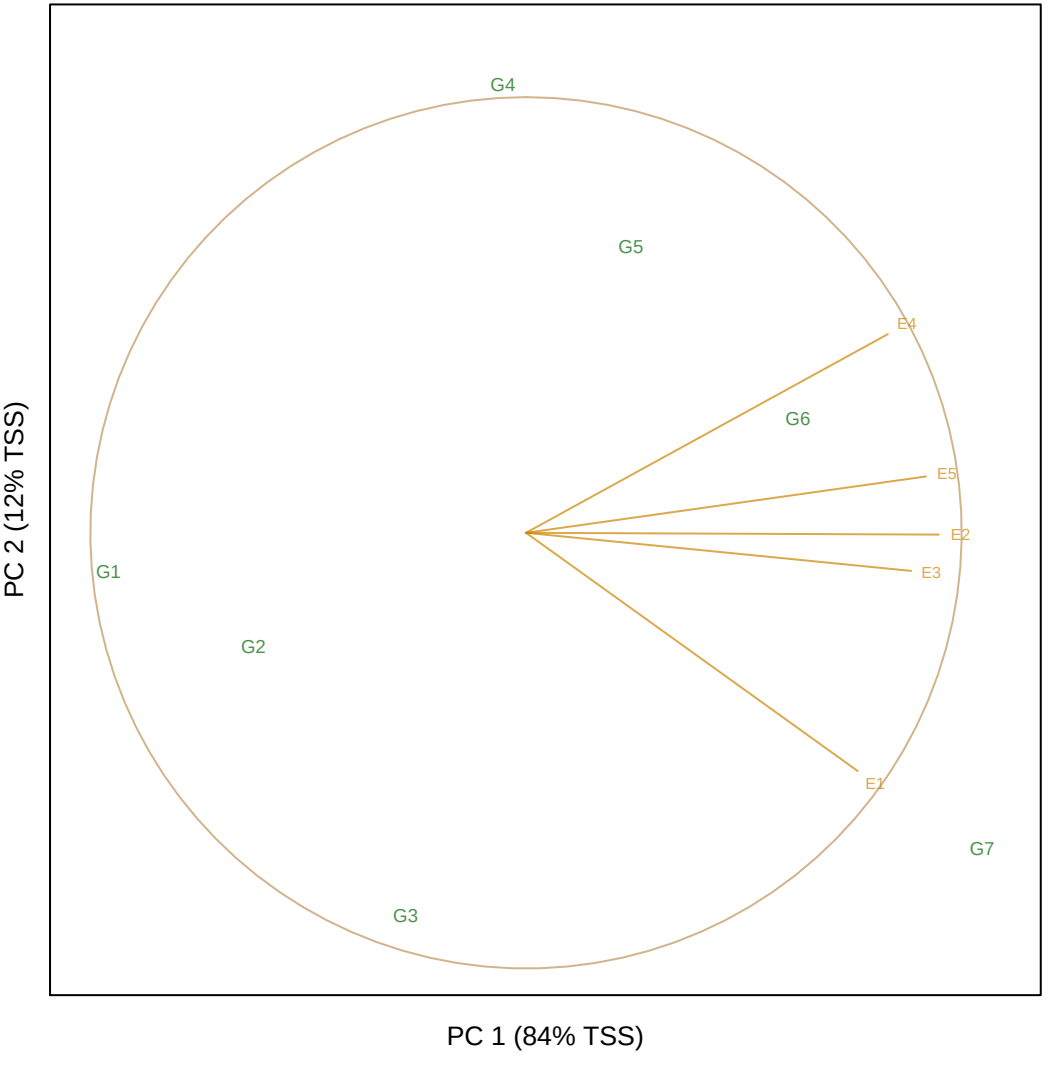
method=svd, center=TRUE, scale=TRUE, missing: 0%




m11
method=svd, center=TRUE, scale=TRUE, missing: 0%
G3
G7
G2
G1
G6
G5
G4
PC 2 (12% TSS)
PC 1 (84% TSS)

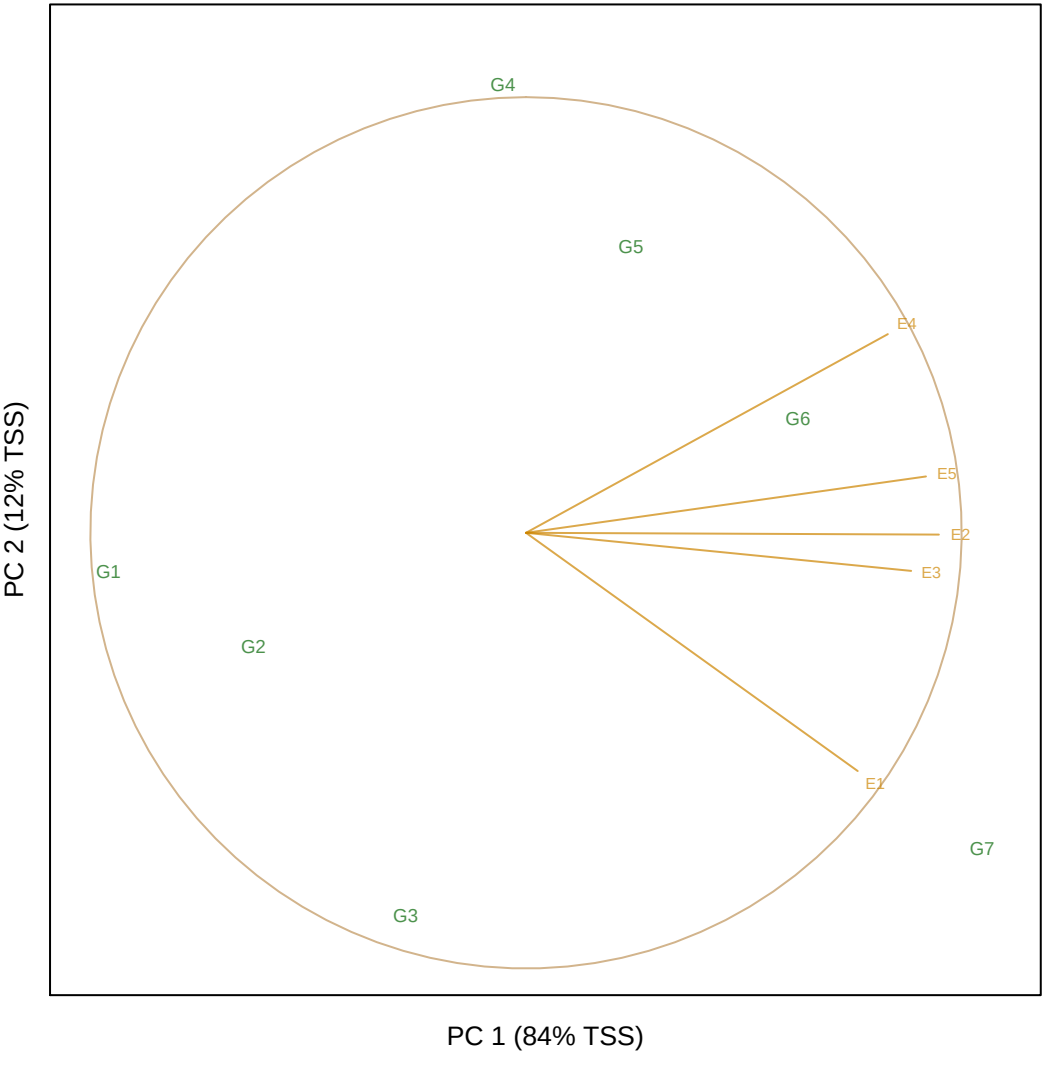
m11

method=svd, center=TRUE, scale=TRUE, missing: 0%



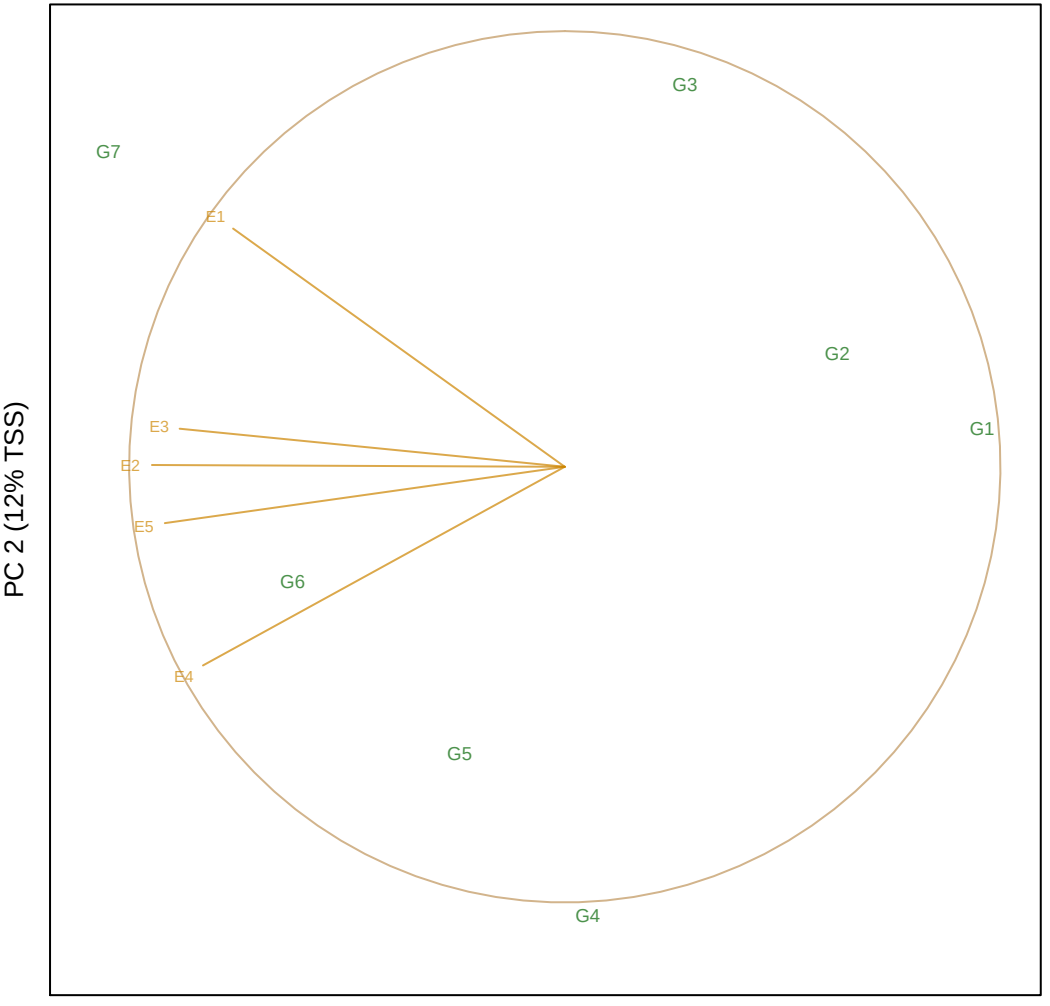
m11

method=svd, center=TRUE, scale=TRUE, missing: 0%



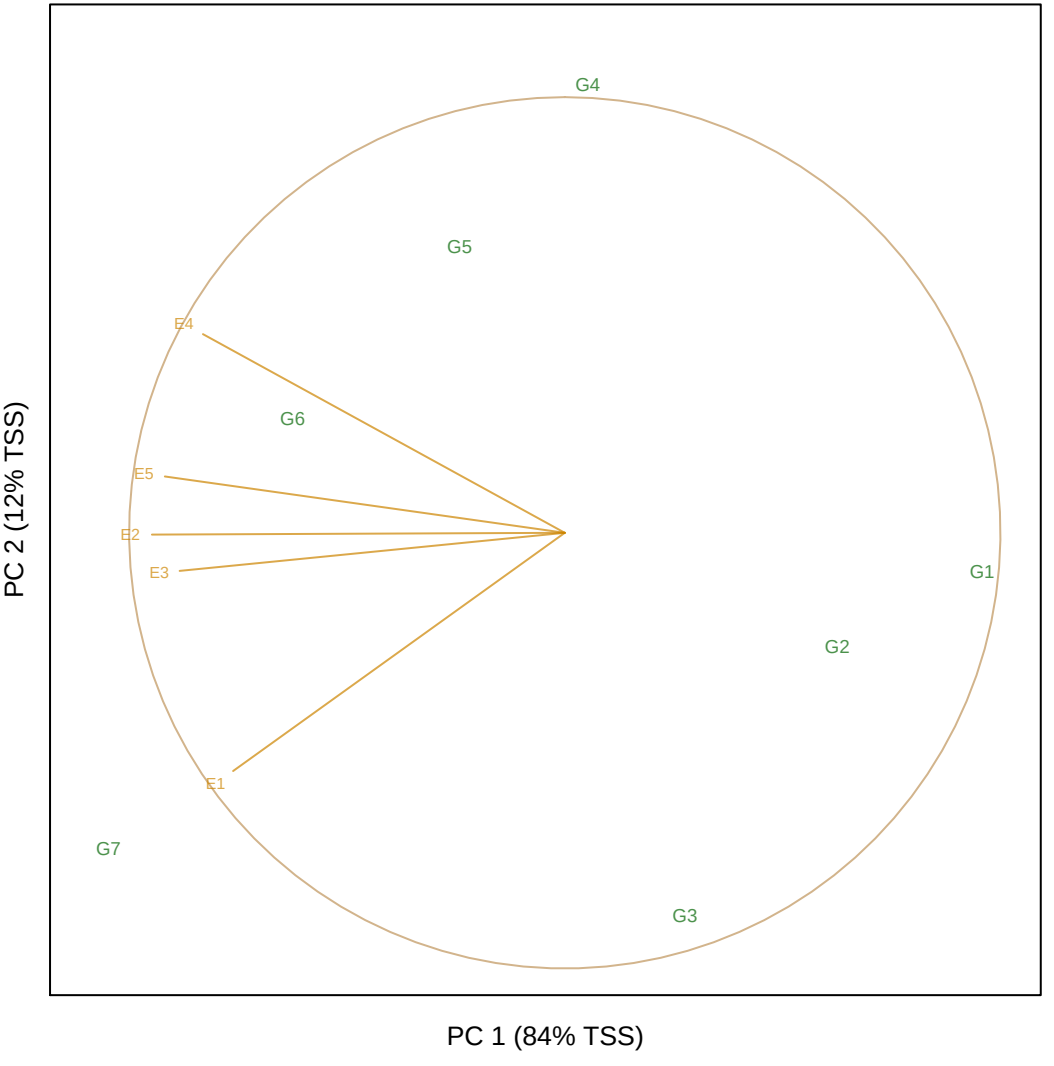
m11

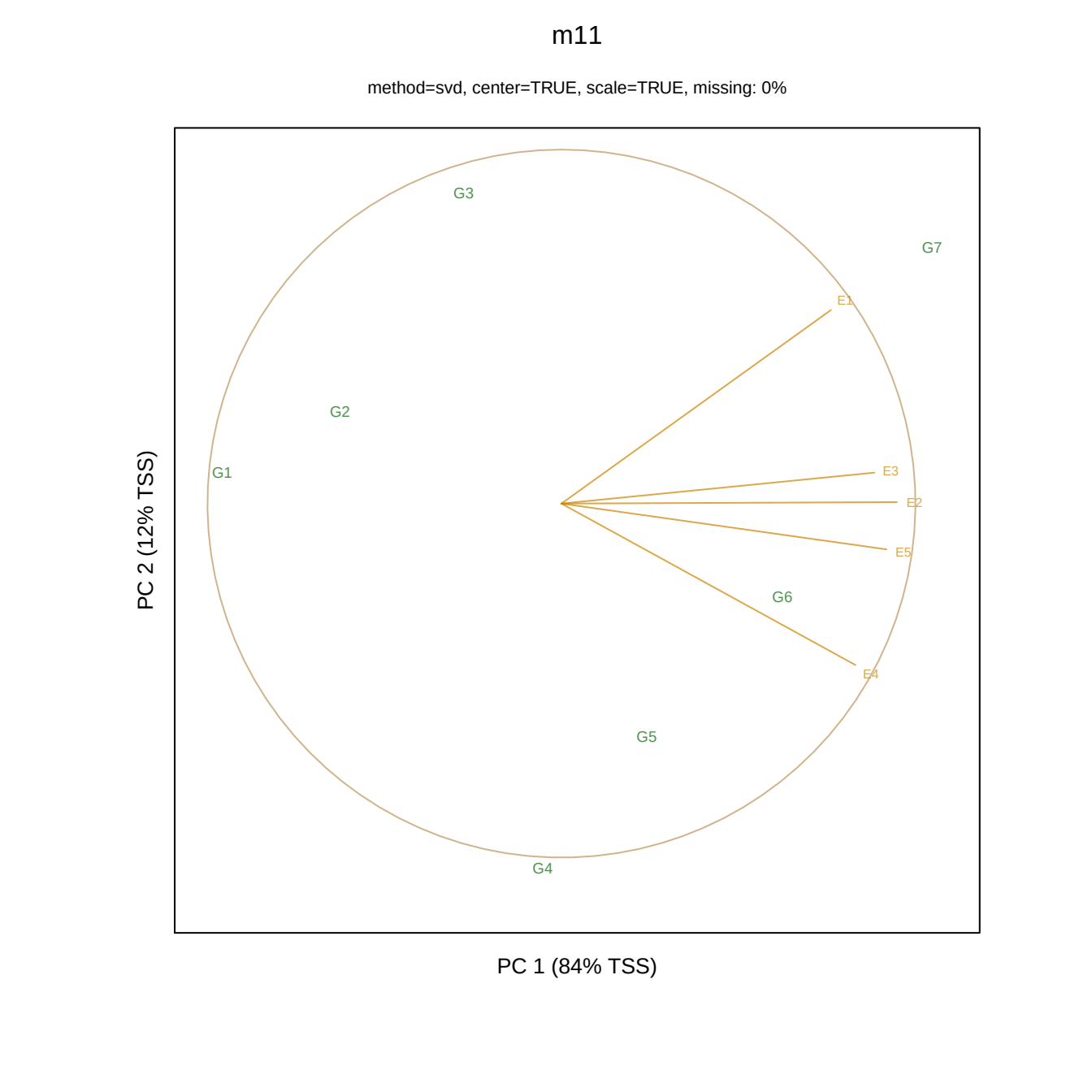
method=svd, center=TRUE, scale=TRUE, missing: 0%



m11

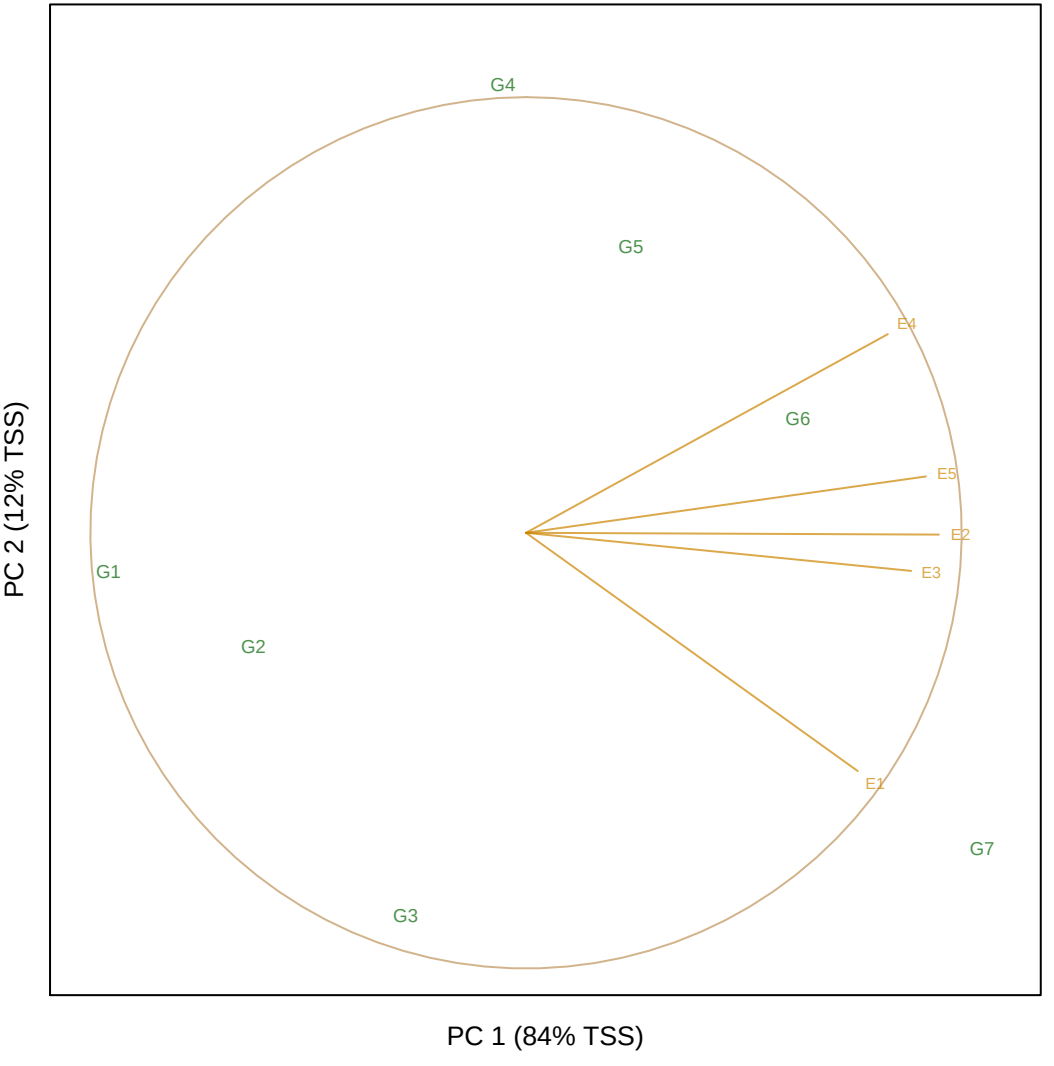
method=svd, center=TRUE, scale=TRUE, missing: 0%




m11
method=svd, center=TRUE, scale=TRUE, missing: 0%
G3
G7
E1
G2
G1
E3
E2
E5
G6
E4
G5
G4
PC 2 (12% TSS)
PC 1 (84% TSS)

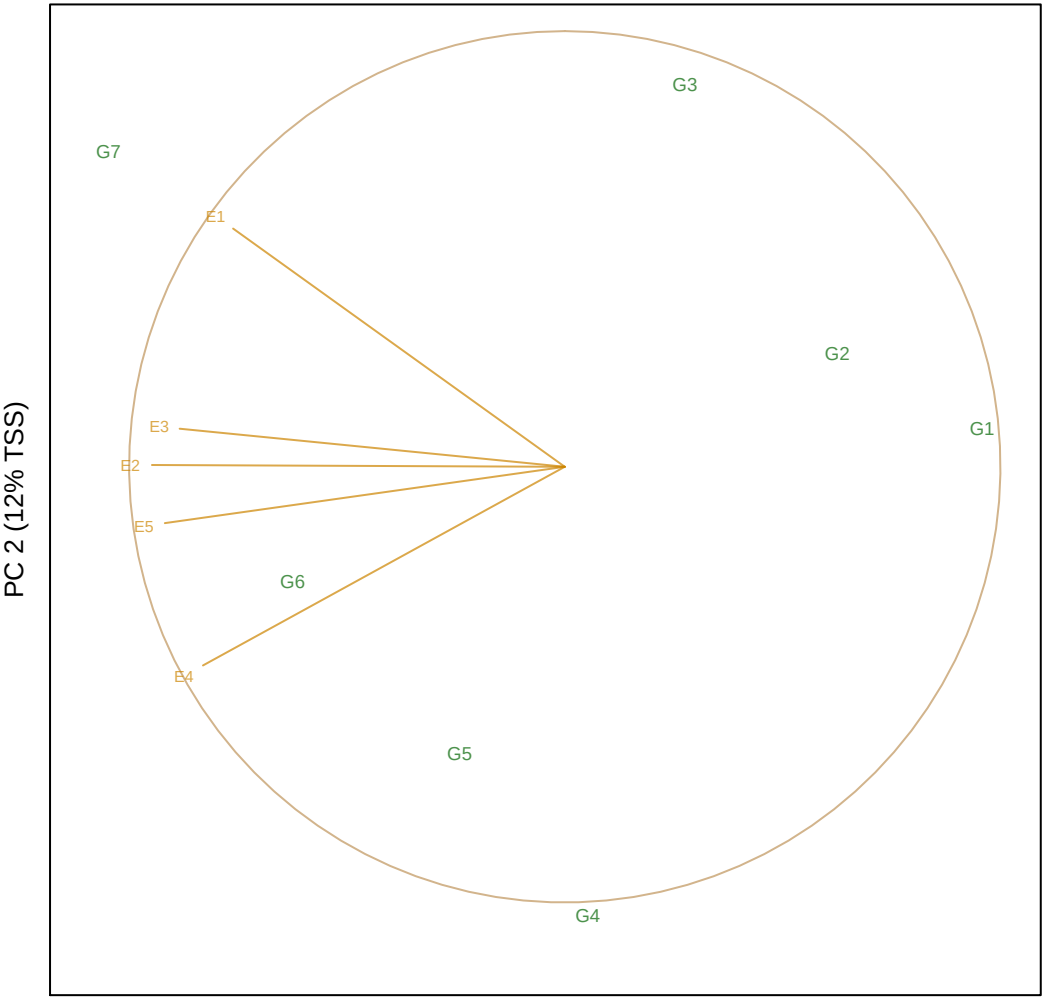
m11

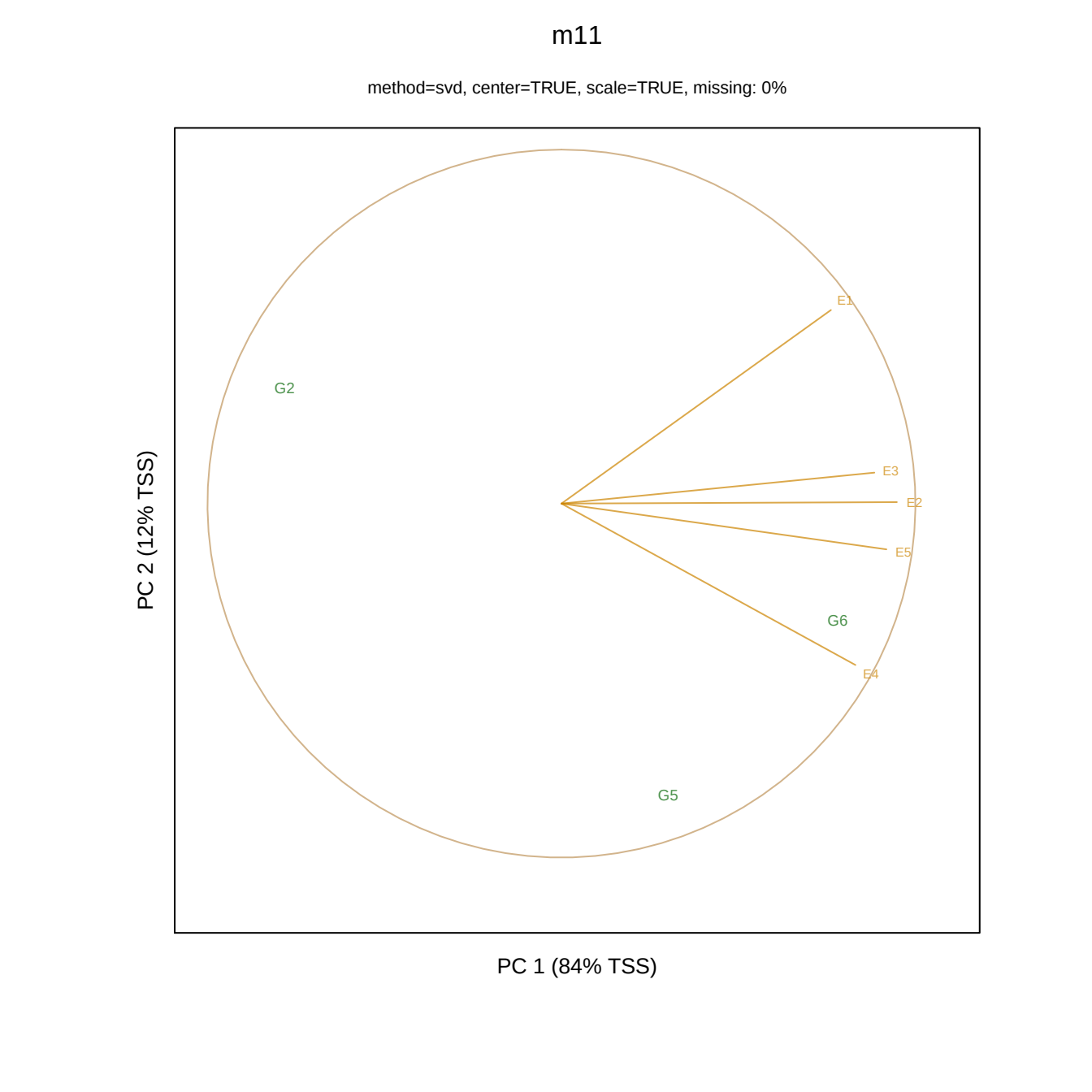
method=svd, center=TRUE, scale=TRUE, missing: 0%

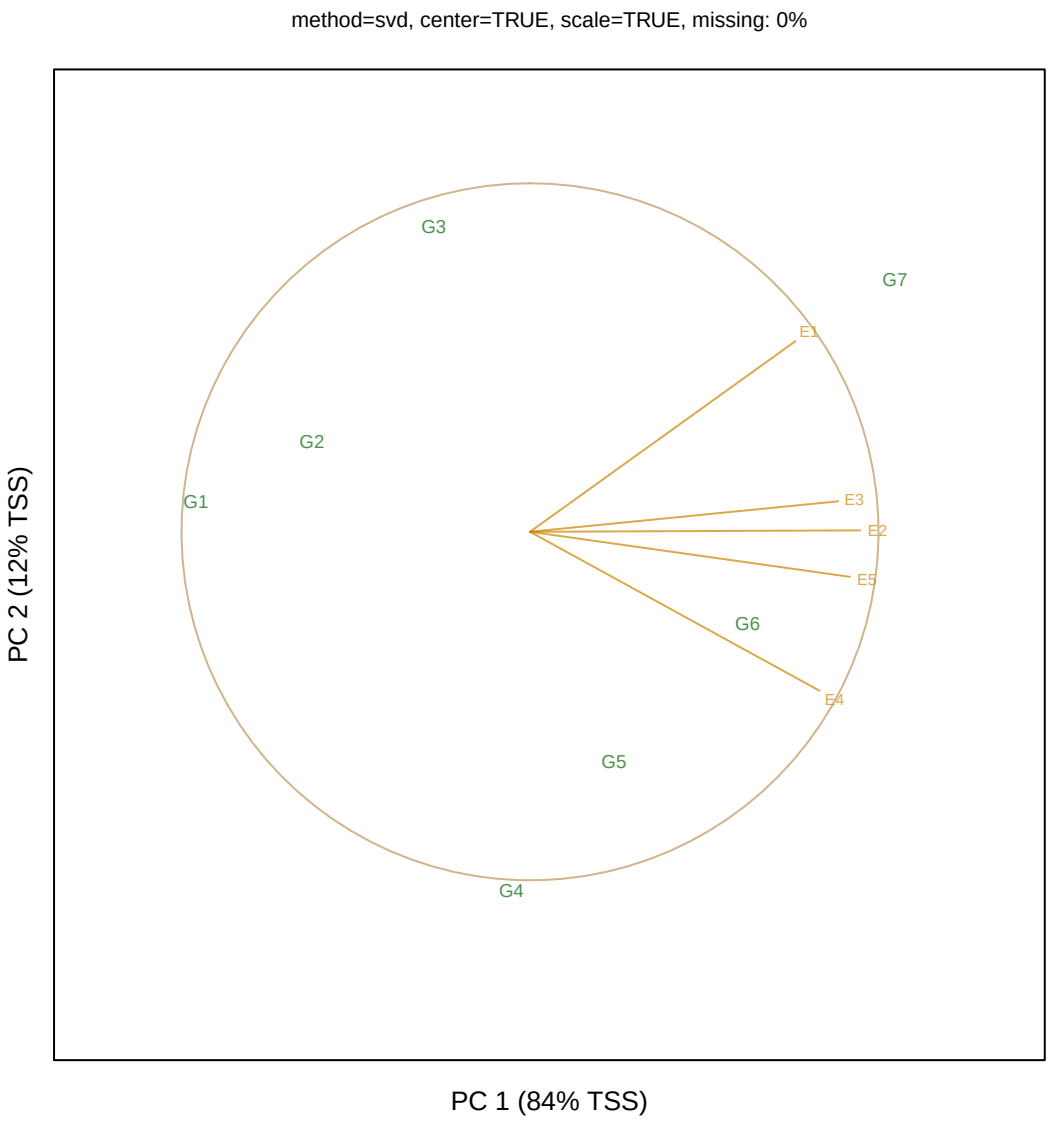


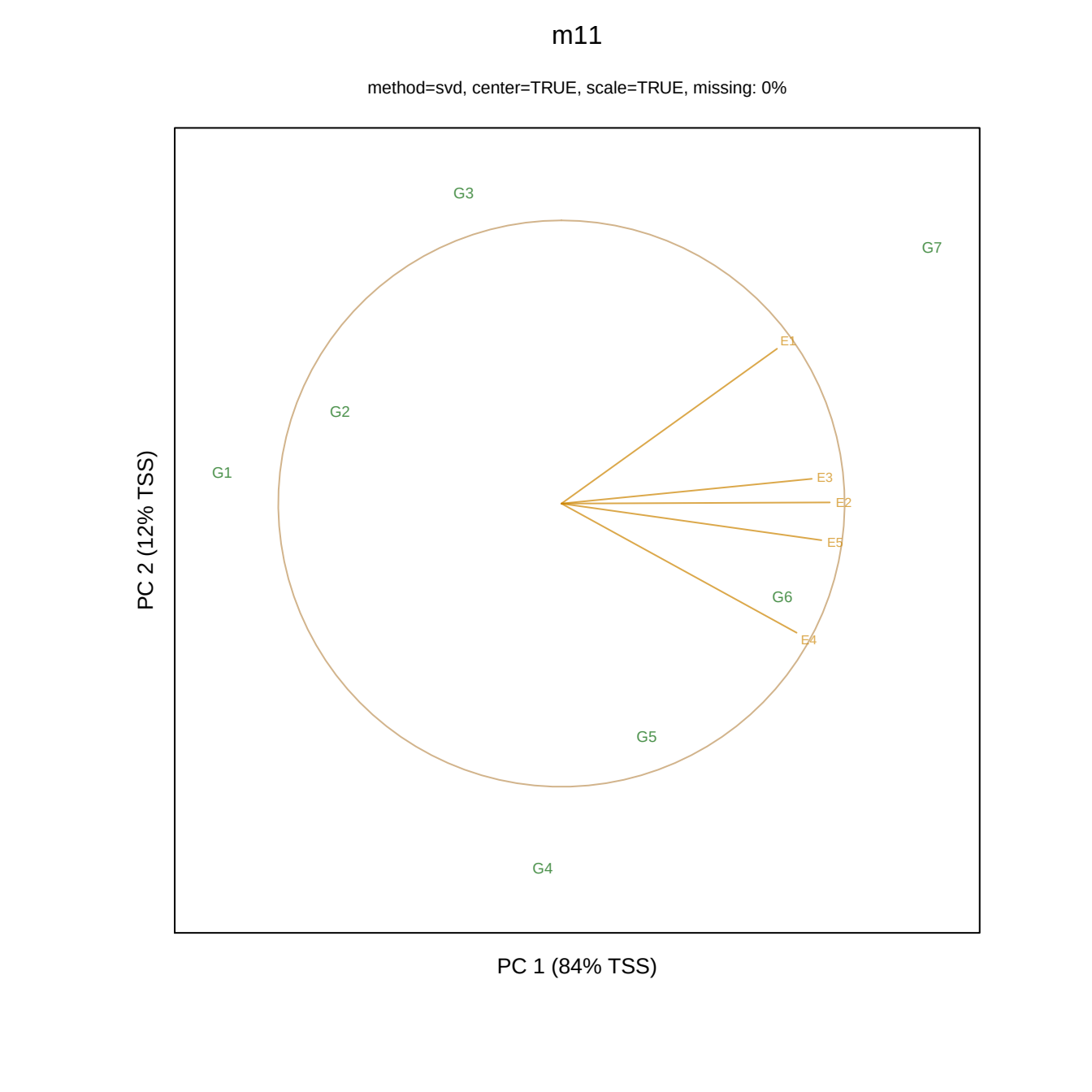
m11

method=svd, center=TRUE, scale=TRUE, missing: 0%



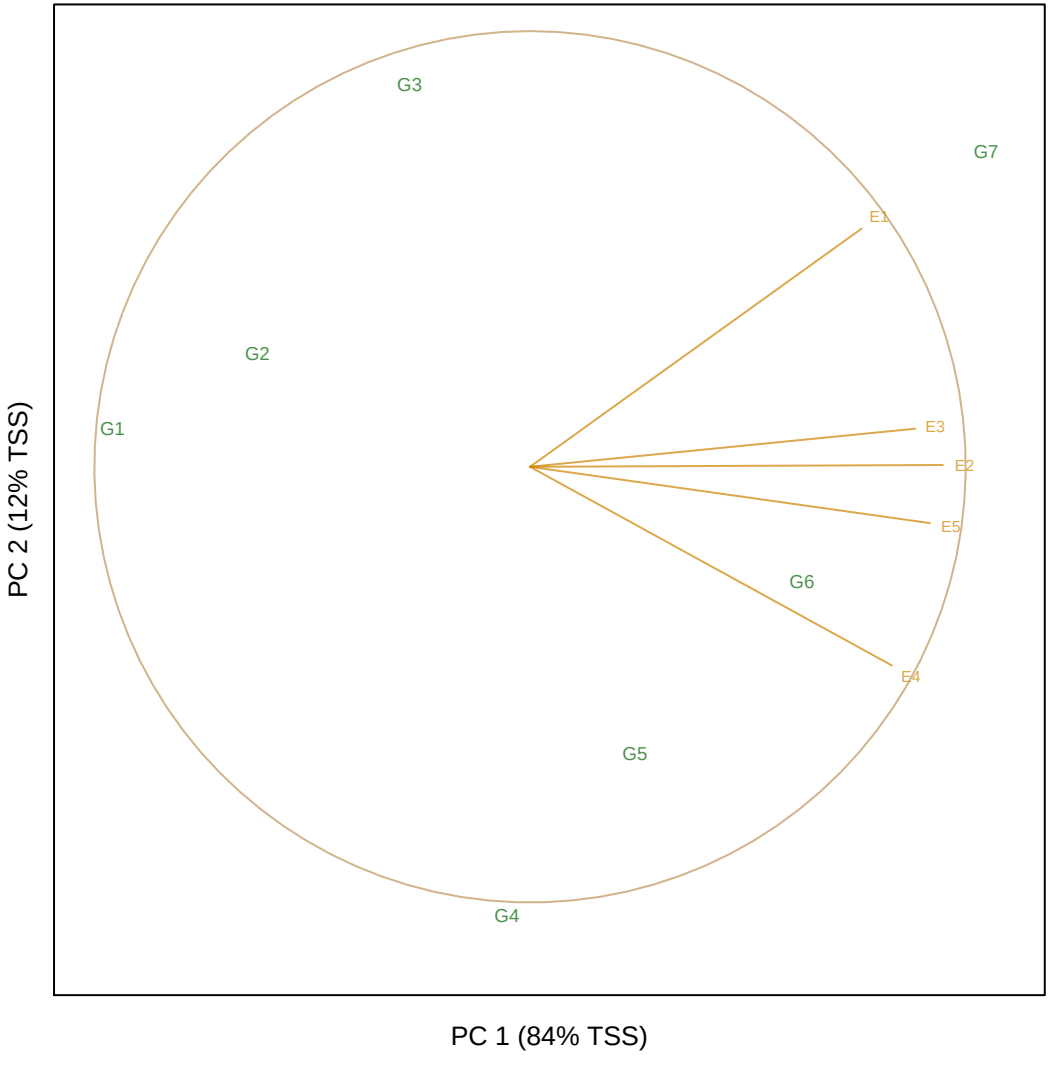

m11
method=svd, center=TRUE, scale=TRUE, missing: 0%
PC 2 (12% TSS)
PC 1 (84% TSS)
E1
E3
E2
E5
E4
G2
G6
G5


m11
method=svd, center=TRUE, scale=TRUE, missing: 0%
PC 2 (12% TSS)
PC 1 (84% TSS)
G1
G2
G3
G4
G5
G6
G7
E1
E2
E3
E4
E5


m11
method=svd, center=TRUE, scale=TRUE, missing: 0%
G3
G7
E1
G2
G1
E3
E2
E5
G6
E4
G5
G4
PC 2 (12% TSS)
PC 1 (84% TSS)

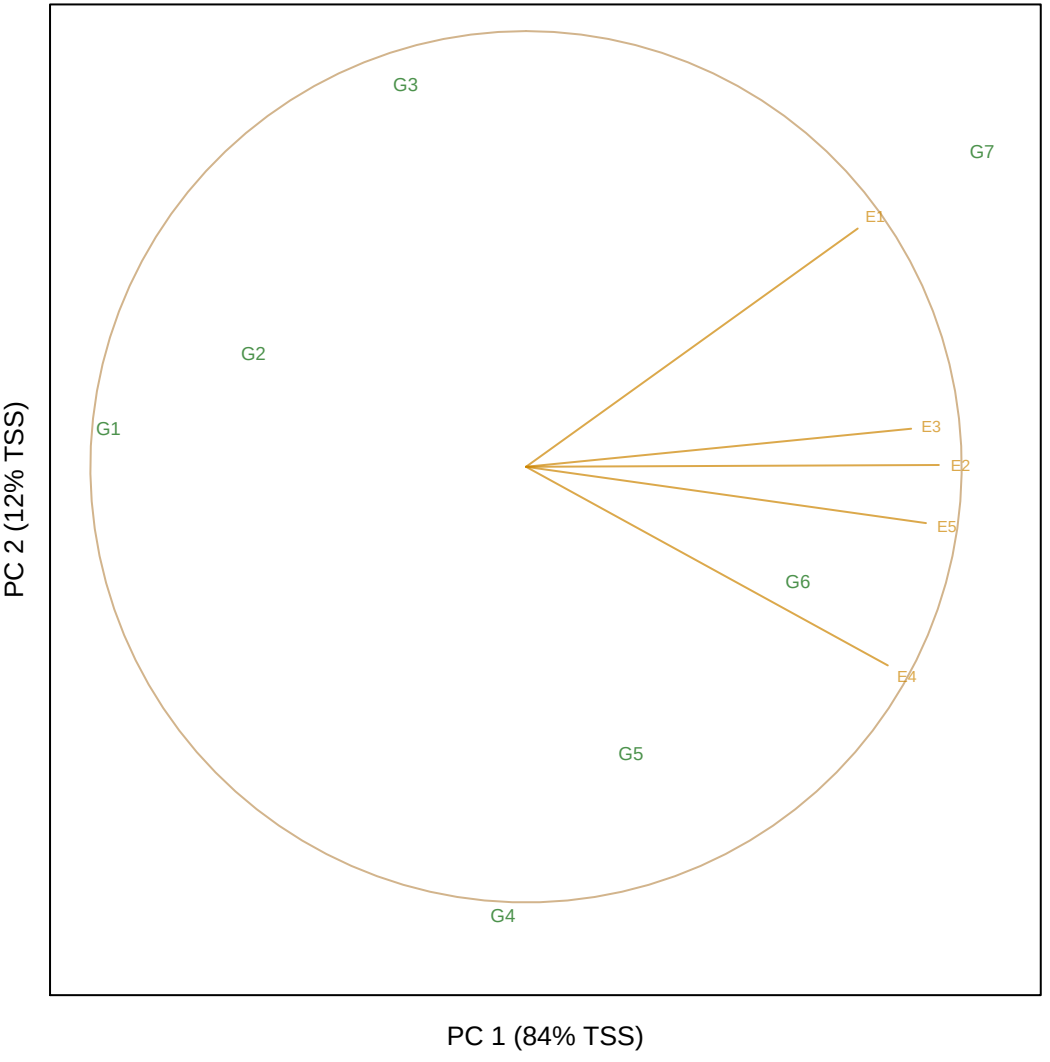
m31

method=svd, center=TRUE, scale=TRUE, missing: 0%



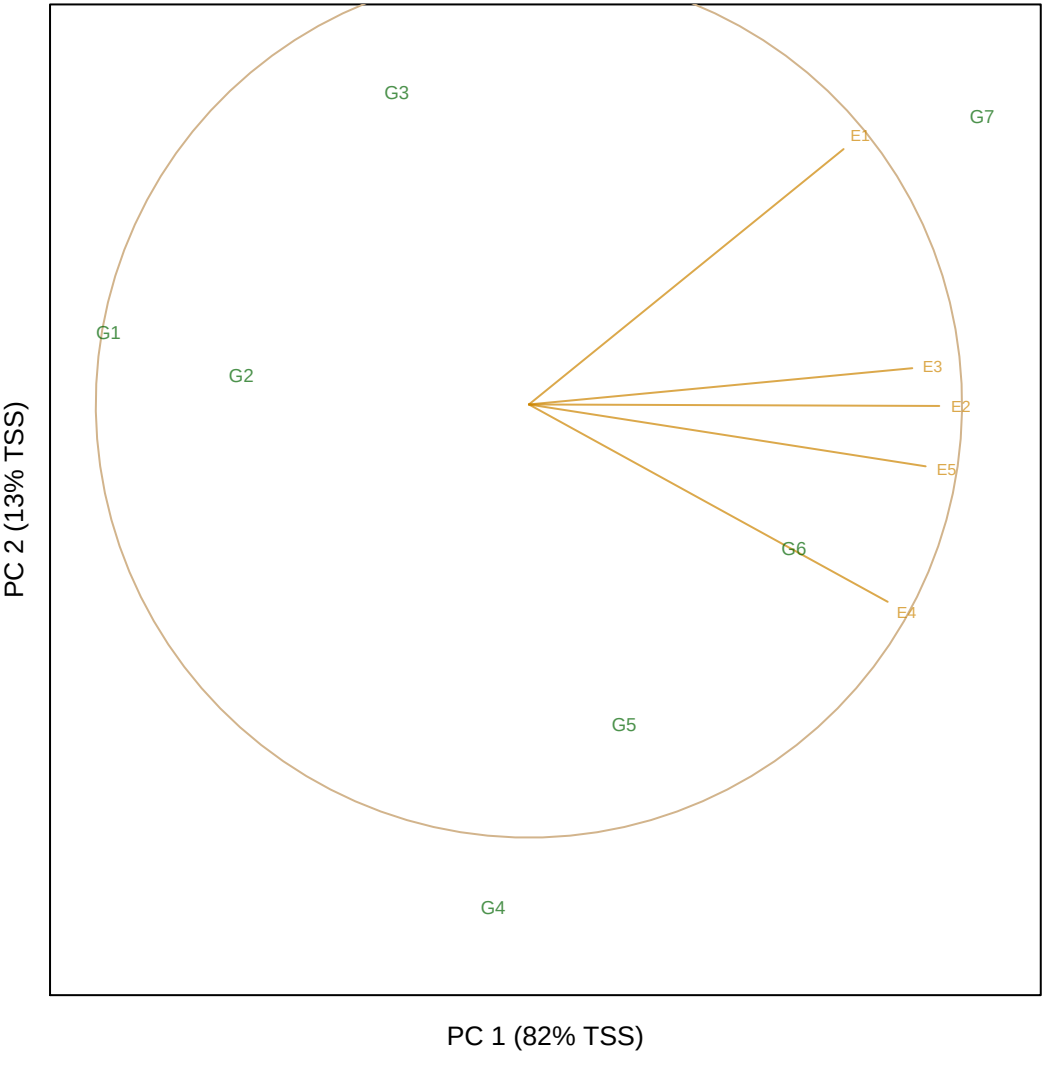
m32

method=nipals, center=TRUE, scale=TRUE, missing: 0%



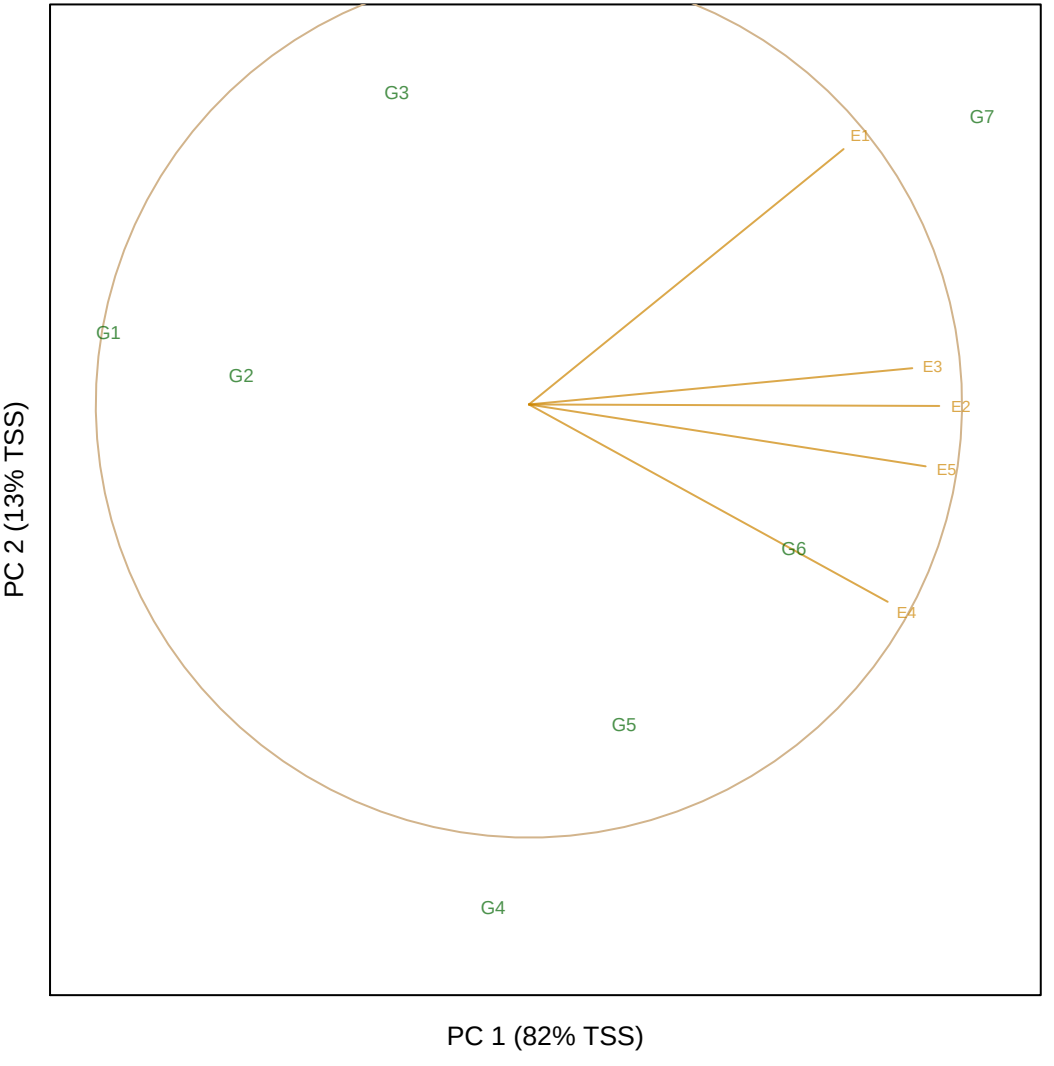
m34

method=nipals, center=TRUE, scale=TRUE, missing: 2.9%



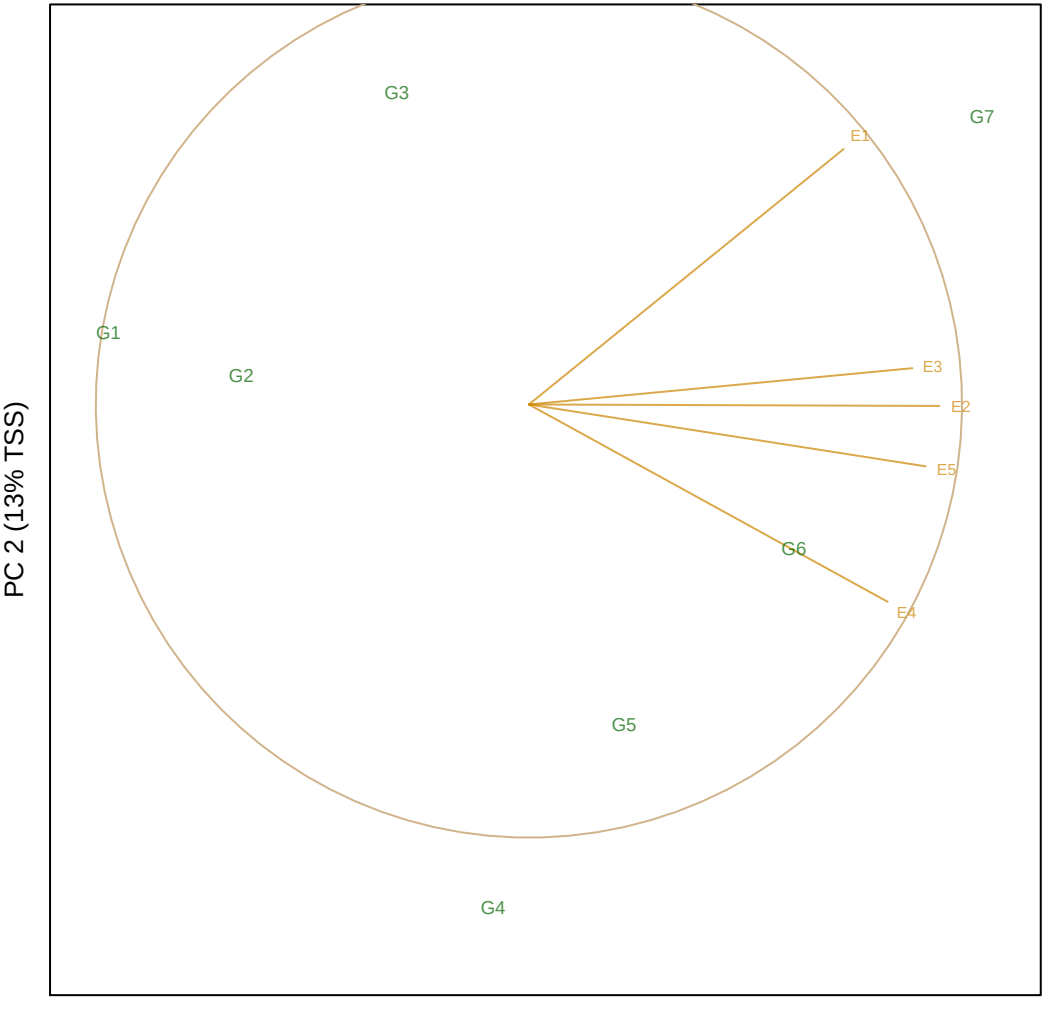
m35

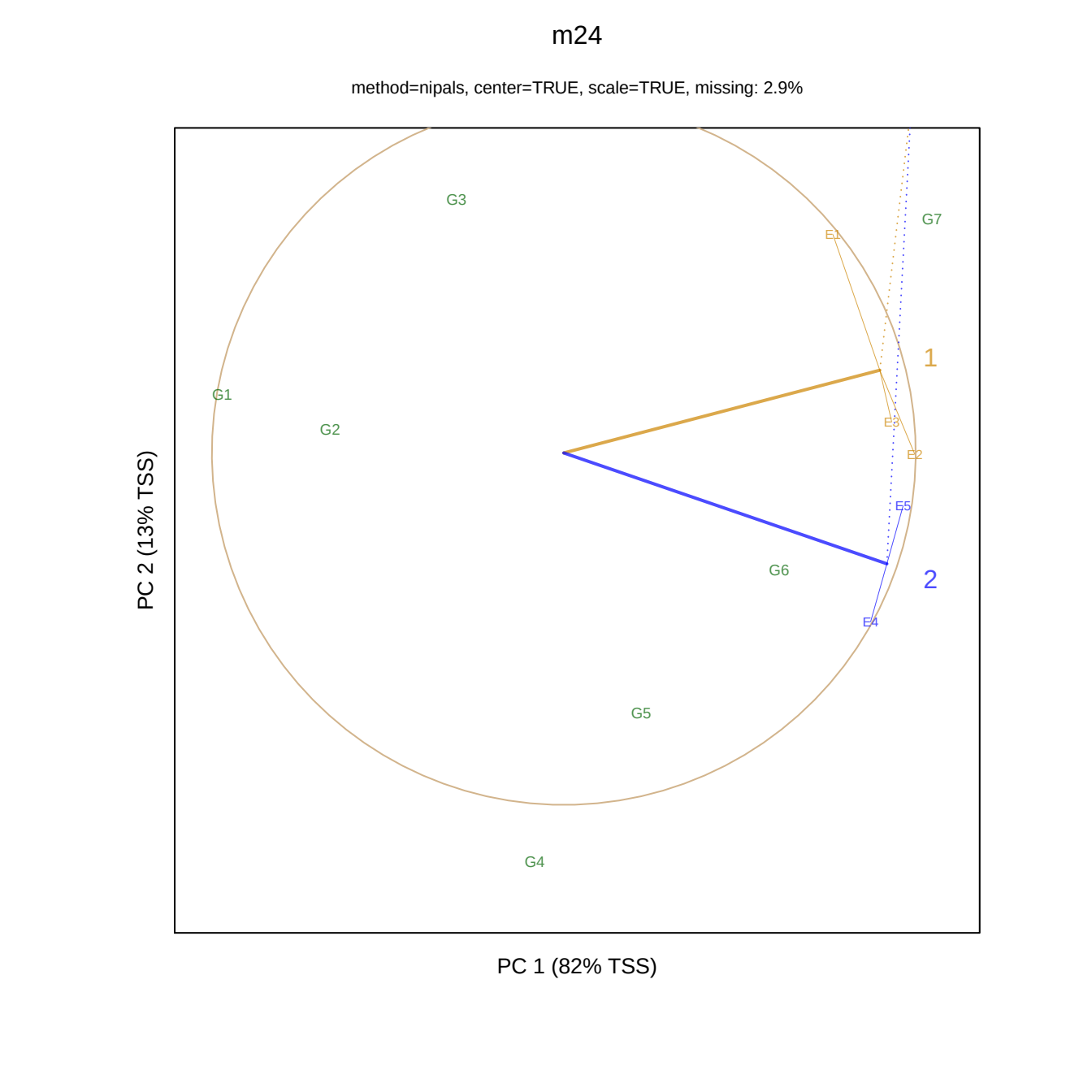
method=nipals, center=TRUE, scale=TRUE, missing: 2.9%

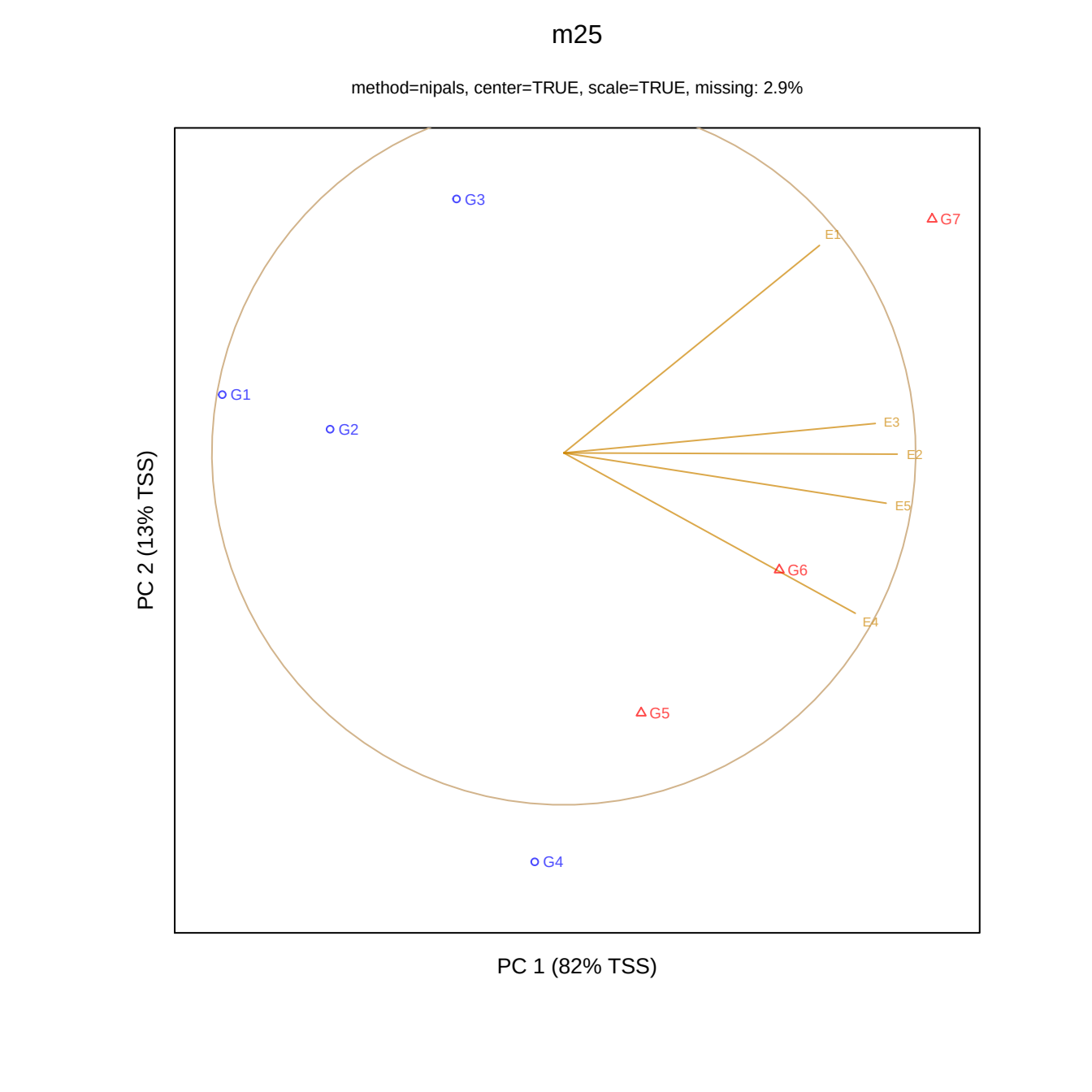


m36

method=nipals, center=TRUE, scale=TRUE, missing: 2.9%

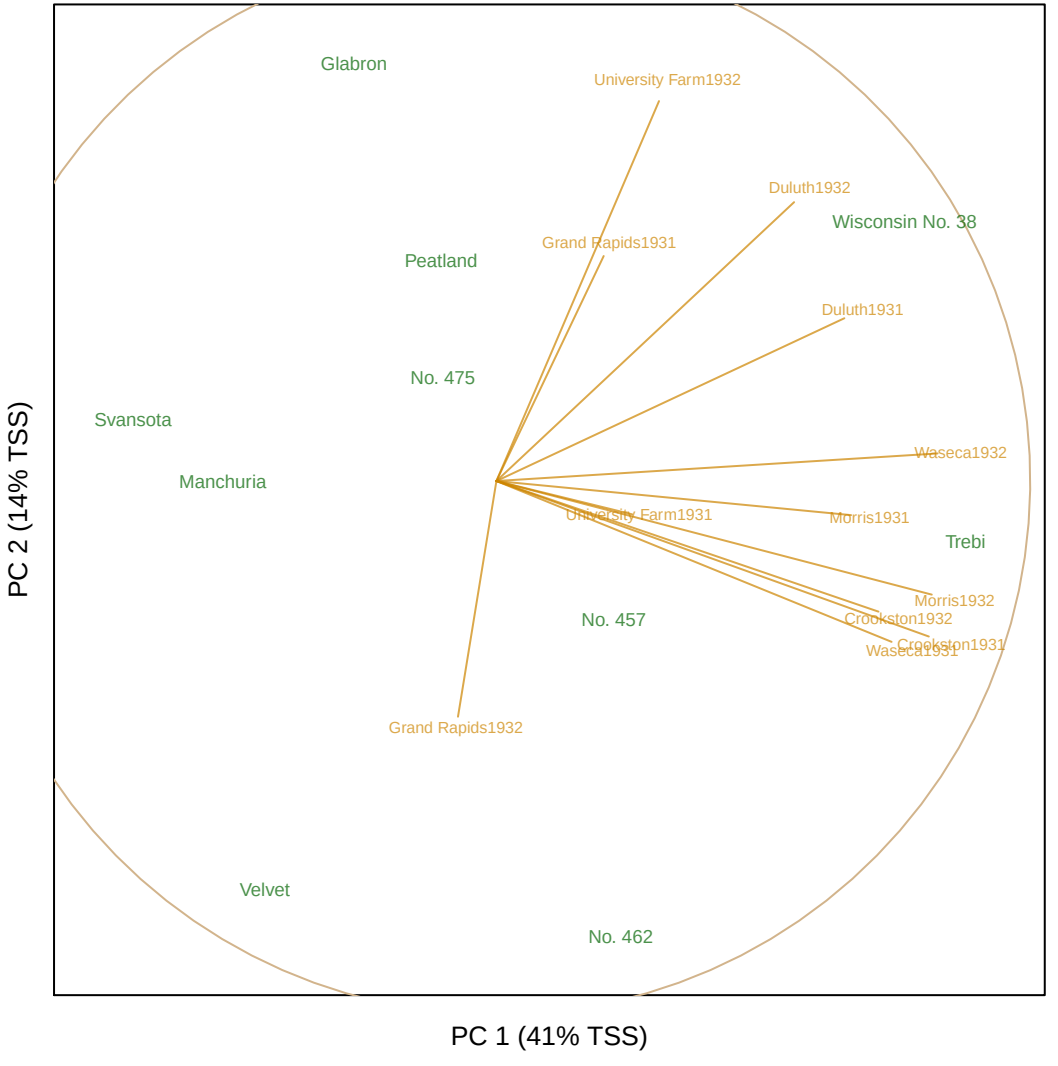


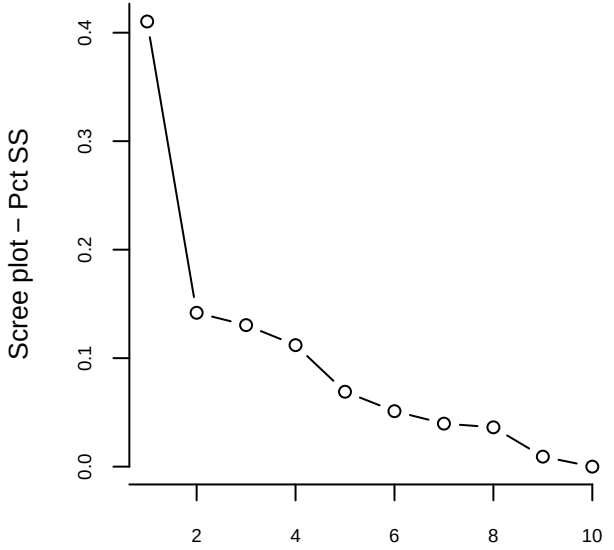

m24
method=nipals, center=TRUE, scale=TRUE, missing: 2.9%
G3
G7
E1
1
G1
G2
E3
E2
E5
G6
2
E4
G5
G4
PC 2 (13% TSS)
PC 1 (82% TSS)

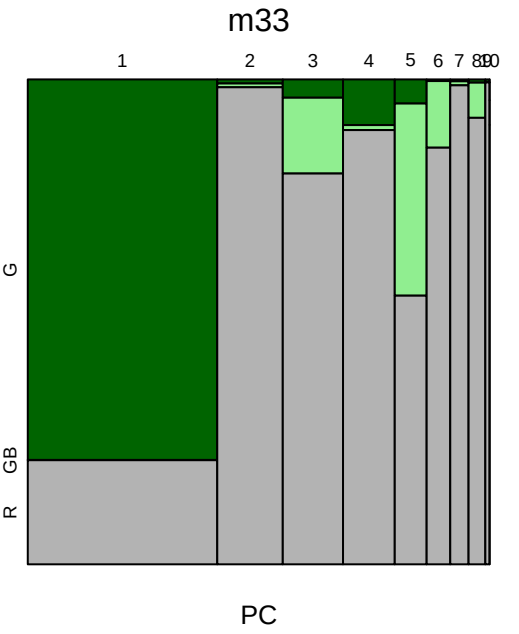

m25
method=nipals, center=TRUE, scale=TRUE, missing: 2.9%
G3
G7
E1
G1
G2
E3
E2
E5
G6
E4
G5
G4
PC 2 (13% TSS)
PC 1 (82% TSS)

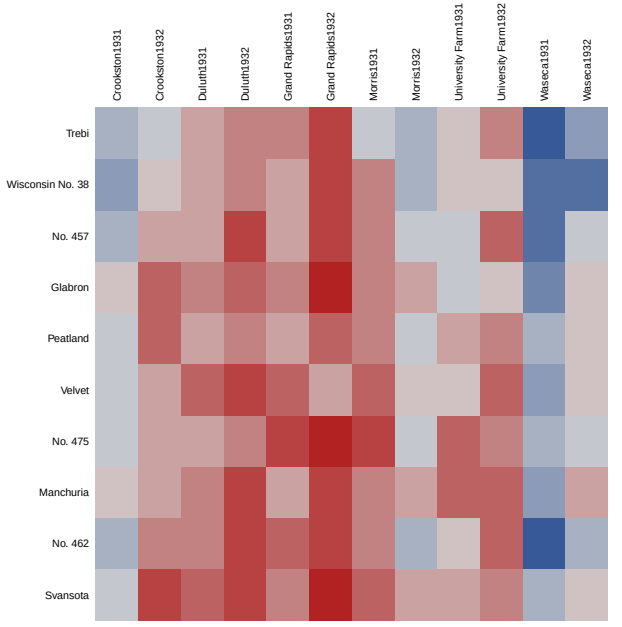
m32

method=svd, center=TRUE, scale=TRUE, missing: 0%



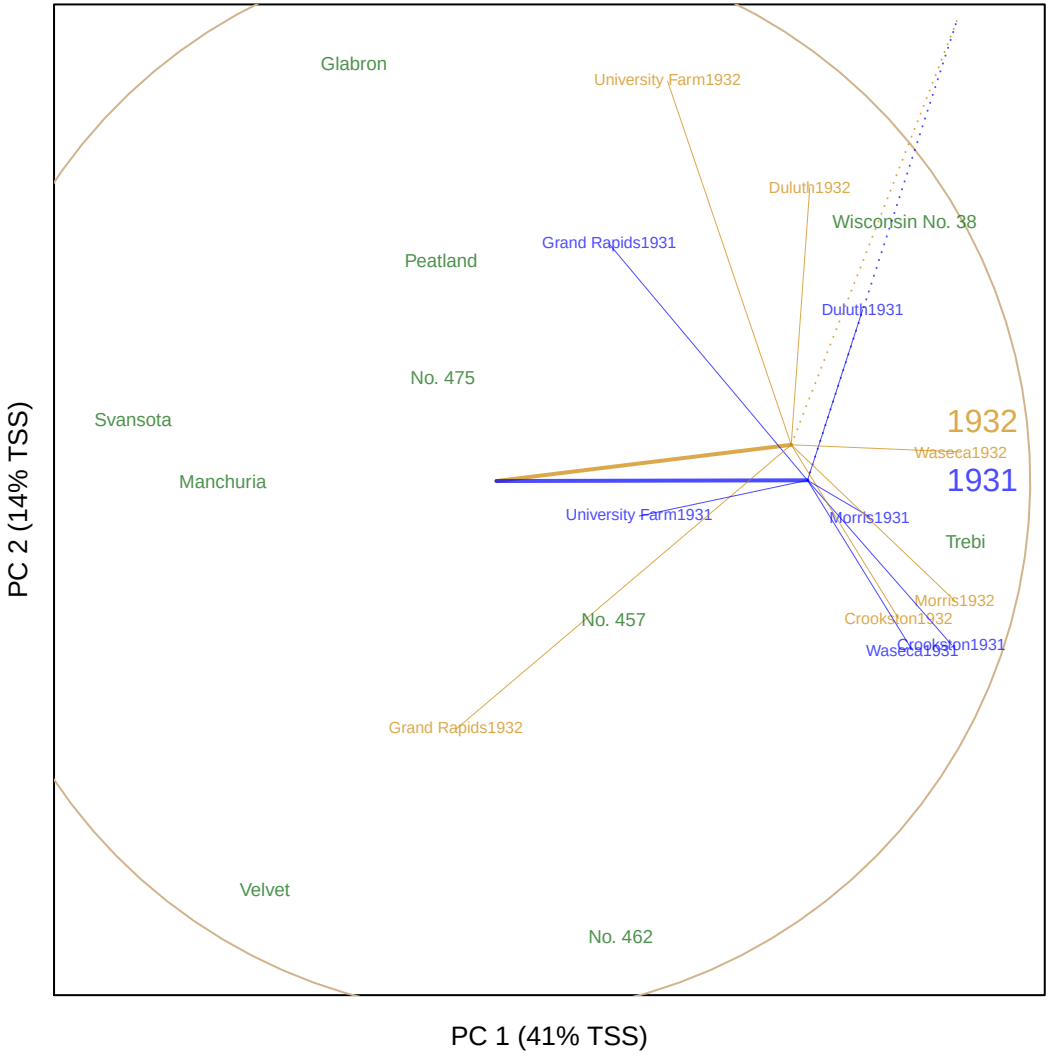

Scree plot – Pct SS
0.0
0.1
0.2
0.3
0.4
2
4
6
8
10


m33
1
2
3
4
5
6
7
8
9
10
G
GB
R
PC


Crookston1931
Crookston1932
Duluth1931
Duluth1932
Grand Rapids1931
Grand Rapids1932
Morris1931
Morris1932
University Farm1931
University Farm1932
Waseca1931
Waseca1932
Trebi
Wisconsin No. 38
No. 457
Glabron
Peatland
Velvet
No. 475
Manchuria
No. 462
Svansota

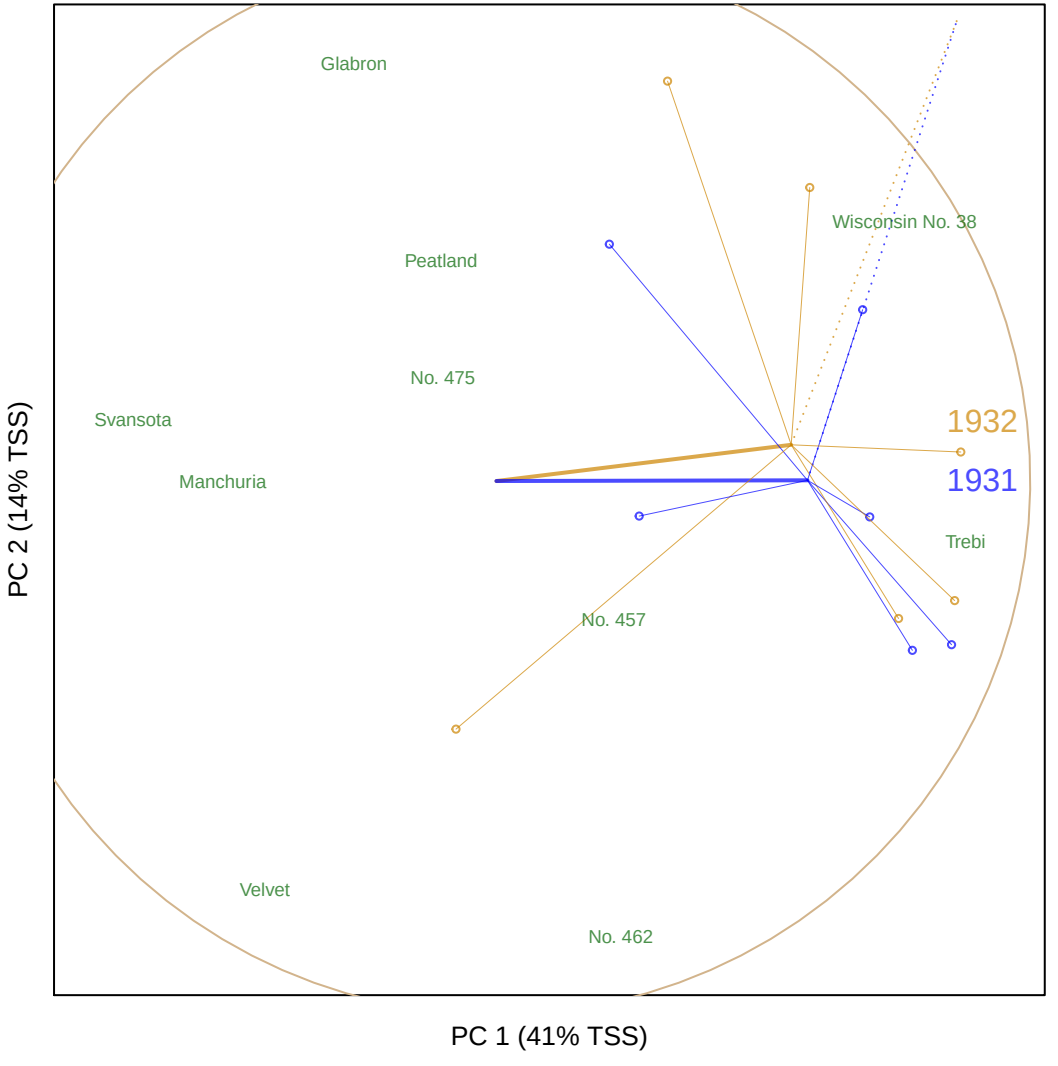
m33

method=svd, center=TRUE, scale=TRUE, missing: 0%



m33

method=svd, center=TRUE, scale=TRUE, missing: 0%



m33

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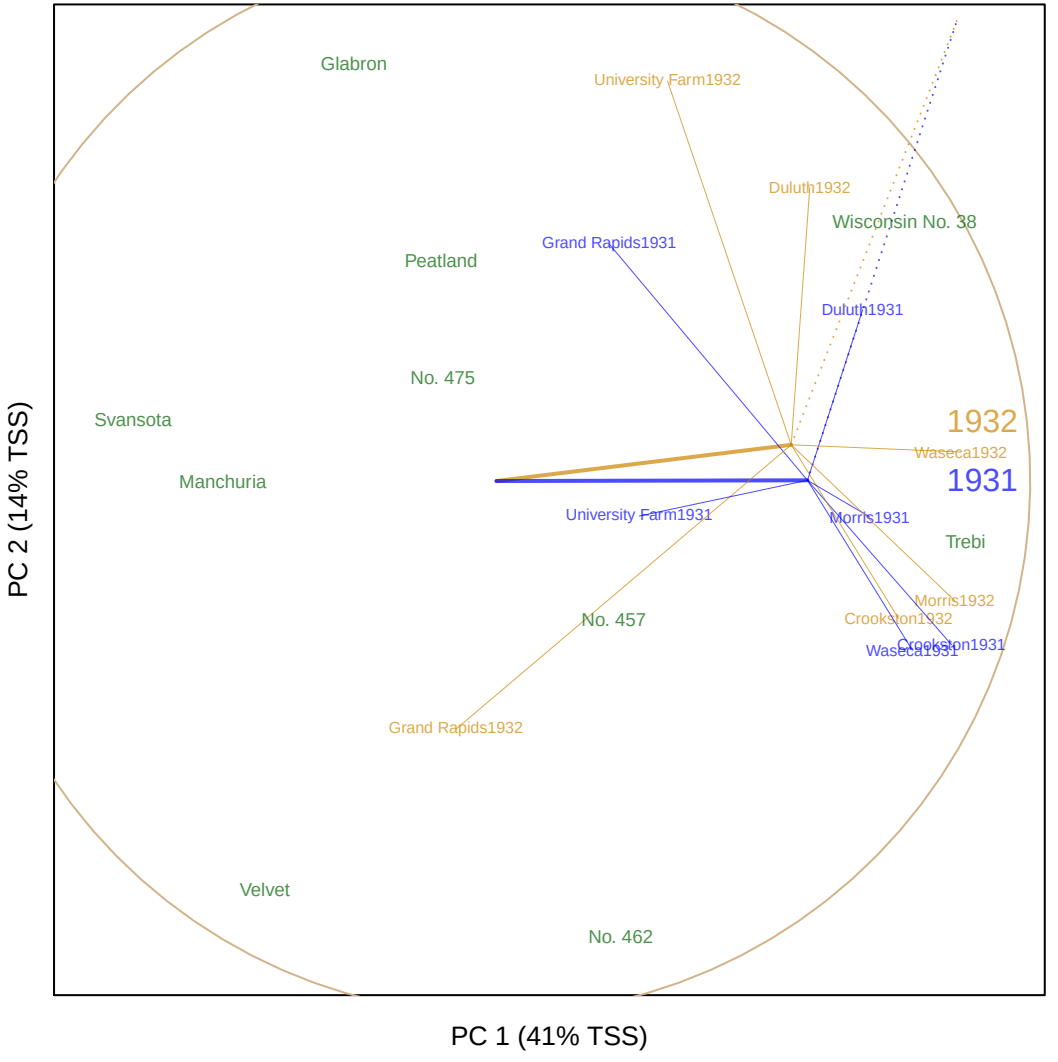

m33

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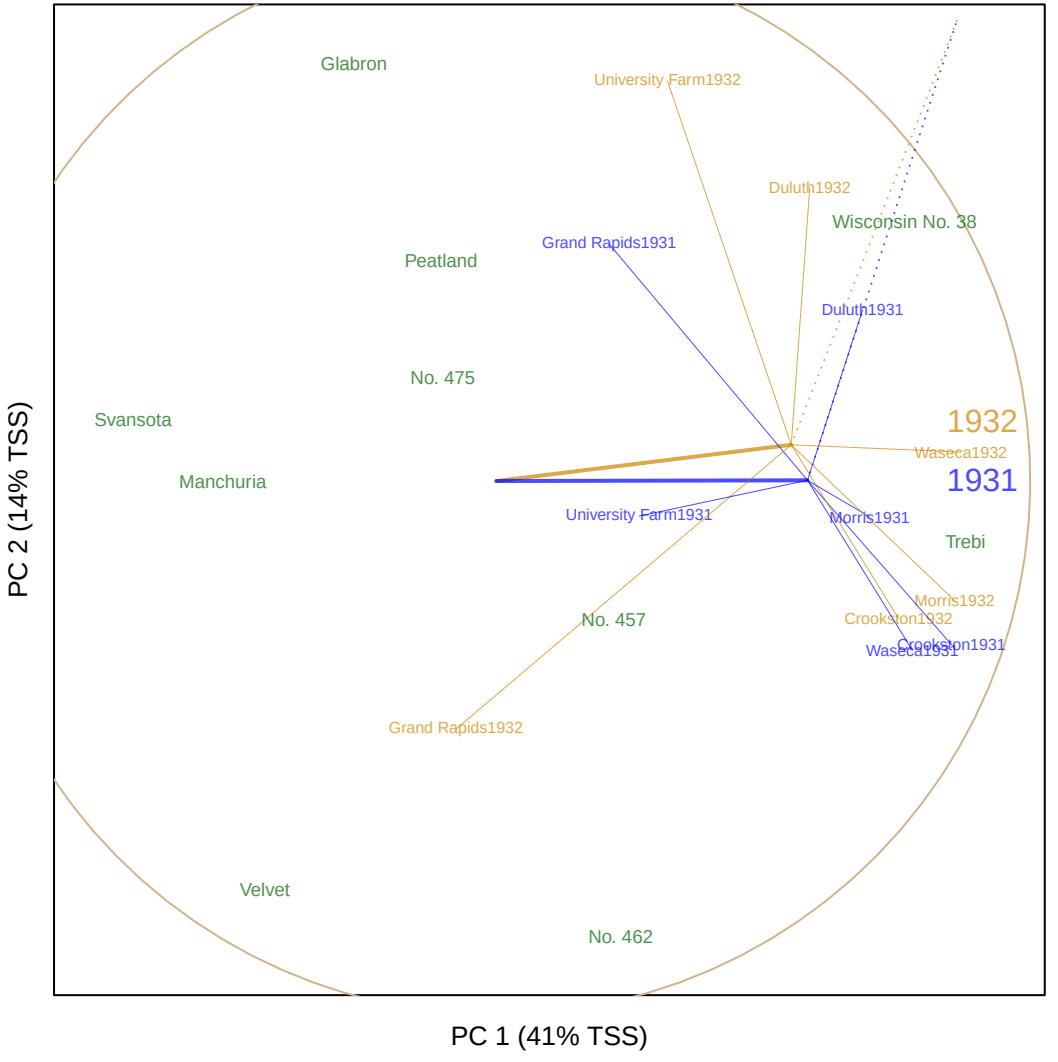

m33

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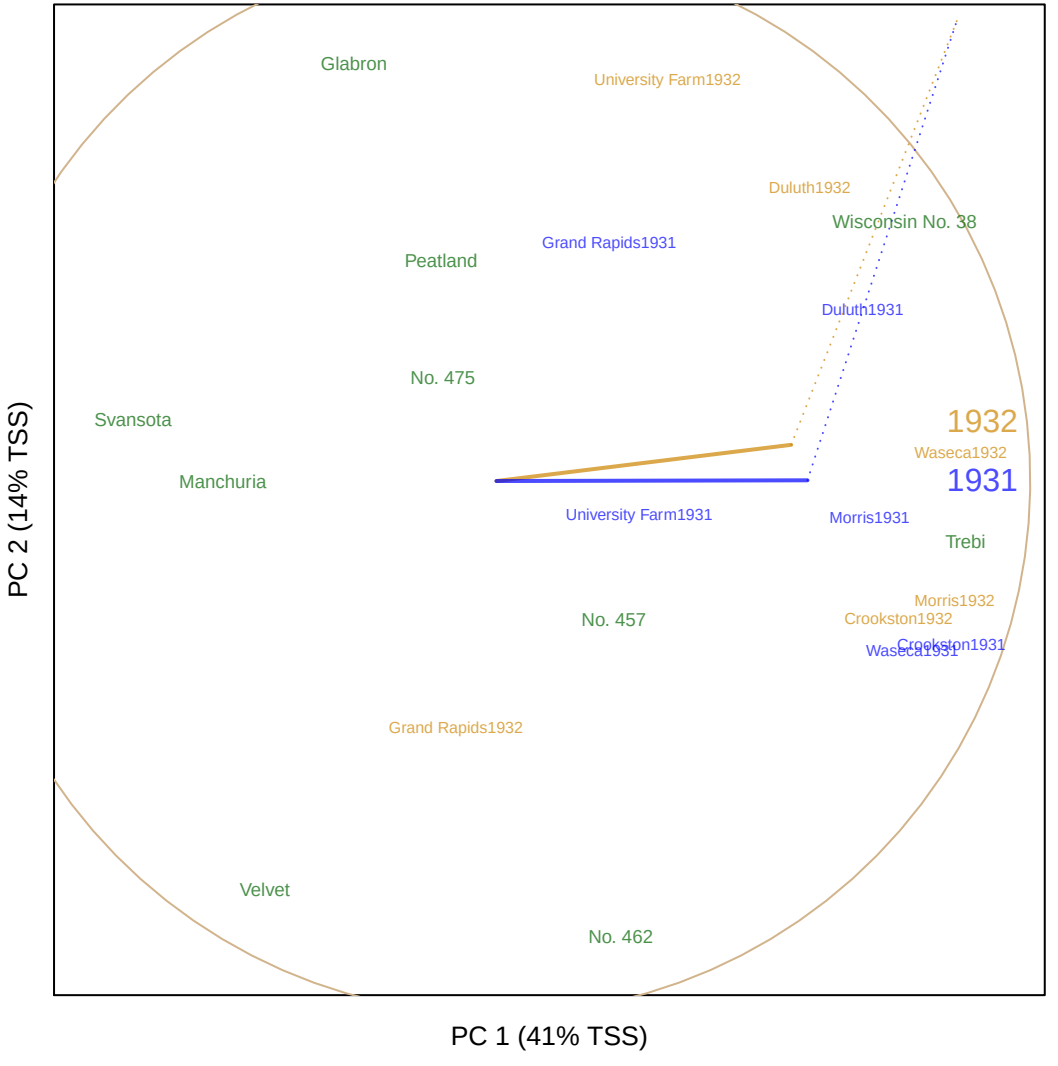

m61

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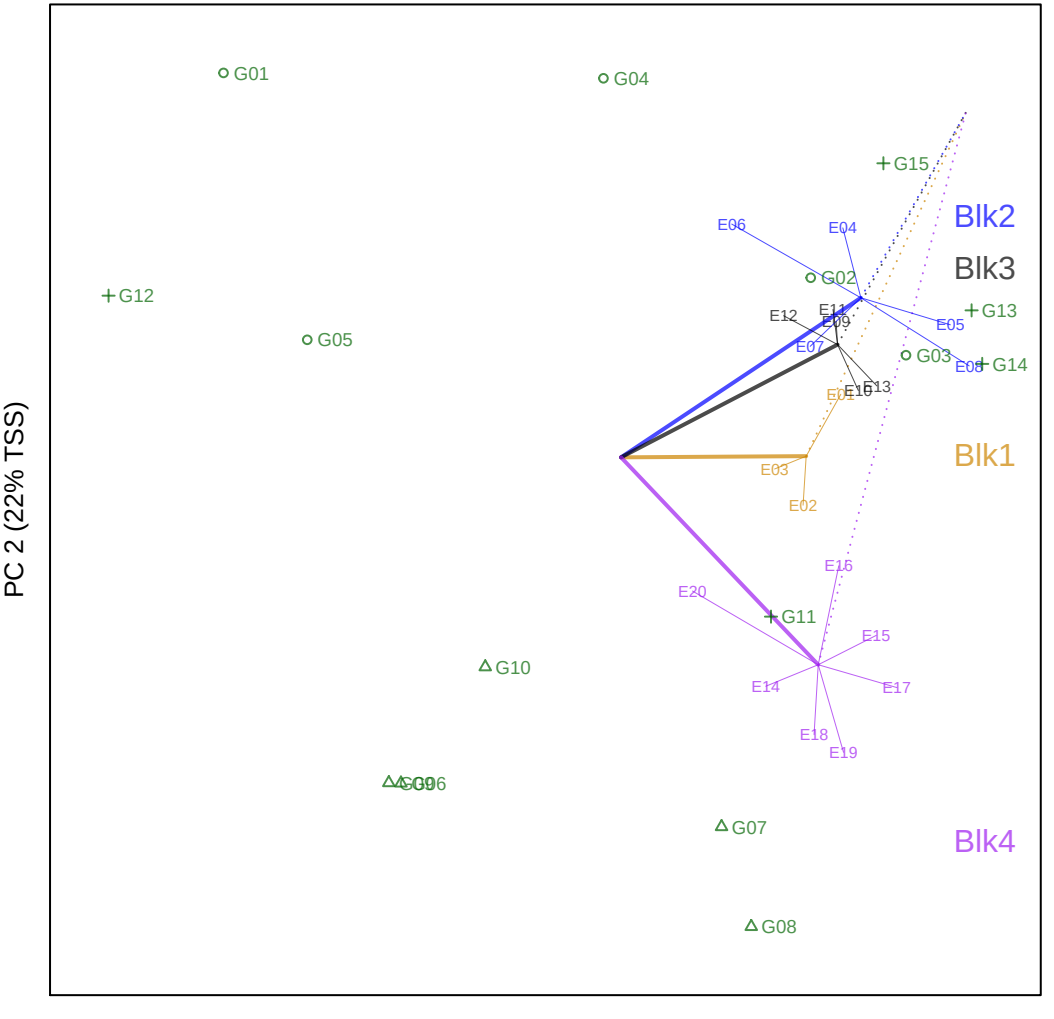
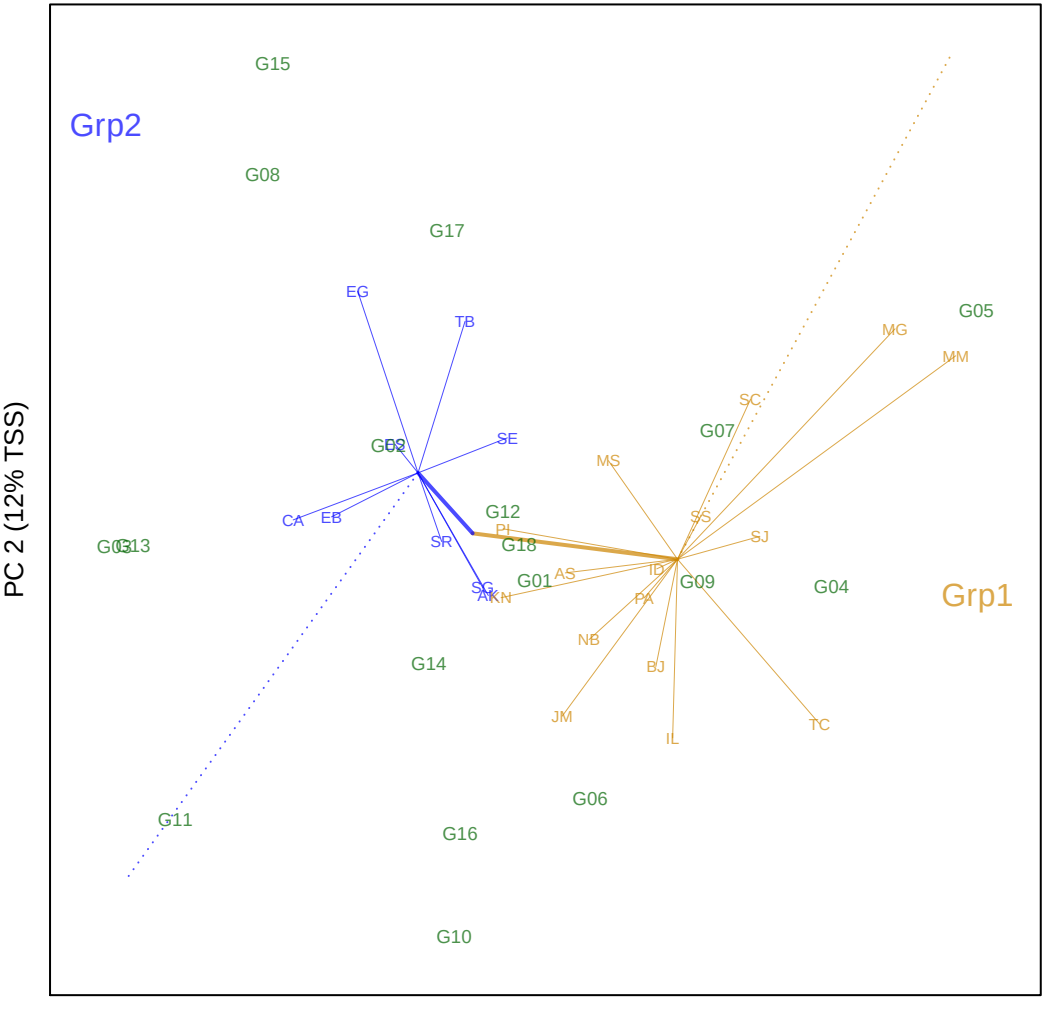
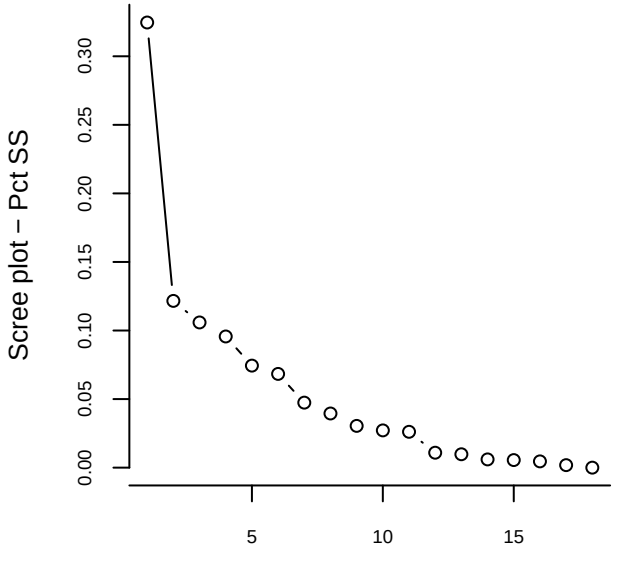


CYMMIT wheat

method=svd, center=TRUE, scale=FALSE, missing: 0%




Scree plot – Pct SS
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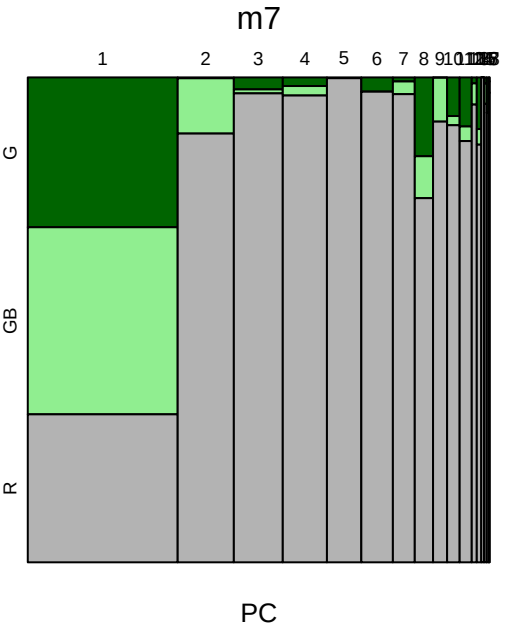
m7
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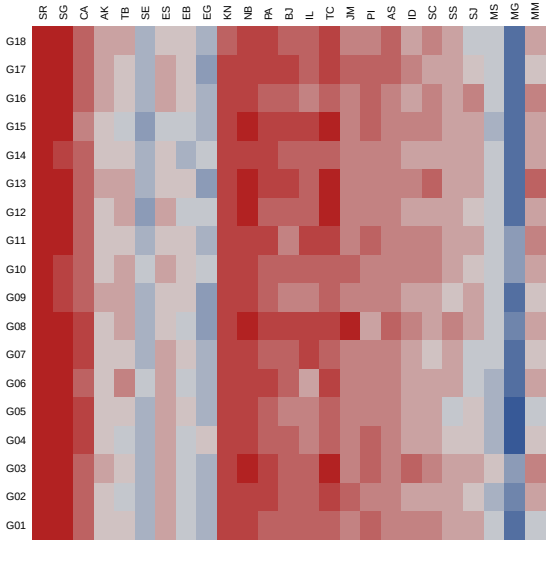
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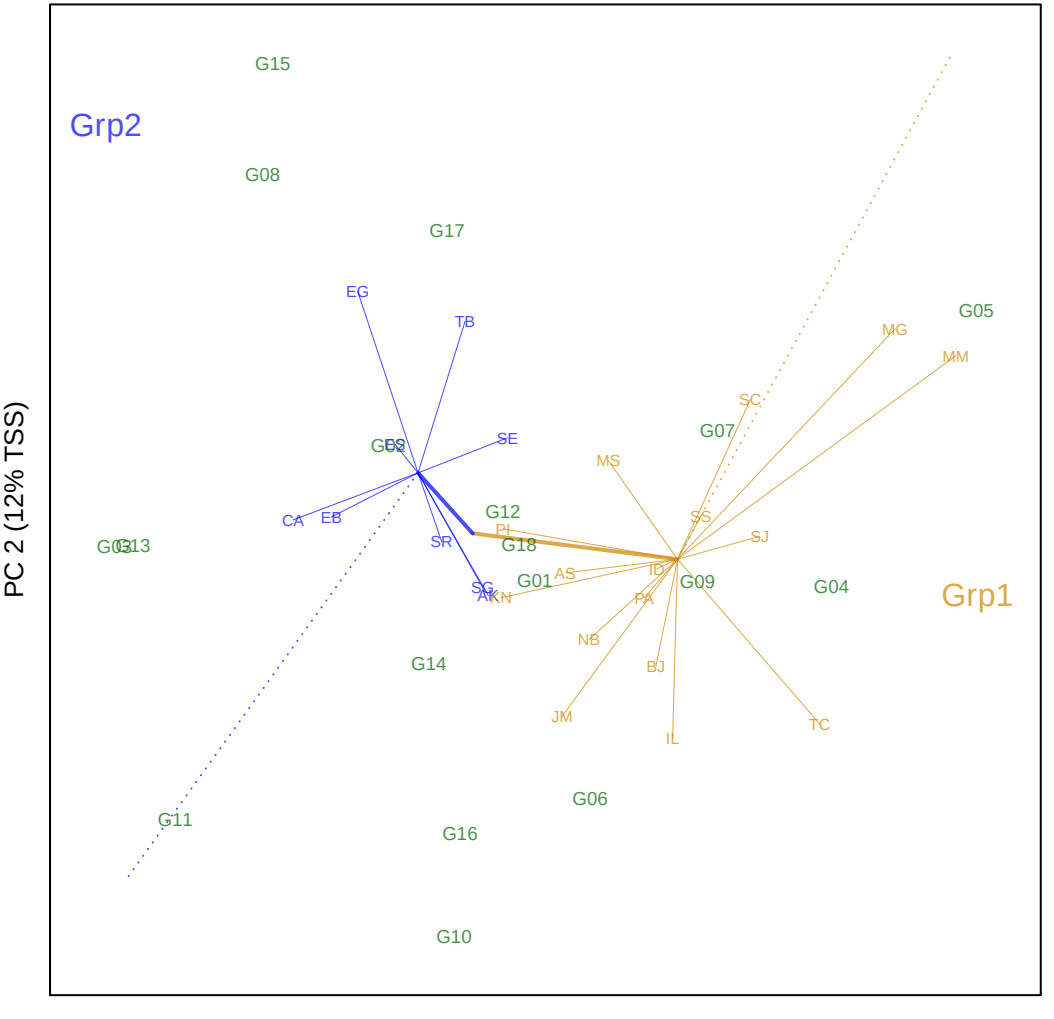
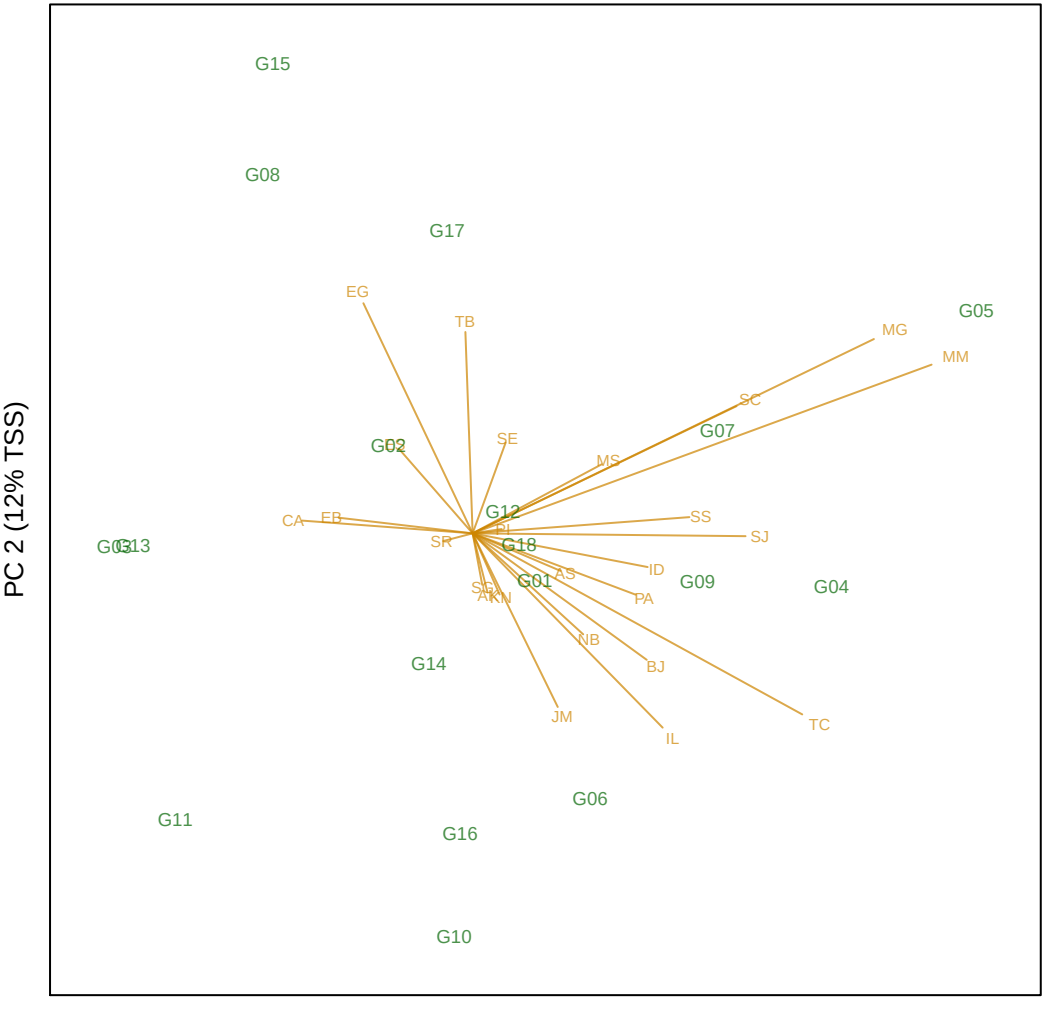
m8

method=svd, center=TRUE, scale=FALSE, missing: 0%



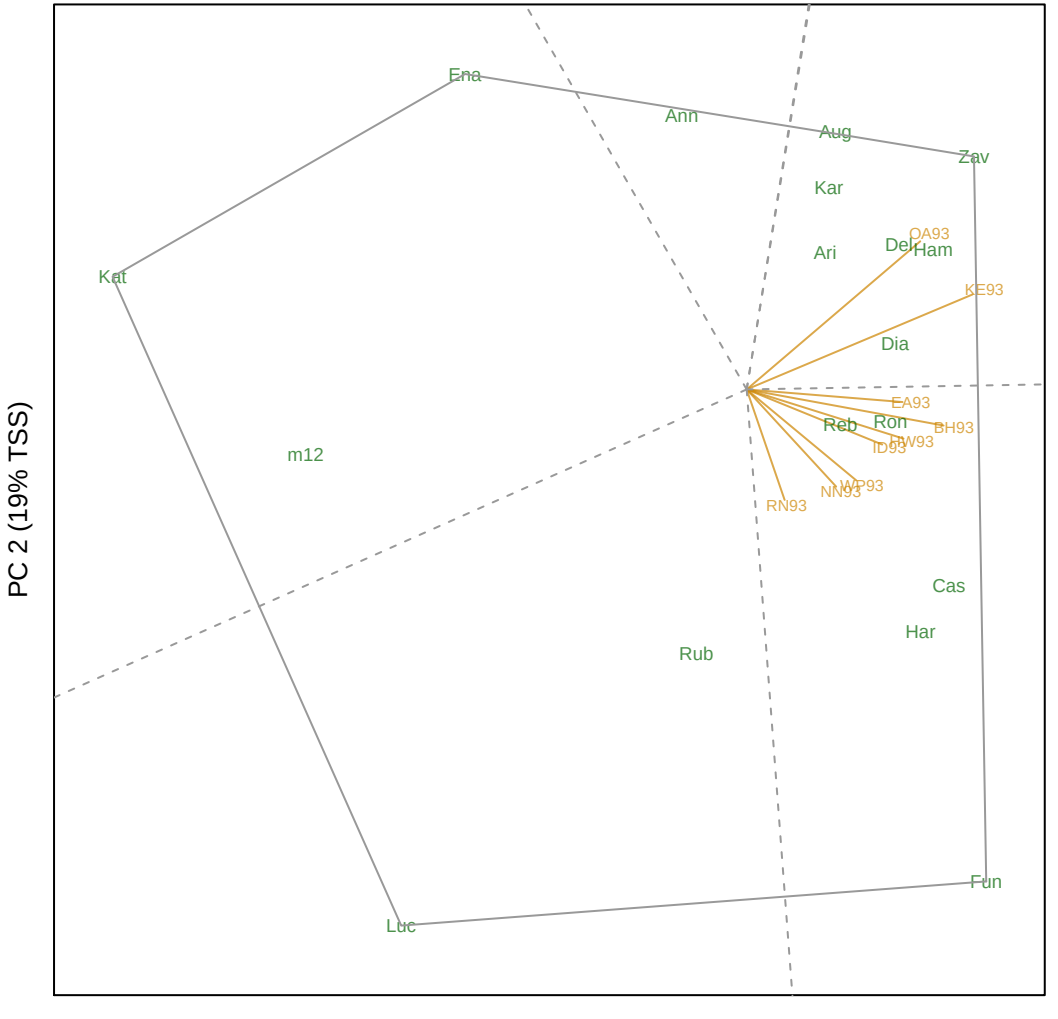
m9

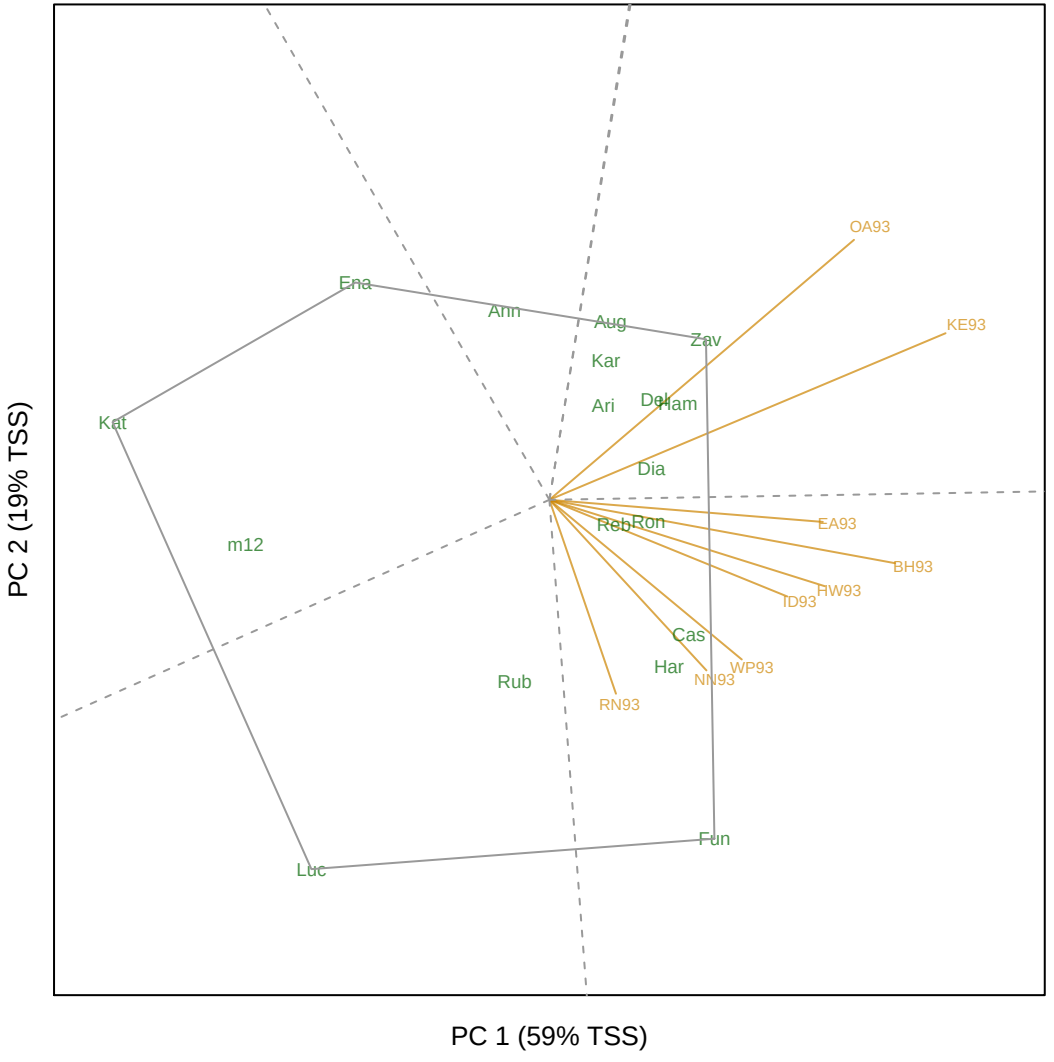
method=svd, center=TRUE, scale=FALSE, missing: 0%



yan.winterwheat − GGE biplot

method=svd, center=TRUE, scale=FALSE, missing: 0%



yan.winterwheat − GGE biplot

method=svd, center=TRUE, scale=FALSE, missing: 0%