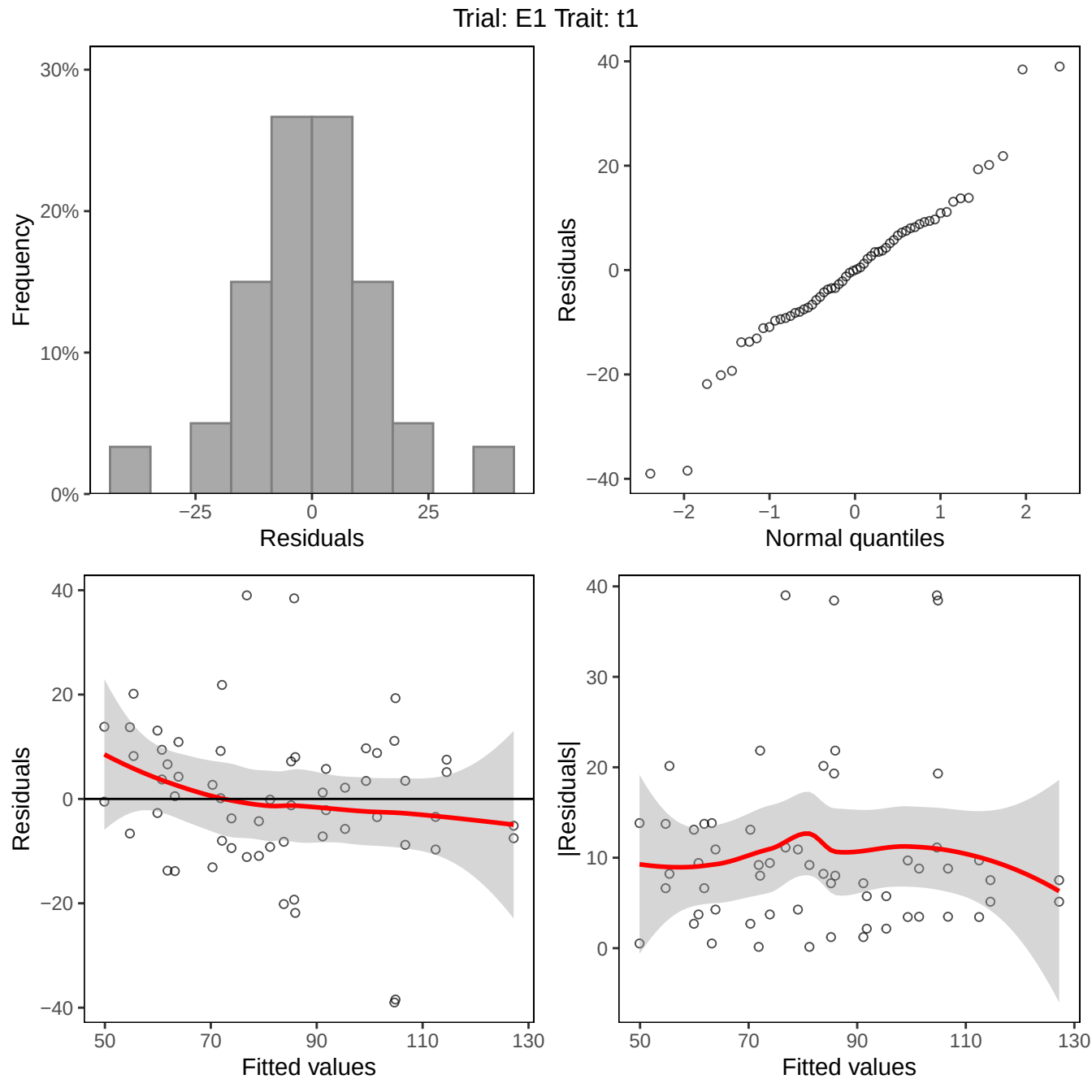
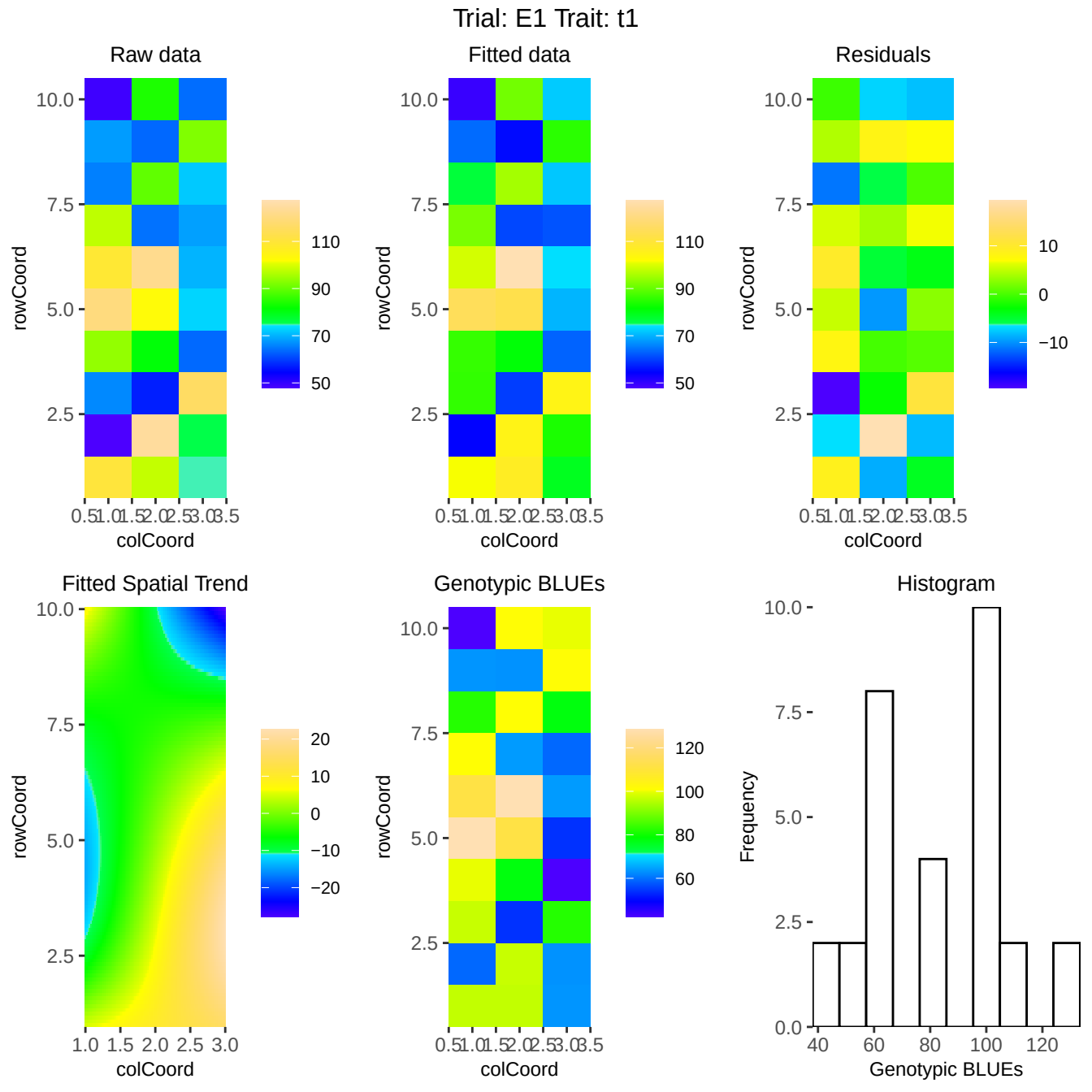
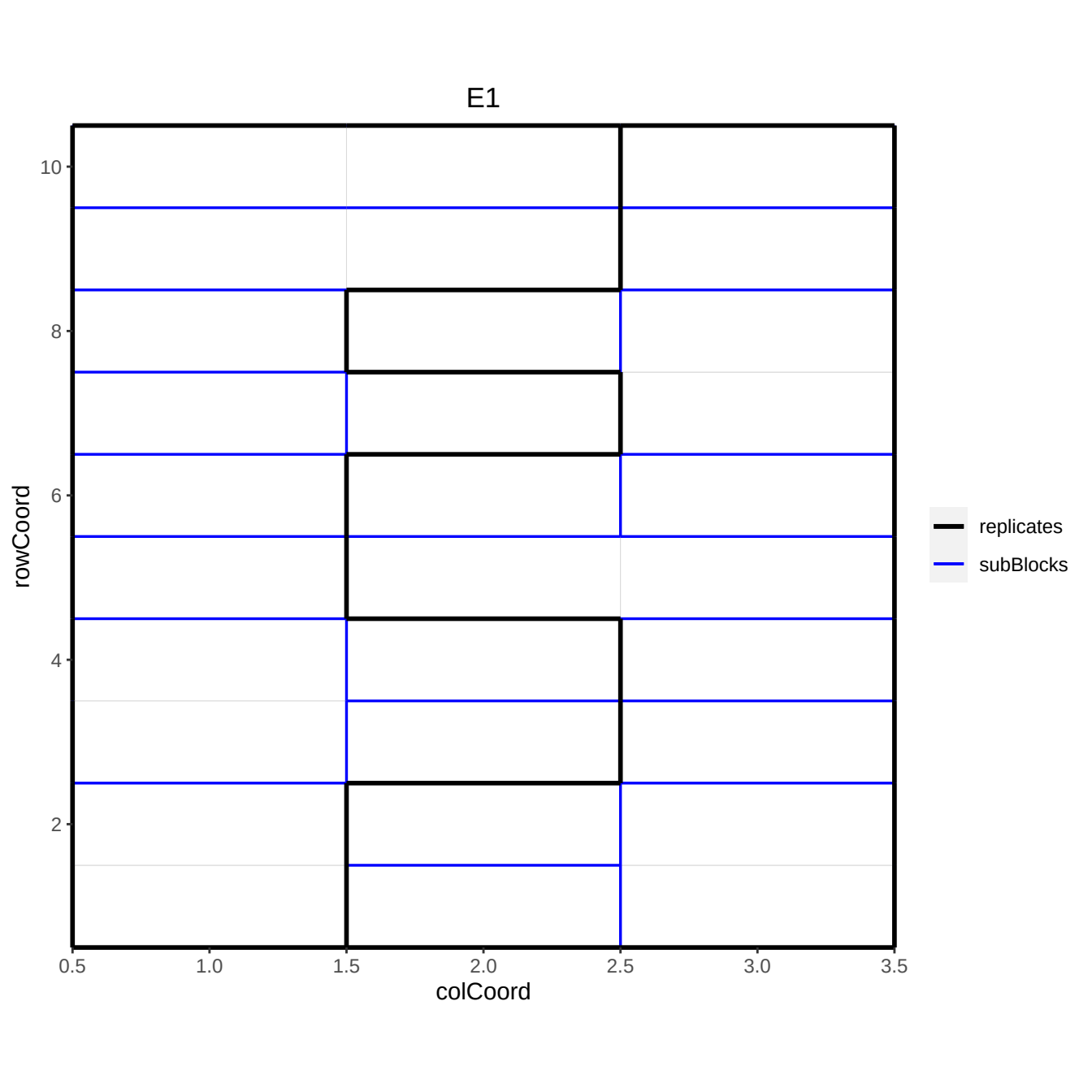
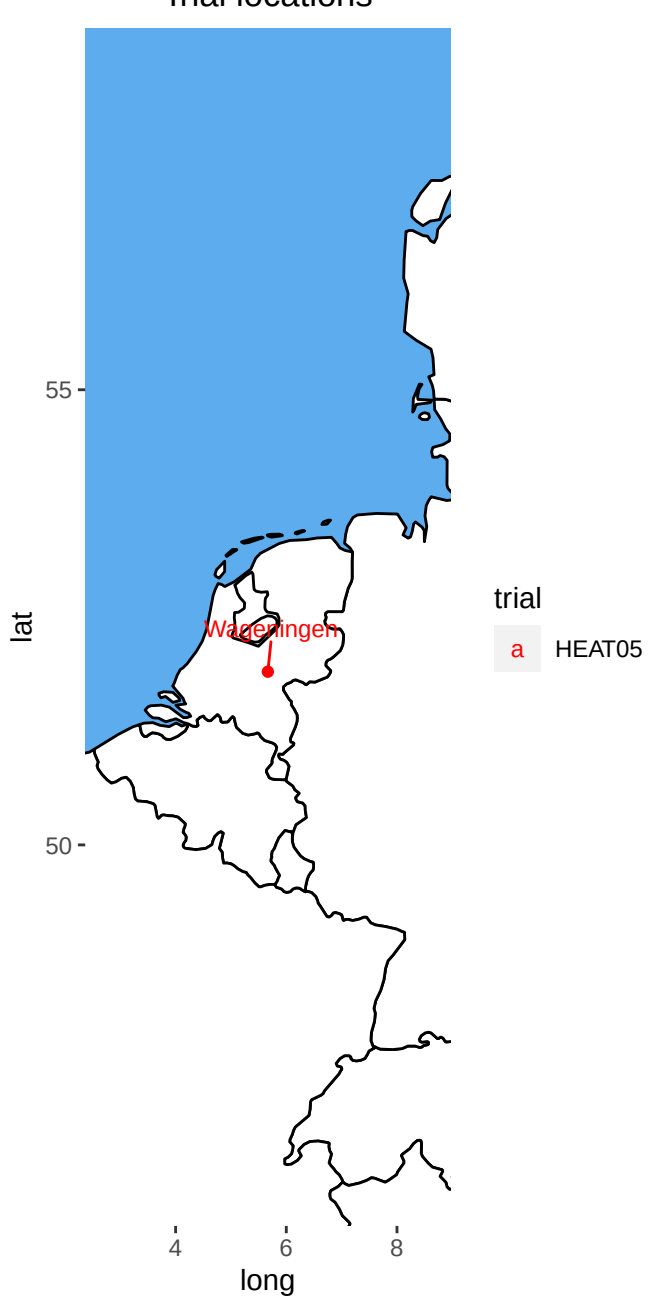
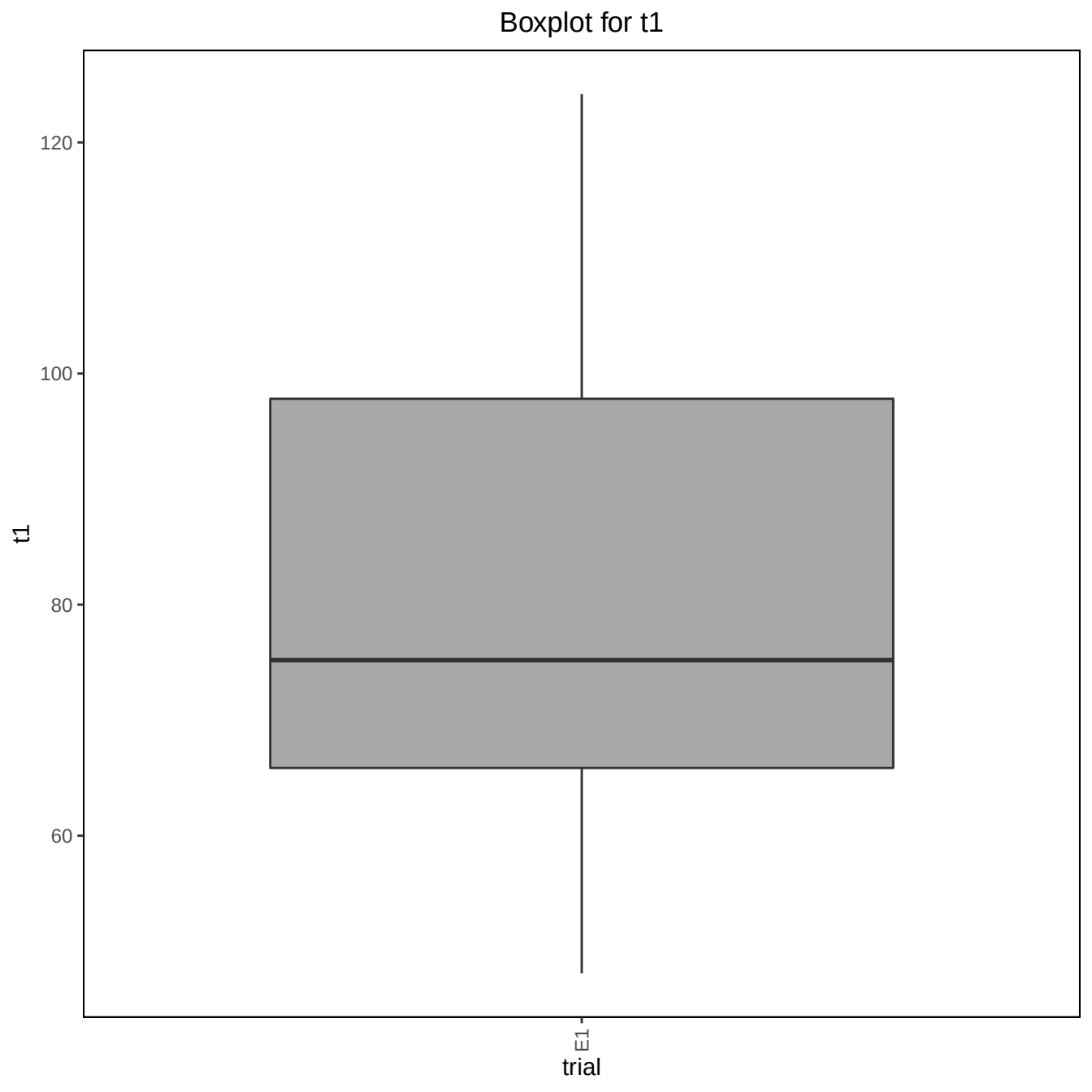

Trial: E1 Trait: t1
Frequency
30%
20%
10%
0%
−25
0
25
Residuals
Residuals
40
20
0
−20
−40
−2
−1
0
1
2
Normal quantiles
Residuals
40
20
0
−20
−40
50
70
90
110
130
Fitted values
|Residuals|
40
30
20
10
0
50
70
90
110
130
Fitted values

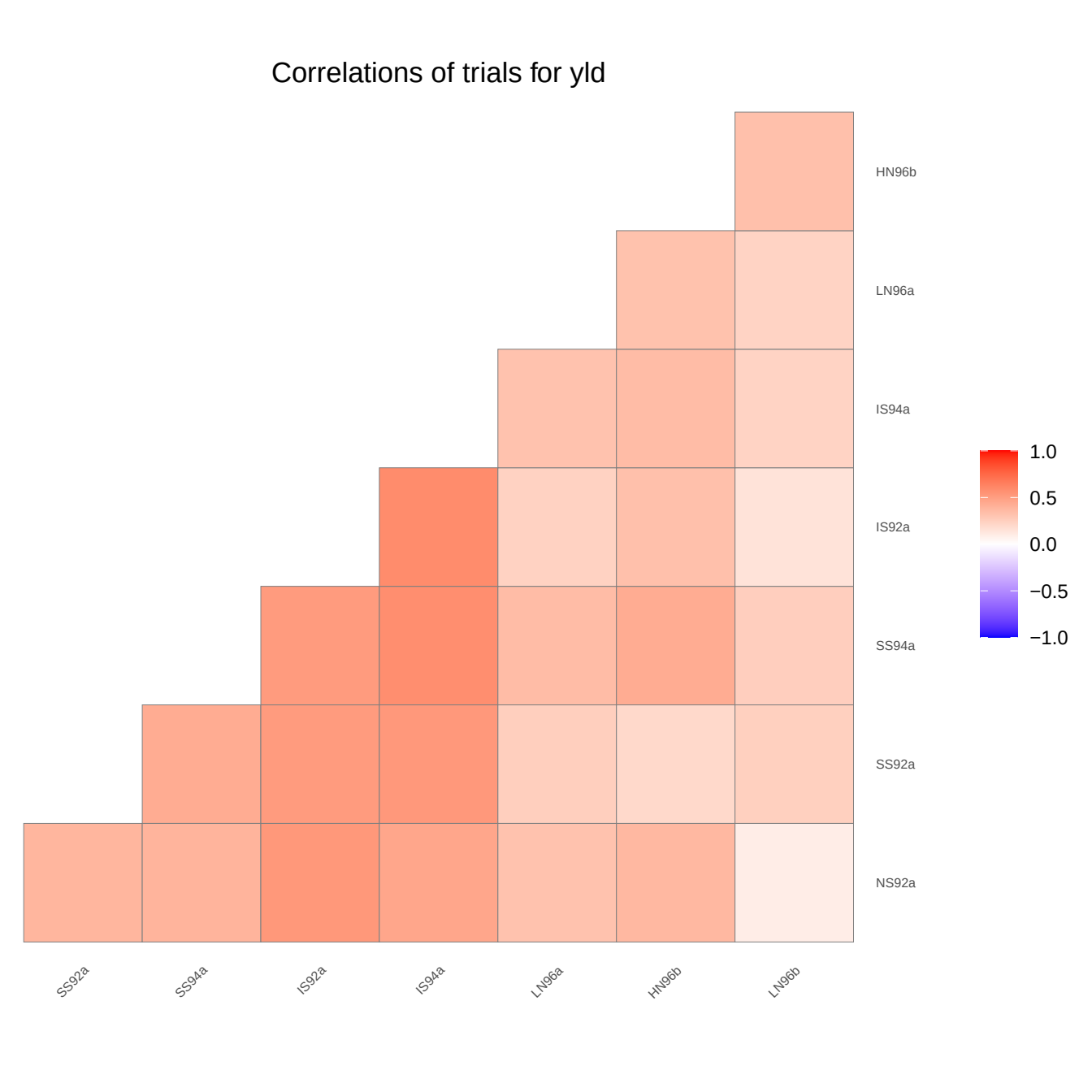

Trial: E1 Trait: t1
Raw data
Fitted data
Residuals
Fitted Spatial Trend
Genotypic BLUEs
Histogram
rowCoord
colCoord
Frequency
Genotypic BLUEs

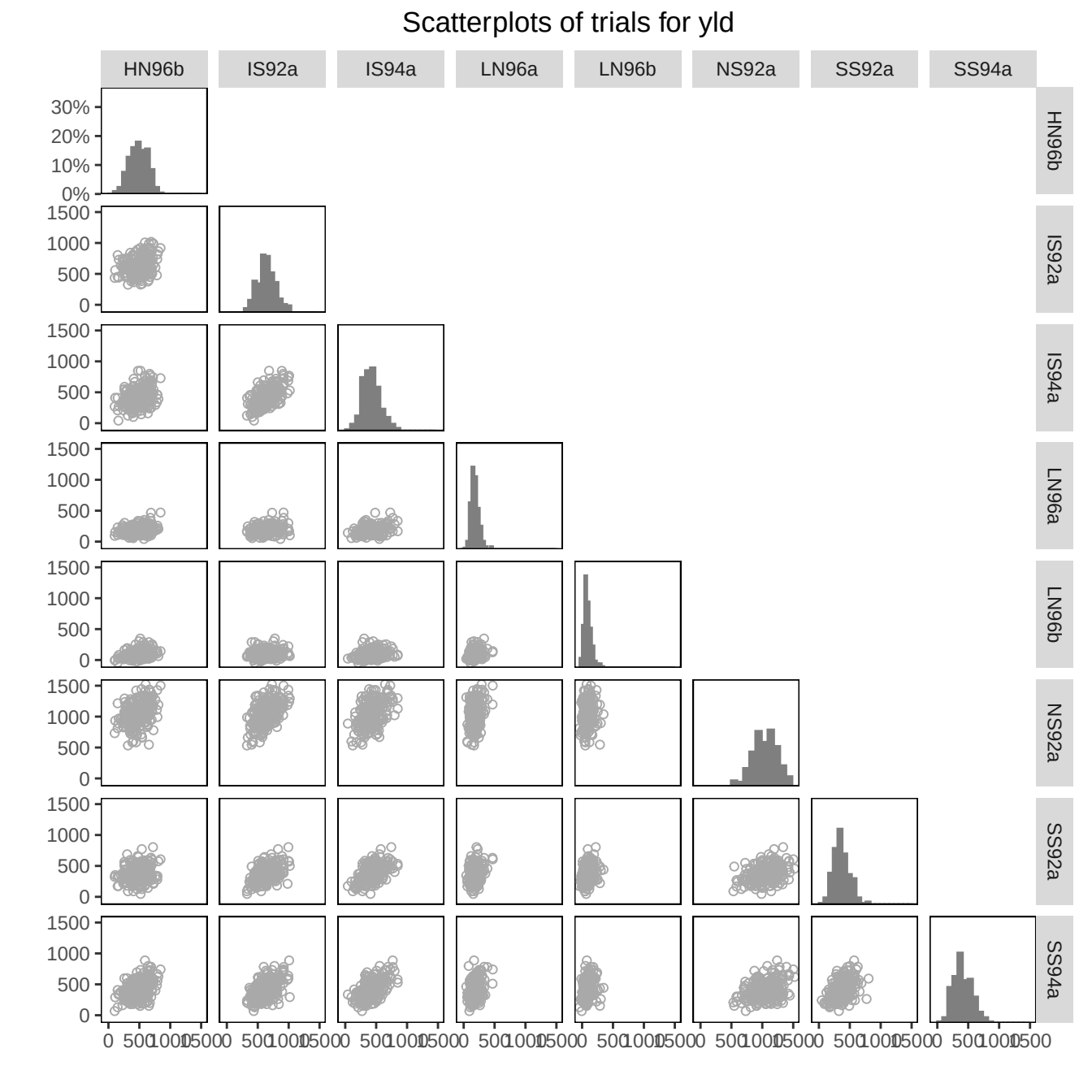

E1
rowCoord
colCoord
10
8
6
4
2
0.5
1.0
1.5
2.0
2.5
3.0
3.5
replicates
subBlocks

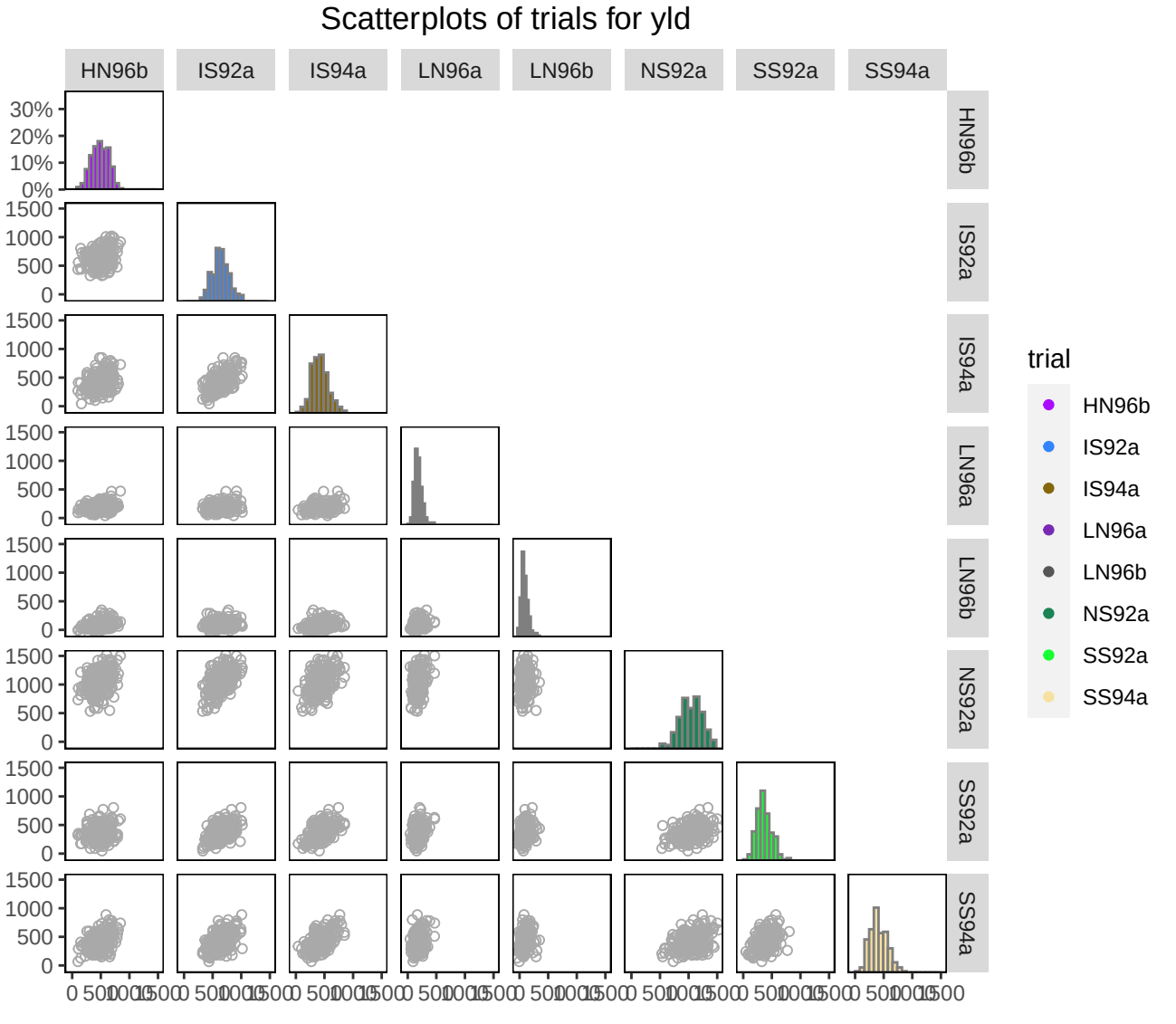
Trial locations
55
50
lat
Wageningen
4
6
8
long

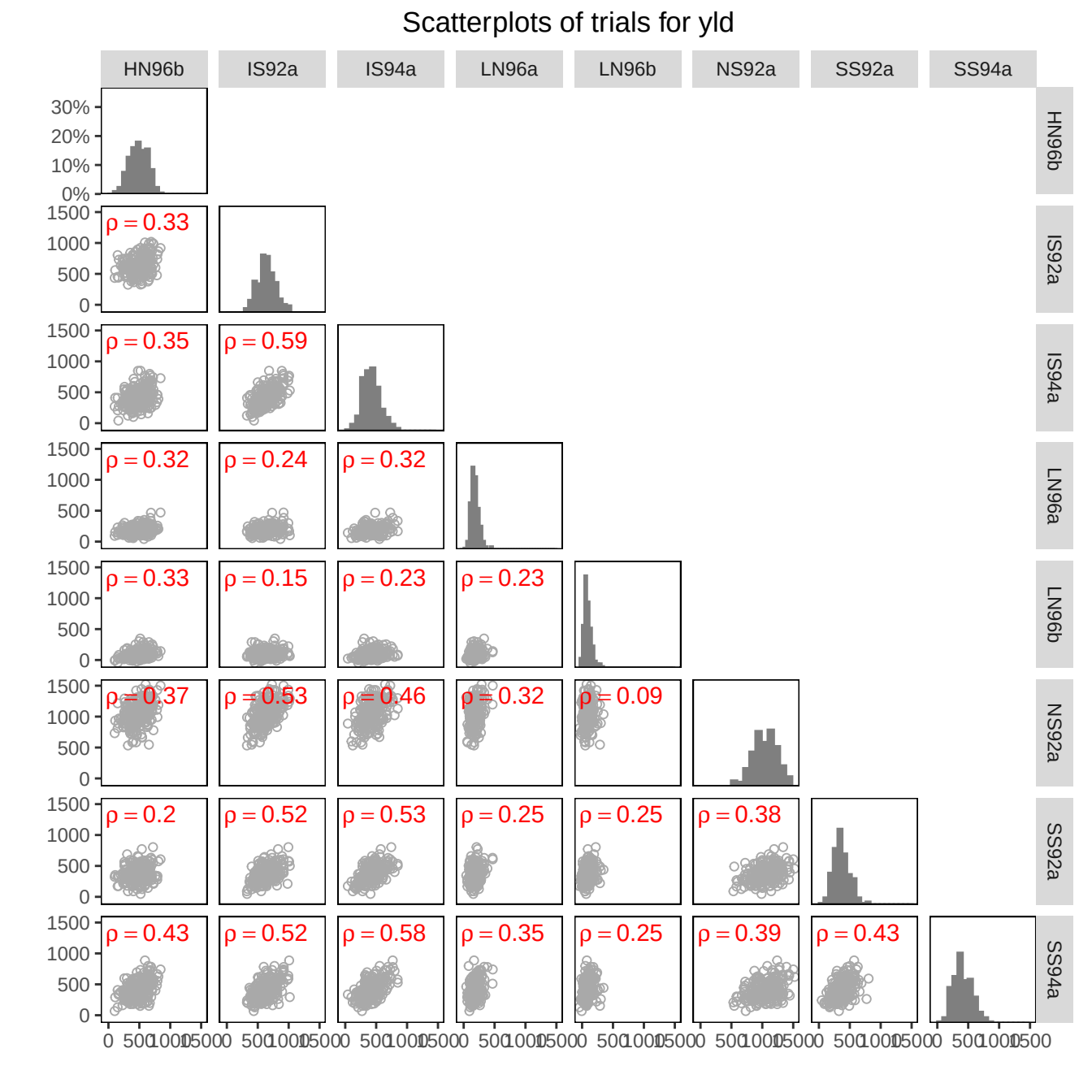

Trial locations
55
50
lat
Wageningen
trial
a
HEAT05
4
6
8
long

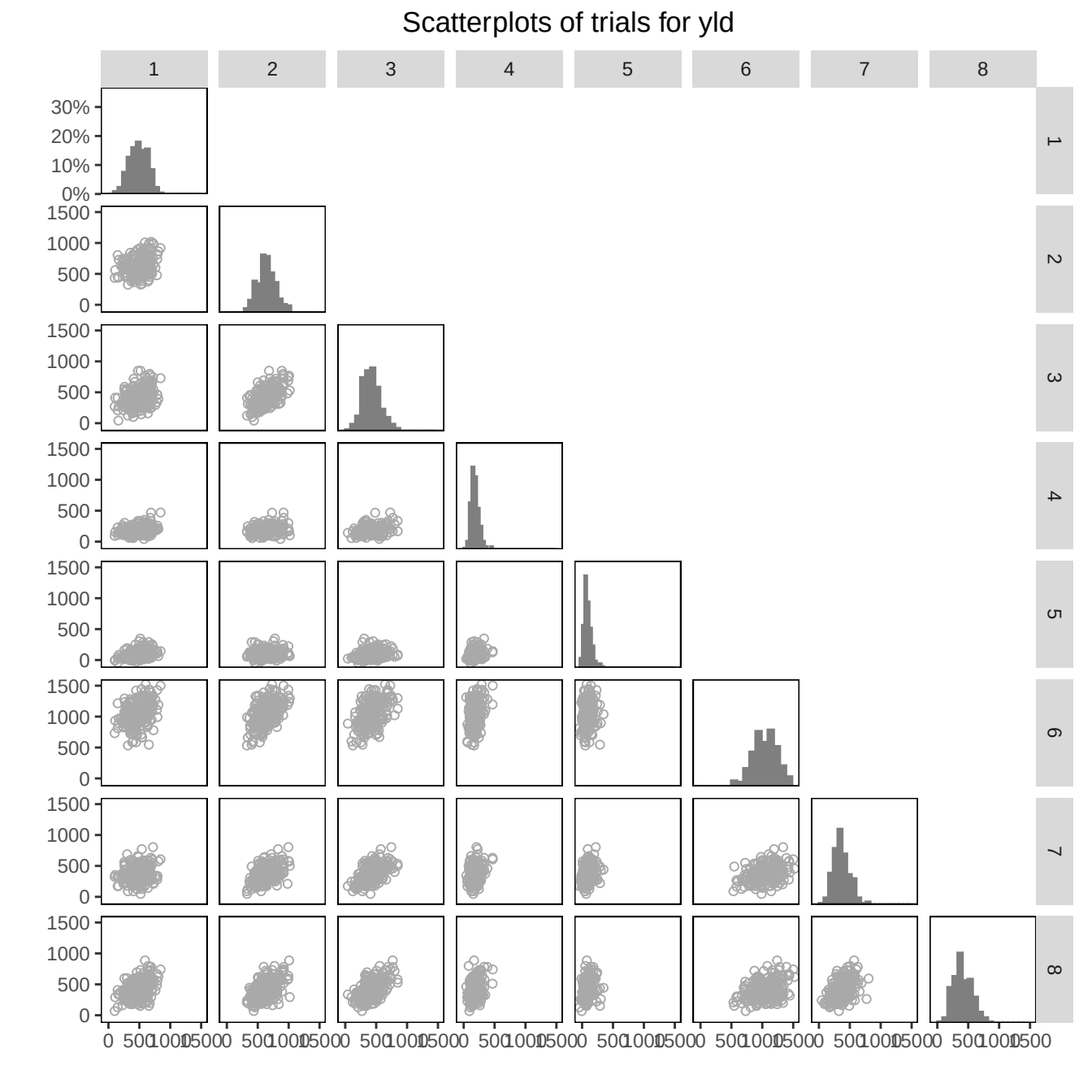

Boxplot for t1
120
100
80
60
t1
E1
trial

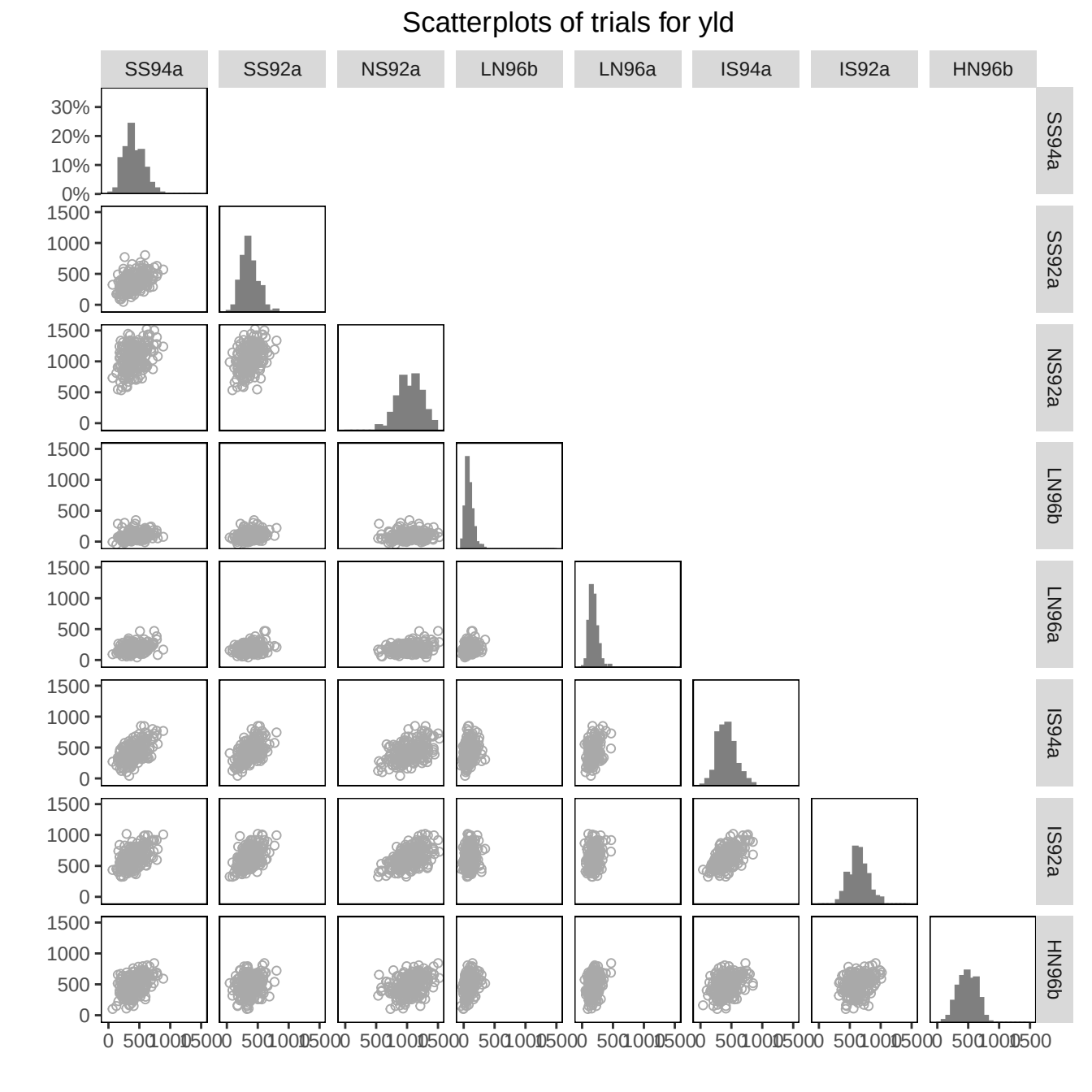

Correlations of trials for yld
HN96b
LN96a
IS94a
IS92a
SS94a
SS92a
NS92a
SS92a
SS94a
IS92a
IS94a
LN96a
HN96b
LN96b
1.0
0.5
0.0
−0.5
−1.0

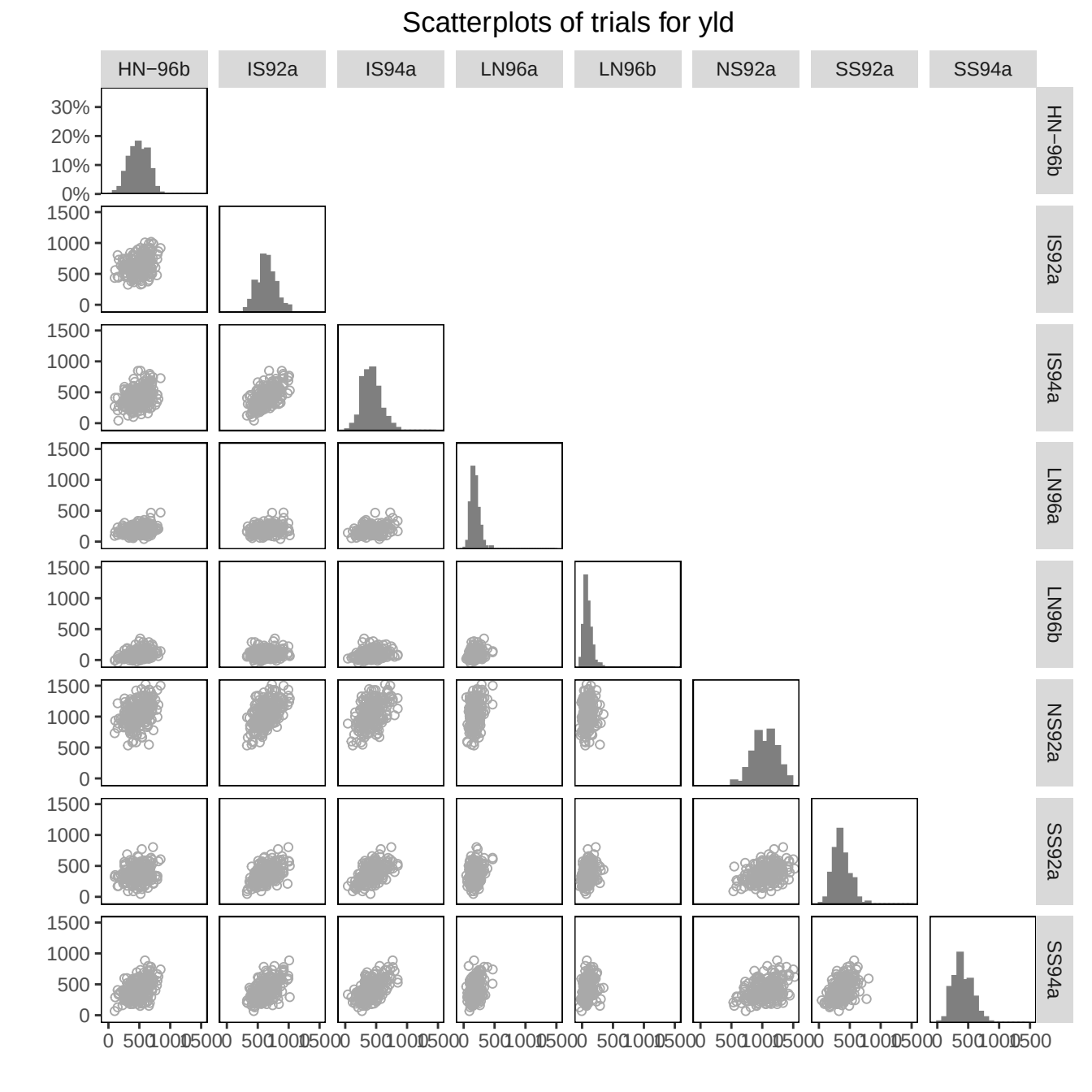

Scatterplots of trials for yld
HN96b
IS92a
IS94a
LN96a
LN96b
NS92a
SS92a
SS94a
30%
20%
10%
0%
1500
1000
500
0
0 500 1000 1500


Scatterplots of trials for yld
HN96b
IS92a
IS94a
LN96a
LN96b
NS92a
SS92a
SS94a
30%
20%
10%
0%
1500
1000
500
0
0 500 1000 1500
trial
HN96b
IS92a
IS94a
LN96a
LN96b
NS92a
SS92a
SS94a


Scatterplots of trials for yld
HN96b
IS92a
IS94a
LN96a
LN96b
NS92a
SS92a
SS94a
30%
20%
10%
0%
1500
1000
500
0
ρ = 0.33
ρ = 0.35
ρ = 0.59
ρ = 0.32
ρ = 0.24
ρ = 0.32
ρ = 0.33
ρ = 0.15
ρ = 0.23
ρ = 0.23
ρ = 0.37
ρ = 0.53
ρ = 0.46
ρ = 0.32
ρ = 0.09
ρ = 0.2
ρ = 0.52
ρ = 0.53
ρ = 0.25
ρ = 0.25
ρ = 0.38
ρ = 0.43
ρ = 0.52
ρ = 0.58
ρ = 0.35
ρ = 0.25
ρ = 0.39
ρ = 0.43
0 500 1000 1500


Scatterplots of trials for yld
1
2
3
4
5
6
7
8
30%
20%
10%
0%
1500
1000
500
0
0
500
1000
1500


Scatterplots of trials for yld
SS94a
SS92a
NS92a
LN96b
LN96a
IS94a
IS92a
HN96b
30%
20%
10%
0%
1500
1000
500
0
0 500 1000 1500


Scatterplots of trials for yld
HN−96b
IS92a
IS94a
LN96a
LN96b
NS92a
SS92a
SS94a
30%
20%
10%
0%
1500
1000
500
0
0
500
1000
1500