Model report

Wednesday 20th December, 2017 14:49

1 Description of the fitted model

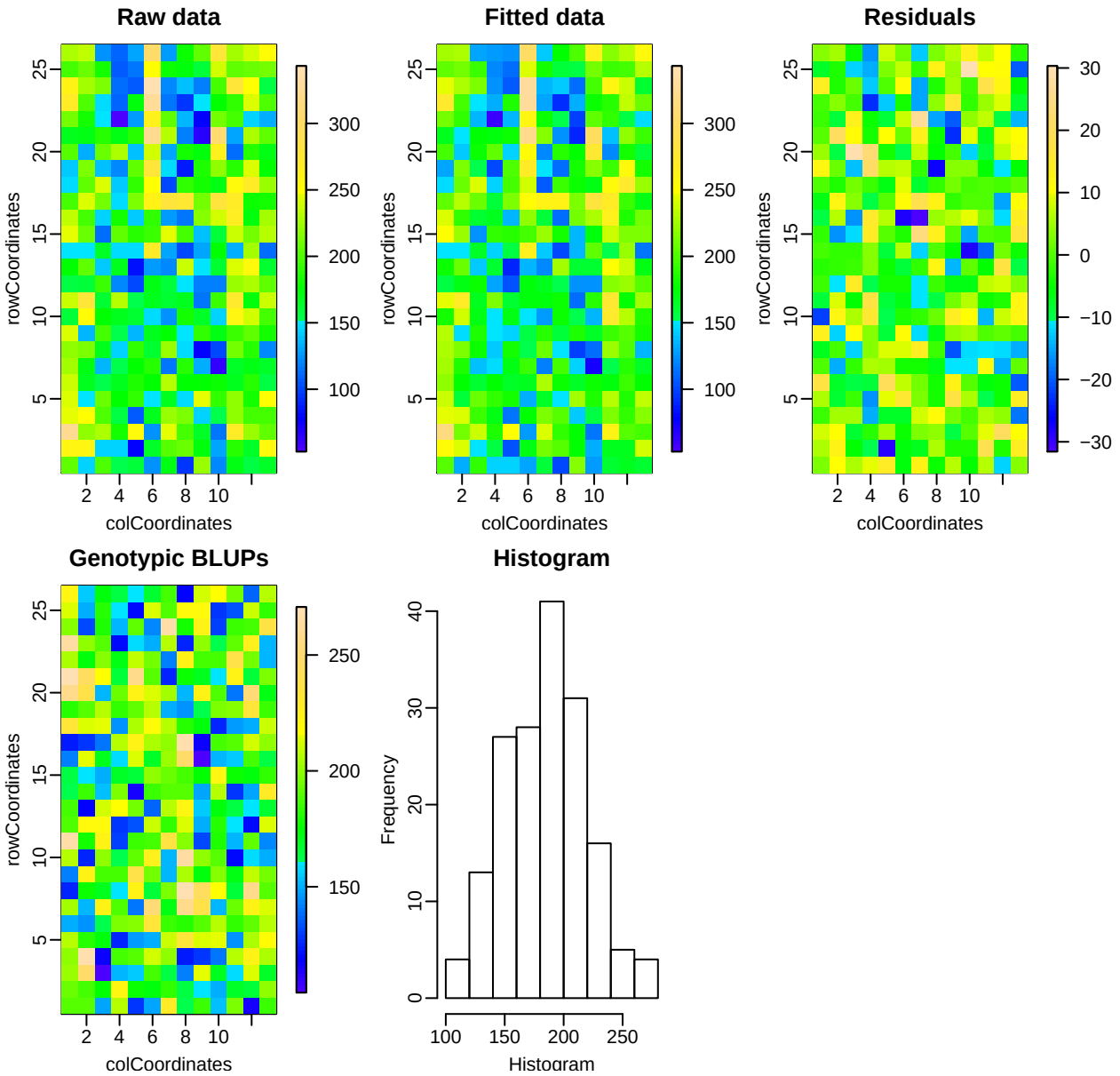
Trait	yield
Experimental design features	row (R) + col (R)
Spatial model	no
Genotype	random

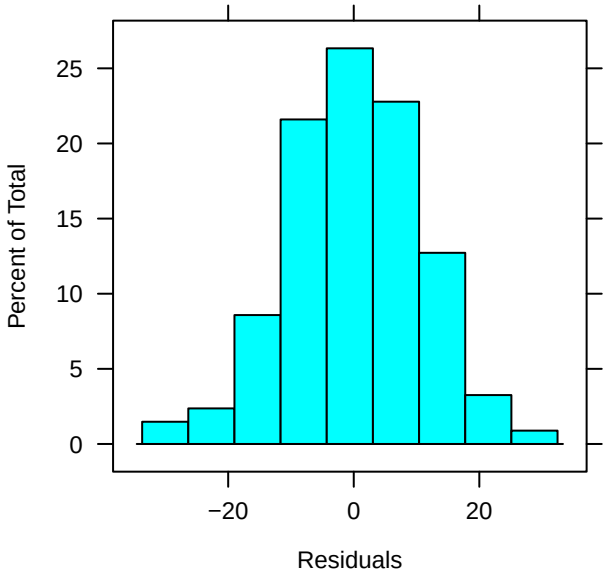
2 Summary of the results

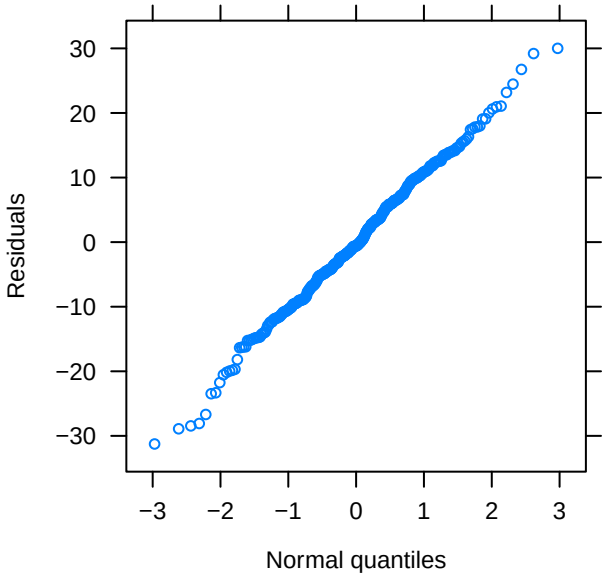
Table 1: Size of the data set and eight number descriptives

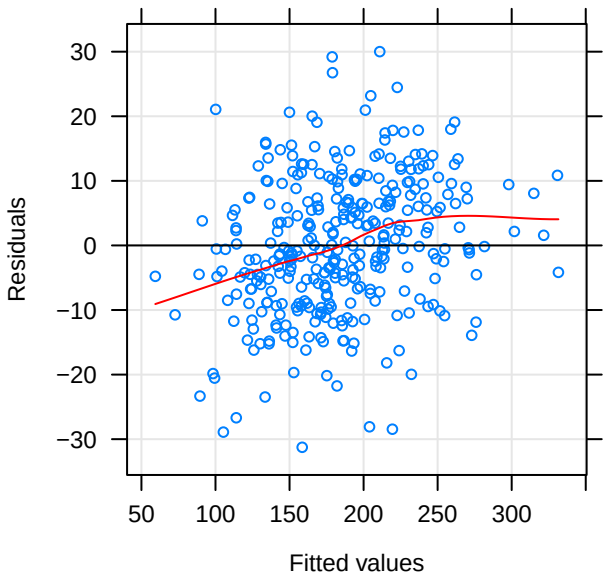
Number of observations	338.00
Number of missing values	0.00
Mean	184.16
Median	179.81
Min	54.58
Max	341.77
Lower quartile	148.56
Upper quartile	220.50
Variance	2569.23

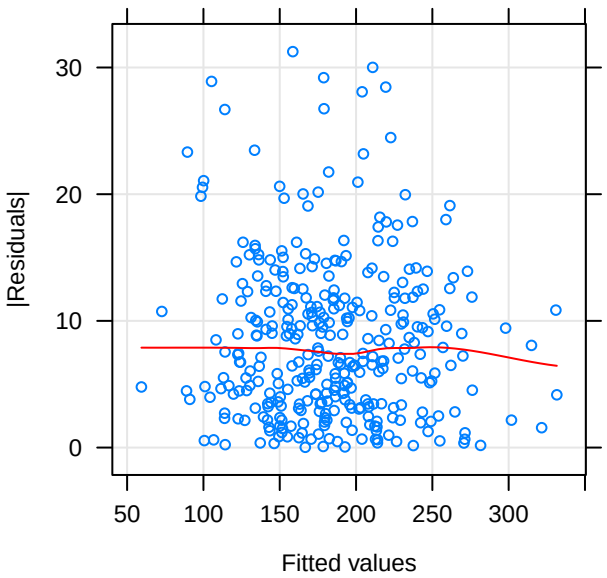
3 Diagnostic plots




Percent of Total
Residuals
25
20
15
10
5
0
−20
0
20


Residuals
Normal quantiles
30
20
10
0
−10
−20
−30
−3
−2
−1
0
1
2
3


Residuals
Fitted values
30
20
10
0
−10
−20
−30
50
100
150
200
250
300


|Residuals|
Fitted values
30
20
10
0
50
100
150
200
250
300

4 List of best 20 genotypes

	predictedBLUPs	se predictedBLUPs
SB023	269.87	12.45
SB032	268.41	12.47
SB011	266.28	12.49
SB025	265.23	12.45
SB022	258.81	13.02
SB144	257.85	12.45
SB156	251.87	13.02
SB031	249.04	13.82
SB055	244.74	12.45
SB128	237.61	13.82
SB054	237.48	13.02
SB194	237.38	12.49
SB020	233.89	12.47
SB155	233.26	12.47
SB183	229.07	13.54
SB163	224.52	12.47
SB076	223.37	12.49
SB140	223.20	13.54
SB127	223.11	12.47
SB071	223.07	13.02