Single trial analysis for yield

1 General information

Analysis done on	18-07-24 09:16:55
Pipeline version	0.0.0.9000
Mixed model engine	asreml

2 Description of the fitted model

Trait	yield
Experimental design features	replicate (F) + row(replicate) (R) + col(replicate) (R)
Spatial model	none
Genotype	fixed

3 Summary of the results

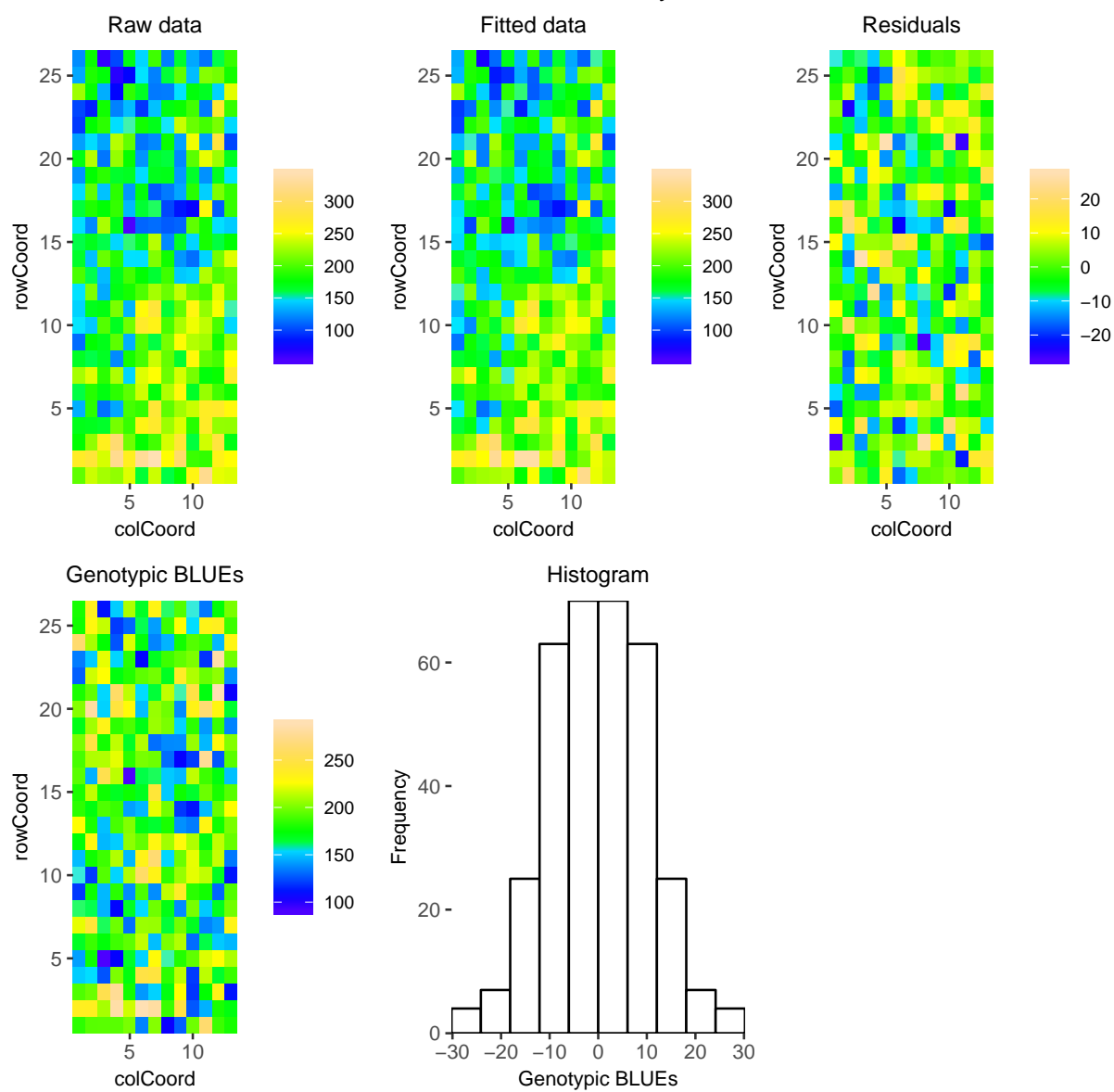Table 1: Size of the data set and eight number descriptives

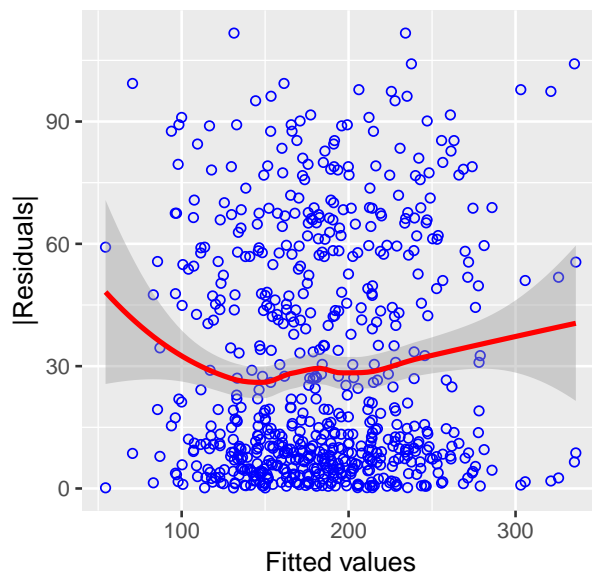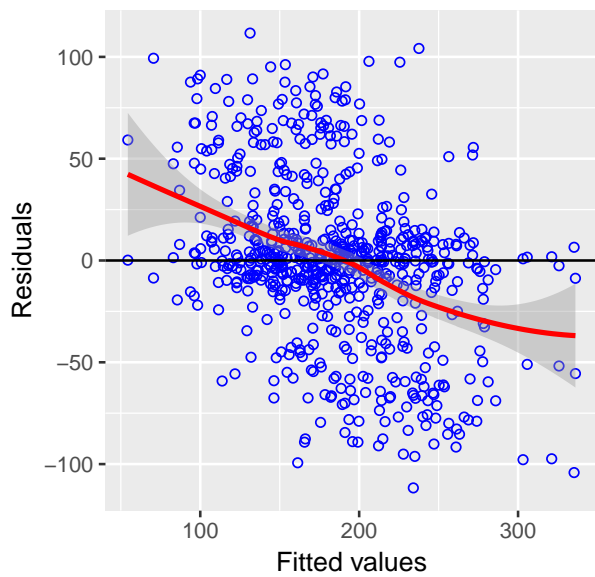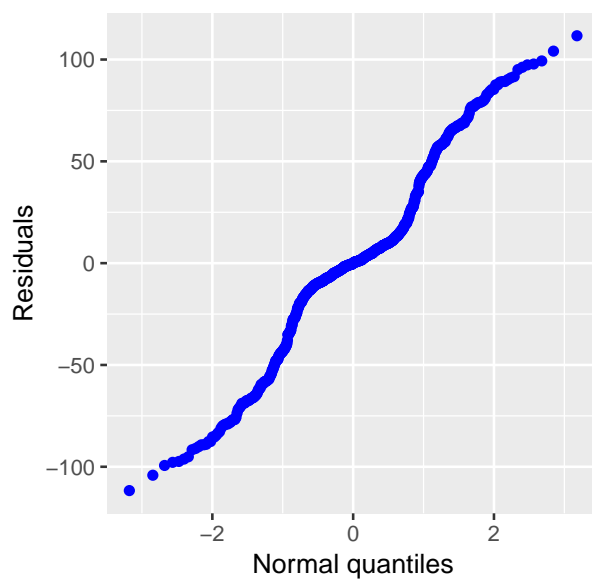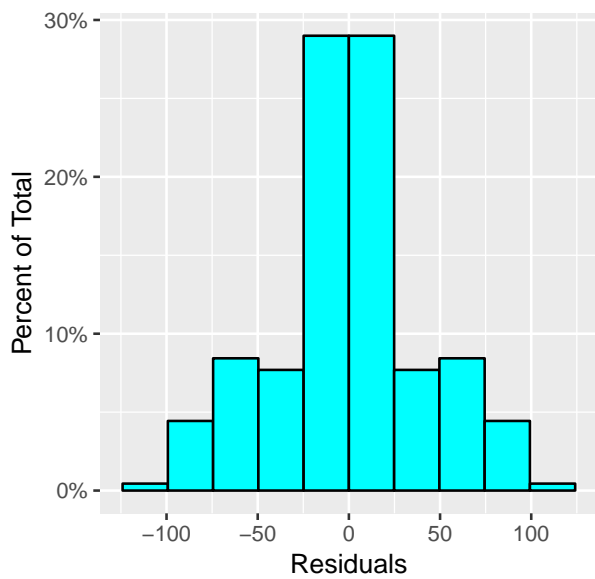|	
Number of observations	338.00
Number of missing values	0.00
Mean	184.16
Median	179.81
Min	54.58
Max	341.77
Lower quartile	148.56
Upper quartile	220.50
Variance	2569.23

Table 2: Variance components

	Variance	SE
Col(replicate)	227.19	88.45
Row(replicate)	218.10	85.98
Residual	246.04	30.34

4 Diagnostic plots

Trial: HEAT05 Trait: yield

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5 List of best 10% genotypes with highest BLUEs

genotype	yield	SE
SB023	287.62	15.80
SB025	283.73	15.80
SB022	281.52	17.28
SB032	277.20	15.83
SB156	264.54	17.28
SB011	263.22	15.86
SB144	260.61	15.80
SB031	251.98	15.86
SB055	248.72	15.80
SB020	248.09	15.83
SB054	246.50	17.28
SB093	244.35	17.28
SB128	238.13	15.86
SB028	235.98	15.83
SB027	235.65	15.80
SB155	232.57	15.83
SB045	232.22	15.83