

# Finlay-Wilkinson report

2018-01-15 12:01:07

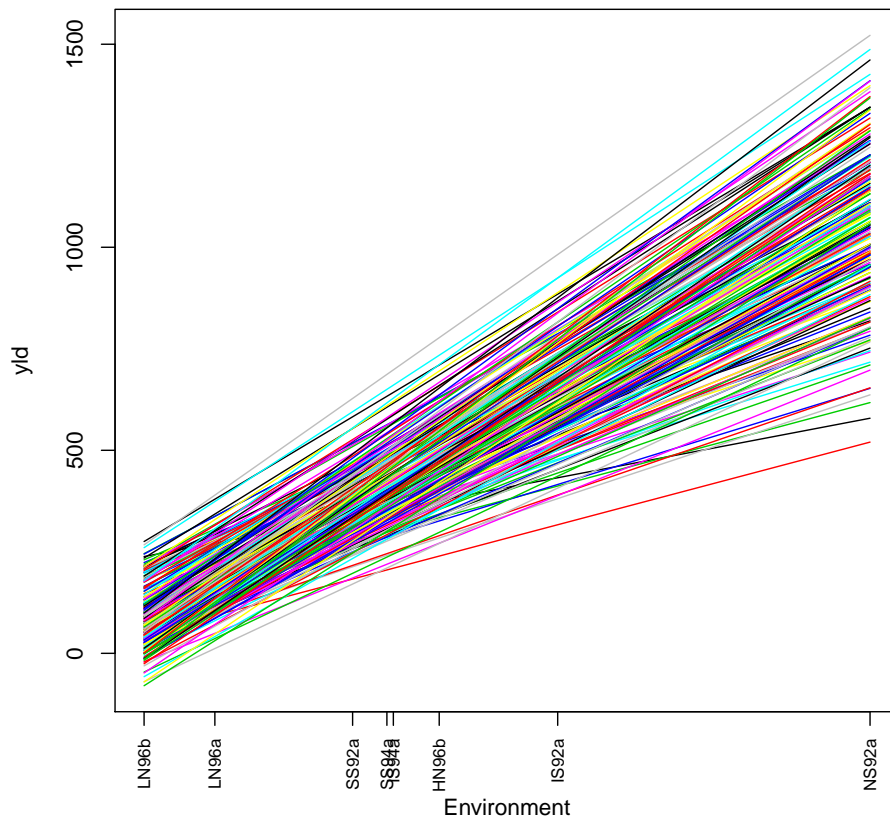
## 1 Background information

Modeling date 18-01-15  
Modeling time 12:01:07  
Pipeline version 0.0.0.9000

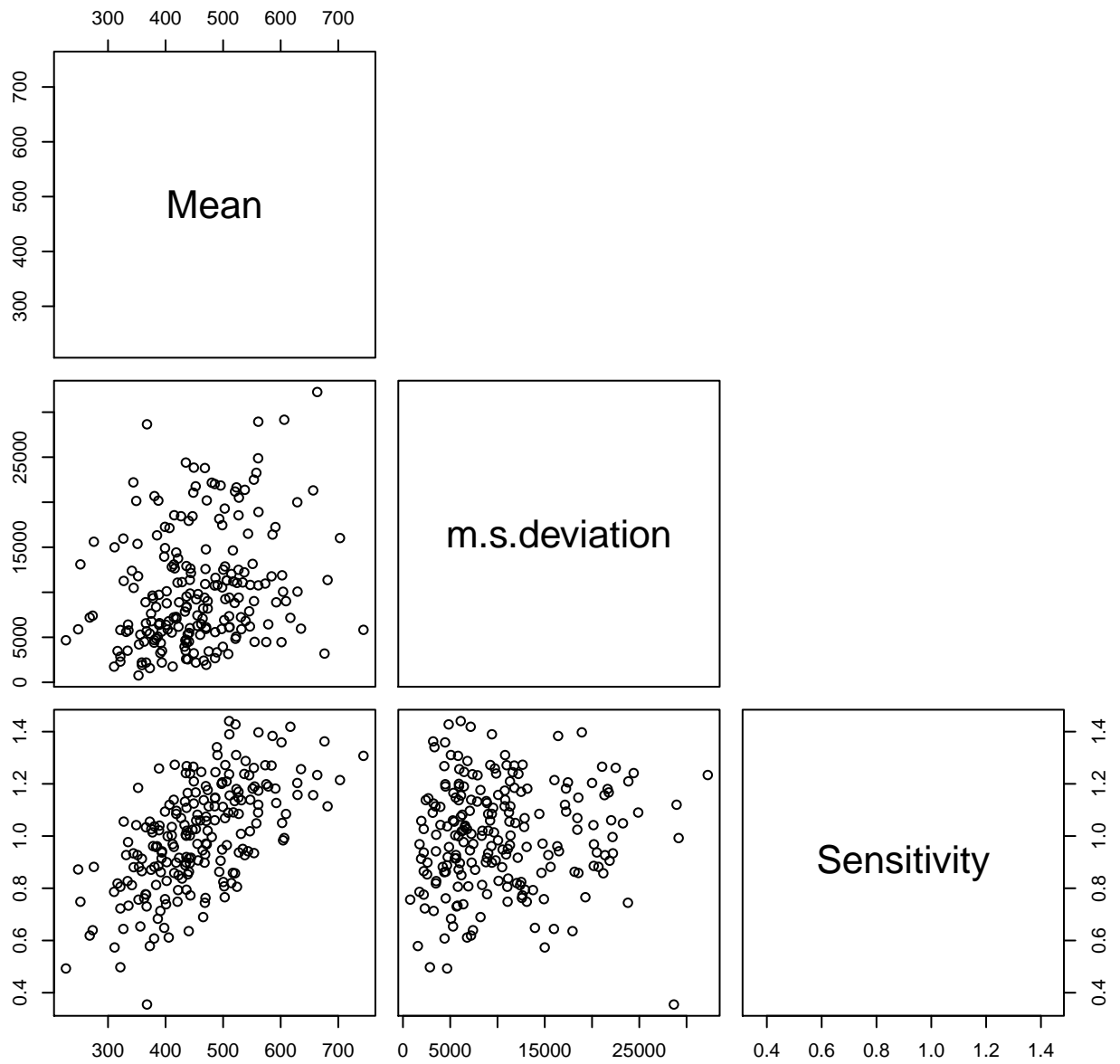
## 2 Anova table

	Df	Sum Sq	Mean Sq	F value	Pr(>F)	
Genotype	210	13821018	65814	6.32	5.54E-99	***
Environment	7	127771687	18253098	1753.13	0.00E+00	***
Sensitivities	210	5178199	24658	2.37	7.65E-20	***
Residual	1260	13118797	10412			
Total	1687	159889702	94778			
Significance codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1						

### 3 Diagnostic plots



## Finlay & Wilkinson analysis



## 4 Finlay-Wilkinson model parameter estimates

Table 1: Top 10 genotypes by sensitivity

genotype	sens	sigmaE	genMean	sigma	mse
G091	1.44	0.13	510.45	35.99	6109.57
G194	1.43	0.13	521.42	35.99	4836.09
G055	1.42	0.13	616.85	35.99	7160.22
G042	1.40	0.13	561.39	35.99	18919.35
G103	1.39	0.13	510.80	35.99	9408.33
G061	1.38	0.13	585.75	35.99	16409.48
G192	1.36	0.13	676.14	35.99	3193.96
G130	1.36	0.13	601.40	35.99	4458.48
G037	1.34	0.13	489.12	35.99	3331.92
G105	1.31	0.13	522.55	35.99	5070.66

Table 2: Bottom 10 genotypes by sensitivity

genotype	sens	sigmaE	genMean	sigma	mse
G008	0.64	0.13	326.60	35.99	15968.01
G180	0.64	0.13	273.32	35.99	7402.71
G176	0.64	0.13	440.20	35.99	17935.22
G140	0.62	0.13	268.21	35.99	7196.21
G207	0.61	0.13	405.44	35.99	6783.34
G141	0.61	0.13	380.16	35.99	4401.87
G203	0.58	0.13	372.60	35.99	1574.83
G133	0.57	0.13	311.34	35.99	14996.62
G112	0.50	0.13	321.41	35.99	2852.47
G118	0.49	0.13	226.83	35.99	4672.36
G041	0.35	0.13	367.72	35.99	28655.56