

Multi QTL model report

2018-01-02 15:00:05

1 Summary

Table 1: Model summary

Method	Hayley-Knott
Model	normal
Number of observations	150
Model formula	$y \sim Q1 + Q2 + Q3 + Q4 + Q5 + Q6 + Q7 + Q8$

Table 2: Full model result

	df	SS	MS	LOD	%var	Pvalue(Chi2)	Pvalue(F)
Model	16	17190	1074	19.99	45.86	1.05e-12	1.58e-11
Error	133	20294	153				
Total	149	37484					

2 Anova

	df	Type III SS	LOD	%var	F value	Pvalue(Chi2)	Pvalue(F)	
1@98.0	2	992	1.56	2.65	3.25	2.79e-02	4.18e-02	*
1@120.0	2	2748	4.14	7.33	9.00	7.31e-05	2.15e-04	***
2@65.0	2	111	0.18	0.30	0.36	6.65e-01	6.97e-01	
2@80.0	2	34	0.06	0.09	0.11	8.81e-01	8.93e-01	
2@97.0	2	145	0.23	0.39	0.48	5.86e-01	6.23e-01	
2@115.0	2	507	0.80	1.35	1.66	1.57e-01	1.94e-01	
4@100.0	2	2899	4.35	7.73	9.50	4.47e-05	1.39e-04	***
5@20.0	2	1090	1.70	2.91	3.57	1.97e-02	3.08e-02	*
Significance codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1								