

Supplementary Table 1 Test of residuals for the fitted model

Testing	Test used	Null hypothesis	Test statistic	P-value
Randomness	Run test	Residuals are independent	-0.45947 ^S	0.6459
Zero mean	t-test	Residuals have zero mean	-3.3615e-17 ^S	1
Heteroscedasticity	Bseusch-Pagan test	Residual variance are homogeneous	5.6791 ^S	0.6831
Normality	Shapiro-Wilk normality test	Residuals are normally distributed	0.96871 ^S	0.7273

* s, H_0 accepted (assumption satisfied) for $p > 0.05$.