

## Supplementary Material

**Table S1 - ANOVA – complete summary of the regression and residual analysis**

<b>BBE1</b>						
	<b>DF</b>	<b>SS</b>	<b>MS (variance)</b>	<b>F</b>	<b>p</b>	<b>SD</b>
Total	13	44,248.1	3403.7			
Constant	1	43,633.4	43633.4			
Total corrected	12	614.64	51.22			7.15682
Regression	5	614.233	122.847	2112.44	<b>0.000</b>	11.0836
Residual	7	0.407077	0.0581539			0.241151
Lack of Fit	2	0.032481	0.0162404	0.216771	<b>0.812</b>	0.127438
<b>BBE2</b>						
	<b>DF</b>	<b>SS</b>	<b>MS (variance)</b>	<b>F</b>	<b>p</b>	<b>SD</b>
Total	12	62,084.4	5173.7			
Constant	1	62,006.6	62006.6			
Total corrected	11	77.8445	7.07677			2.66022
Regression	5	77.5041	15.5008	273.225	<b>0.000</b>	3.93711
Residual	6	0.340397	0.0567328			0.238186
Lack of Fit	1	0.153448	0.153448	4.10399	<b>0.099</b>	0.391724
<b>BBE3</b>						
	<b>DF</b>	<b>SS</b>	<b>MS (variance)</b>	<b>F</b>	<b>p</b>	<b>SD</b>
Total	13	57,235.1	4402.7			
Constant	1	57,130.7	57130.7			
Total corrected	12	104.37	8.69747			2.94915
Regression	5	104.105	20.821	551.094	<b>0.000</b>	4.56301
Residual	7	0.264469	0.0377813			0.194374
Lack of Fit	2	0.076544	0.0382718	1.01827	<b>0.426</b>	0.195632

Abbreviations: DF – degrees of freedom, SS – sum of squares, MS – mean square (=SS/DF), F-distribution value, p – probability, SD – standard deviation.