

Supplementary Table S1. The generalized linear model (GLM) output in SPSS for chlorogenic acid (3-caffeoylquinic acid (CQA), 4-CQA, 5-CQA, and 3,5-diCQA) content of espresso-based coffee brews prepared from different bean origins

Tests of Between-Subjects Effects

Source	Dependent Variable	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	3-CQA	69275.883 ^a	11	6297.808	317.392	.000
	4-CQA	103739.622 ^b	11	9430.875	372.331	.000
	5-CQA	486967.954 ^c	11	44269.814	360.026	.000
	3,5-diCQA	411.557 ^d	11	37.414	96.232	.000
Intercept	3-CQA	39580.210	1	39580.210	1994.733	.000
	4-CQA	59741.155	1	59741.155	2358.579	.000
	5-CQA	304582.505	1	304582.505	2477.028	.000
	3,5-diCQA	375.721	1	375.721	966.375	.000
Bean origins	3-CQA	48.372	2	24.186	1.219	.313
	4-CQA	83.894	2	41.947	1.656	.212
	5-CQA	1103.900	2	551.950	4.489	.122
	3,5-diCQA	19.235	2	9.617	24.736	.100
Brews	3-CQA	69012.839	3	23004.280	1159.352	.000
	4-CQA	103479.688	3	34493.229	1361.791	.000
	5-CQA	483020.563	3	161006.854	1309.394	.000
	3,5-diCQA	349.149	3	116.383	299.344	.000
Bean origins * Brews	3-CQA	214.672	6	35.779	1.803	.141
	4-CQA	176.040	6	29.340	1.158	.361
	5-CQA	2843.492	6	473.915	3.854	.108
	3,5-diCQA	43.173	6	7.195	18.507	.100

a. R Squared = .993 (Adjusted R Squared = .990)

b. R Squared = .994 (Adjusted R Squared = .992)

c. R Squared = .994 (Adjusted R Squared = .991)

d. R Squared = .978 (Adjusted R Squared = .968)

e. Computed using alpha = .05