

Supplementary Table S6. The generalized linear model (GLM) output in SPSS for alkaloids content (trigonelline, theobromine, and caffeine) 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	Trigonelline	395971.632 ^a	11	35997.421	18.701	.000
	Theobromine	7635.104 ^b	11	694.100	62.074	.000
	Caffeine	867607.787 ^c	11	78873.435	167.280	.000
Intercept	Trigonelline	307850.802	1	307850.802	159.931	.000
	Theobromine	4709.041	1	4709.041	421.132	.000
	Caffeine	948555.749	1	948555.749	2011.757	.000
Bean origins	Trigonelline	8992.280	2	4496.140	2.336	.018
	Theobromine	1161.799	2	580.900	51.950	.000
	Caffeine	4887.156	2	2443.578	5.182	.013
Brews	Trigonelline	364644.728	3	121548.243	63.145	.000
	Theobromine	3721.364	3	1240.455	110.935	.000
	Caffeine	849355.329	3	283118.443	600.456	.000
Bean origins * Brews	Trigonelline	22334.624	6	3722.437	1.934	.016
	Theobromine	2751.940	6	458.657	41.018	.000
	Caffeine	13365.301	6	2227.550	4.724	.003

a. R Squared = .896 (Adjusted R Squared = .848)

b. R Squared = .966 (Adjusted R Squared = .950)

c. R Squared = .987 (Adjusted R Squared = .981)

d. Computed using alpha = .05