

Table 3: Partial correlation analysis of main flavor-active phenolic compounds

Control Variables			^α CL	^β SA	^γ SP	^ϕ KSS	^δ KS	^η TA
Size	CL	corr		0.59	0.50	0.06	0.40	0.07
Solvent		sig		0.00	0.00	0.42	0.00	0.36
Concentration	SA	corr	0.59		0.57	0.09	0.66	-0.04
Temperature		sig	0.00		0.00	0.27	0.00	0.62
	SP	corr	0.50	0.57		0.22	0.59	0.32
		sig	0.00	0.00		0.00	0.00	0.00
	KSS	corr	0.06	0.09	0.22		0.59	0.32
		sig	0.42	0.27	0.00		0.00	0.00
	KS	corr	0.40	0.66	0.59	0.47		0.34
		sig	0.00	0.00	0.00	0.00		0.00
	TA	corr	0.07	-0.04	0.32	0.57	0.34	
		sig	0.36	0.62	0.00	0.00	0.00	

corr: correlation; sig: level of significance; ^αCL: canolol; ^βSA: sinapic acid; ^γSP: sinapine; ^ϕKSS: kaempferol 3-*O*-(2'''-*O*-sinapoyl- β -sophoroside); ^δKS: kaempferol 3-*O*- β -sophoroside; ^ηTA: thomasidioic acid