

Table 4: Linear Relationship between major flavor-active phenolic compounds

Regression Analysis	Sum of Squares	DF	Mean Square	Std Error of Estimates	R ²	Adjusted R ²	Significance
^γ SP Vs ^β SA (transformed data)							
Regression	28.91	1	28.91	0.22	0.77	0.77	0.00
Residual	8.45	176	0.05				
Total	37.35	177					
SP Vs ^α CL (transformed data)							
Regression	23.66	1	23.66	0.35	0.51	0.51	0.00
Residual	22.65	182	0.12				
Total	46.31	183					
SA Vs CL (transformed data)							
Regression	18.52	1	18.52	0.38	0.43	0.42	0.00
Residual	24.96	170	0.15				
Total	43.48	171					
SA Vs ^η TA (transformed data)							
Regression	3183.99	1	3183.99	356.56	0.35	0.35	0.00
Residual	5829.94	173	33.70				
Total	9013.92	174					
SP Vs TA (transformed data)							
Regression	5607.53	1	5607.53	5.38	0.51	0.51	0.00
Residual	5350.65	185	28.92				
Total	10958.18	186					
CL Vs TA (transformed data)							
Regression	2473.14	1	2473.14	6.64	0.24	0.23	0.00
Residual	7893.77	179	44.10				
Total	10366.91	180					
CL Vs ^δ KS (transformed data)							
Regression	14348.58	1	14348.58	9.69	0.46	0.45	0.00
Residual	17082.53	182	93.86				
Total	31431.11	183					

DF: degrees of freedom; R²: coefficient of correlation; Adj R² - adjusted coefficient of correlation; ^αCL: canolol; ^βSA: sinapic acid; ^γSP: sinapine; ^δKS: kaempferol 3-*O*- β -sophoroside; ^ηTA: thomasidioic acid