

Table S1. Pearson's correlation coefficients of Total phenolic compounds versus raw and cooked chickpea, with the different antioxidant techniques (ABTS, DPPH, FRAP, AAPH).

		Free			Conjugate			Bound		
		r	R ²	Regression equation	r	R ²	Regression equation	r	R ²	Regression equation
Raw chickpea	ABTS	0.911	0.831	y = 0.2487x + 1.3084	0.952	0.908	y = 3.0772x - 64.108	0.887*	0.787	y = 0.2975x - 1.105
	DPPH	0.867	0.752	y = 0.2137x + 4.5855	0.982	0.965	y = 0.5194x + 3.183	0.885*	0.784	y = 0.536x - 43.363
	FRAP	0.449*	0.202	y = 0.021x + 17.587	0.814*	0.663	y = 0.1063x + 63.468	0.926*	0.858	y = 0.0273x + 67.30
	AAPH	0.911*	0.830	y = 0.1538x + 2.6971	0.879*	0.773	y = 1.7113x + 22.097	0.950*	0.902	y = 0.2286x + 43.08
Cooked chickpea	ABTS	0.909	0.826	y = 0.1093x + 6.1471	0.852	0.877	y = 0.1776x + 5.6806	0.938*	0.880	y = 0.0712x + 13.89
	DPPH	0.708	0.502	y = 0.26x + 1.8703	0.950	0.903	y = 1.2526x - 14.664	0.945*	0.893	y = 0.1263x + 13.37
	FRAP	0.975*	0.464	y = 0.878x + 2.7693	0.928*	0.903	y = 1.2526x - 14.664	0.966*	0.933	y = 0.0264x + 27.64
	AAPH	0.941*	0.885	y = 0.6273x - 7.5899	0.873*	0.762	y = 1.477x + 3.076	0.927*	0.792	y = 0.0617x + 36.06

*Correlation is significant at $p < 0.01$.