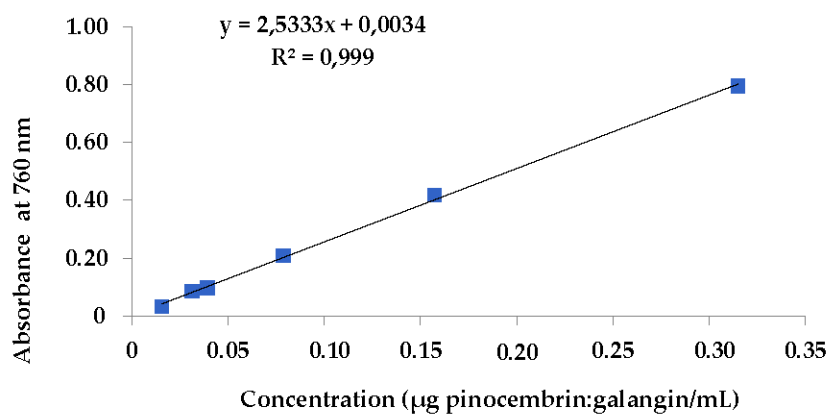
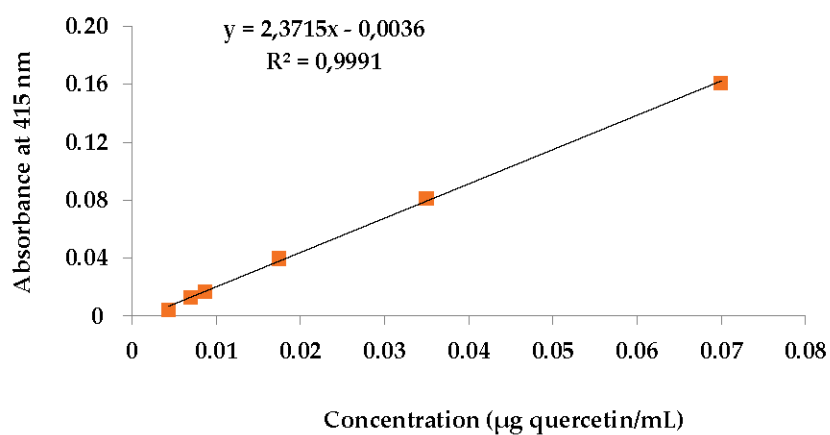


A)



B)



C)

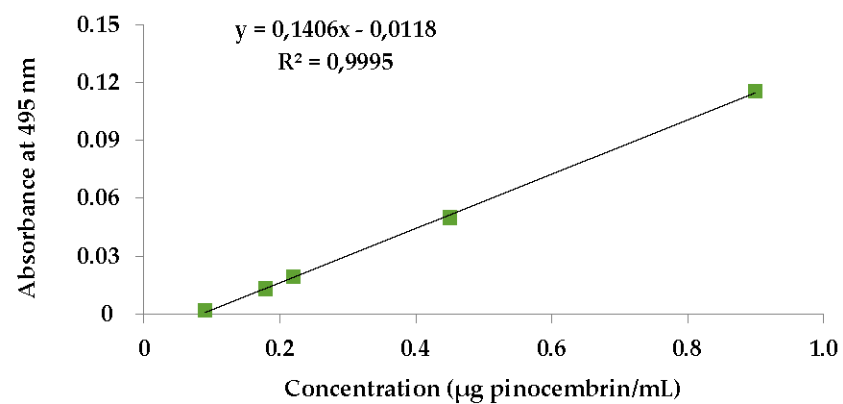


Figure S1. Calibration curve for the content of **A)** total phenols (TP) by Folin-Ciocalteu method, **B)** total flavones and flavonols (TFF) by aluminium complexation method, **C)** total flavanones/dihydroflavonols (TFD) by 2,4-dinitrophenylhydrazine method.

Table S1. Preparation of simulated solutions: simulated saliva fluid (SSF), simulated gastric fluid (SGF) and simulated intestinal fluid (SIF)

Simulated digestion fluid *	Volume of the solution (mL)					
	KCl (37.3 g L ⁻¹)	KH ₂ PO ₄ (68 g L ⁻¹)	NaHCO ₃ (84 g L ⁻¹)	NaCl (117 g L ⁻¹)	MgCl ₂ · 6 H ₂ O (30.5 g L ⁻¹)	(NH ₄) ₂ CO ₃ (48 g L ⁻¹)
SSF	15.1	3.7	6.8	-	0.5	0.06
SGF	6.9	0.9	12.5	11.8	0.4	0.5
SIF	6.8	0.8	42.5	9.6	1.1	-

* The final volume of each digestive fluid was 500 mL, concentration of 1.25 x; temperature of each digestion fluid was set to 37 °C before the experiment

1 M NaOH and 1 M HCl solutions were used for pH adjustment of digestive fluids