

Table S3: Statistics of antioxidant activity (DPPH % and ABTS%) of Portuguese wheat germplasm evaluated during crop season 2004-05 & 2009-10.

Wheat Species	Crop Season	Antioxidant activity							
		DPPH (%)				ABTS (%)			
		Free Phenolics		Bound Phenolics		Free Phenolics		Bound Phenolics	
		Range	Average	Range	Average	Range	Average	Range	Average
T. aestivum (n=6)	2004-05	0.66-5.42	2.59 ± 0.80	16.97-22.15	19.60 ± 0.84	nd	nd	36.0-64.3	55.1 ± 4.30
	2009-10	nd-7.34	3.50 ± 1.24	9.24-19.35	14.37 ± 1.65	nd-7.75	2.1	72.8-81.2	75.7 ± 1.27
	Combined	0.38-5.19	3.04 ± 0.82	13.11-19.67	17.41 ± 0.96	nd-3.9	1.1	54.5-70.1	65.4 ± 2.52
T. durum (n=8)	2004-05	0.53-6.11	2.64 ± 0.66	12.11-23.27	17.85 ± 1.50	nd	nd	12.6-80.1	53.1 ± 5.59
	2009-10	nd-11.2	3.40 ± 1.36	9.10-28.43	18.98 ± 2.06	nd	nd	39.1-80.4	66.9 ± 4.33
	Combined	0.95-6.59	2.54 ± 0.67	11.99-25.44	18.14 ± 1.42	nd	nd	41.8-80.3	60.0 ± 3.95

n and nd denote number of genotypes and not detected, respectively