

**Table S2.** DPPH radical scavenging activity (%) for different concentrations of fruits extracts in bilberry populations during 2018-2020

Year	2018				
Population	Concentration				
	10 mg/mL	5 mg/mL	2.5 mg/mL	1.25 mg/mL	0.67 mg/mL
Muntele Mic	90.64±0.13 b x	85.52±0.15 b y	83.03±0.02 c z	78.14±0.10 c u	73.22±0.01 d v
Raul Lung	88.11±0.29 c x	83.39±0.21 c y	80.49±0.12 d z	77.36±0.06 cd u	73.72±0.23 cd v
Semenic	84.76±0.44 d x	83.92±0.23 c y	83.44±0.08 c y	81.59±0.03 a z	76.60±0.09 a u
Cuntu	83.40±0.30 e x	82.02±0.18 d y	78.31±0.16 e z	76.46±0.03 d u	74.33±0.21 c v
Sadova Noua	85.65±0.13 d x	85.19±0.08 b x	84.77±0.18 b x	80.21±0.08 b y	75.21±0.05 b z
Padis	92.88±0.72 a x	91.76±0.05 a y	88.68±0.10 a z	81.86±0.03 a u	73.39±0.03 d v
Year	2019				
Population	Concentration				
	10 mg/mL	5 mg/mL	2.5 mg/mL	1.25 mg/mL	0.67 mg/mL
Muntele Mic	87.47±0.33 ab x	86.25±0.87 a y	82.27±0.11 a z	77.74±0.04 a v	75.15±0.01 a u
Raul Lung	88.30±0.10 a x	85.09±0.05 b y	80.62±0.04 b z	77.65±0.07 ab v	74.55±0.04 bc u
Semenic	87.34±0.23 ab x	84.59±0.20 b y	80.97±0.05 b z	77.13±0.04 ab v	73.99±0.06 cd u
Cuntu	86.87±0.11 b x	82.74±0.11 c y	78.88±0.10 c z	76.69±0.02 b v	73.02±0.01 d u
Sadova Noua	87.70±0.01 ab x	79.61±0.24 e y	76.57±0.16 d z	75.27±0.05 d v	74.75±0.03 bc v
Padis	85.38±0.23 c x	81.72±0.20 d y	77.28±0.05 d z	75.68±0.04 c v	71.66±0.06 e u
Year	2020				
Population	Concentration				
	10 mg/mL	5 mg/mL	2.5 mg/mL	1.25 mg/mL	0.67 mg/mL
Muntele Mic	75.99±0.40 c x	72.45±0.53 c y	68.84±0.16 b z	64.76±0.17 c v	63.03±0.63 de u
Raul Lung	84.82±0.42 b x	80.77±0.23 b y	77.67±0.12 a z	75.28±0.13 a v	72.26±0.03 b u
Semenic	75.70±0.71 c x	71.16±0.42 d y	68.99±0.33 b z	66.86±0.42 b v	63.97±0.24 cd u
Cuntu	73.01±0.49 d x	70.86±0.38 d y	68.01±0.32 b z	65.06±0.21 c v	64.03±0.06 c u
Sadova Noua	75.60±0.81 c x	70.92±0.08 d y	65.91±0.27 c z	63.03±0.16 d v	62.87±0.21 e v
Padis	89.42±0.17 a x	83.37±0.13 a y	77.96±0.19 a z	75.89±0.15 a v	74.21±0.09 a u
Ascorbic acid	0.1 mg/mL	0.08 mg/mL	0.06 mg/mL	0.04 mg/mL	0.02 mg/mL
	71.30±0.31	70.76±0.12	62.07±0.27	61.82±0.27	51.49±0.21

Concentration x population LSD5% = 1.02

Data represents mean ± SE. Different letters (a, b, c, d, e) in the column indicate significant differences ( $p \leq 0.05$ ) between populations. Different superscript letters (x, y, z, u, v) in the row indicate significant differences ( $p \leq 0.05$ ) between concentrations.