

**Table S1.** R-Spearman correlation coefficients and p-value between micronutrients in the coat of Hucul horses in the summer season (s), above the diagonal for stable A and below for stable B.

	Fe	Cu	Mn	Zn	Al
Fe		0.4550 p=0.0036	0.8060 p=0.0000	ns	0.9699 p=0.0000
Cu	0.4550 p=0.0036		0.5194 p=0.0007	0.7066 p=0.0000	0.4377 p=0.0053
Mn	0.5874 p=0.0000	ns		0.6212 p=0.0000	0.8243 p=0.0000
Zn	ns	0.4653 p=0.0013	ns		0.3195 p=0.0474
Al	0.9419 p=0.0000	ns	0.6467 p=0.0000	0.5666 p=0.0000	

ns – Spearman correlation coefficient value not statistically significant.

**Table S2.** R-Spearman correlation coefficients and p value between micronutrients in the coat of Hucul horses in the autumn season (a), above the diagonal for stable A and below for stable B.

	Fe	Cu	Mn	Zn	Al
Fe		0.4690 p=0.0039	0.8118 p=0.000	ns	0.8792 p=0.0000
Cu	0.5221 p=0.0001		0.4219 p=0.0104	0.4009 p=0.0154	0.4294 p=0.0090
Mn	0.8493 p=0.0000	ns		ns	ns
Zn	ns	0.5132 p=0.0002	ns		0.6789 p=0.0000
Al	0.8513 p=0.0000	0.3645 p=0.0109	0.6356 p=0.0000	ns	

ns – Spearman correlation coefficient value not statistically significant.

**Table S3.** R-Spearman correlation coefficients and p value between micronutrients in the coat of Hucul horses in the autumn season (a), above the diagonal for stable A and below for stable B.

	Fe	Cu	Mn	Zn	Al
Fe		0.4284 p=0.0065	ns	ns	0.8318 p=0.0000
Cu	ns		0.3927 p=0.0134	ns	ns
Mn	0.7482 p=0.0000	ns		-0.3557 p=0.0263	ns
Zn	ns	0.6732 p=0.0000	ns		ns
Al	0.9015 p=0.0000	ns	0.6720 p=0.0000	ns	

ns – Spearman correlation coefficient value not statistically significant.