

Supplement 1. Mann-Whitney U test of significant differences for the biochemical parameters in females (F) and males (M) from the trapping plots.

Parameter	Organ	№ trapping plots (year)											
		9(2010)		7 (2012)		3(2011)		2(2011)		17(2012)		18(2011)	
		F:n=9; M:n=8		F:n=9; M:n=6		F:n=11; M:n=10		F:n=15; M:n=8		F:n=7; M:n=5		F:n=8; M:n=4	
		U(15*)	<i>p</i>	U(10*)	<i>p</i>	U(26*)	<i>p</i>	U(29*)	<i>p</i>	U(5*)	<i>p</i>	U(4*)	<i>p</i>
Total lipids/protein ratio	Adrenals	322	0.700	27	1.000	50	0.725	58.5	0.922	12	0.372	4	0.041
TBARS concentration		26	0.336	12	0.241	40.5	0.307	31.5	0.065	13	0.465	15	0.865
Total protein content		35	0.923	26	0.906	41.5	0.341	44	0.549	16	0.807	8	0.174
Total protein content	Spleen	22	0.178	27	1.000	30	0.078	42	0.178	13	0.465	13	0.610
DNA/total protein		20	0.123	19	0.346	46	0.526	53	0.500	15	0.685	9	0.235
Total RNA/DNA		27	0.386	16	0.195	53	0.888	62	0.902	12	0.371	6	0.089
TBARS concentration		29	0.500	10	0.045	48	0.622	39	0.126	13	0.465	11	0.396
Catalase activity		18.5	0.092	23	0.637	38	0.231	55	0.581	11	0.291	15	0.865
GPI activity		30	0.564	14	0.126	40	0.290	62	0.902	15	0.685	15	0.865

* Critical values for the Mann-Whitney Test (U) at $p=0.05$