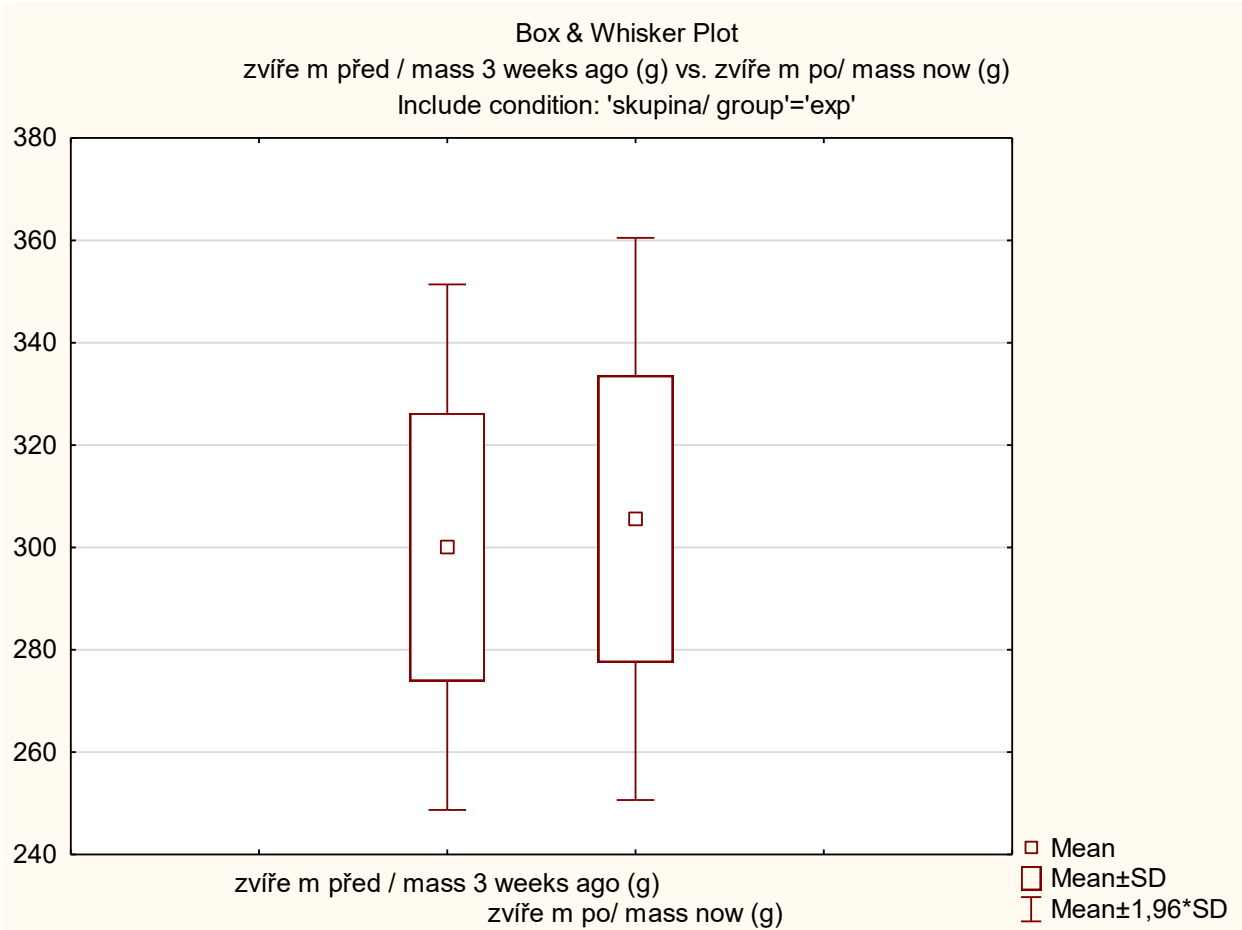


Deskriptivní statistika / descriptive statistics:

Variable	skupina/ group=exp Descriptive Statistics (renin vysledky_2024_corr)									
	Valid N	Mean	Median	Mode	Frequency of Mode	Minimum	Maximum	Lower Quartile	Upper Quartile	Std.Dev.
zvíře m před / mass 3 weeks ago (g)	108	300,0648	300,0000	300,0000	9	190,0000	389,0000	283,0000	315,0000	26,18956
zvíře m po/ mass now (g)	130	304,4231	303,0000	285,0000	7	175,0000	387,0000	290,0000	322,0000	28,19172
levá ledvina / left kidney %	130	0,0035	0,0037	,0037857	3	0,0010	0,0062	0,0032	0,0039	0,00095
pravá ledvina / right kidney %	130	0,0042	0,0040	Multiple	2	0,0012	0,0093	0,0037	0,0045	0,00097
rozdíl pravá-levá ledvina / kidney difference	129	0,2243	0,0800	-,010000	5	-1,4100	1,6200	-0,0050	0,2050	0,45436
srdce %	130	0,0032	0,0031	Multiple	2	0,0025	0,0052	0,0029	0,0034	0,00049

Variable	skupina/ group=kon Descriptive Statistics (renin vysledky_2024_corr)									
	Valid N	Mean	Median	Mode	Frequency of Mode	Minimum	Maximum	Lower Quartile	Upper Quartile	Std.Dev.
zvíře m po/ mass now (g)	23	310,7391	310,0000	Multiple	3	276,0000	340,0000	295,0000	328,0000	18,01065
levá ledvina / left kidney %	23	0,0037	0,0037	Multiple	1	0,0030	0,0045	0,0035	0,0039	0,00036
pravá ledvina / right kidney %	23	0,0038	0,0037	Multiple	1	0,0032	0,0045	0,0035	0,0040	0,00036
rozdíl pravá-levá ledvina / kidney difference	23	0,0098	0,0150	Multiple	2	-0,0750	0,0950	-0,0300	0,0500	0,04616
srdce %	23	0,0031	0,0031	,0031290	2	0,0026	0,0042	0,0028	0,0032	0,00039

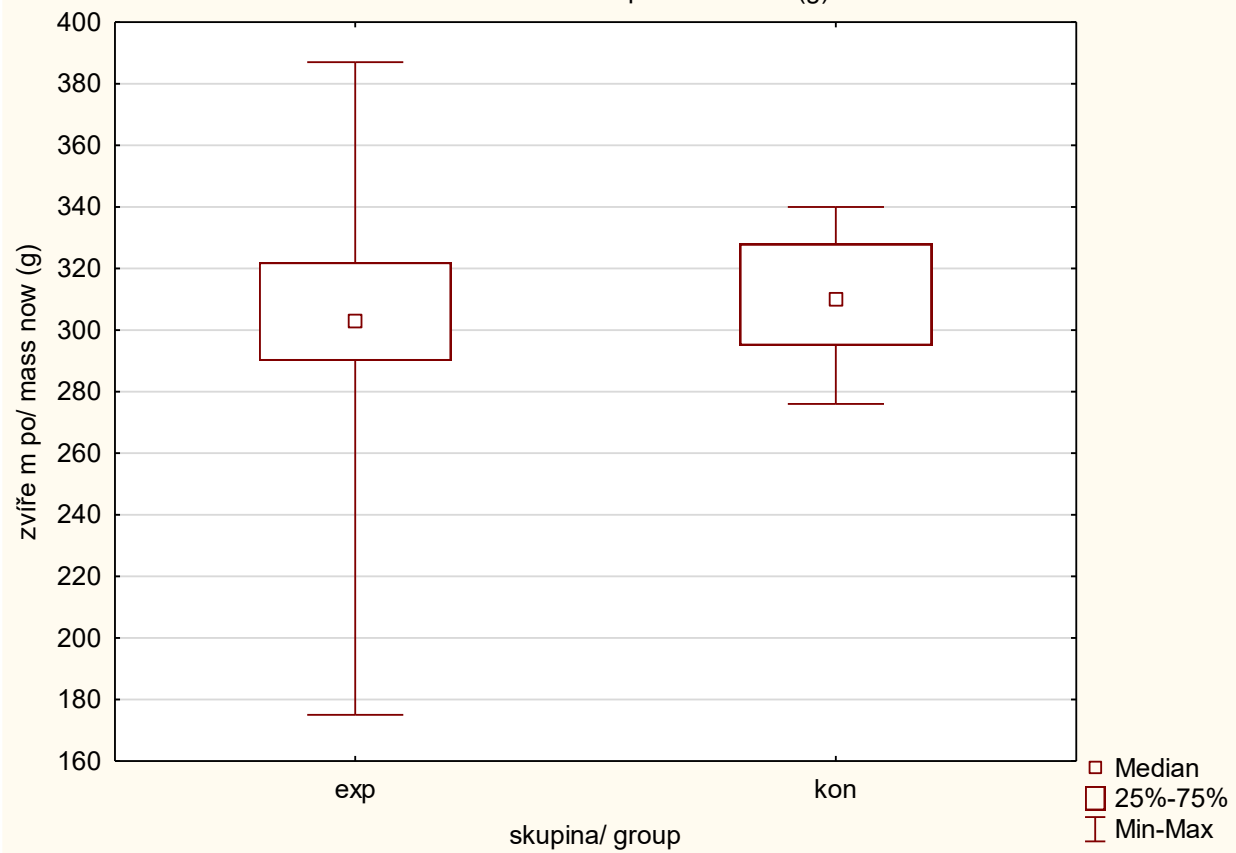
Změna hmotnosti zvířat v experimentální skupině – párový t-test / Change in weight of the animals belonging to the experimental group – paired t-test:



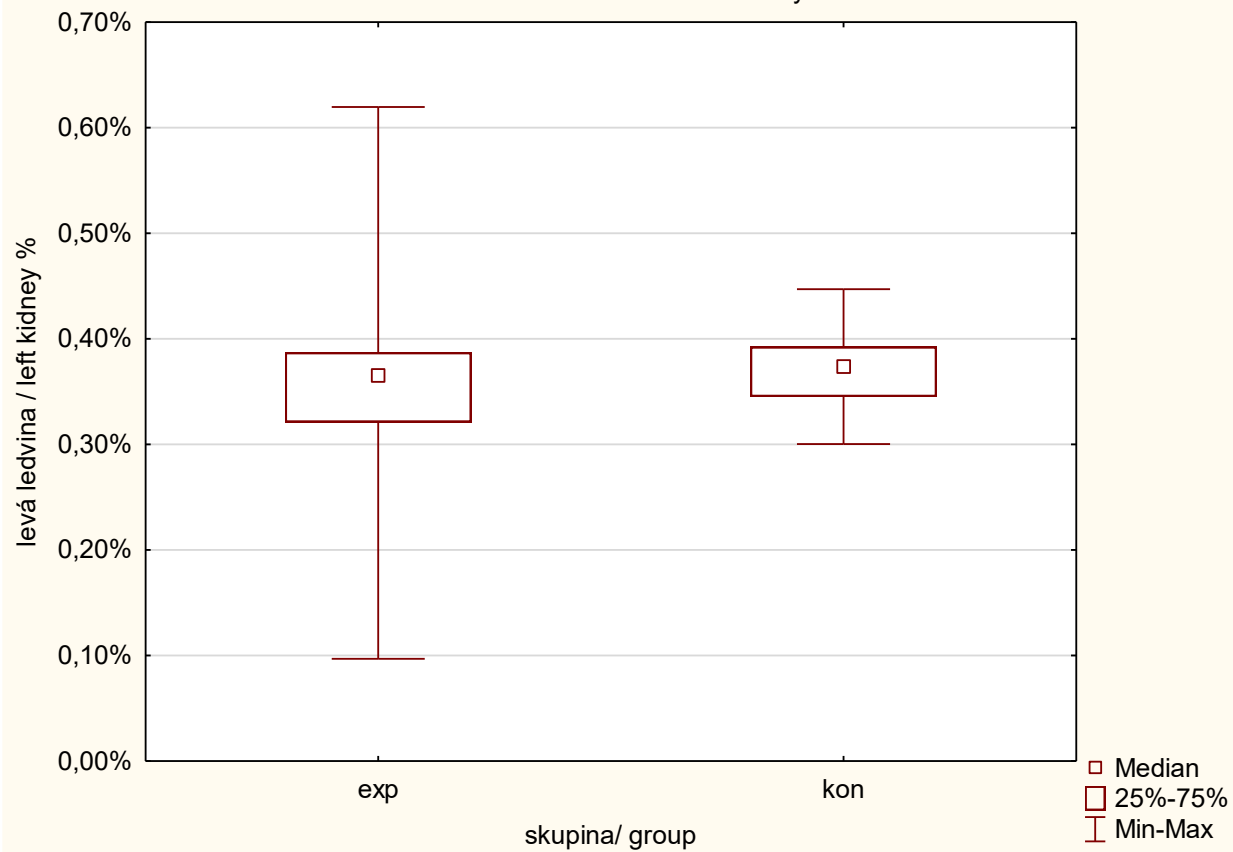
T-test for Dependent Samples (renin vysledky_2024_corr)										
Marked differences are significant at p < ,05000										
Include condition: 'skupina/ group'='exp'										
Variable	Mean	Std.Dv.	N	Diff.	Std.Dv. Diff.	t	df	p	Confidence -95,000%	Confidence +95,000%
zvíře m před / mass 3 weeks ago (g)	300,0648	26,18956								
zvíře m po/ mass now (g)	305,5648	28,01511	108	-5,50000	21,47352	-2,66177	107	0,008971	-9,59618	-1,40382

Srovnání tělesné hmotnosti, hmotnosti srdce a ledvin mezi skupinami - Mann-Whitney U-test / comparison of body weight, heart and kidney mass between the groups – Mann-Whitney U-test:

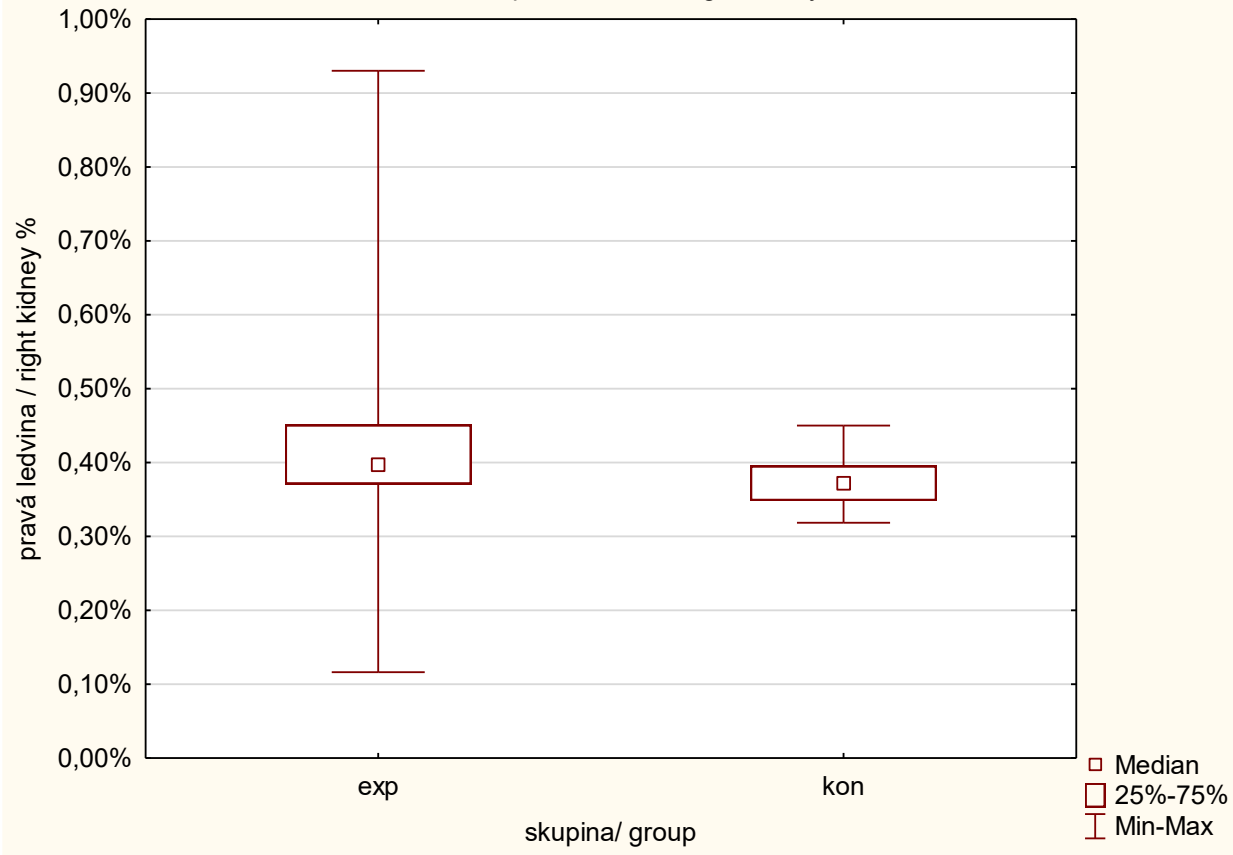
Boxplot by Group  
Variable: zvíře m po/ mass now (g)



Boxplot by Group  
Variable: levá ledvina / left kidney %

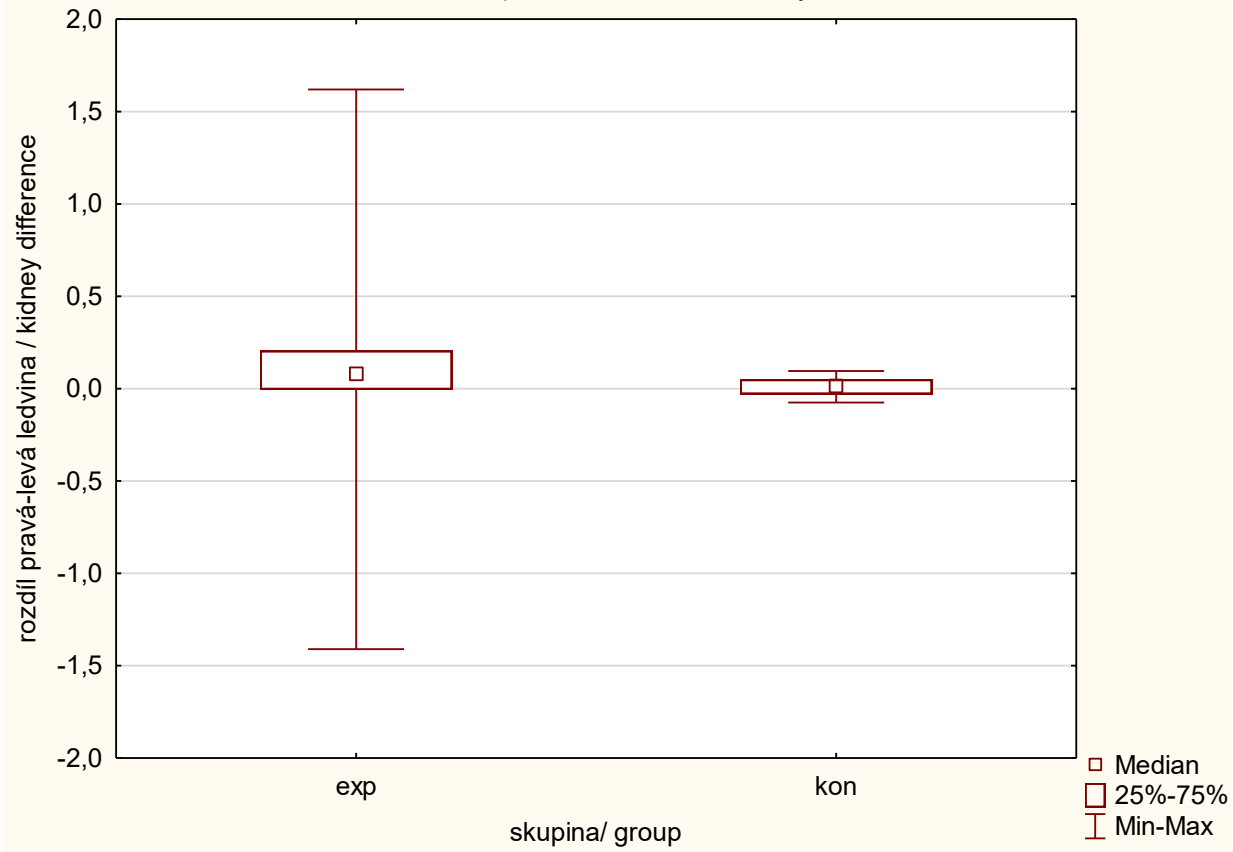


Boxplot by Group  
Variable: pravá ledvina / right kidney %

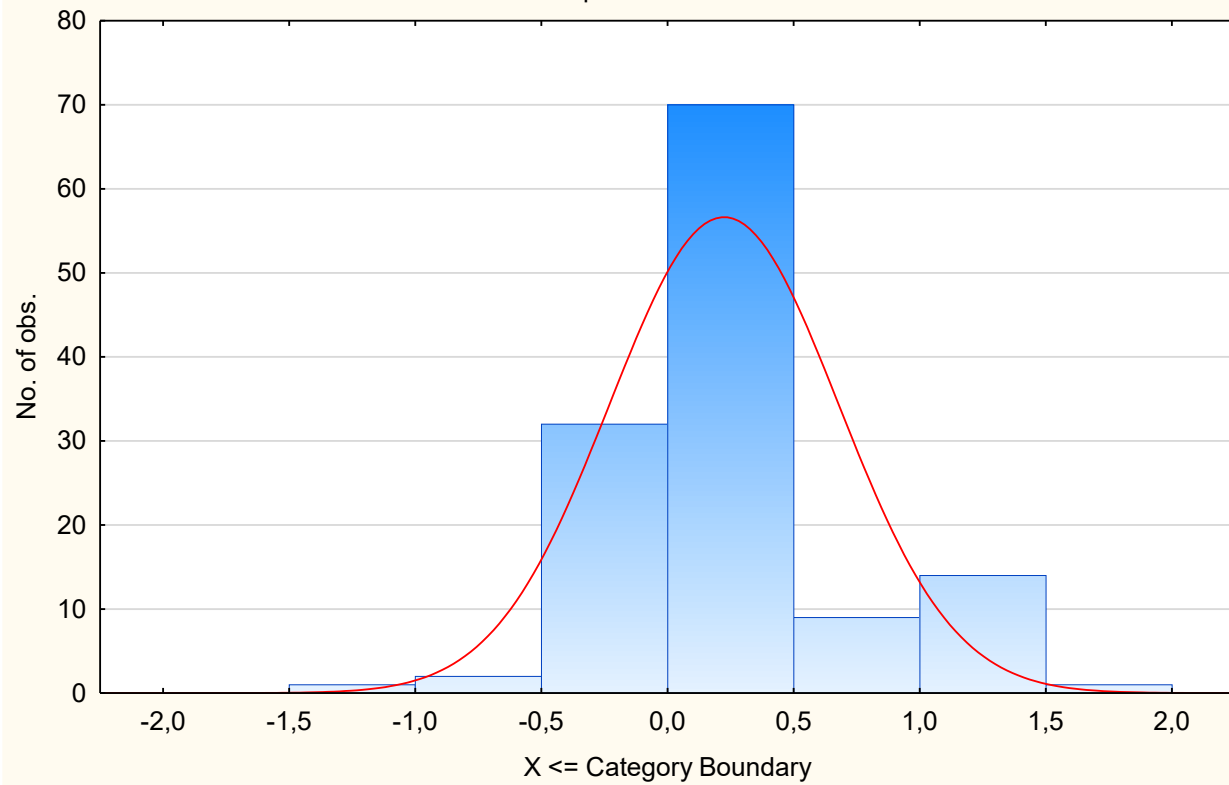


### Boxplot by Group

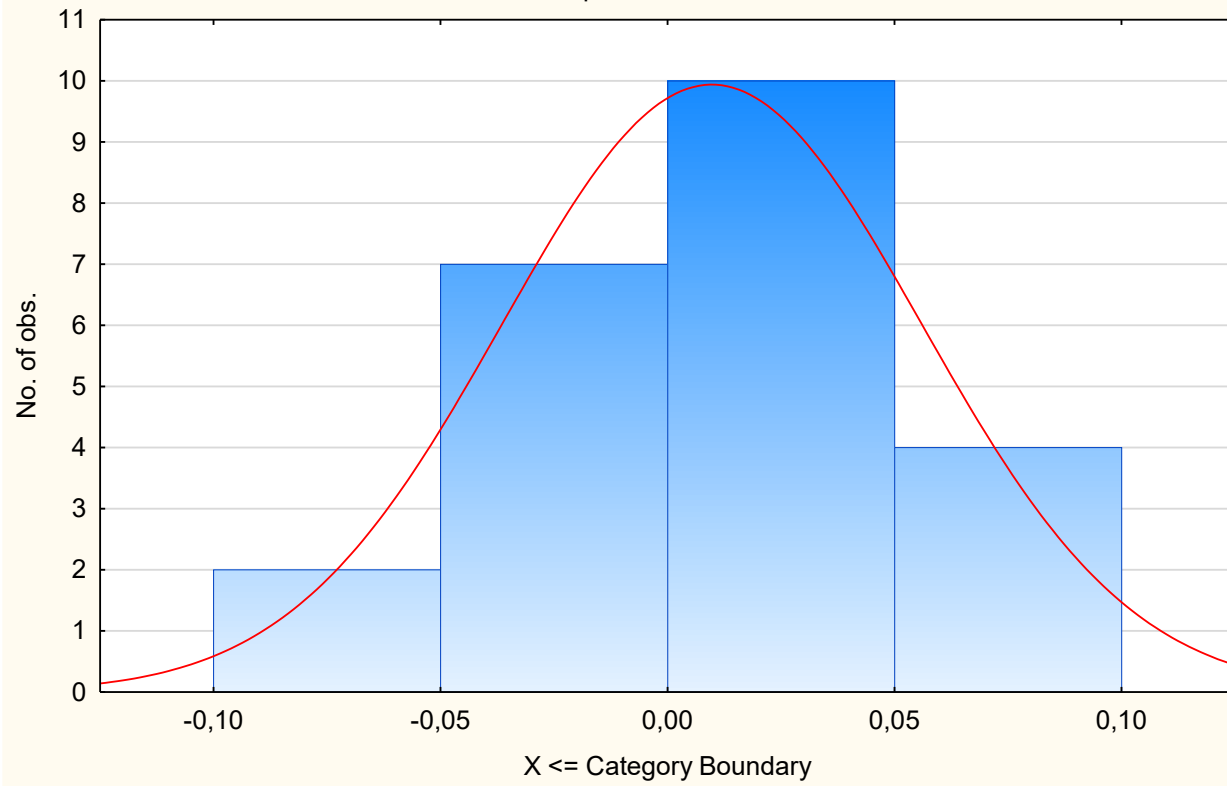
Variable: rozdíl pravá-levá ledvina / kidney difference



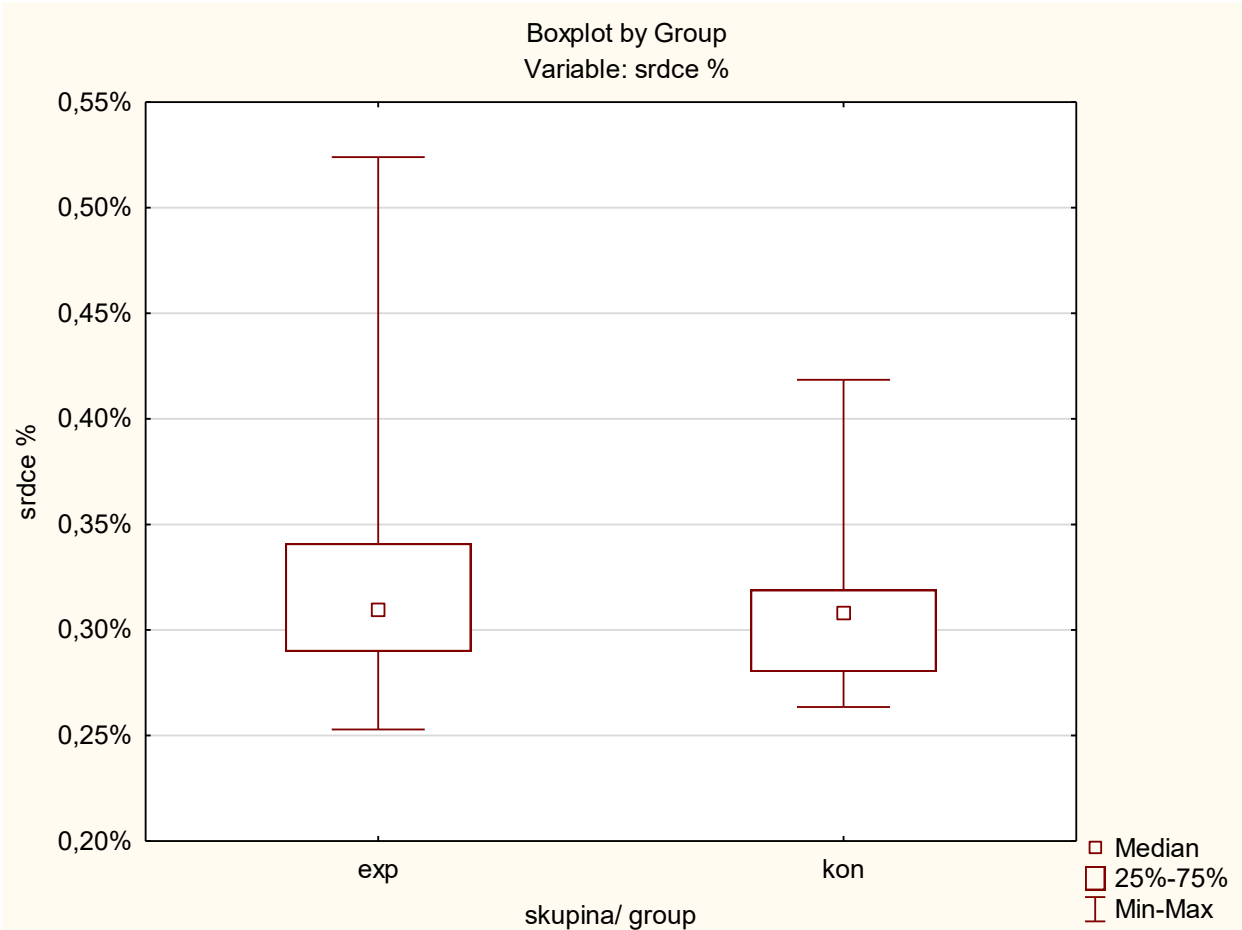
skupina/ group=exp  
Histogram: rozdíl pravá-levá ledvina / kidney difference  
K-S d=,26891, p<,01 ; Lilliefors p<,01  
— Expected Normal



skupina/ group=kon  
Histogram: rozdíl pravá-levá ledvina / kidney difference  
K-S d=,12508, p> .20; Lilliefors p> .20  
— Expected Normal







Mann-Whitney U Test (w/ continuity correction) (renin vysledky\_2024\_corr)

By variable skupina/ group

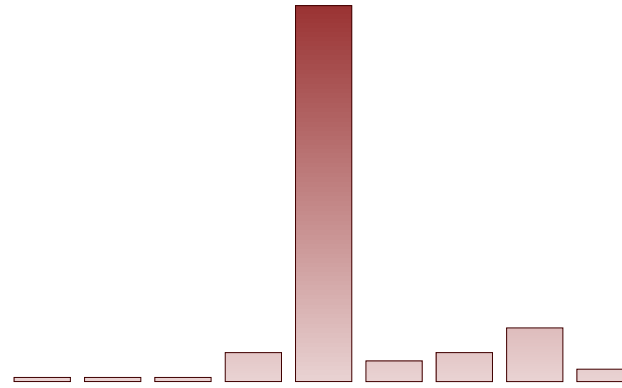
Marked tests are significant at  $p < ,05000$

variable	Rank Sum exp	Rank Sum kon	U	Z	p-value	Z adjusted	p-value	Valid N exp	Valid N kon	2*1sided exact p
zvíře m po/ mass now (g)	9791,00	1990,000	1276,000	-1,11544	0,264663	-1,11589	0,264472	130	23	0,266567
levá ledvina / left kidney %	9776,00	2005,000	1261,000	-1,19201	0,233256	-1,19202	0,233256	130	23	0,234935
pravá ledvina / right kidney %	10560,50	1220,500	944,500	<b>2,80774</b>	<b>0,004989</b>	<b>2,80775</b>	<b>0,004989</b>	130	23	<b>0,004465</b>
rozdíl pravá-levá ledvina / kidney difference	10478,50	1149,500	873,500	<b>3,13372</b>	<b>0,001726</b>	<b>3,13410</b>	<b>0,001724</b>	129	23	<b>0,001429</b>
srdce %	10229,00	1552,000	1276,000	1,11544	0,264663	1,11545	0,264660	130	23	0,266567

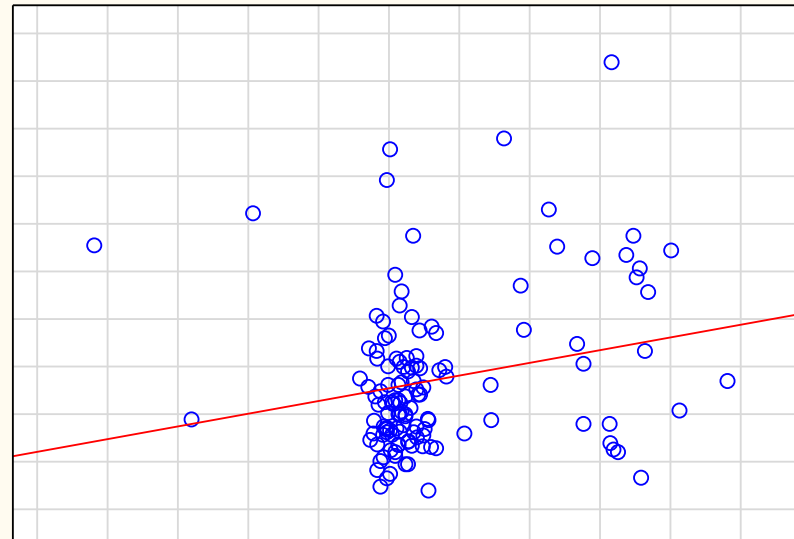
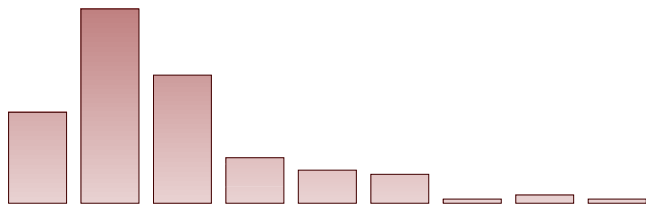
Korelace – hmotnost srdce vs. rozdíl ledvin – Spearmanův koeficient / Correlations – heart mass vs. kidney difference – Spearman's coefficient:

skupina/ group=exp  
Correlations (renin vysledky\_2024\_corr 13v\*153c)

rozdíl pravá-levá ledvina / kidney difference

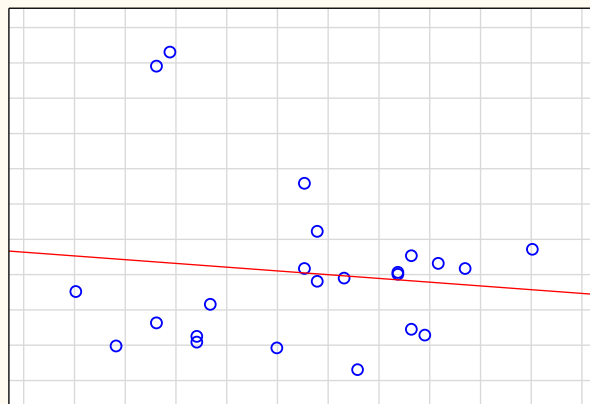
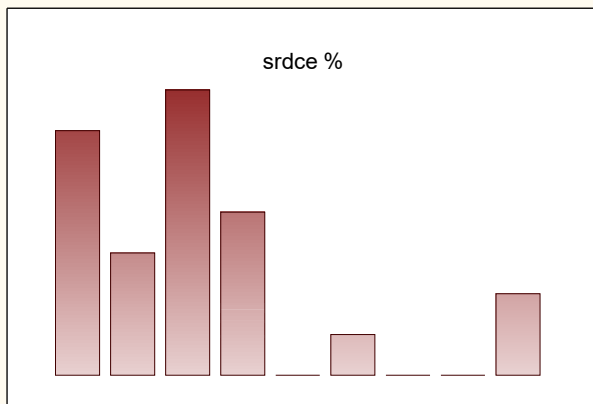
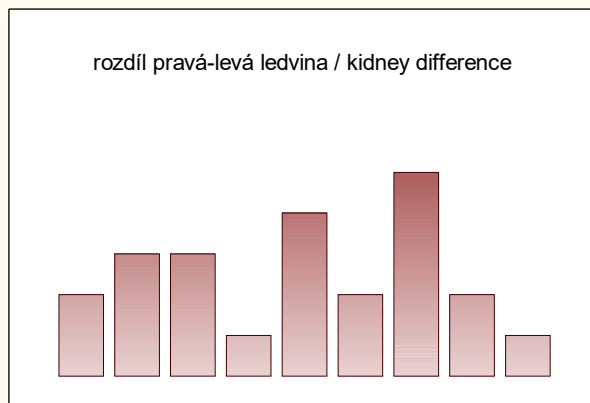


srdce %



	skupina/ group=exp Spearman Rank Order Correlations (renin vysledky_2024_corr) MD pairwise deleted Marked correlations are significant at p <,05000			
Pair of Variables	Valid N	Spearman R	t(N-2)	p-value
srdce % & rozdíl pravá-levá ledvina / kidney difference	129	0,182446	2,091165	0,038506

skupina/ group=kon  
Correlations (renin vysledky\_2024\_corr 13v\*153c)



skupina/ group=kon  
Spearman Rank Order Correlations (renin vysledky\_2024\_corr)  
MD pairwise deleted  
Marked correlations are significant at p <,05000

Pair of Variables	Valid N	Spearman R	t(N-2)	p-value
srdce % & rozdíl pravá-levá ledvina / kidney difference	23	0,185213	0,863694	0,397514