

Deskriptivní statistika / descriptive statistics:

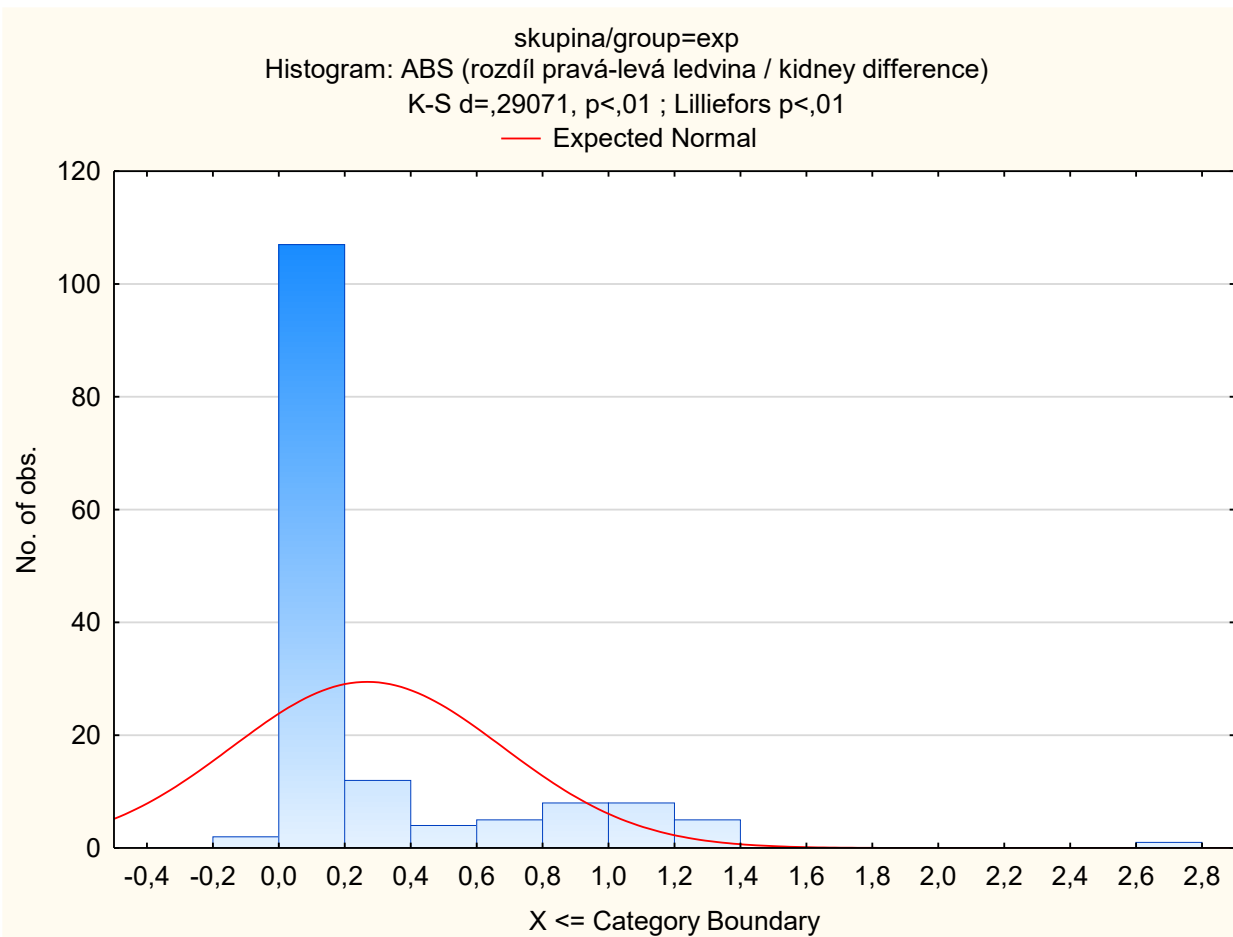
Skupina / group: „exp“

Variable	Descriptive Statistics (renin vysledky_2023_corr) Include condition: v3='exp'									
	Valid N	Mean	Median	Mode	Frequency of Mode	Minimum	Maximum	Lower Quartile	Upper Quartile	Std.Dev.
zvíře m před / mass 3 weeks ago (g)	127	290,8110	290,0000	300,0000	8	240,0000	380,0000	275,0000	306,0000	23,90316

Variable	skupina/group=exp Descriptive Statistics (renin vysledky_2023_corr)									
	Valid N	Mean	Median	Mode	Frequency of Mode	Minimum	Maximum	Lower Quartile	Upper Quartile	Std.Dev.
zvíře m po / mass now (g)	152	295,4967	295,0000	Multiple	5	209,0000	355,0000	280,0000	311,5000	25,77369
levá ledvina / left kidney %	152	0,0035	0,0037	Multiple	1	0,0011	0,0062	0,0033	0,0040	0,00092
pravá ledvina / right kidney %	152	0,0043	0,0040	,0037500	2	0,0011	0,0163	0,0037	0,0045	0,00126
rozdíl pravá-levá ledvina / kidney difference	152	0,2038	0,0600	,0200000	5	-1,2200	2,7200	-0,0175	0,2500	0,44723
srdce %	151	0,0033	0,0031	Multiple	2	0,0023	0,0053	0,0030	0,0035	0,00045

[%] = procento z tělesné hmotnosti / percentage of body weight

Rozdíl mezi ledvinami [g] – absolutní hodnota / Difference between the kidneys [g] – absolute value:



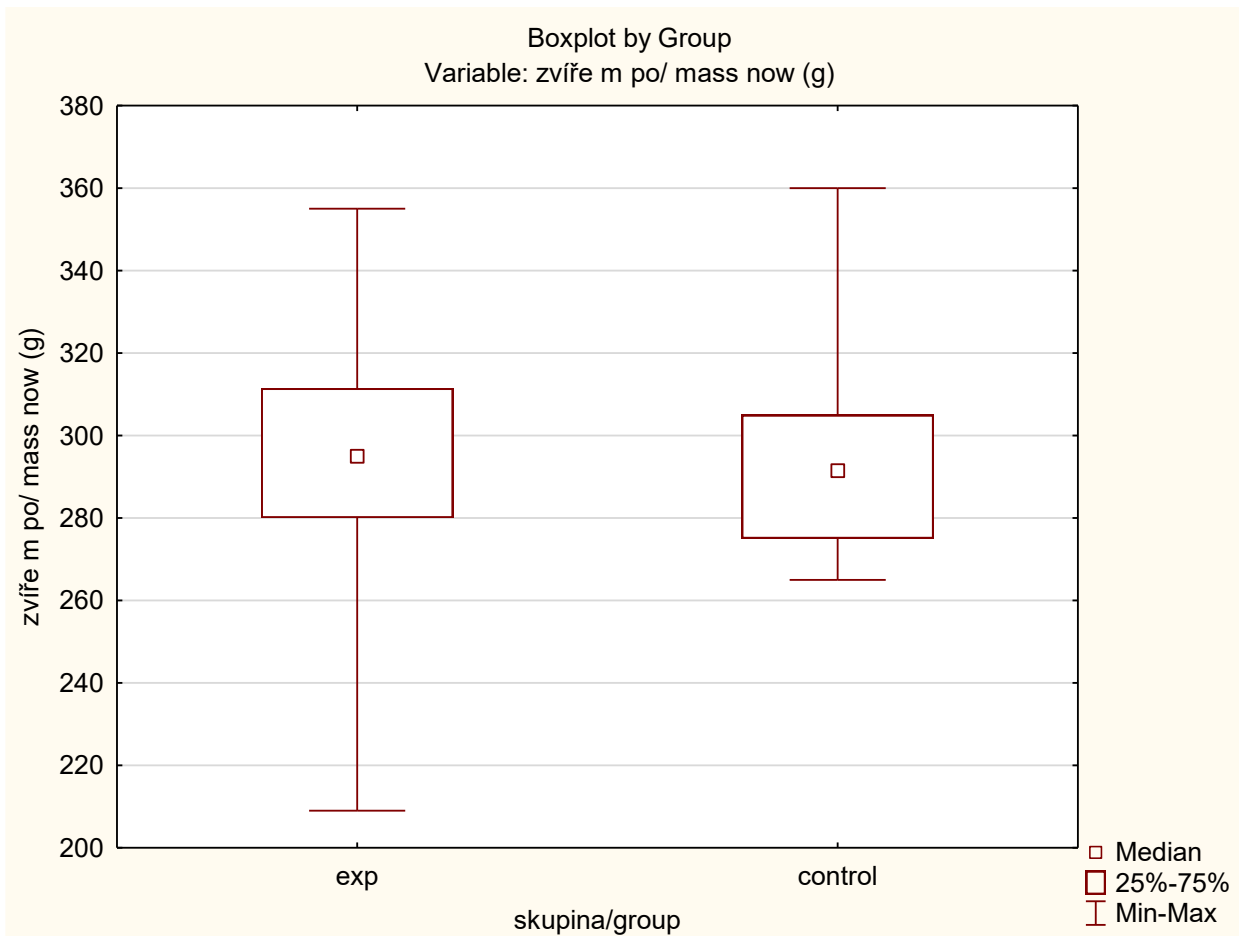
Skupina / group: „control“

Variable	skupina/group=control Descriptive Statistics (renin vysledky_2023_corr)									
	Valid N	Mean	Median	Mode	Frequency of Mode	Minimum	Maximum	Lower Quartile	Upper Quartile	Std.Dev.
zvíře m po/ mass now (g)	30	294,9667	291,5000	275,0000	4	265,0000	360,0000	275,0000	305,0000	22,89930
levá ledvina / left kidney %	30	0,0036	0,0036	Multiple	1	0,0008	0,0048	0,0034	0,0038	0,00062
pravá ledvina / right kidney %	30	0,0038	0,0037	,0037413	2	0,0032	0,0060	0,0035	0,0038	0,00052
rozdíl pravá-levá ledvina / kidney difference	30	0,0678	0,0400	Multiple	2	-0,1700	1,4200	-0,0100	0,0880	0,26759
srdce %	30	0,0031	0,0030	Multiple	1	0,0024	0,0040	0,0029	0,0033	0,00035

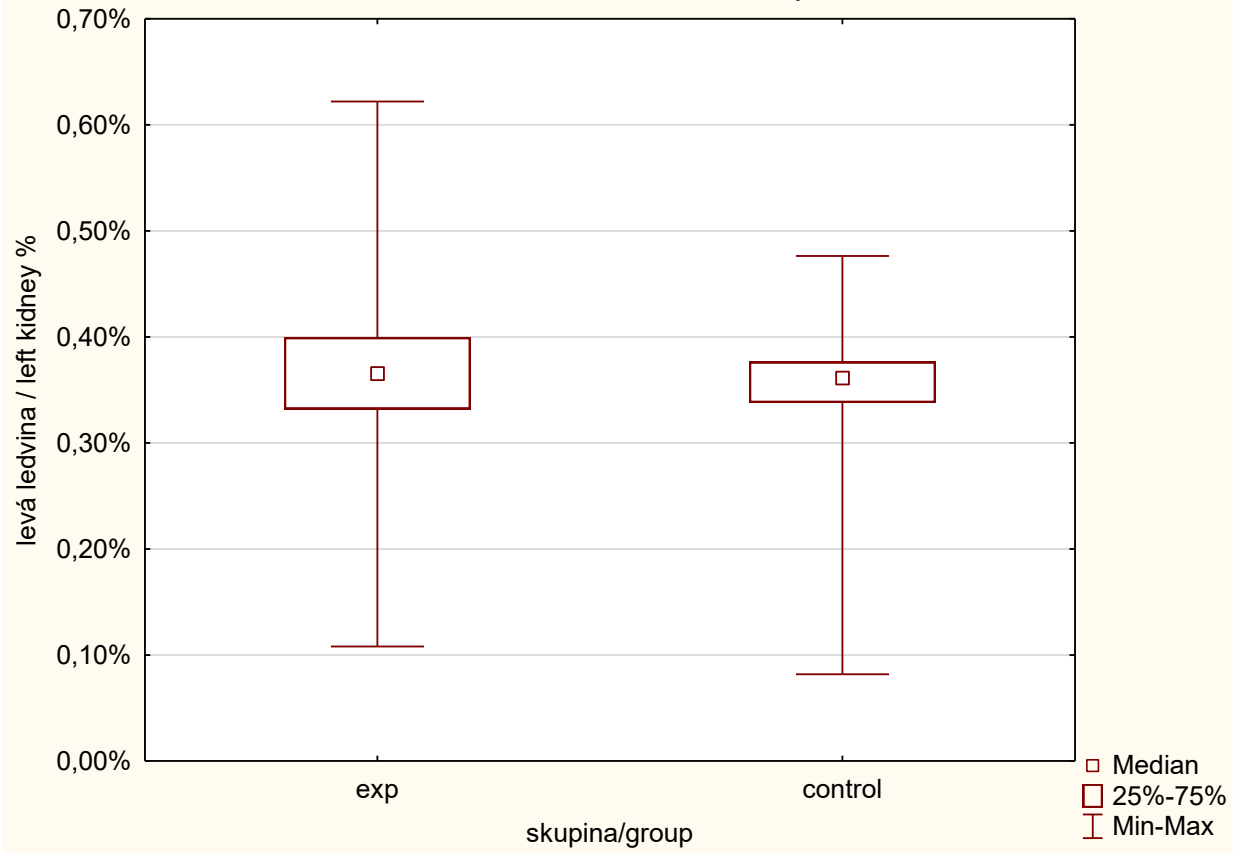
Srovnání „exp“ a „control“: grafy a Mann-Whitney U-test (3. p-hodnota) / Comparison of „exp“ a „control“: graphs and Mann-Whitney U-test“ (last p-value)

Mann-Whitney U Test (w/ continuity correction) (renin vysledky_2023_corr)										
By variable skupina/group										
Marked tests are significant at p <,05000										
variable	Rank Sum exp	Rank Sum control	U	Z	p-value	Z adjusted	p-value	Valid N exp	Valid N control	2*1sided exact p
zvíře m po/ mass now (g)	14053,00	2600,000	2135,000	0,547962	0,583718	0,548089	0,583631	152	30	0,585477
levá ledvina / left kidney %	14106,50	2546,500	2081,500	0,750841	0,452749	0,750841	0,452749	152	30	0,453518
pravá ledvina / right kidney %	14876,00	1777,000	1312,000	<b>3,668881</b>	<b>0,000244</b>	<b>3,668888</b>	<b>0,000244</b>	152	30	<b>0,000183</b>
rozdíl pravá-levá ledvina / kidney difference	14289,00	2364,000	1899,000	1,442904	0,149049	1,443011	0,149018	152	30	0,149703
ABS (rozdíl pravá-levá ledvina / kidney difference)	14373,00	2280,000	1815,000	1,761442	0,078165	1,761757	0,078111	152	30	0,078111
srdce %	14222,00	2249,000	1784,000	1,833155	0,066780	1,833163	0,066779	151	30	0,066607

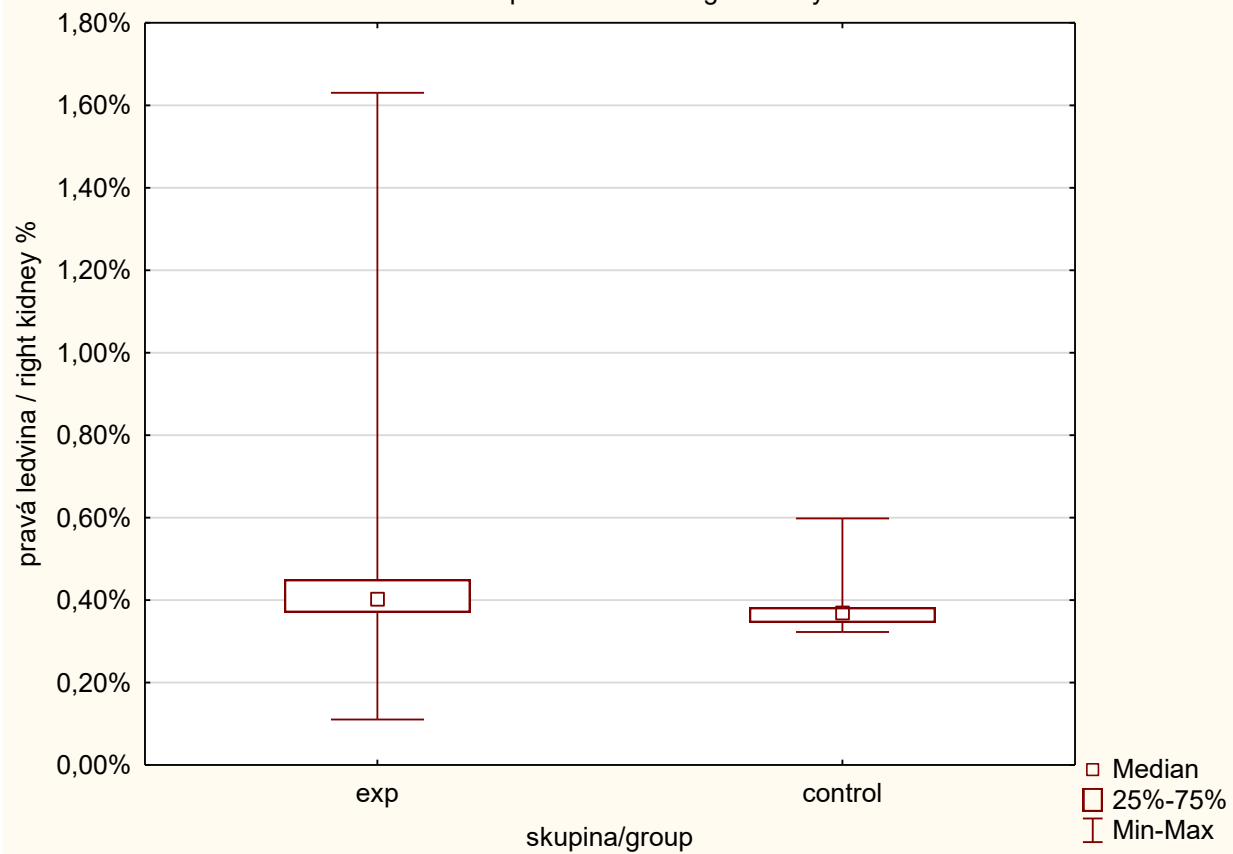
ABS = absolutní hodnota / absolute value



Boxplot by Group  
Variable: levá ledvina / left kidney %

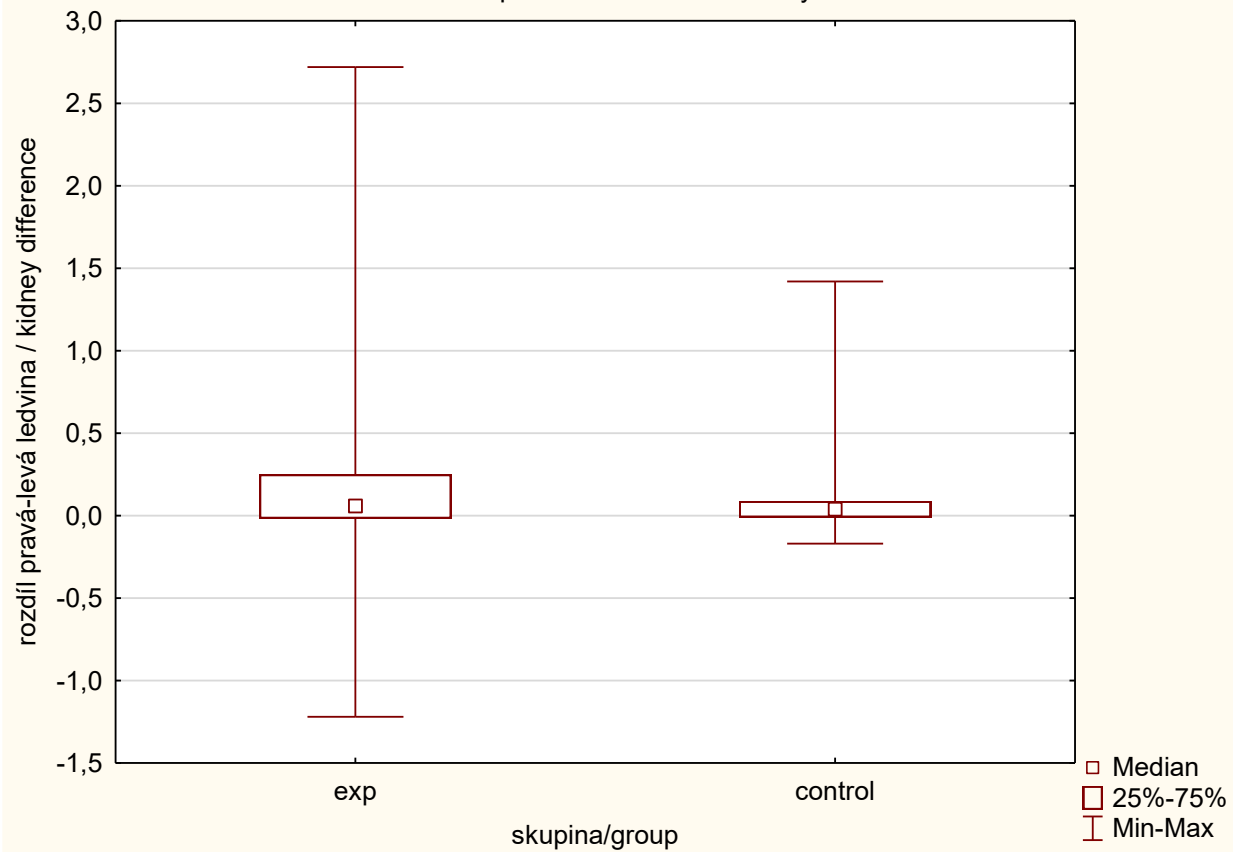


Boxplot by Group  
Variable: pravá ledvina / right kidney %



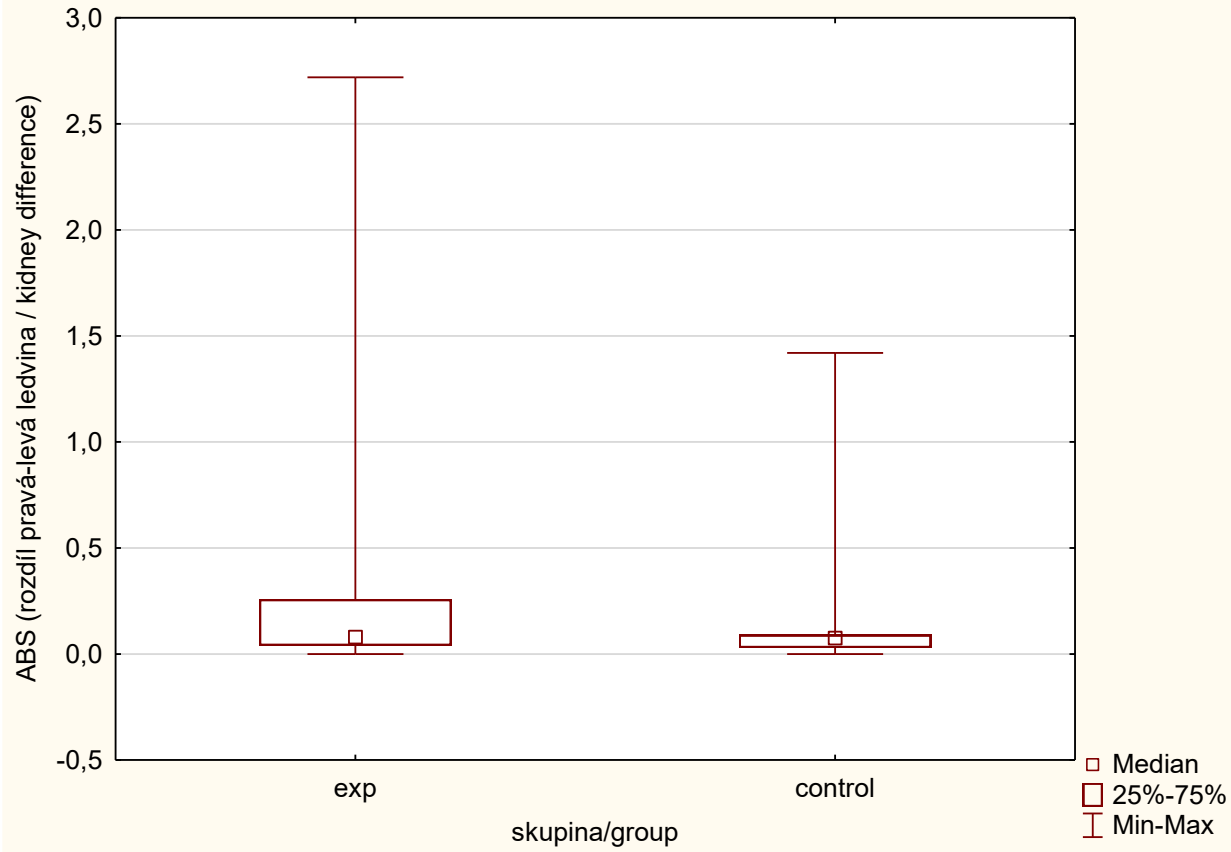
### Boxplot by Group

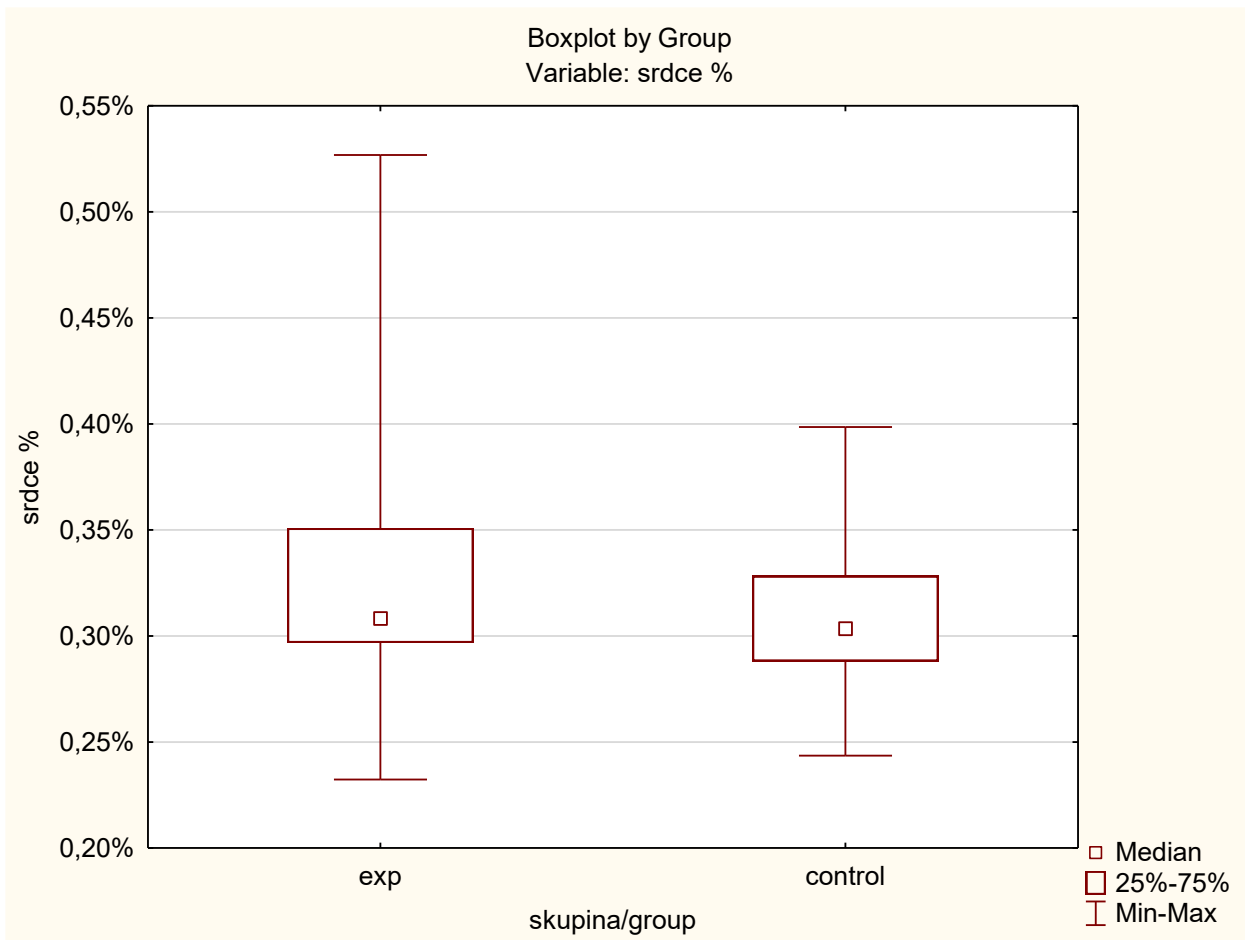
Variable: rozdíl pravá-levá ledvina / kidney difference



Boxplot by Group

Variable: ABS (rozdíl pravá-levá ledvina / kidney difference)

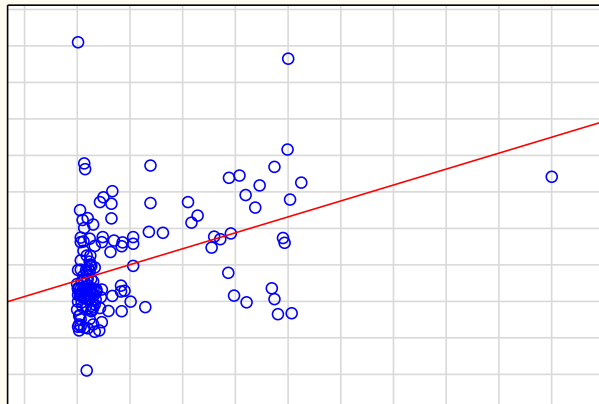
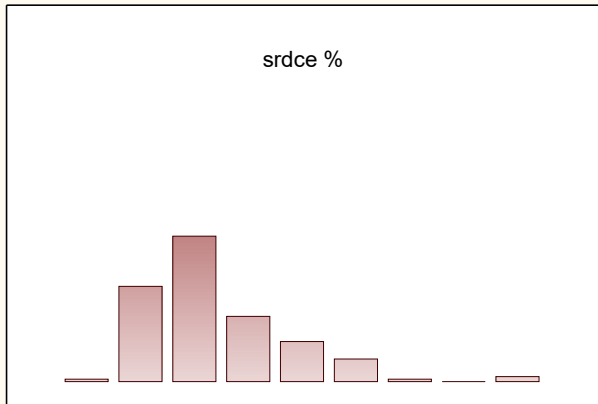
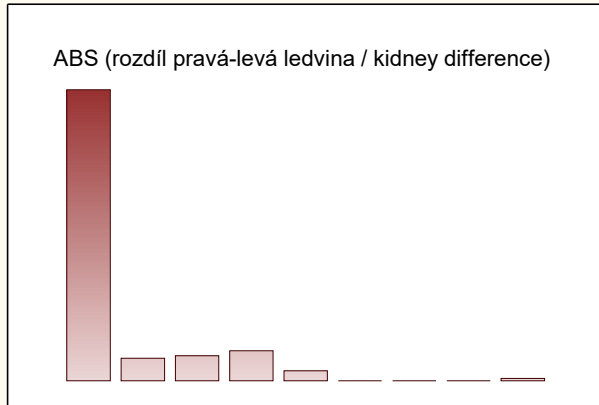




Spearmanovy korelace: Rozdíl mezi ledvinami [g] – absolutní hodnota vs. srdce [%] / Spearman correlations: Difference between the kidneys [g] – absolute value vs heart [%]



skupina/group=exp  
 Correlations (renin vysledky\_2023\_corr 14v\*182c)



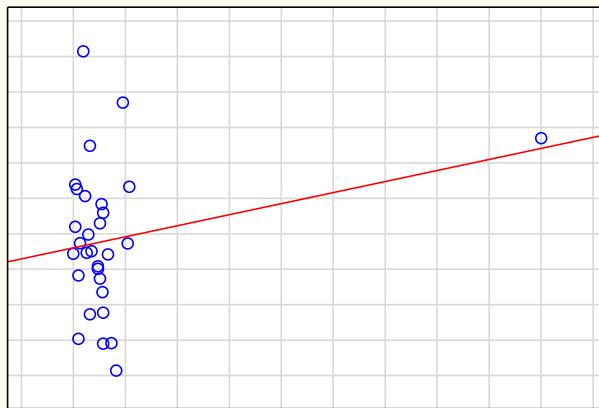
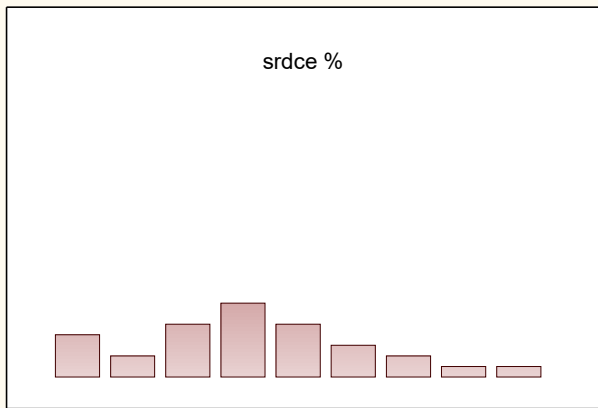
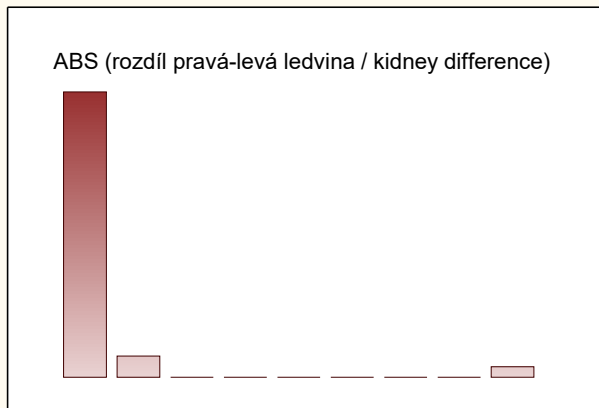
skupina/group=exp  
 Spearman Rank Order Correlations (renin vysledky\_2023\_corr)  
 MD pairwise deleted  
 Marked correlations are significant at  $p < ,05000$

Valid N	Spearman R	t(N-2)	p-value
151	0,341386	4,433496	0,000018

Pair of Variables

srdce % & ABS (rozdl pravá-levá ledvina / kidney difference)

skupina/group=control  
 Correlations (renin vysledky\_2023\_corr 14v\*182c)



skupina/group=control  
 Spearman Rank Order Correlations (renin vysledky\_2023\_corr)  
 MD pairwise deleted  
 Marked correlations are significant at p <,05000

Pair of Variables	Valid N	Spearman R	t(N-2)	p-value
srdce % & ABS (rozdiel pravá-levá ledvina / kidney difference)	30	-0,091031	-0,483696	0,632363