

Deskriptivní statistika / descriptive statistics:

Skupina/group = IK:

Variable	Descriptive Statistics (ikterus_2023-corr) Include condition: 'skupina/group'='IK'										
	Valid N	Mean	Median	Mode	Frequency of Mode	Minimum	Maximum	Lower Quartile	Upper Quartile	Std.Dev.	Standard Error
hmotnost zvířete 1/animal weight 1	137	287,2518	285,0000	275,0000	12	250,0000	330,0000	275,0000	300,0000	17,83422	1,523680
hmotnost zvířete 2/animal weight 2	156	290,8462	292,0000	295,0000	11	223,0000	355,0000	275,0000	305,0000	22,17668	1,775556
hmotnost jater [z celku]/liver mass [of total]	154	0,0519	0,0525	,0500000	3	0,0344	0,0739	0,0494	0,0552	0,00609	0,000490
bilirubin celkový/total	156	197,6936	209,0000	239,0000	4	20,2000	410,0000	144,0000	243,0000	78,09249	6,252403
bilirubin přímý/direct	156	154,1346	161,5000	57,00000	4	10,6000	398,0000	102,5000	198,5000	70,50776	5,645138
bilirubin nepřímý/indirect	156	43,5590	36,0000	34,00000	7	0,2000	230,0000	26,0000	55,5000	28,88950	2,313011

Frequency table: bilirubin moč/urine (ikterus_2023-corr) Include condition: 'skupina/group'='IK'		
Category	Count	Percent
poz	139	90,25974
neg	15	9,74026

Frequency table: urobilinogen moč/urine (ikterus_2023-corr) Include condition: 'skupina/group'='IK'		
Category	Count	Percent
neg	121	78,57143
poz	33	21,42857

Skupina/group=KO:

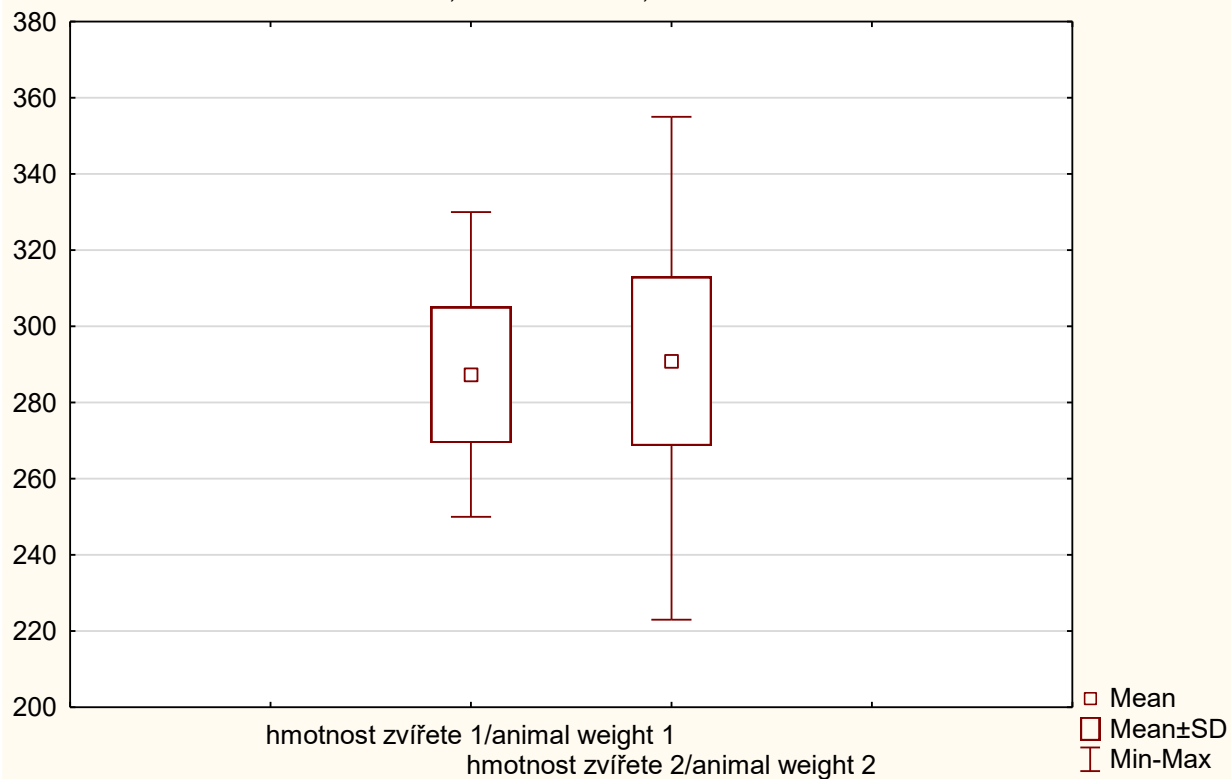
Variable	Descriptive Statistics (ikterus_2023-corr) Include condition: 'skupina/group'='KO'										
	Valid N	Mean	Median	Mode	Frequency of Mode	Minimum	Maximum	Lower Quartile	Upper Quartile	Std.Dev.	Standard Error
hmotnost zvířete 2/animal weight 2	11	286,3636	280,0000	280,0000	2	267,0000	315,0000	271,0000	302,0000	16,08896	4,851003
hmotnost jater [z celku]/liver mass [of total]	11	0,0381	0,0372	Multiple	1	0,0326	0,0450	0,0355	0,0414	0,00382	0,001151
bilirubin celkový/total	11	12,6609	12,3000	Multiple	2	6,1700	18,9000	10,6000	14,7000	3,22729	0,973065
bilirubin přímý/direct	11	5,1827	4,3000	6,200000	2	3,1900	7,2000	4,1200	6,3000	1,40330	0,423110
bilirubin nepřímý/indirect	11	7,4782	7,4100	Multiple	1	1,9100	12,6000	6,1000	8,6000	2,75752	0,831422

Frequency table: bilirubin moč/urine (ikterus_2023-corr) Include condition: 'skupina/group'='KO'		
Category	Count	Percent
poz	1	9,09091
neg	10	90,90909

Frequency table: urobilinogen moč/urine (ikterus_2023-corr) Include condition: 'skupina/group'='KO'		
Category	Count	Percent
neg	7	63,63636
poz	4	36,36364

Vývoj hmotnosti u IK - párový Studentův t-test / weight evolution in IK – paired Student t-test:

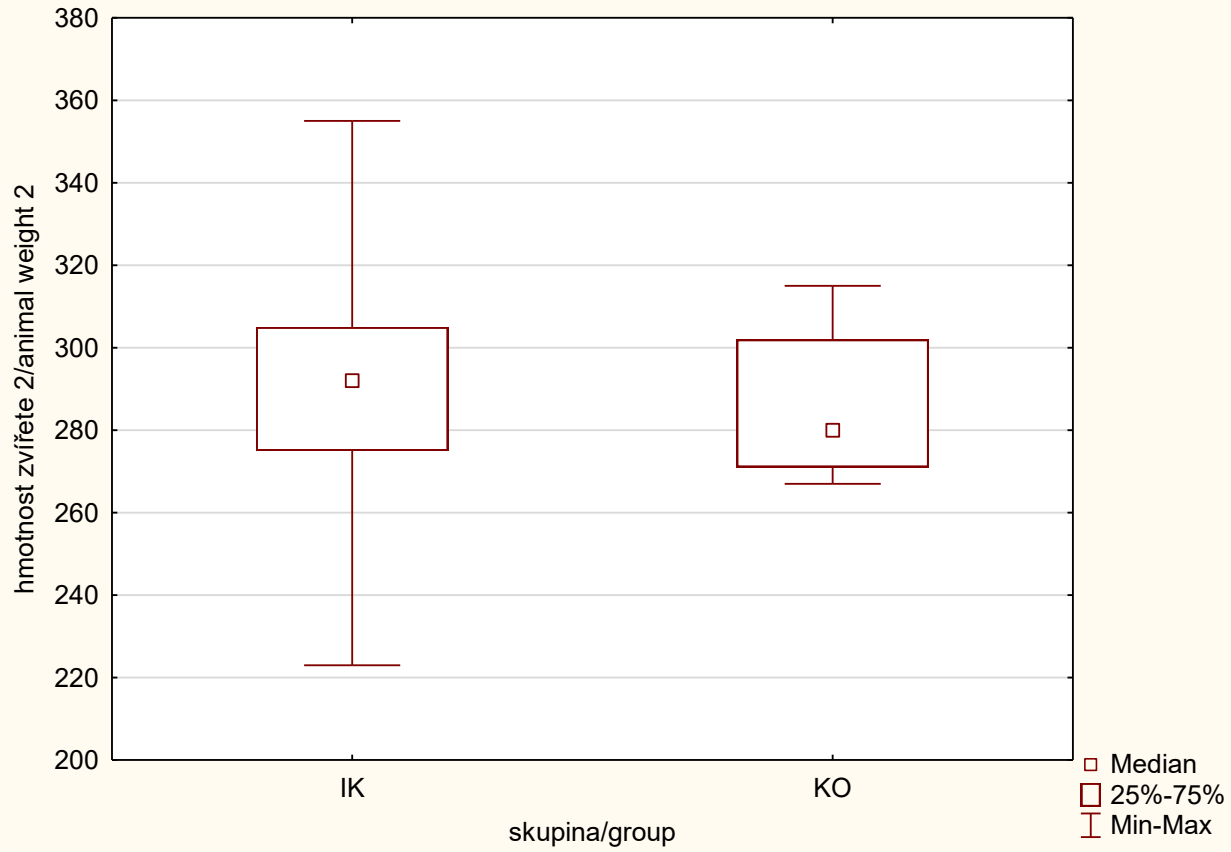
Box Plot of multiple variables
 ikterus_2023-corr 14v*197c
 Include condition: 'skupina/group'='IK'
 Mean; Box: Mean±SD; Whisker: Min-Max



		T-test for Dependent Samples (ikterus_2023-corr) Marked differences are significant at p < ,05000 Include condition: 'skupina/group'='IK'								
Variable	Mean	Std.Dv.	N	Diff.	Std.Dv. Diff.	t	df	p	Confidence -95,000%	Confidence +95,000%
hmotnost zvířete 1/animal weight 1	287,2518	17,83422								
hmotnost zvířete 2/animal weight 2	288,7664	20,48278	137	-1,51460	13,64437	-1,29928	136	0,196045	-3,81988	0,790679

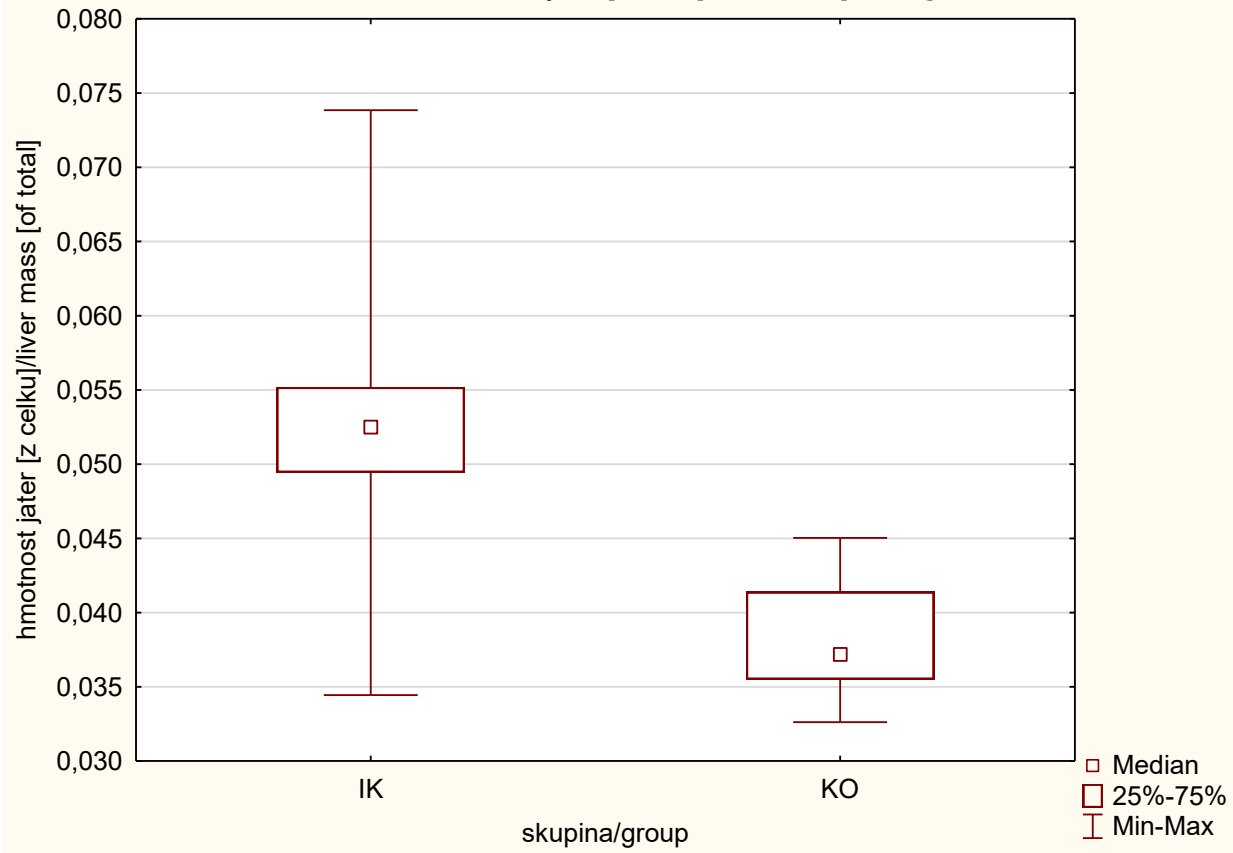
Hmotnost, hmotnost jater, plazmatický bilirubin u IK vs. KO – Mann-Whitney U-test / Weight, liver mass, plasma bilirubin in IK vs. KO – Mann-Whitney U-test:

Boxplot by Group
Variable: hmotnost zvířete 2/animal weight 2

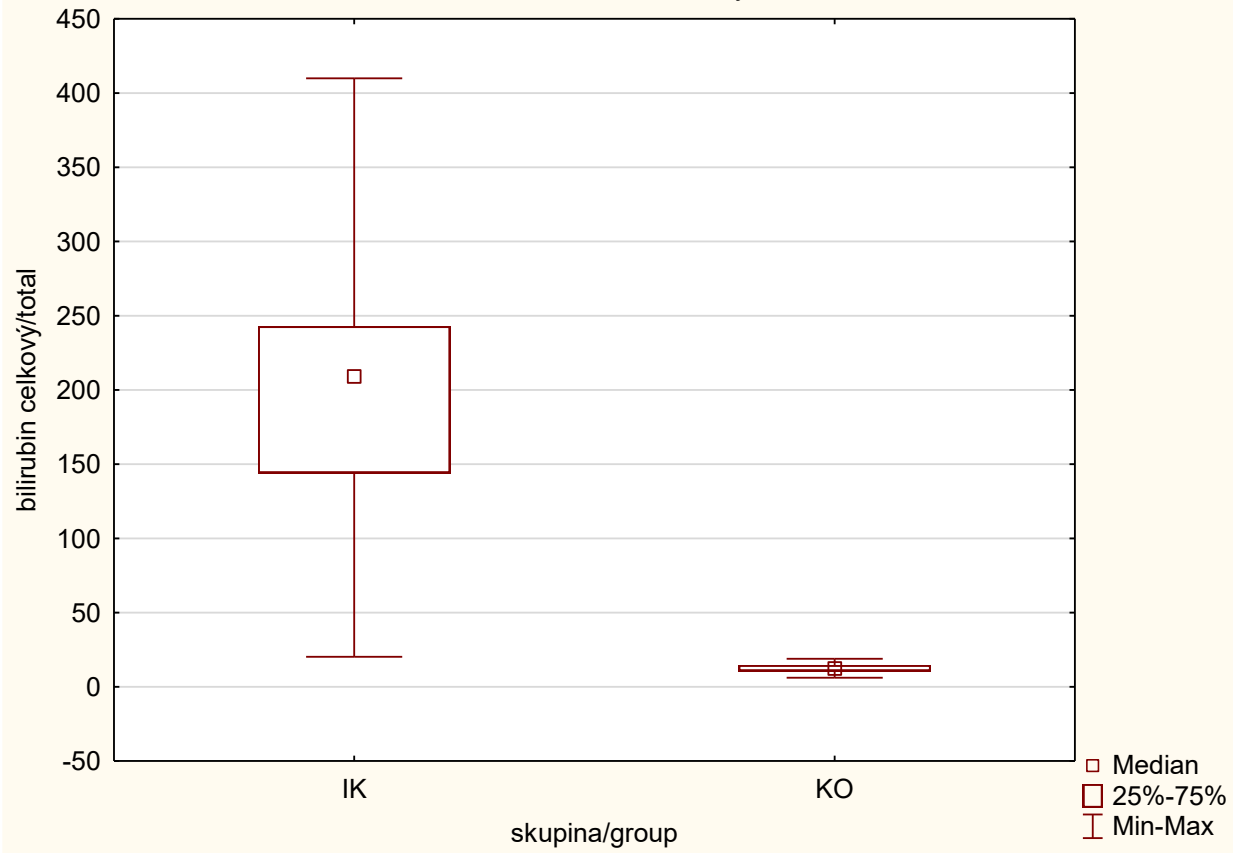


Boxplot by Group

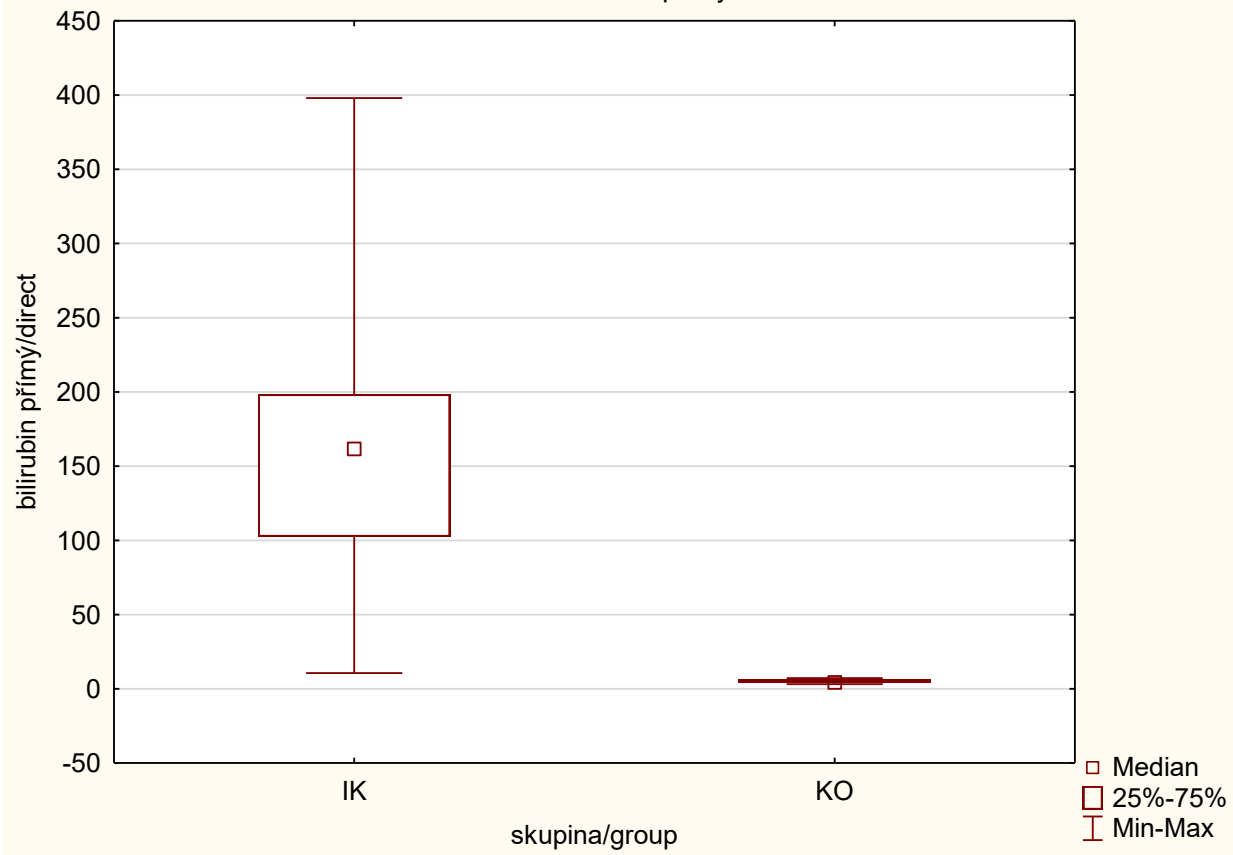
Variable: hmotnost jater [z celku]/liver mass [of total]

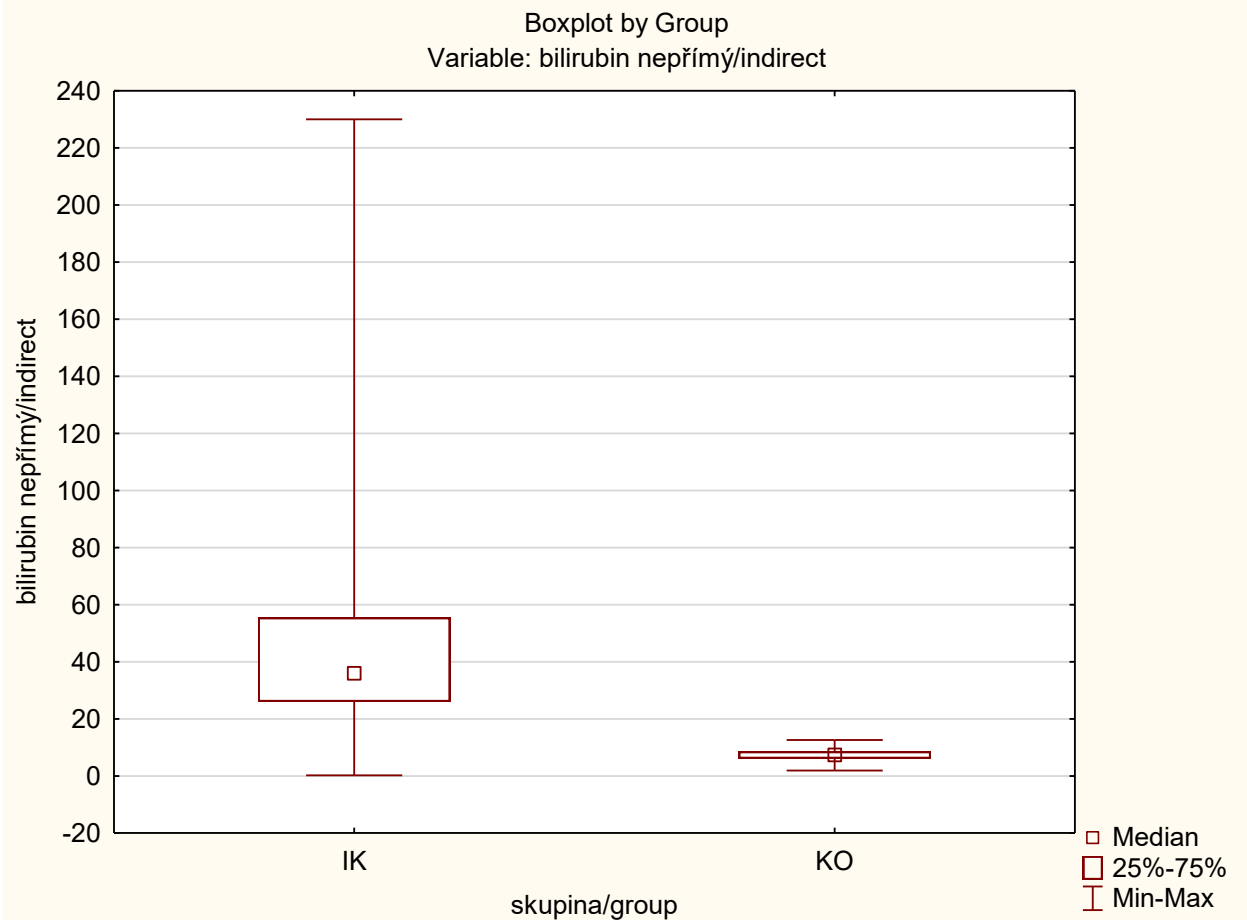


Boxplot by Group
Variable: bilirubin celkový/total



Boxplot by Group
Variable: bilirubin přímý/direct

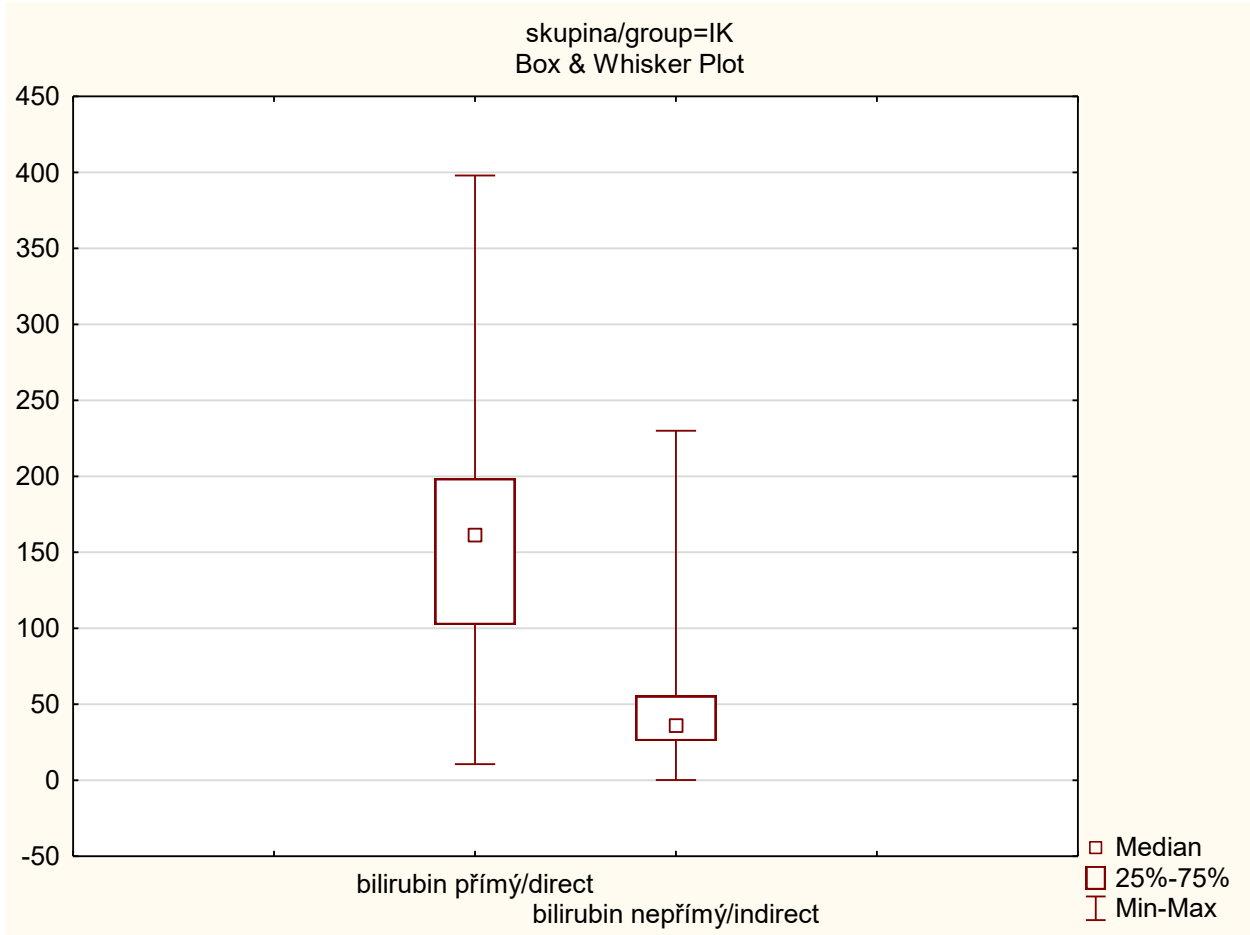




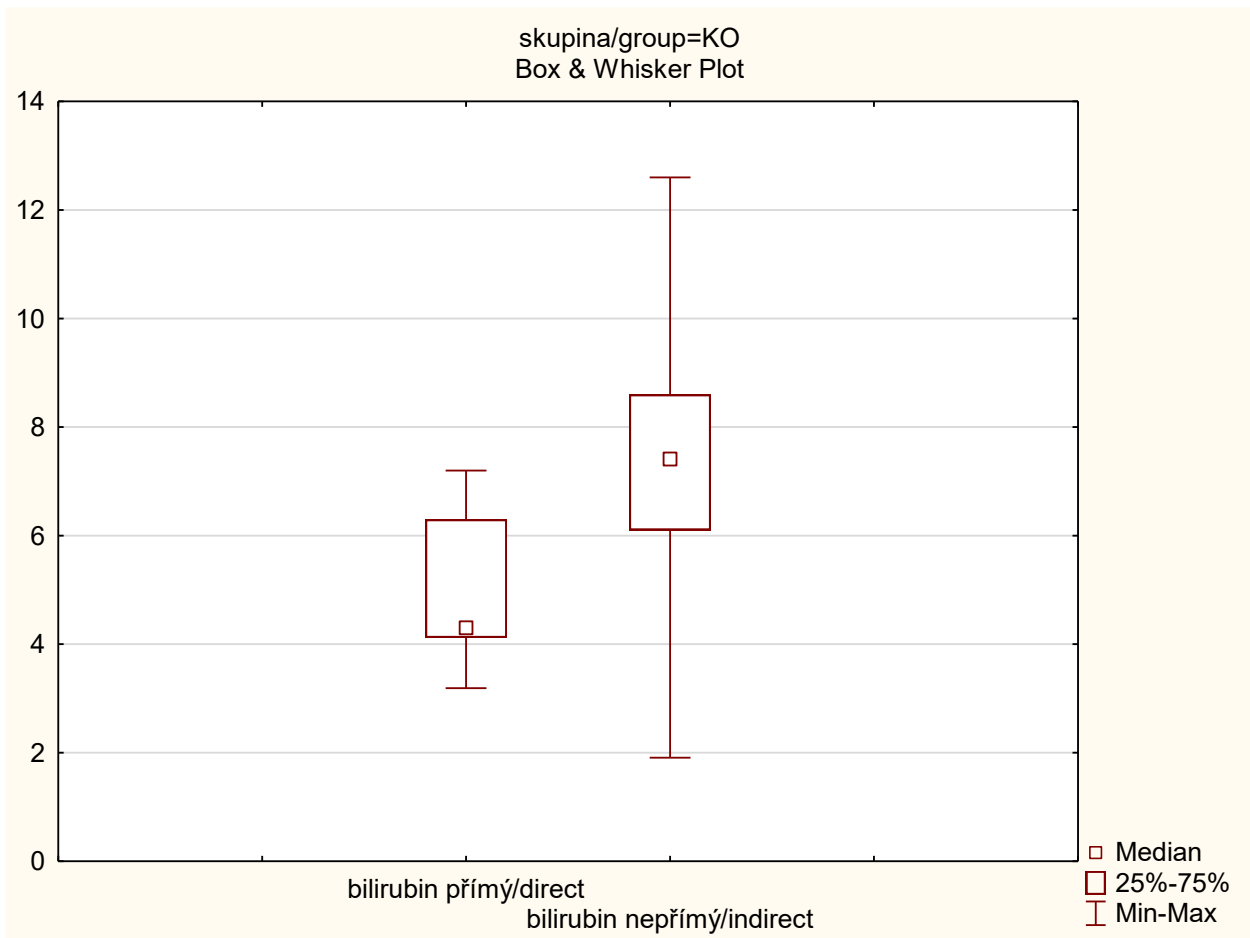
Mann-Whitney U Test (w/ continuity correction) (ikterus_2023-corr)
 By variable skupina/group
 Marked tests are significant at $p < ,05000$

variable	Rank Sum IK	Rank Sum KO	U	Z	p-value	Z adjusted	p-value	Valid N IK	Valid N KO	2*1sided exact p
hmotnost zvířete 2/animal weight 2	13221,50	806,5000	740,5000	0,754854	0,450337	0,755390	0,450015	156	11	0,453533
hmotnost jater [z celku]/liver mass [of total]	13566,00	129,0000	63,0000	5,118219	0,000000	5,118240	0,000000	154	11	0,000000
bilirubin celkový/total	13962,00	66,0000	0,0000	5,532373	0,000000	5,532569	0,000000	156	11	0,000000
bilirubin přímý/direct	13962,00	66,0000	0,0000	5,532373	0,000000	5,532591	0,000000	156	11	0,000000
bilirubin nepřímý/indirect	13909,50	118,5000	52,5000	5,193656	0,000000	5,194255	0,000000	156	11	0,000000

Srovnání přímého a nepřímého bilirubinu u IK a KO – Wilcoxonův párový test / Comparison of direct and indirect bilirubin in IK and KO – Wilcoxon paired test:



		skupina/group=IK Wilcoxon Matched Pairs Test (ikterus_2023-corr) Marked tests are significant at p <,05000			
		Valid N	T	Z	p-value
Pair of Variables					
bilirubin přímý/direct & bilirubin nepřímý/indirect		154	209,5000	10,38656	0,000000

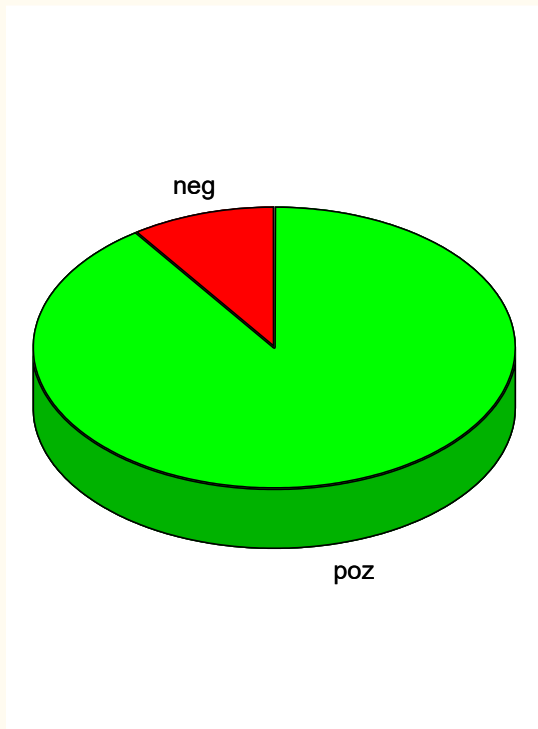


skupina/group=KO
Wilcoxon Matched Pairs Test (ikterus_2023-corr)
Marked tests are significant at $p < ,05000$

Pair of Variables	Valid N	T	Z	p-value
bilirubin přímý/direct & bilirubin nepřímý/indirect	11	11,00000	1,956039	0,050461

Bilirubin a urobilinogen v moči – Fisher exact test (oboustranný) / Bilirubin and urobilinogen in urine – Fisher exact test (two-tailed):

skupina/group=IK
Pie Chart of bilirubin moč/urine
ikterus_2023-corr 14v*197c



skupina/group=KO
Pie Chart of bilirubin moč/urine
ikterus_2023-corr 14v*197c

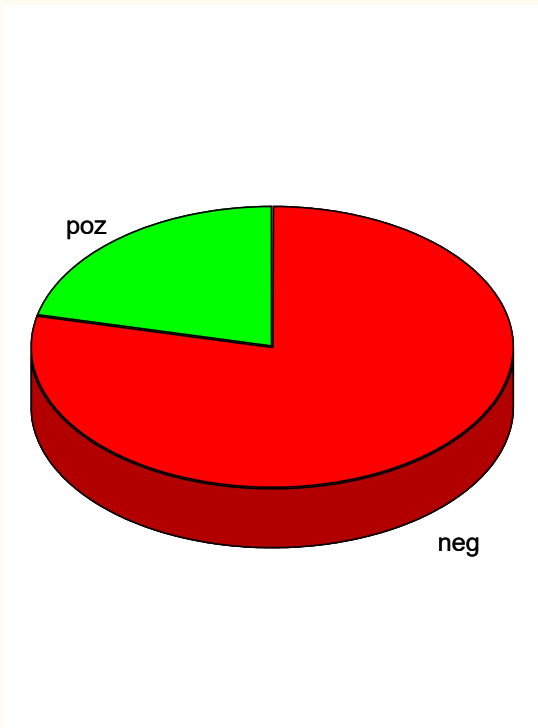


2-Way Summary Table: Observed Frequencies (ikterus_2023-corr)

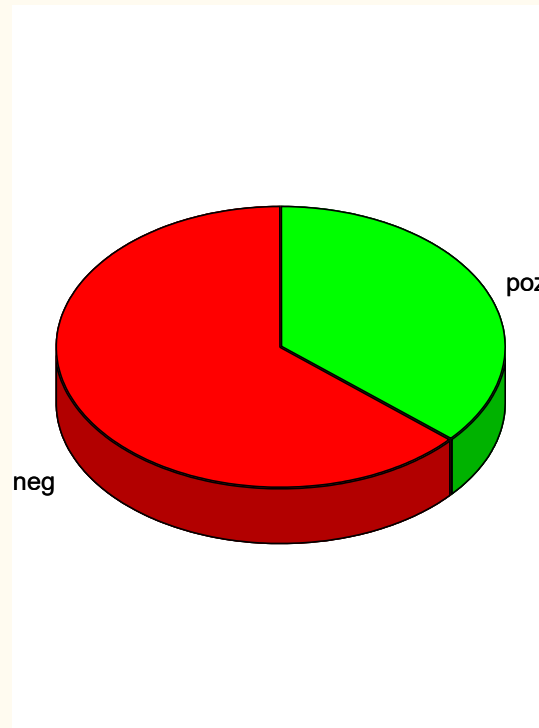
skupina/group	bilirubin moč/urine poz	bilirubin moč/urine neg	Row Totals
IK	139	15	154
Row %	90,26%	9,74%	
KO	1	10	11
Row %	9,09%	90,91%	
Totals	140	25	165

Statistics: skupina/group(2) x bilirubin moč/urine(2) (ikterus_2023-corr)			
Statistic	Chi-square	df	p
Yates Chi-square	46,49043	df=1	p=,00000
Fisher exact, one-tailed			p=,00000
two-tailed			p=,00000
McNemar Chi-square (A/D)	109,9597	df=1	p=0,0000
(B/C)	10,56250	df=1	p=,00115

skupina/group=IK
Pie Chart of urobilinogen moč/urine
ikterus_2023-corr 14v*197c



skupina/group=KO
Pie Chart of urobilinogen moč/urine
ikterus_2023-corr 14v*197c



2-Way Summary Table: Observed Frequencies (ikterus_2023-corr)			
skupina/group	urobilinogen moč/urine neg	urobilinogen moč/urine poz	Row Totals
IK	121	33	154
Row %	78,57%	21,43%	
KO	7	4	11
Row %	63,64%	36,36%	
Totals	128	37	165

Statistics: skupina/group(2) x urobilinogen moč/urine(2) (ikterus_2023-corr)			
Statistic	Chi-square	df	p
Yates Chi-square	,5978712	df=1	p=,43939
Fisher exact, one-tailed			p=,21252
two-tailed			p=,26786
McNemar Chi-square (A/D)	107,6480	df=1	p=0,0000
(B/C)	15,62500	df=1	p=,00008