

Deskriptivní statistika / descriptive statistics:

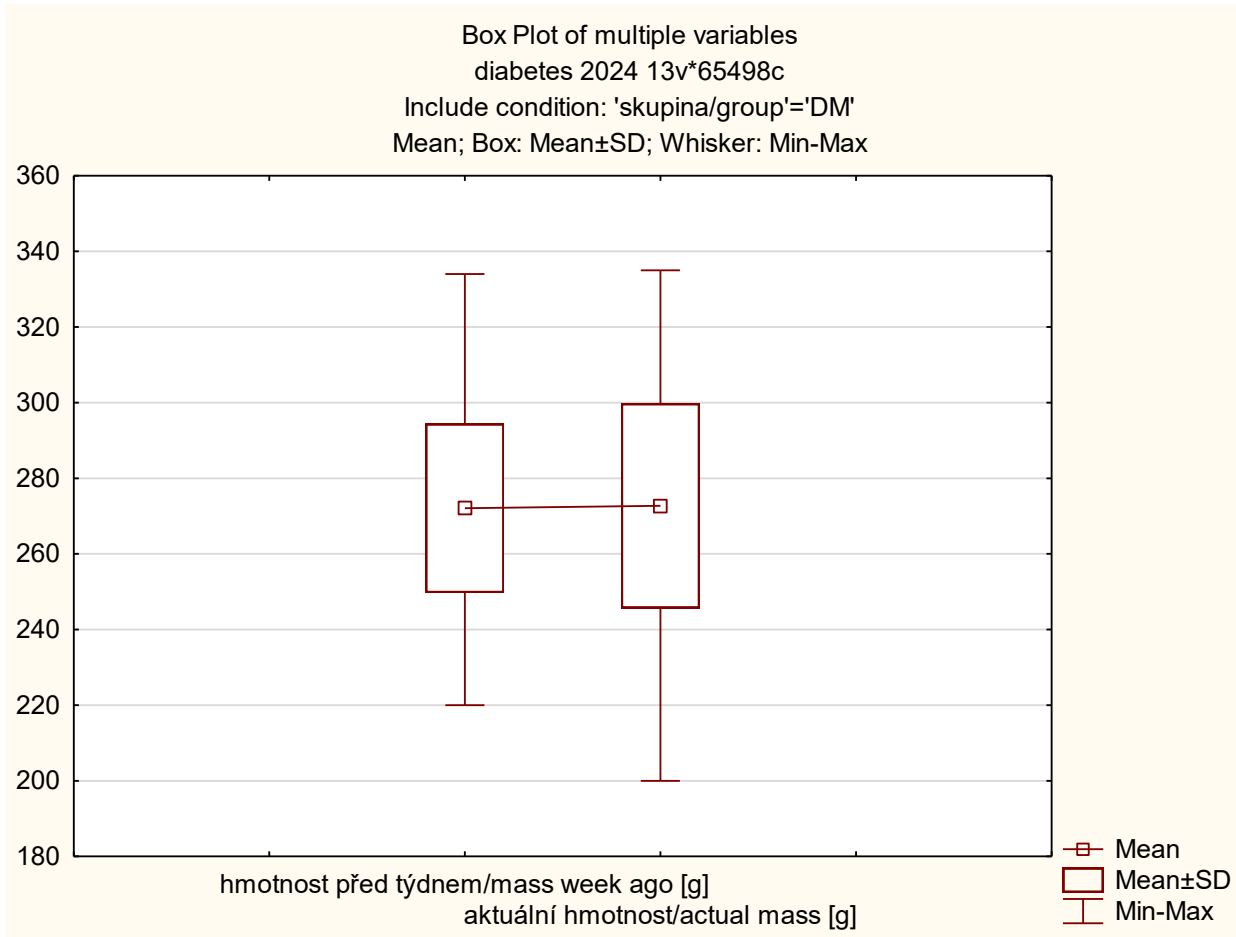
Variable	Descriptive Statistics (diabetes 2024) Include condition: 'skupina/group'='DM'									
	Valid N	Mean	Median	Mode	Frequency of Mode	Minimum	Maximum	Lower Quartile	Upper Quartile	Std.Dev.
hmotnost před týdnem/mass week ago [g]	143	272,0769	270,0000	270,0000	15	220,0000	334,0000	260,0000	285,0000	22,31436
aktuální hmotnost/actual mass [g]	145	272,7241	272,0000	Multiple	10	200,0000	335,0000	258,0000	287,0000	27,03097
glykemie_0 (mmol/l)	145	10,2883	10,4000	10,50000	8	4,6000	15,7000	8,8000	12,1000	2,40181
glykemie_30 (mmol/l)	145	20,6855	20,5000	16,60000	5	5,6000	29,0000	17,0000	24,2000	4,57564
glykemie_90 (mmol/l)	145	19,8462	19,5000	Multiple	4	5,5000	33,1000	15,8000	22,7000	5,68104

Variable	Descriptive Statistics (diabetes 2024) Include condition: 'skupina/group'='kontrola'									
	Valid N	Mean	Median	Mode	Frequency of Mode	Minimum	Maximum	Lower Quartile	Upper Quartile	Std.Dev.
hmotnost před týdnem/mass week ago [g]	0									
aktuální hmotnost/actual mass [g]	11	274,3636	275,0000	275,0000	2	239,0000	317,0000	250,0000	302,0000	26,80400
glykemie_0 (mmol/l)	11	10,2182	10,0000	Multiple	1	5,2000	14,1000	8,5000	12,1000	2,63318
glykemie_30 (mmol/l)	11	21,3909	22,8000	22,80000	2	14,5000	29,1000	17,5000	23,8000	4,17910
glykemie_90 (mmol/l)	11	16,6818	16,3000	Multiple	1	10,1000	25,2000	12,5000	22,1000	5,22950

Summary Frequency Table (diabetes 2024) Table: skupina/group(2) x glukóza v moči ano/ne(2)				
	skupina/group	glukóza v moči ano/ne ano	glukóza v moči ano/ne ne	Row Totals
Count	DM	141	2	143
Row Percent		98,60%	1,40%	
Count	kontrola	11	0	11
Row Percent		100,00%	0,00%	
Count	All Grps	152	2	154

Summary Frequency Table (diabetes 2024) Table: skupina/group(2) x ketolátky v moči ano/ne(2)				
	skupina/group	ketolátky v moči ano/ne ne	ketolátky v moči ano/ne ano	Row Totals
Count	DM	105	37	142
Row Percent		73,94%	26,06%	
Count	kontrola	9	1	10
Row Percent		90,00%	10,00%	
Count	All Grps	114	38	152

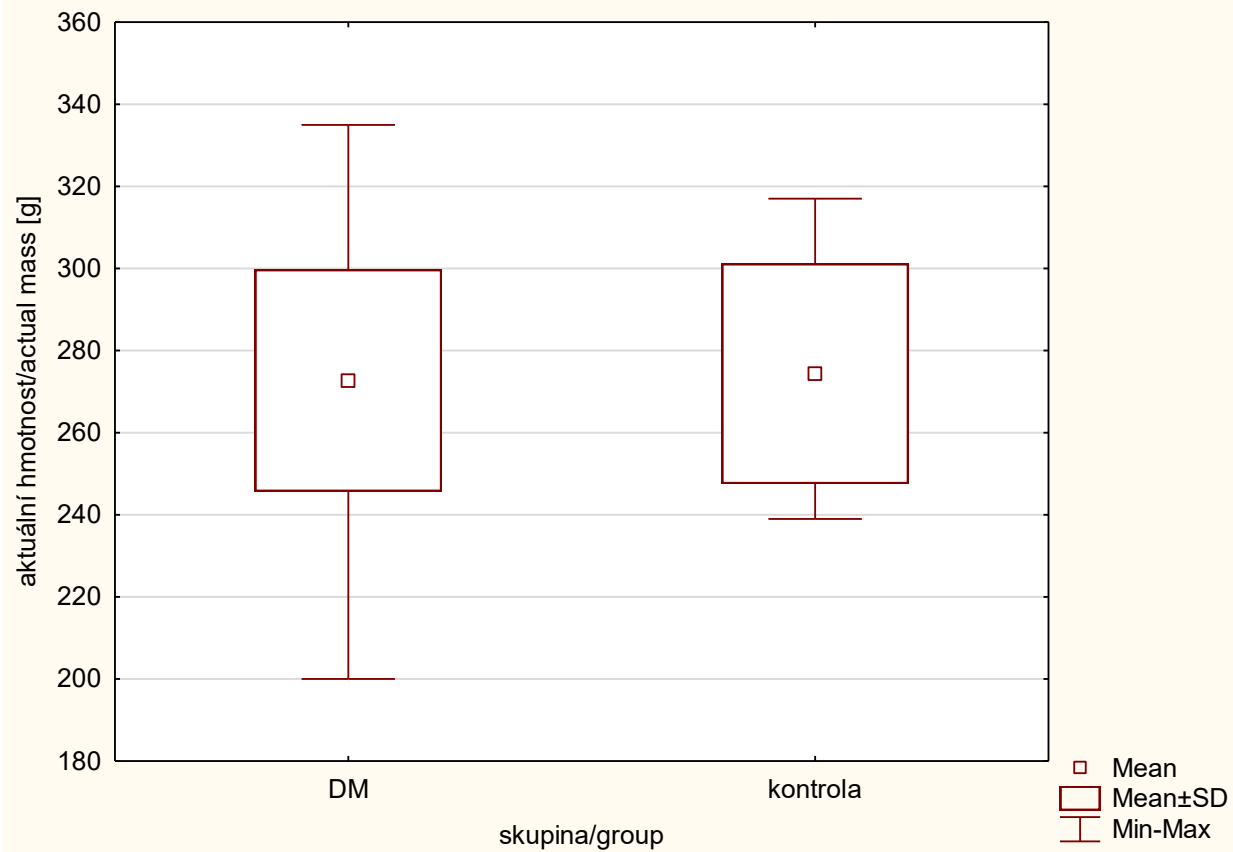
Vývoj hmotnosti v čase: párový Studentův t-test / body weight in time: Student's matched pairs t-test:



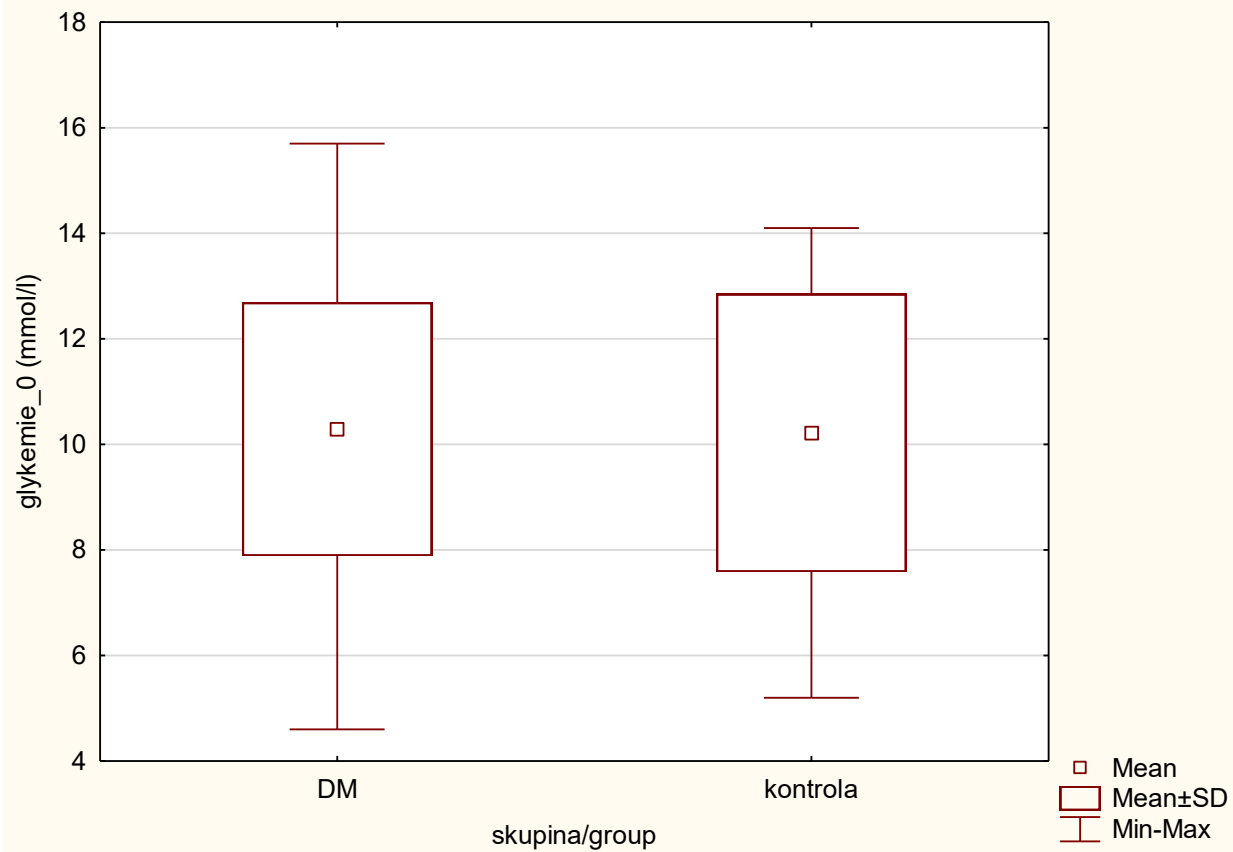
		T-test for Dependent Samples (diabetes 2024) Marked differences are significant at $p < ,05000$ Include condition: 'skupina/group'='DM'								
Variable	Mean	Std.Dv.	N	Diff.	Std.Dv. Diff.	t	df	p	Confidence -95,000%	Confidence +95,000%
hmotnost před týdnem/mass week ago [g]	272,0769	22,31436								
aktuální hmotnost/actual mass [g]	272,5804	27,19062	143	-0,503497	20,94321	-0,287489	142	0,774157	-3,96560	2,958609

Srovnání skupin – nepárový Studentův t-test, oboustranný Fisher exact test / Group comparison – Student's t-test for unmatched data, two-tailed Fisher exact test:

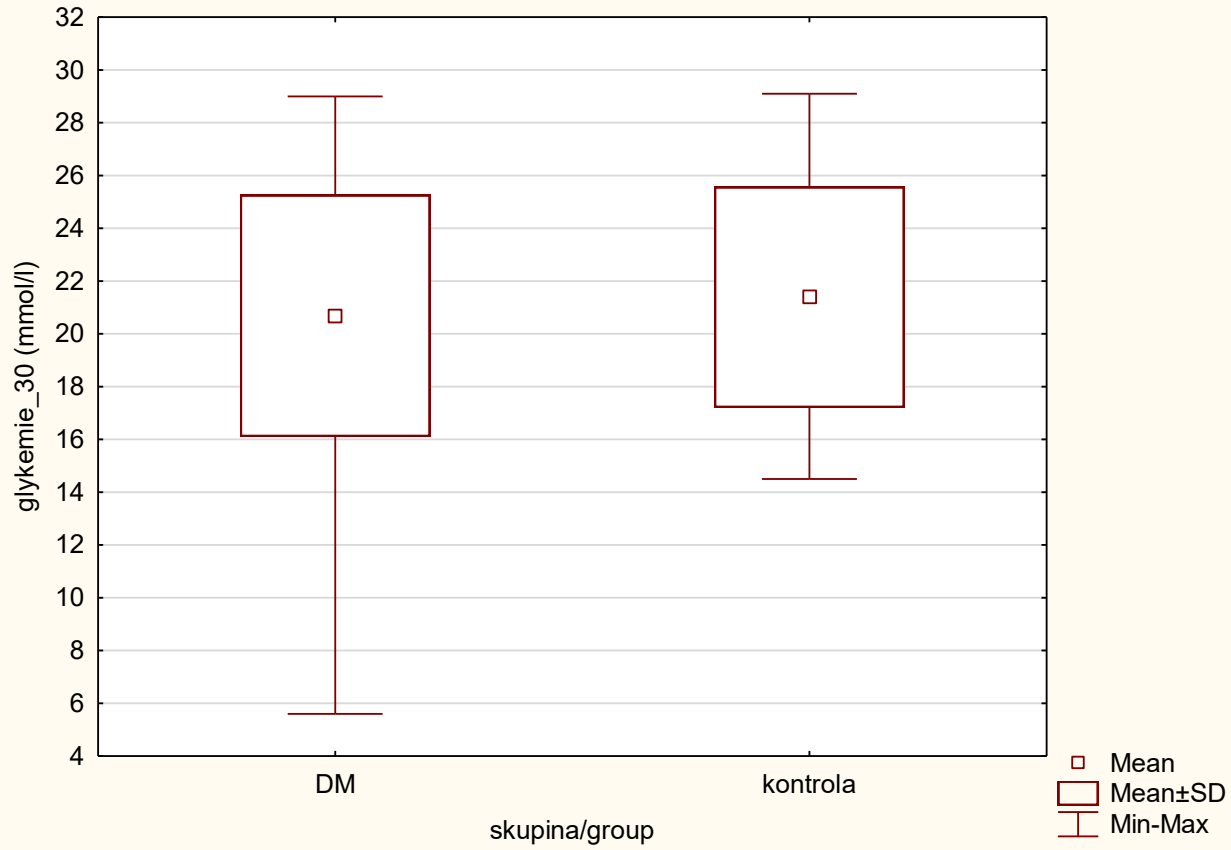
Box Plot of aktuální hmotnost/actual mass [g] grouped by skupina/group  
diabetes 2024 13v\*65498c

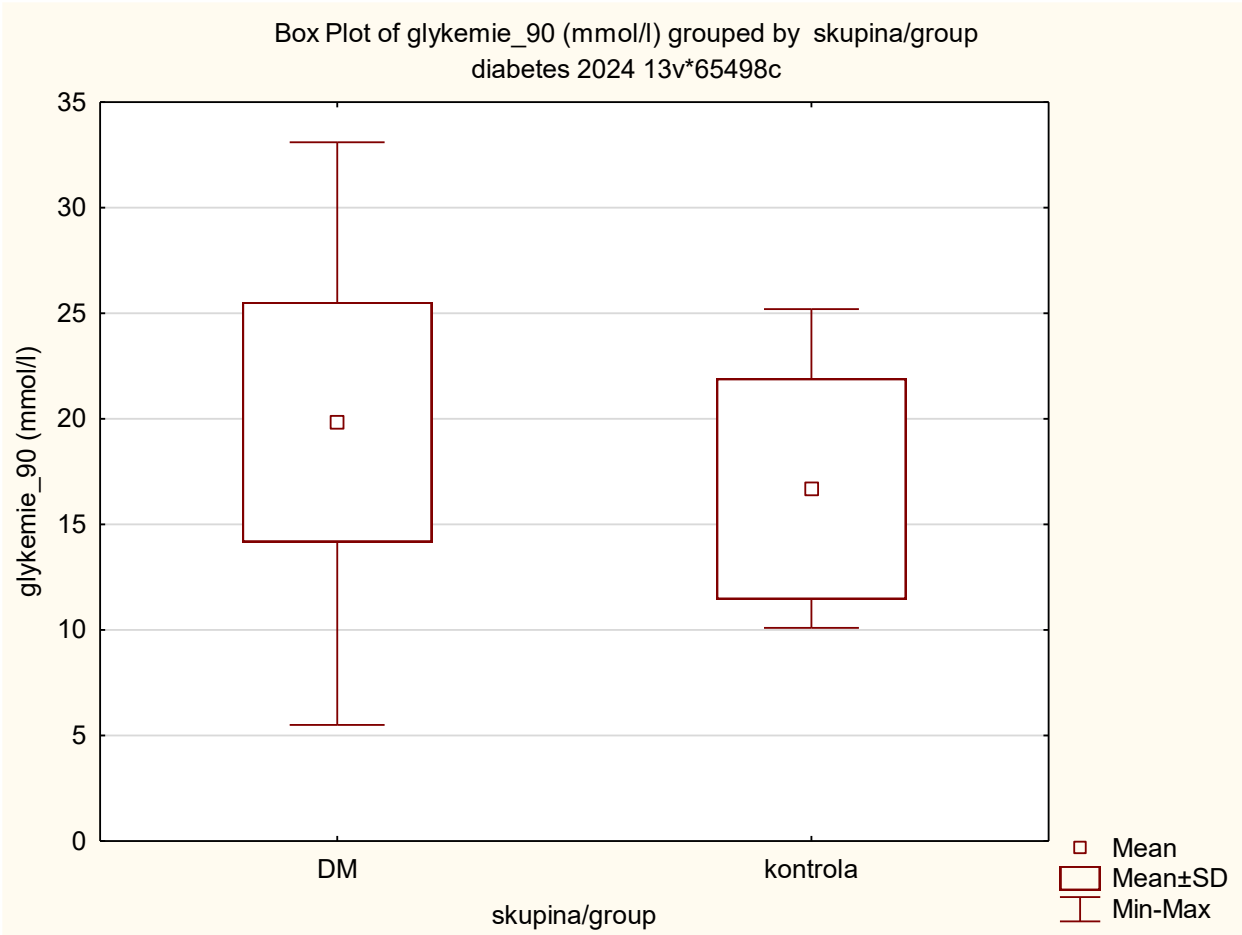


Box Plot of glykemie\_0 (mmol/l) grouped by skupina/group  
diabetes 2024 13v\*65498c



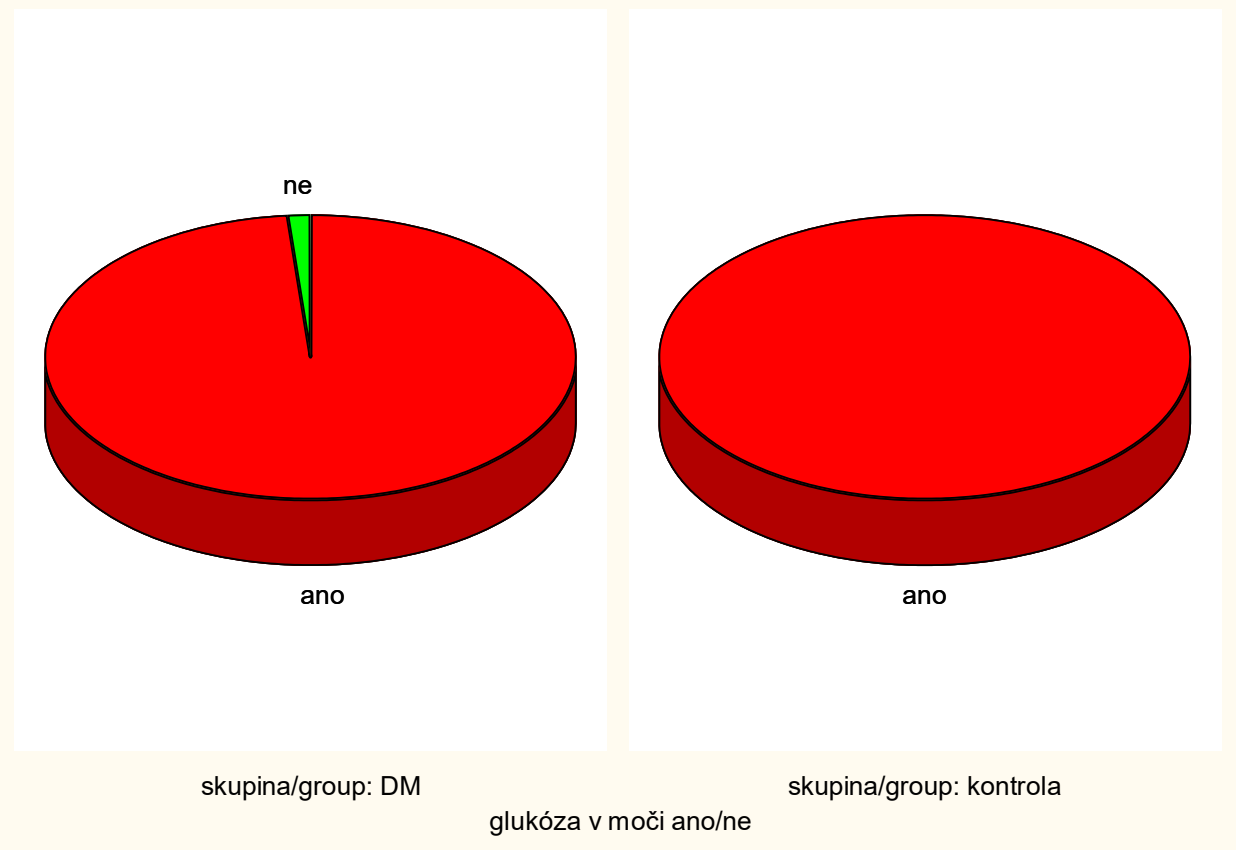
Box Plot of glykemie\_30 (mmol/l) grouped by skupina/group  
diabetes 2024 13v\*65498c





T-tests; Grouping: skupina/group (diabetes 2024)											
Group 1: DM											
Group 2: kontrola											
Variable	Mean DM	Mean kontrola	t-value	df	p	Valid N DM	Valid N kontrola	Std.Dev. DM	Std.Dev. kontrola	F-ratio Variances	p Variances
aktuální hmotnost/actual mass [g]	272,7241	274,3636	-0,194045	154	0,846396	145	11	27,03097	26,80400	1,017007	1,000000
glykemie_0 (mmol/l)	10,2883	10,2182	0,092711	154	0,926254	145	11	2,40181	2,63318	1,201945	0,589008
glykemie_30 (mmol/l)	20,6855	21,3909	-0,495618	154	0,620871	145	11	4,57564	4,17910	1,198777	0,807083
glykemie_90 (mmol/l)	19,8462	16,6818	1,789961	154	0,075425	145	11	5,68104	5,22950	1,180145	0,831939

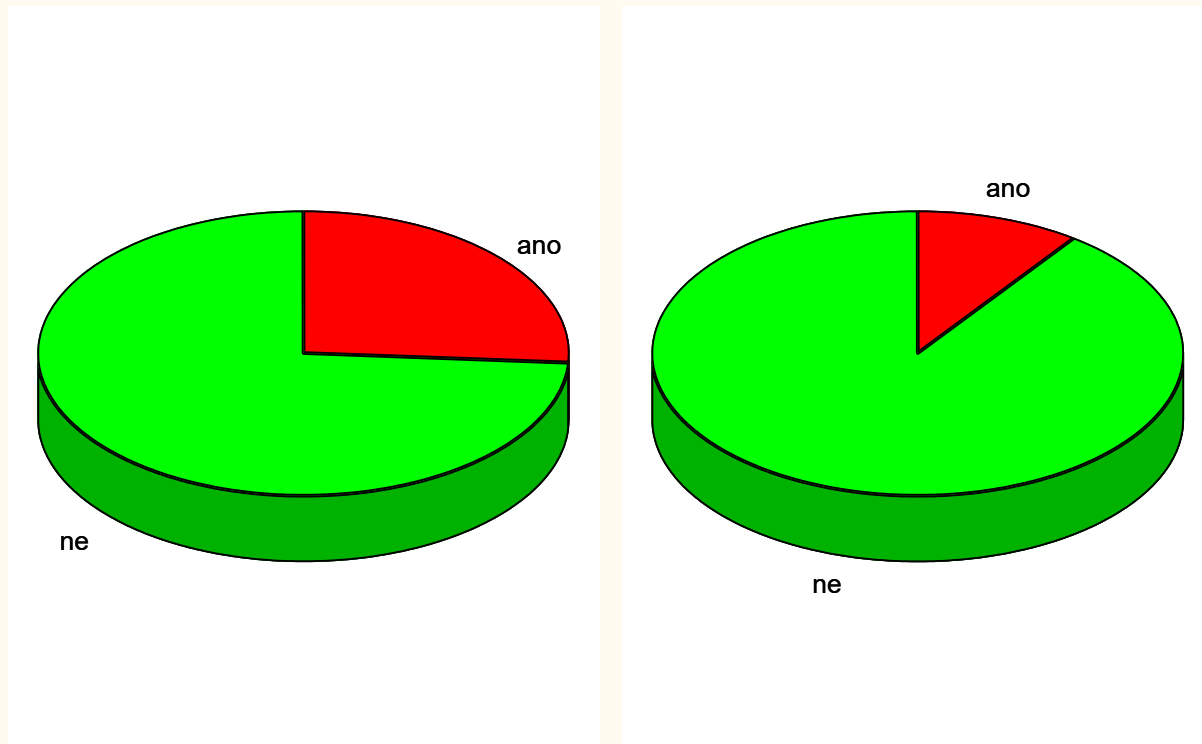
Pie Chart of glukóza v moči ano/ne; categorized by skupina/group  
diabetes 2024 13v\*65498c



Summary Frequency Table (diabetes 2024)				
Table: skupina/group(2) x glukóza v moči ano/ne(2)				
	skupina/group	glukóza v moči ano/ne ano	glukóza v moči ano/ne ne	Row Totals
Count	DM	141	2	143
Row Percent		98,60%	1,40%	
Count	kontrola	11	0	11
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Count	All Grps	152	2	154

Statistics: skupina/group(2) x glukóza v moči ano/ne(2) (diabetes 2024)			
Statistic	Chi-square	df	p
Yates Chi-square	,9741903	df=1	p=,32364
Fisher exact, one-tailed			p=,86181
two-tailed			p=1,0000
McNemar Chi-square (A/D)	139,0071	df=1	p=0,0000
(B/C)	4,923077	df=1	p=,02650

Pie Chart of ketolátky v moči ano/ne; categorized by skupina/group  
diabetes 2024 13v\*65498c



skupina/group: DM

skupina/group: kontrola

ketolátky v moči ano/ne

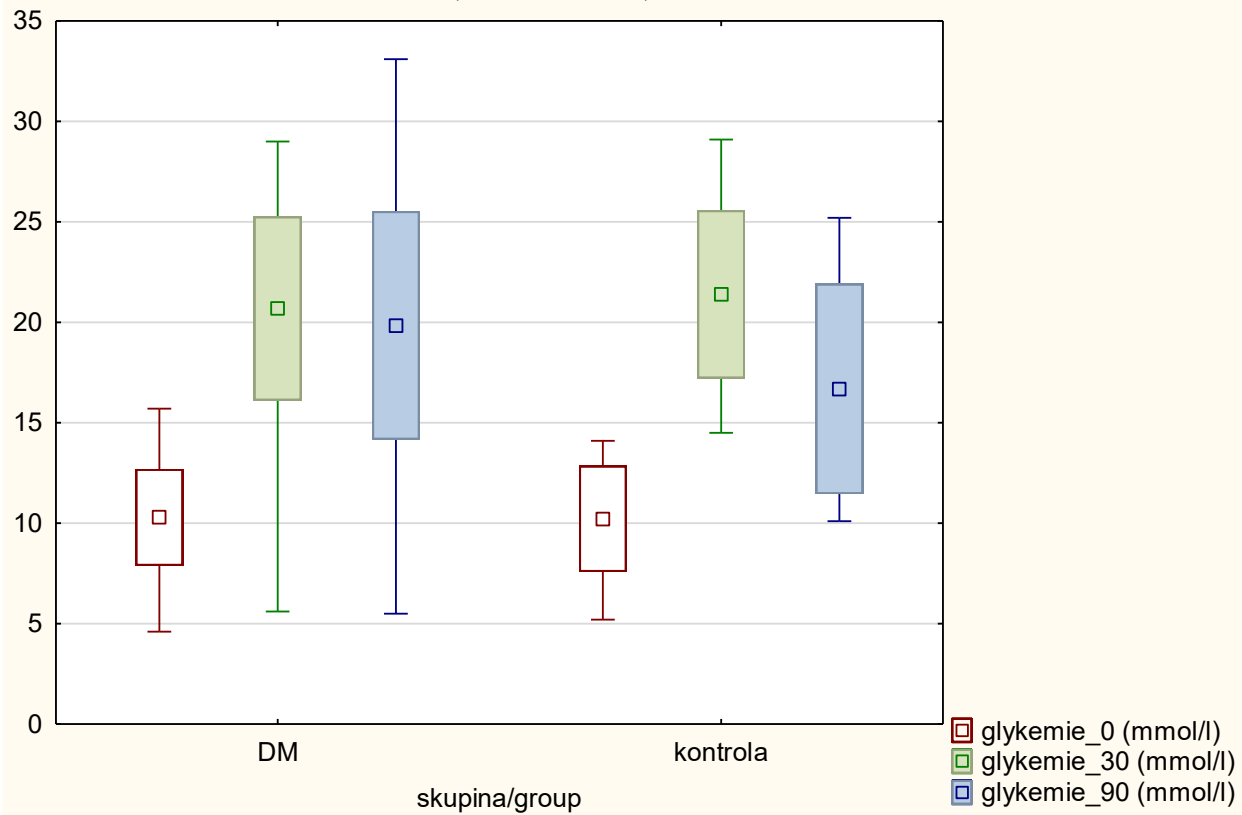


Summary Frequency Table (diabetes 2024) Table: skupina/group(2) x ketolátky v moči ano/ne(2)				
	skupina/group	ketolátky v moči ano/ne ne	ketolátky v moči ano/ne ano	Row Totals
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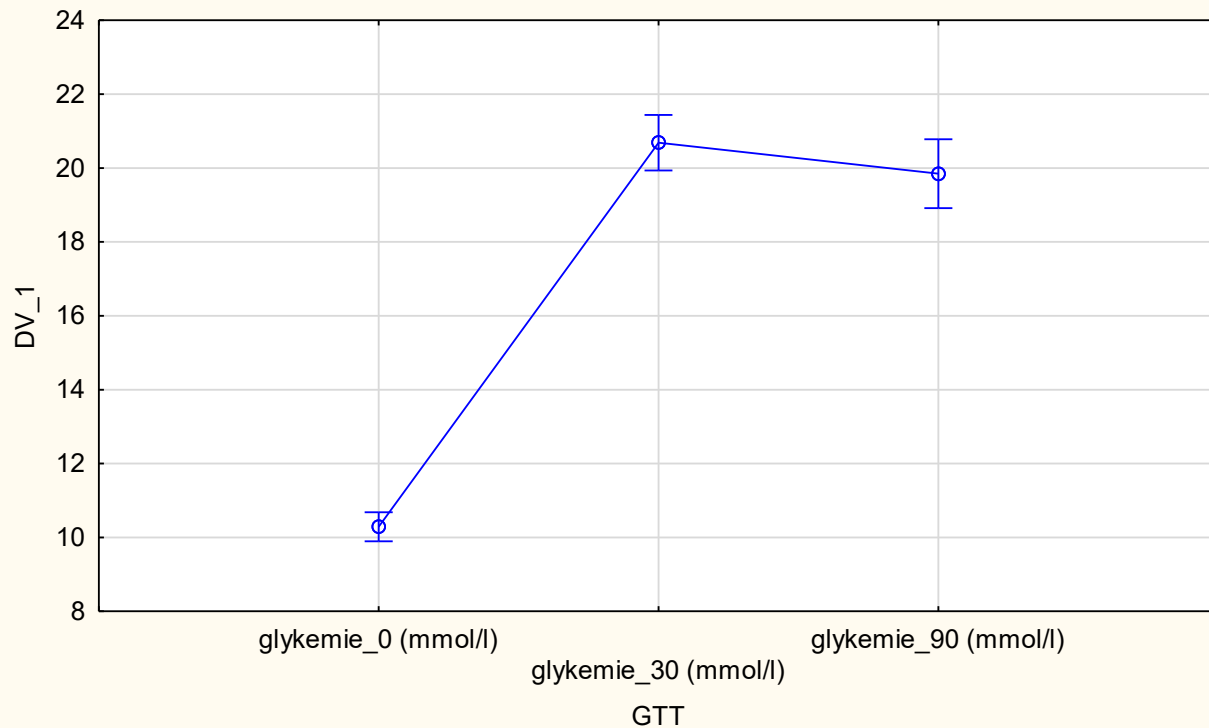
Statistics: skupina/group(2) x ketolátky v moči ano/ne(2) (diabetes 2024)			
Statistic	Chi-square	df	p
Yates Chi-square	,5708920	df=1	p=,44990
Fisher exact, one-tailed			p=,23448
two-tailed			p=,45252
McNemar Chi-square (A/D)	100,0849	df=1	p=0,0000
(B/C)	15,84783	df=1	p=,00007

Vývoj glykémie během GTT: graf a ANOVA pro opakovaná měření, Tukey post hoc test / Glycemia during GTT: graphs and repeated-measures ANOVA, Tukey post hoc test:

Box Plot of multiple variables grouped by skupina/group  
diabetes 2024 13v\*65498c  
Mean; Box: Mean±SD; Whisker: Min-Max

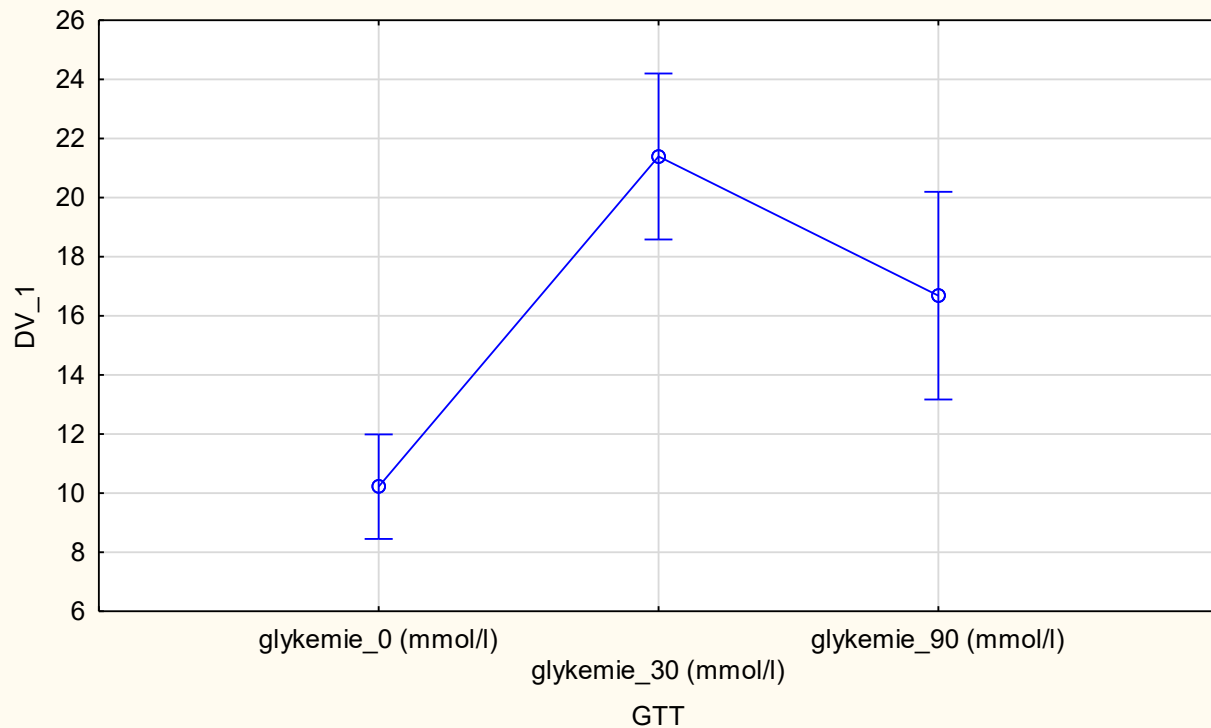


skupina/group=DM  
 GTT; LS Means  
 Current effect: F(2, 288)=381,94, p<0,00001  
 Effective hypothesis decomposition  
 Vertical bars denote 0,95 confidence intervals



skupina/group=DM TukeyHSD test; variable DV_1 (diabetes 2024) Approximate Probabilities for Post Hoc Tests Error: Within MS = 12,665, df = 288,00				
Cell No.	GTT	{1} 10,288	{2} 20,686	{3} 19,846
1	glykemie_0 (mmol/l)		0,000022	0,000022
2	glykemie_30 (mmol/l)	0,000022		0,110231
3	glykemie_90 (mmol/l)	0,000022	0,110231	

skupina/group=kontrola  
 GTT; LS Means  
 Current effect:  $F(2, 20)=31,235$ ,  $p<0,00001$   
 Effective hypothesis decomposition  
 Vertical bars denote 0,95 confidence intervals



skupina/group=kontrola TukeyHSD test; variable DV_1 (diabetes 2024) Approximate Probabilities for Post Hoc Tests Error: Within MS = 11,081, df = 20,000				
Cell No.	GTT	{1} 10,218	{2} 21,391	{3} 16,682
1	glykemie_0 (mmol/l)		0,000145	0,000654
2	glykemie_30 (mmol/l)	0,000145		0,009314
3	glykemie_90 (mmol/l)	0,000654	0,009314	