

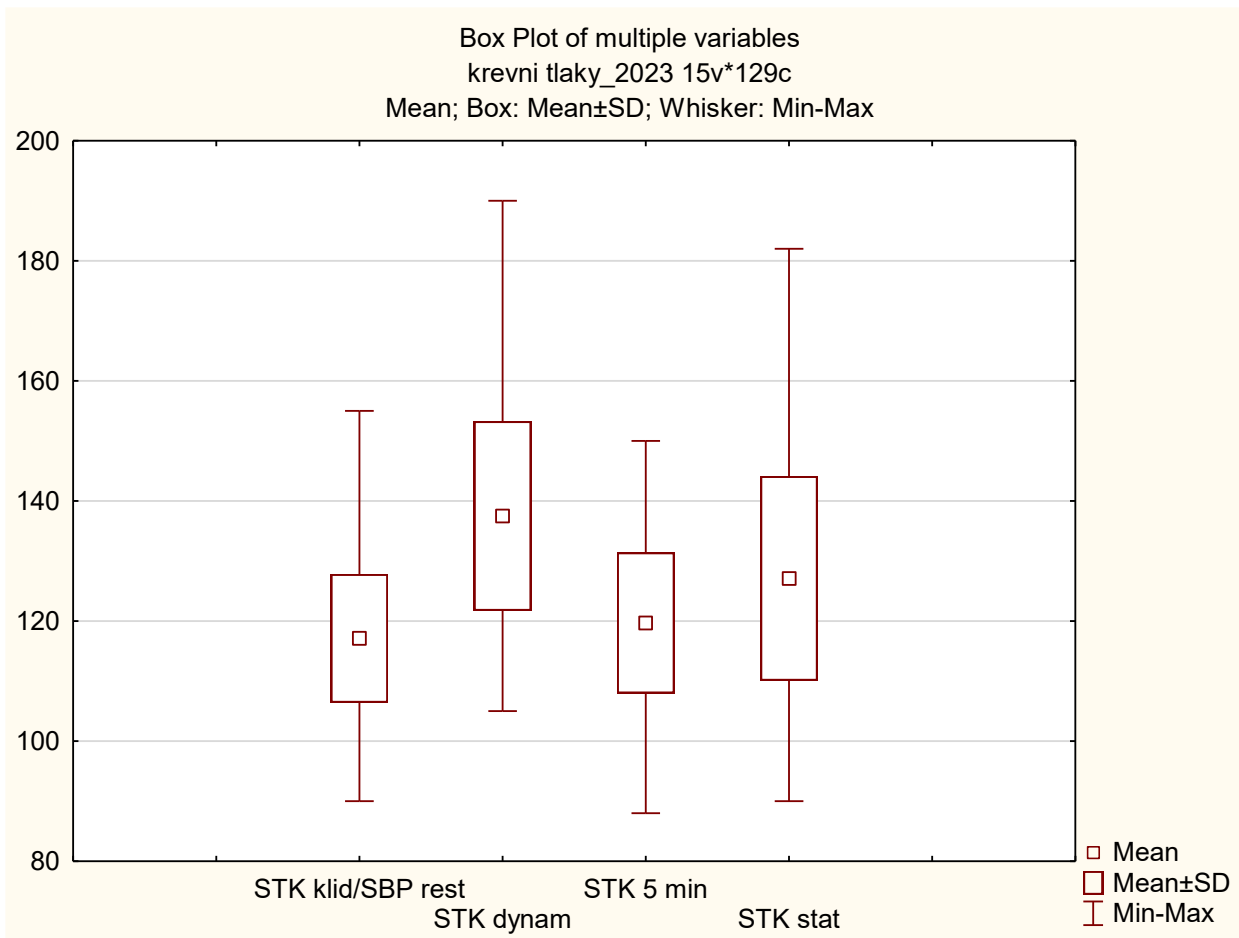
Deskriptivní statistika / descriptive statistics:

Variable	Descriptive Statistics (krevni tlaky_2023)									
	Valid N	Mean	Median	Mode	Frequency of Mode	Minimum	Maximum	Lower Quartile	Upper Quartile	Std.Dev.
STK klid/SBP rest	129	117,1163	118,0000	110,0000	18	90,0000	155,0000	110,0000	125,0000	10,70676
DTK klid/DBP rest	129	73,4574	75,0000	70,00000	23	55,0000	90,0000	70,0000	80,0000	8,13750
TF klid/HR rest	112	67,7500	66,5000	60,00000	15	44,0000	110,0000	60,5000	74,0000	9,46163
STK dynam	102	137,5098	136,0000	130,0000	17	105,0000	190,0000	130,0000	150,0000	15,78302
DTK dynam	102	73,1961	71,0000	70,00000	22	45,0000	110,0000	68,0000	80,0000	10,76669
TF dynam	90	89,5111	87,5000	85,00000	6	46,0000	128,0000	76,0000	102,0000	17,26869
STK 5 min	123	119,6992	120,0000	Multiple	14	88,0000	150,0000	110,0000	128,0000	11,72774
DTK 5 min	123	72,4472	70,0000	70,00000	23	57,0000	95,0000	65,0000	78,0000	8,69445
TF 5 min	104	71,8365	72,0000	Multiple	11	48,0000	115,0000	65,0000	78,5000	10,89322
STK stat	102	127,1176	125,0000	120,0000	12	90,0000	182,0000	118,0000	135,0000	17,03711
DTK stat	102	77,4608	78,0000	80,00000	20	60,0000	125,0000	70,0000	82,0000	10,44995
TF stat	88	76,2955	76,0000	80,00000	8	48,0000	130,0000	68,0000	83,5000	13,86400

Frequency table: pohlaví/sex (krevni tlaky_2023)		
Category	Count	Percent
f	79	61,24031
m	48	37,20930
Missing	2	1,55039

Srovnání STK v různých časových bodech / SBP comparison in different timepoints:

Krabicové grafy / Box and whisker plots:



Studentův párový t-test / Student's t-test for matched pairs (dependent data):

		T-test for Dependent Samples (krevni tlaky_2023) Marked differences are significant at p < ,05000								
Variable	Mean	Std.Dv.	N	Diff.	Std.Dv. Diff.	t	df	p	Confidence -95,000%	Confidence +95,000%
STK klid/SBP rest	116,1471	10,64494								
STK dynam	137,5098	15,78302	102	-21,3627	10,52182	-20,5053	101	0,00	-23,4294	-19,2961

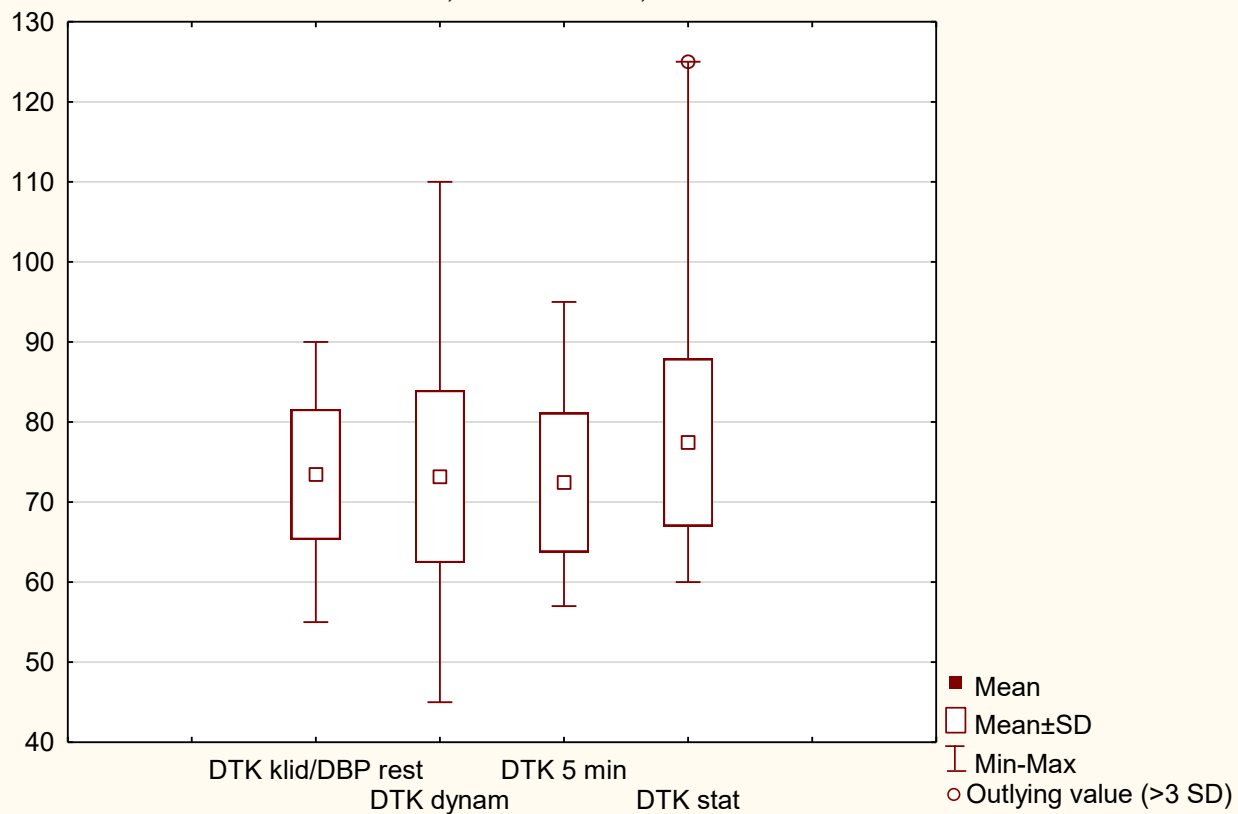
T-test for Dependent Samples (krevni tlaky_2023) Marked differences are significant at p < ,05000										
Variable	Mean	Std.Dv.	N	Diff.	Std.Dv. Diff.	t	df	p	Confidence -95,000%	Confidence +95,000%
STK klid/SBP rest	117,1138	10,87349								
STK 5 min	119,6992	11,72774	123	-2,58537	7,366213	-3,89251	122	0,000162	-3,90019	-1,27054

T-test for Dependent Samples (krevni tlaky_2023) Marked differences are significant at p < ,05000										
Variable	Mean	Std.Dv.	N	Diff.	Std.Dv. Diff.	t	df	p	Confidence -95,000%	Confidence +95,000%
STK klid/SBP rest	116,7941	11,49975								
STK stat	127,1176	17,03711	102	-10,3235	11,14811	-9,35248	101	0,000000	-12,5132	-8,13383

Srovnání DTK v různých časových bodech / DBP comparison in different timepoints:

Krabicové grafy / Box and whisker plots:

Box Plot of multiple variables
 krevni tlaky_2023 15v*129c
 Mean; Box: Mean±SD; Whisker: Min-Max



Studentův párový t-test / Student's t-test for matched pairs (dependent data):

T-test for Dependent Samples (krevni tlaky_2023)										
Marked differences are significant at $p < ,05000$										
Variable	Mean	Std.Dv.	N	Diff.	Std.Dv. Diff.	t	df	p	Confidence -95,000%	Confidence +95,000%
DTK klid/DBP rest	72,44118	8,00071								
DTK dynam	73,19608	10,76669	102	-0,754902	10,39367	-0,733536	101	0,464931	-2,79641	1,286609

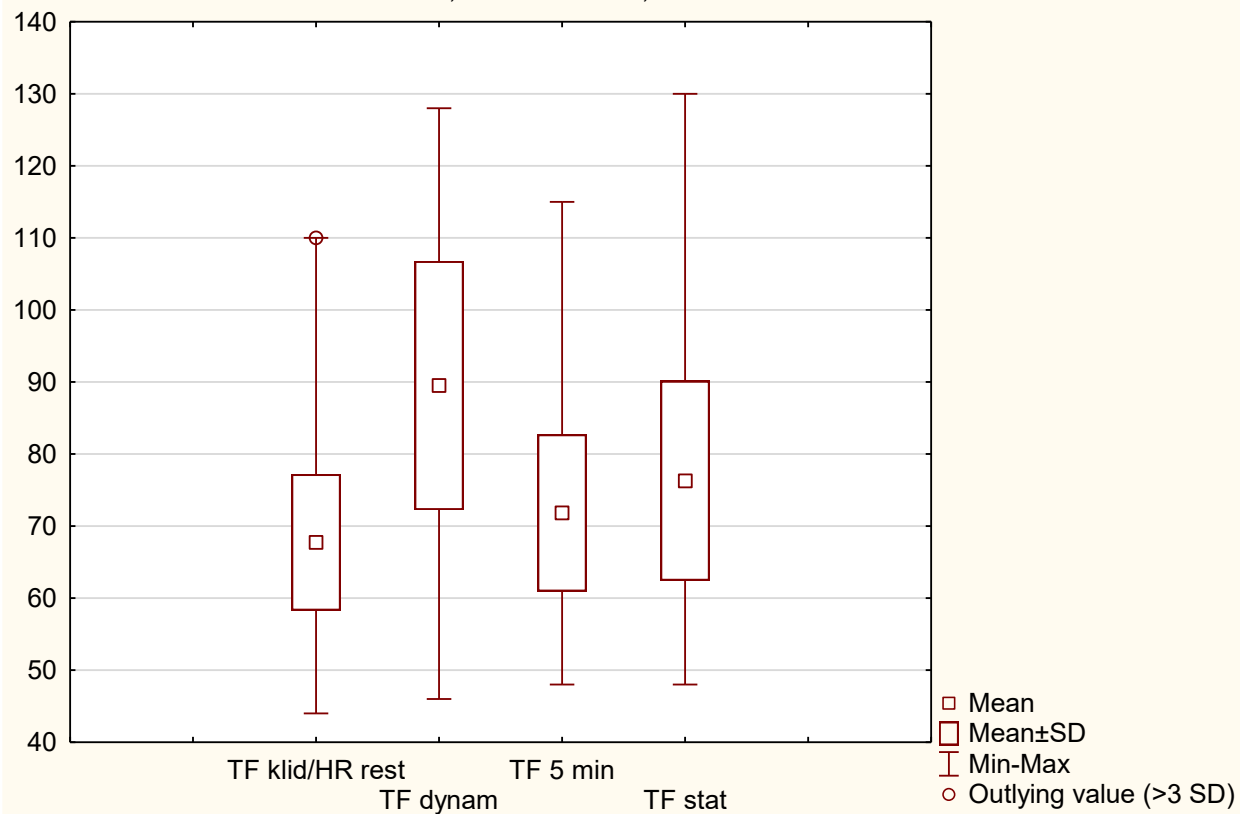
T-test for Dependent Samples (krevni tlaky_2023) Marked differences are significant at p < ,05000										
Variable	Mean	Std.Dv.	N	Diff.	Std.Dv. Diff.	t	df	p	Confidence -95,000%	Confidence +95,000%
DTK klid/DBP rest	73,43089	8,199442								
DTK 5 min	72,44715	8,694452	123	0,983740	6,671426	1,635363	122	0,104551	-0,207073	2,174553

T-test for Dependent Samples (krevni tlaky_2023) Marked differences are significant at p < ,05000										
Variable	Mean	Std.Dv.	N	Diff.	Std.Dv. Diff.	t	df	p	Confidence -95,000%	Confidence +95,000%
DTK klid/DBP rest	73,52941	7,99840								
DTK stat	77,46078	10,44995	102	-3,93137	8,845494	-4,48872	101	0,000019	-5,66879	-2,19395

Srovnání TF v různých časových bodech / HR comparison in different timepoints:

Krabicové grafy / Box and whisker plots:

Box Plot of multiple variables
 krevni tlaky_2023 15v*129c
 Mean; Box: Mean±SD; Whisker: Min-Max



Studentův párový t-test / Student's t-test for matched pairs (dependent data):

T-test for Dependent Samples (krevni tlaky_2023)										
Marked differences are significant at p < ,05000										
Variable	Mean	Std.Dv.	N	Diff.	Std.Dv. Diff.	t	df	p	Confidence -95,000%	Confidence +95,000%
TF klid/HR rest	66,91111	8,61361								
TF dynam	89,51111	17,26869	90	-22,6000	14,65621	-14,6288	89	0,000000	-25,6697	-19,5303

T-test for Dependent Samples (krevni tlaky_2023) Marked differences are significant at p < ,05000										
Variable	Mean	Std.Dv.	N	Diff.	Std.Dv. Diff.	t	df	p	Confidence -95,000%	Confidence +95,000%
TF klid/HR rest	67,79808	9,57685								
TF 5 min	71,83654	10,89322	104	-4,03846	8,270809	-4,97949	103	0,000003	-5,64693	-2,43000

T-test for Dependent Samples (krevni tlaky_2023) Marked differences are significant at p < ,05000										
Variable	Mean	Std.Dv.	N	Diff.	Std.Dv. Diff.	t	df	p	Confidence -95,000%	Confidence +95,000%
TF klid/HR rest	68,29885	10,04075								
TF stat	76,36782	13,92765	87	-8,06897	10,33147	-7,28476	86	0,000000	-10,2709	-5,86703

Srovnání pohlaví: nepárový Studentův t-test (1. p-hodnota) / sex comparison – Student's t-test for unmatched data (first p-value):

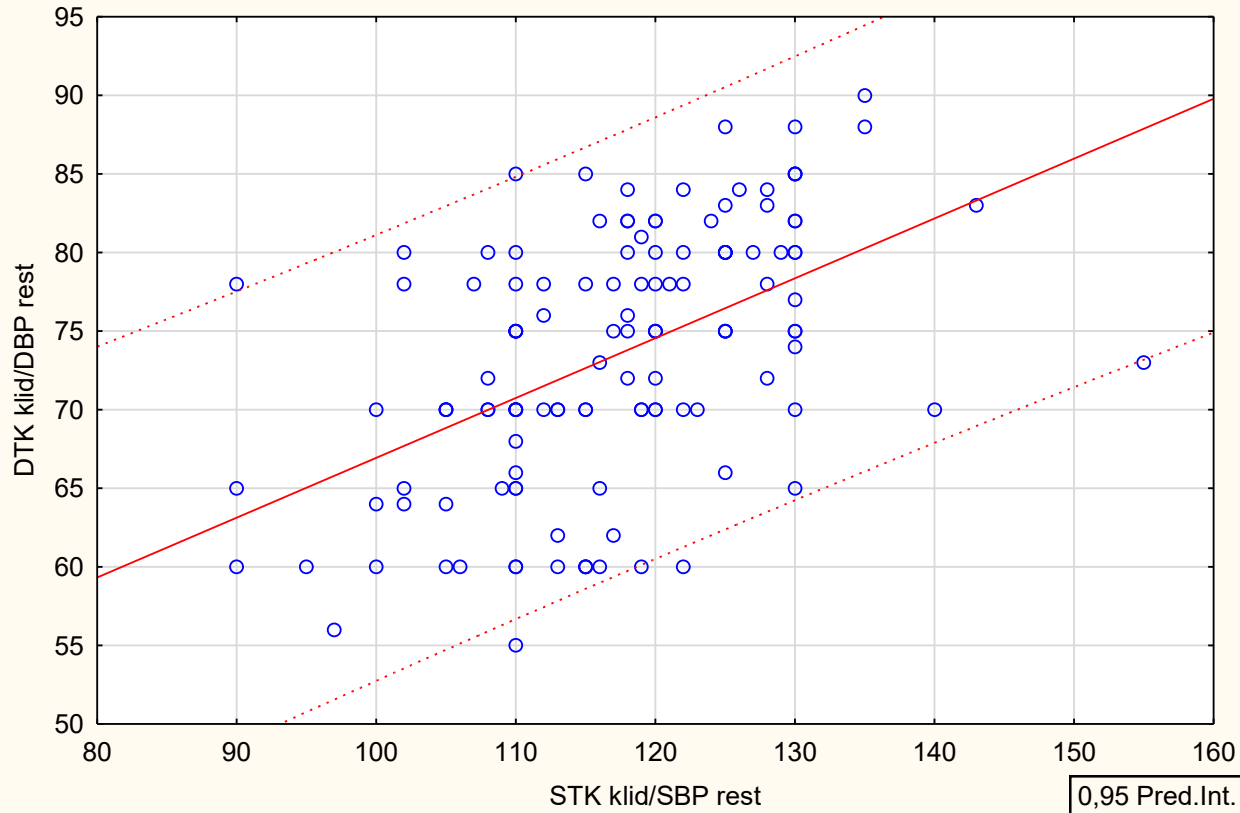
T-tests; Grouping: pohlaví/sex (krevni tlaky_2023) Group 1: f Group 2: m											
Variable	Mean f	Mean m	t-value	df	p	Valid N f	Valid N m	Std.Dev. f	Std.Dev. m	F-ratio Variances	p Variances
STK klid/SBP rest	113,0127	123,9375	-6,34069	125	0,000000	79	48	9,54543	9,19391	1,077930	0,792064
DTK klid/DBP rest	71,3165	76,7292	-3,81258	125	0,000215	79	48	8,05039	7,24566	1,234464	0,438895
TF klid/HR rest	67,9429	67,5854	0,19086	109	0,848992	70	41	10,56503	7,39248	2,042495	0,016166
STK dynam	132,2769	146,7027	-4,92215	100	0,000003	65	37	12,36869	17,04710	1,899561	0,024955
DTK dynam	73,5231	72,6216	0,40487	100	0,686439	65	37	12,05730	8,13890	2,194664	0,012200
TF dynam	86,5263	94,6667	-2,20110	88	0,030346	57	33	17,21306	16,35861	1,107193	0,769613
STK 5 min	115,4416	126,8261	-5,88321	121	0,000000	77	46	10,12227	10,81214	1,140953	0,603760
DTK 5 min	70,4935	75,7174	-3,35718	121	0,001053	77	46	8,52029	8,05443	1,119022	0,692053
TF 5 min	72,8636	70,0526	1,27100	102	0,206619	66	38	11,68021	9,24720	1,595442	0,126087
STK stat	119,5593	136,8537	-6,11178	98	0,000000	59	41	13,24214	14,84177	1,256189	0,421889
DTK stat	74,4068	81,1220	-3,80989	98	0,000243	59	41	8,47332	8,94482	1,114386	0,696774
TF stat	76,3208	76,0588	0,08511	85	0,932375	53	34	14,41257	13,34153	1,167001	0,644668

Pearsonovy korelace klidového STK, DTK a TK / Pearson correlations of resting SBP, DBP and HR:

Scatterplot: STK klid/SBP rest vs. DTK klid/DBP rest (Casewise MD deletion)

$DTK\ klid/DBP\ rest = 28,871 + ,38070 * STK\ klid/SBP\ rest$

Correlation: $r = ,50090$



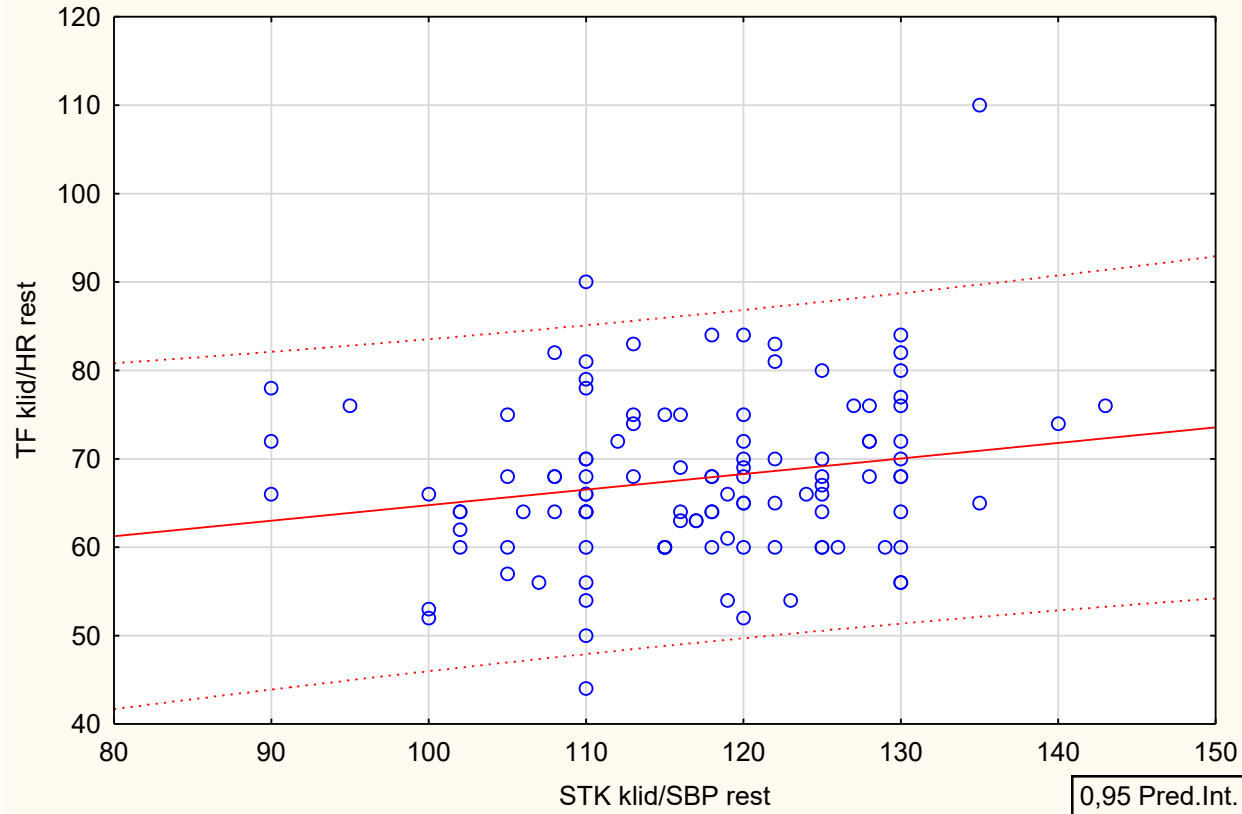
Correlations (krevni tlaky_2023)
 Marked correlations are significant at $p < ,05000$
 N=129 (Casewise deletion of missing data)

Variable	DTK klid/DBP rest
STK klid/SBP rest	$,5009$
	$p = ,000$

Scatterplot: STK klid/SBP rest vs. TF klid/HR rest (Casewise MD deletion)

$$TF\ klid/HR\ rest = 47,179 + ,17582 * STK\ klid/SBP\ rest$$

Correlation: $r = ,19477$



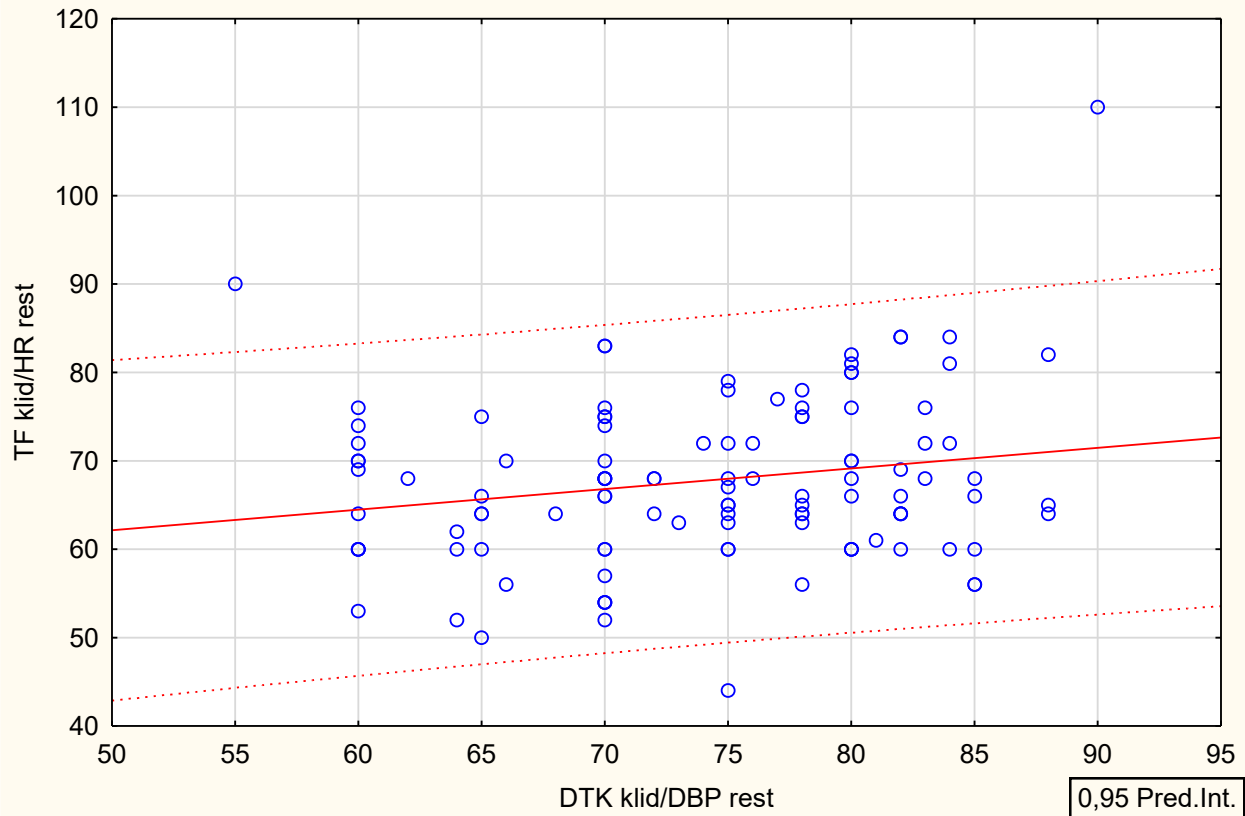
Correlations (krevni tlaky_2023)
 Marked correlations are significant at $p < ,05000$
 N=112 (Casewise deletion of missing data)

Variable	TF klid/HR rest
STK klid/SBP rest	$,1948$
	$p=,040$

Scatterplot: DTK klid/DBP rest vs. TF klid/HR rest (Casewise MD deletion)

TF klid/HR rest = 50,477 + ,23331 * DTK klid/DBP rest

Correlation: r = ,19884



Correlations (krevni tlaky_2023)
 Marked correlations are significant at $p < ,05000$
 N=112 (Casewise deletion of missing data)

Variable	TF klid/HR rest
DTK klid/DBP rest	,1988
	p=,036