

## Lista atrybutów korelujących ze sobą na poziomie $\geq 80\%$

	feature_1	feature_2	spearman correlation
0	CTRP1 ng/ml (to 192)	CTRP1 ng/ml ( $\geq 192$ )	0.838446
1	AMH (pmol/l)	AMH (ng/ml) *7,14=pmol/l	0.998222
2	AMH (pmol/l)	AMH>48pmol/l/>6,8ng/ml	0.831483
3	AMH (pmol/l)	AMH $\geq 4,7$ ng/ml	0.841726
4	AMH (pmol/l)	AMH $\geq 4,57$	0.836782
5	AMH (ng/ml) *7,14=pmol/l	AMH>48pmol/l/>6,8ng/ml	0.830512
6	AMH (ng/ml) *7,14=pmol/l	AMH $\geq 4,7$ ng/ml	0.845134
7	AMH (ng/ml) *7,14=pmol/l	AMH $\geq 4,57$	0.840355
8	AMH $\geq 4,7$ ng/ml	AMH $\geq 4,57$	0.986017
9	weight	BMI	0.923216
10	weight	Waist Circumference (WC)	0.880352
11	weight	Hip Circumference (HC)	0.871598
12	weight	overweight/obesity 0-normal/low, 1-overweight,...	0.808843
13	height (cm)	height (m)	0.986622
14	BMI	Waist Circumference (WC)	0.869122
15	BMI	Hip Circumference (HC)	0.834899
16	BMI	WHTR (Waist/Height Ratio)	0.881713
17	BMI	overweight/obesity 0-normal/low, 1-overweight,...	0.838440
18	Waist Circumference (WC)	Hip Circumference (HC)	0.833751
19	Waist Circumference (WC)	WHTR (Waist/Height Ratio)	0.962274
20	WHTR (Waist/Height Ratio)	WHTR>0,5	0.817082
21	WHTR (Waist/Height Ratio)	overweight/obesity 0-normal/low, 1-overweight,...	0.800541
22	WHTR>0,5	overweight/obesity 0-normal/low, 1-overweight,...	0.839020
23	PCO ovary morfology in USG (0-brak, 1--obecna)	follicules >12	0.831378
24	hirsutism	FG score (Ferriman-Gallway score - stopień and...	0.851592

25	elevated DHT	Dihydrotestosterone pg/ml	0.829024
26	elevated DHT	DHT>368	0.952686
27	Volume of the thyroid Right Lobe	thyroid volume	0.920915
28	Volume of the thyroid Left Lobe	thyroid volume	0.879496
29	nodules 0-lack, 1-RL, 2-LL, 3-both	number of nodules	0.990922
30	Vole of the Right Ovary	ovaries volume - total	0.907710
31	Volume of the Left Ovary	ovaries volume - total	0.900947
32	WBC x10 <sup>3</sup> /ul	neutrophil x10 <sup>3</sup> /ul	0.909200
33	eosinocytes x10 <sup>3</sup> /ul	%eosinocytes	0.909398
34	eosinocytes x10 <sup>3</sup> /ul	eos/leukocyty	0.903821
35	% neutrophil	% lymphocytes	-0.904518
36	% neutrophil	NLR (stosunek neutrofili do limfocytów)	0.961823
37	% neutrophil	L/WCC (leukocyty do całkowitej liczby krwinek ...	-0.928140
38	% lymphocytes	NLR (stosunek neutrofili do limfocytów)	-0.968103
39	% lymphocytes	L/WCC (leukocyty do całkowitej liczby krwinek ...	0.974390
40	%eosinocytes	eos/leukocyty	0.989280
41	Hemoglobin [g/dl]	hematocrit [%]	0.904940
42	HTC/Hb	MCHC g/dl	-0.991580
43	PLT x10 <sup>3</sup> /ul	MPV/PLT	-0.928665
44	PDW fl	MPV fl	0.921533
45	PDW fl	P-LCR %	0.955229
46	MPV fl	P-LCR %	0.954273
47	NLR (stosunek neutrofili do limfocytów)	L/WCC (leukocyty do całkowitej liczby krwinek ...	-0.985409
48	CHOL mg/dl	LDL mg/dl	0.843023
49	LDL mg/dl	Atherogenic index (AI) (LDL-C/HDL-C)	0.811510
50	TG	coronary risk index (CRI) (TG/HDL-C)	0.916879
51	UIBC ug/dl	TSAT	-0.867701

52	ferrum ug/dl	TSAT	0.941255
53	insulin 0 uU/ml	HOMA	0.991818
54	insulin 0 uU/ml	Matsuda	-0.826486
55	insulin 0 uU/ml	QUICKI (N<0,357)	-0.991823
56	Insulin 120 uU/ml	Matsuda	-0.839939
57	HOMA	Matsuda	-0.832348
58	HOMA	QUICKI (N<0,357)	-1.000000
59	Matsuda	QUICKI (N<0,357)	0.832346
60	testosterone nmol/l	T (ng/ml)	1.000000
61	T/SHBG	FTI (free testosterone index)	0.988911
62	E(pg/ml)/T(ng/ml)/	Estradiol pg/ml	0.809807
63	Dihydrotestosterone pg/ml	DHT>368	0.859436