Table 4. Univariate correlation between 25-(OH)D and metabolic parameters. Pearson's correlation coefficient of normalized (z-transformed) values is presented, together with the number of subjects in parenthesis and statistical significance. Significant correlations are denoted in bold characters.

		Glucose	Hb_A1c	INS	Urea	Creatinine	Albumin	CRP	Trig	Chol	HDL	LDL	Total/HDL Chol	TSH
25-(OH)VitD	Pearson Correlation (n)	-0.144 (5079)	-0.184 (739)	-0.176 (115)	-0.070 (5675)	-0.121 (5821)	0.200 (4172)	-0.116 (1148)	-0.187 (3712)	-0.115 (3752)	0.0220 (3573)	-0.010 (3569)	-0.136 (3561)	-0.022 (3965)
	p	0.001	0.001	0.059	0.001	0.001	0.001	0.001	0.001	0.001	0.189	0.559	0.001	0.171
Glucose	Pearson Correlation (n)		0.681 (655)	0.132 (107)	0.072 (4886)	0.145 (4901)	-0.187 (3234)	0.082 (966)	0.243 (3470)	-0.024 (3503)	-0.151 (3349)	0.004 (3344)	0.160 (3340)	-0.006 (2869)
	p		0.001	0.175	0.001	0.001	0.001	0.011	0.001	0.172	0.001	0.839	0.001	0.733
Hb_A1c	Pearson Correlation (n)			0.372 (54)	0.115 (630)	0.133 (641)	-0.209 (516)	0.076 (153)	0.252 (566)	0.0003 (563)	-0.163 (547)	0.0219 (546)	0.181 (541)	0.043 (482)
	p			0.006	0.004	0.001	0.001	0.344	0.001	0.994	0.001	0.610	0.001	0.345
INS	Pearson Correlation (n)				-0.105 (92)	0.0154 (92)	0.057 (73)	0.2968 (17)	0.230 (79)	-0.173 (80)	-0.330 (79)	0.0484 (79)	0.240 (79)	0.104 (76)
	p				0.319	0.884	0.632	0.247	0.041	0.124	0.003	0.672	0.033	0.372
Urea	Pearson Correlation (n)					0.331 (5616)	-0.161 (3714)	0.111 (981)	0.044 (3485)	-0.050 (3518)	-0.058 (3359)	-0.012 (3355)	0.038 (3348)	-0.018 (3158)
	p					0.001	0.001	0.001	0.001	0.003	0.001	0.504	0.028	0.303
Creatinine	Pearson Correlation (n)						-0.221 (3774)	0.135 (998)	0.147 (3514)	-0.074 (3548)	-0.147 (3389)	0.0024 (3385)	0.133 (3378)	0.025 (3238)
	p						0.001	0.001	0.001	0.001	0.001	0.889	0.001	0.160
Albumin	Pearson Correlation (n)							-0.503 (631)	-0.055 (2357)	0.225 (2379)	0.252 (2282)	0.054 (2282)	-0.106 (2277)	0.018 (2232)
	p							0.001	0.008	0.001	0.001	0.010	0.001	0.408
CRP	Pearson Correlation (n)								0.256 (667)	-0.043 (672)	-0.121 (626)	-0.001 (625)	0.163 (624)	-0.027 (661)
	p								0.001	0.265	0.003	0.984	0.001	0.493
Trig	Pearson Correlation (n)									0.233 (3686)	-0.389 (3565)	-0.016 (3557)	0.612 (3556)	0.072 (2294)
	p									0.001	0.001	0.347	0.001	0.001
Chol	Pearson Correlation (n)										0.389 (3561)	0.109 (3553)	0.378 (3561)	0.089 (2314)
	p										0.001	0.001	0.001	0.001
HDL	Pearson Correlation (n)											0.015 (3565)	-0.648 (3561)	0.018 (2210)
	p											0.376	0.001	0.410
LDL	Pearson Correlation (n)												0.051 (3553)	0.022 (2206)
	p												0.002	0.304
Total/HDL Chol	Pearson Correlation (n)													0.066 (2200)
	p													0.002