Table S2: Multiple linear regression analysis of vascular structure and function parameters and health-related quality of life.

a)

	Model 1: Unadjusted			Model 2: Minimally adjusted			Model 3: Fully adjusted		
	B	CI95%	p	B	CI95%	p	B	CI95%	p
ABI									
STANDARDIZED PHYSICAL FUNCTION	29.42	16.11 42.73	<0.001	25.61	11.70 39.51	<0.001	26.22	11.68 40.75	<0.001
STANDARDIZED ROLE PHYSICAL	15.92	1.99 29.85	0.025	9.55	-4.92 24.02	0.195	10.60	-4.48 25.69	0.167
STANDARDIZED BODILY PAIN	21.82	4.18 39.46	0.015	8.05	-9.79 25.89	0.375	11.25	-7.99 30.49	0.251
STANDARDIZED GENERAL HEALTH	12.98	-0.63 26.60	0.061	9.76	-4.45 23.98	0.178	8.37	-6.59 23.32	0.272
STANDARDIZED VITALITY	13.29	-3.76 30.34	0.126	9.08	-8.81 26.96	0.319	6.60	-12.02 25.22	0.486
STANDARDIZED SOCIAL FUNCTIONING	1.02	-13.93 15.97	0.893	-7.87	-23.16 7.43	0.312	-12.94	-29.26 3.37	0.120
STANDARDIZED ROLE EMOTIONAL	4.72	-10.16 19.59	0.533	-3.49	-18.83 11.85	0.655	-8.32	-24.71 8.06	0.318
STANDARDIZED MENTAL HEALTH	14.69	-1.26 30.63	0.071	1.79	-14.21 17.79	0.826	-6.85	-23.60 9.90	0.422
STANDARDIZED PHYSICAL COMPON.	24.46	10.40 38.52	0.001	19.80	5.09 34.51	0.009	23.90	8.24 39.55	0.003
STANDARDIZED MENTAL COMPONENT	1.53	-14.55 17.61	0.852	-8.63	-25.02 7.77	0.301	-17.43	-34.67 -0.19	0.048
CAVI									
STANDARDIZED PHYSICAL FUNCTION	1.34	0.42 2.26	0.004	1.97	0.87 3.08	<0.001	1.96	0.79 3.13	0.001
STANDARDIZED ROLE PHYSICAL	1.51	0.57 2.45	0.002	1.39	0.26 2.53	0.017	1.05	-0.16 2.26	0.087
STANDARDIZED BODILY PAIN	2.02	0.83 3.21	0.001	1.40	0.00 2.81	0.050	1.11	-0.43 2.65	0.158
STANDARDIZED GENERAL HEALTH	1.00	0.07 1.92	0.035	0.51	-0.62 1.63	0.378	0.50	-0.71 1.70	0.416
STANDARDIZED VITALITY	0.56	-0.60 1.73	0.341	0.17	-1.25 1.58	0.818	-0.58	-2.07 0.92	0.449
STANDARDIZED SOCIAL FUNCTIONING	1.01	0.00 2.02	0.051	0.01	-1.20 1.22	0.984	-0.17	-1.49 1.14	0.798
STANDARDIZED ROLE EMOTIONAL	0.81	-0.20 1.82	0.115	0.14	-1.07 1.35	0.822	-0.15	-1.47 1.17	0.826
STANDARDIZED MENTAL HEALTH	1.57	0.49 2.64	0.004	0.49	-0.78 1.75	0.451	0.46	-0.89 1.80	0.504
STANDARDIZED PHYSICAL COMPON.	1.50	0.54 2.46	0.002	1.77	0.61 2.93	0.003	1.59	0.32 2.85	0.014
STANDARDIZED MENTAL COMPONENT	0.81	-0.28 1.90	0.145	-0.43	-1.73 0.87	0.513	-0.72	-2.11 0.67	0.310

b)

	Model 1: Unadjusted			Model 2: Minimally adjusted			Model 3: Fully adjusted		
	B	CI95%	p	B	CI95%	p	B	CI95%	p
ba-PWV									
STANDARDIZED PHYSICAL FUNCTION	0.12	-0.28 0.52	0.549	0.24	-0.20 0.69	0.277	0.15	-0.34 0.64	0.542
STANDARDIZED ROLE PHYSICAL	0.49	0.09 0.89	0.017	0.46	0.01 0.91	0.043	0.24	-0.26 0.74	0.337
STANDARDIZED BODILY PAIN	0.37	-0.14 0.89	0.153	0.18	-0.37 0.74	0.515	-0.06	-0.70 0.58	0.850
STANDARDIZED GENERAL HEALTH	-0.02	-0.41 0.38	0.938	-0.28	-0.72 0.17	0.222	-0.33	-0.82 0.17	0.195
STANDARDIZED VITALITY	0.05	-0.45 0.54	0.853	-0.08	-0.64 0.48	0.777	-0.41	-1.02 0.21	0.195
STANDARDIZED SOCIAL FUNCTIONING	0.28	-0.15 0.71	0.197	0.00	-0.47 0.48	0.986	-0.06	-0.60 0.48	0.823
STANDARDIZED ROLE EMOTIONAL	0.19	-0.24 0.62	0.374	0.02	-0.45 0.50	0.919	-0.07	-0.61 0.47	0.794
STANDARDIZED MENTAL HEALTH	0.49	0.03 0.95	0.036	0.23	-0.27 0.73	0.363	0.25	-0.31 0.80	0.381
STANDARDIZED PHYSICAL COMPON.	0.19	-0.22 0.61	0.361	0.20	-0.27 0.66	0.401	0.00	-0.53 0.52	0.993
STANDARDIZED MENTAL COMPONENT	0.29	-0.18 0.75	0.226	-0.02	-0.53 0.49	0.933	-0.08	-0.65 0.50	0.791
AIx_75									
STANDARDIZED PHYSICAL FUNCTION	-0.09	-0.16 -0.02	0.014	-0.06	-0.14 0.02	0.134	-0.08	-0.16 0.00	0.052
STANDARDIZED ROLE PHYSICAL	-0.04	-0.12 0.03	0.240	-0.03	-0.11 0.05	0.504	-0.04	-0.13 0.04	0.301
STANDARDIZED BODILY PAIN	-0.08	-0.17 0.01	0.099	-0.04	-0.13 0.06	0.446	-0.05	-0.16 0.06	0.341
STANDARDIZED GENERAL HEALTH	-0.02	-0.09 0.05	0.582	-0.03	-0.10 0.05	0.505	-0.03	-0.11 0.06	0.521
STANDARDIZED VITALITY	0.00	-0.09 0.08	0.924	0.01	-0.09 0.11	0.840	0.03	-0.07 0.13	0.590
STANDARDIZED SOCIAL FUNCTIONING	-0.01	-0.08 0.07	0.887	0.00	-0.08 0.09	0.943	0.01	-0.08 0.10	0.865
STANDARDIZED ROLE EMOTIONAL	-0.01	-0.09 0.06	0.722	0.01	-0.08 0.09	0.891	0.01	-0.08 0.10	0.890
STANDARDIZED MENTAL HEALTH	-0.01	-0.09 0.07	0.834	0.02	-0.06 0.11	0.575	0.05	-0.04 0.14	0.293
STANDARDIZED PHYSICAL COMPON.	-0.08	-0.15 0.00	0.039	-0.06	-0.14 0.02	0.151	-0.08	-0.17 0.00	0.059
STANDARDIZED MENTAL COMPONENT	0.02	-0.06 0.11	0.625	0.04	-0.05 0.13	0.395	0.06	-0.03 0.16	0.183

Multiple linear regression analysis by Multivariate General Lineal model (GLM). Dependent variables: standardized physical function, standardized role physical, standardized bodily pain, standardized general health, standardized vitality, standardized social functioning, standardized role emotional, standardized mental health and Standardized Physical and Mental Component.

Independent Variables: Ankle brachial index (ABI), Cardio Ankle Vascular index (CAVI), Brachial-Ankle Pulse Wave Velocity (ba-PWV) and Augmentation index (AIx_75).

Model 1: Unadjusted; Model 2: Adjusted for age and gender; Model 3: Adjusted for age, gender, current smoker, alcohol consumption in gr/week, physical exercise (METs-min 14 days), diet quality index, mean blood pressure, atherogenic index (CT/HDL-C), HbA1c and antihypertensive and lipid-lowering drugs.