

**Appendix S2.** Crude and adjusted linear regression models of SBP and DBP with PISA or PESA for the overall sample with the respective B coefficient and standard error (SE) (n=4,021).

Model	SBP		DBP	
	PISA	PESA	PISA	PESA
1	0.085*** (0.016)	0.063 (0.003)***	0.039 (0.010)***	0.014 (0.002)***
2	0.028* (0.013)	-0.001 (0.004)	0.024 (0.010)*	-0.003 (0.003)
3	0.025 (0.013)	-0.001 (0.004)	0.022 (0.010)*	-0.002 (0.003)
4	0.023 (0.013)	-0.001 (0.004)	0.021 (0.010)*	-0.002 (0.003)
5	0.023 (0.013)	-0.001 (0.004)	0.022 (0.010)*	-0.002 (0.003)
6	0.023 (0.013)	-0.001 (0.004)	0.022 (0.010)*	-0.002 (0.003)
7	0.023 (0.013)	-0.001 (0.004)	0.022 (0.010)*	-0.002 (0.003)
8	0.023 (0.013)	-0.001 (0.004)	0.022 (0.010)*	-0.002 (0.003)

Values are presented as B coefficient (SE).

Model 1 - Unadjusted model; Model 2 - Includes adjustment for age; Model 3 - Includes adjustment for age and BMI; Model 4 - Includes adjustment for age, BMI and Homocysteine; Model 5 - Includes adjustment for age, BMI, Homocysteine and WBC; Model 6 - Includes adjustment for age, BMI, Homocysteine, WBC and Vitamin B12; Model 7 - Includes adjustment for age, BMI, Homocysteine, WBC, Vitamin B12 and Folate; Model 8 - Includes adjustment for age, BMI, Homocysteine, WBC, Vitamin B12, Folate and HbA1c (%). \*  $p < 0.05$ ; \*\*  $p < 0.01$ ; \*\*\*  $p < 0.001$ .