

SUPPLEMENT

TABLE S1. Linear and non-linear regression estimates for pulse-wave velocity (hfPWV) versus carotid-femoral pulse wave velocity (cfPWV) and pulse-wave velocity (hfPWV), stratified by sex

TABLE S2. Bland-Altman estimates for heart-femoral pulse velocity (hfPWV) versus carotid-femoral pulse wave velocity (cfPWV), stratified by sex. Women=2,489, men=1,644.

Abbreviations: β , beta coefficient; LCI, lower 95% confidence interval; UCI, upper 95% confidence interval

TABLE S3. Multivariable linear regression associations with pulse-wave velocity (hfPWV) and carotid-femoral pulse wave velocity (cfPWV)

Abbreviations: β , beta coefficient; HDL, high-density lipoprotein cholesterol; LDL, low-density lipoprotein cholesterol; SE, standard error; std. β , standardized beta coefficient

FIGURE S1. Distribution of carotid-femoral pulse wave velocity (cfPWV) for Women (A) and men, and distribution of heart-femoral pulse wave velocity (hfPWV) for Women (C) and Men (D).

SUPPLEMENT**TABLE S1.** Linear and non-linear regression estimates for pulse-wave velocity (hfPWV) versus carotid-femoral pulse wave velocity (cfPWV) and pulse-wave velocity (hfPWV), stratified by sex

	Total n = 4,133			Women n= 2,489			Men n= 1,644		
	β	LCI	UCI	β	LCI	UCI	β	LCI	UCI
Linear									
R^2	0.69			0.72			0.67		
hfPWV	1.06	1.04	1.09	1.14	1.11	1.17	1.02	0.99	1.06
Intercept	-0.72	-0.97	-0.46	-1.29	-1.61	-0.97	-0.59	-1.01	-0.16
Non-Linear									
R^2	0.69			0.72			0.67		
hfPWV	1.40	1.24	1.55	1.41	1.22	1.60	1.19	0.93	1.45
hfPWV*hfPWV	-0.01	-0.02	-0.01	0.00	0.00	0.01	-0.01	-0.02	0.00
Intercept	-2.62	-3.53	-1.71	-2.82	-3.92	-1.72	-1.58	-3.16	0.01

Abbreviations: β , beta coefficient; LCI, lower 95% confidence interval; UCI, upper 95% confidence interval

Carotid-Femoral- vs. Heart-Femoral-Pulse Wave Velocity

TABLE S2. Bland-Altman estimates for heart-femoral pulse velocity (hfPWV) versus carotid-femoral pulse wave velocity (cfPWV), stratified by sex. Women=2,489, Men=1,644.

	Bias			Lower LoA			Upper LoA			Mean Diff.
	β	LCI	UCI	β	LCI	UCI	β	LCI	UCI	
Total	0.02	-0.03	0.07	-3.25	-3.34	-3.16	3.29	3.21	3.38	-1.09
Women	-0.31	-0.39	-0.23	-3.66	-3.80	-3.51	3.03	2.89	3.17	-3.83
Men	0.24	0.18	0.30	-2.91	-3.02	-2.80	3.39	3.28	3.50	0.72

Abbreviations: β , beta coefficient; LCI, lower 95% confidence interval; UCI, upper 95% confidence interval

Carotid-Femoral- vs. Heart-Femoral-Pulse Wave Velocity

TABLE S3. Multivariable linear regression associations with pulse-wave velocity (hfPWV) and carotid-femoral pulse wave velocity (cfPWV)

	Total				Women				Men			
	n = 4,133				n = 2,489				n = 1,644			
	β	Std. β	SE	P	β	Std. β	SE	P	β	Std. β	SE	P
cfPWV		$R^2 =$	0.21			$R^2 =$	0.22			$R^2 =$	0.19	
Age (years)	0.10	0.17	0.01	< .001	0.11	0.18	0.01	< .001	0.09	0.15	0.01	< .001
Smoker Status (1=yes)	-0.06	0.00	0.18	0.755	0.09	0.01	0.23	0.692	-0.27	-0.02	0.29	0.347
Body Mass Index (kg/m ²)	-0.04	-0.06	0.01	< .001	-0.03	-0.04	0.01	0.028	-0.05	-0.06	0.02	0.008
Diastolic blood pressure (mm Hg)	-0.03	-0.09	0.01	< .001	-0.03	-0.10	0.01	< .001	-0.03	-0.12	0.01	< .001
Systolic blood pressure (mm Hg)	0.06	0.34	0.00	< .001	0.06	0.36	0.00	< .001	0.06	0.35	0.01	< .001
Heart rate (bpm)	0.06	0.22	0.00	< .001	0.06	0.22	0.01	< .001	0.07	0.25	0.01	< .001
Fasting glucose (mmol/l)	0.20	0.10	0.03	< .001	0.21	0.10	0.04	< .001	0.15	0.08	0.04	< .001
LDL (mmol/l)	-0.07	-0.02	0.05	0.140	-0.01	0.00	0.06	0.906	-0.15	-0.04	0.08	0.073
HDL (mmol/l)	-0.76	-0.09	0.13	< .001	-0.61	-0.07	0.17	< .001	-0.18	-0.02	0.26	0.485
Triglycerides (mmol/l)	0.07	0.02	0.07	0.303	0.05	0.01	0.10	0.598	0.25	0.05	0.11	0.027
hfPWV		$R^2 =$	0.19			$R^2 =$	0.22			$R^2 =$	0.17	
Age (years)	0.08	0.18	0.01	< .001	0.08	0.18	0.01	< .001	0.08	0.16	0.01	< .001
Smoker Status (1=yes)	-0.07	-0.01	0.14	0.616	-0.01	0.00	0.17	0.971	-0.14	-0.01	0.24	0.545
Body Mass Index (kg/m ²)	-0.06	-0.12	0.01	< .001	-0.05	-0.11	0.01	< .001	-0.05	-0.09	0.01	< .001
Diastolic blood pressure (mm Hg)	0.00	0.02	0.00	0.268	-0.01	-0.02	0.01	0.297	0.00	-0.02	0.01	0.549
Systolic blood pressure (mm Hg)	0.04	0.29	0.00	< .001	0.04	0.35	0.00	< .001	0.04	0.30	0.00	< .001
Heart rate (bpm)	0.03	0.15	0.00	< .001	0.04	0.18	0.00	< .001	0.04	0.19	0.01	< .001
Fasting glucose (mmol/l)	0.15	0.09	0.02	< .001	0.15	0.09	0.03	< .001	0.08	0.05	0.04	0.034
LDL (mmol/l)	-0.02	-0.01	0.04	0.565	0.04	0.02	0.05	0.379	-0.04	-0.02	0.07	0.512
HDL (mmol/l)	-0.83	-0.13	0.10	< .001	-0.41	-0.07	0.13	0.001	0.06	0.01	0.21	0.794
Triglycerides (mmol/l)	-0.09	-0.03	0.06	0.107	-0.05	-0.01	0.07	0.462	0.12	0.03	0.09	0.178

Abbreviations: β , beta coefficient; HDL, high-density lipoprotein cholesterol; LDL, low-density lipoprotein cholesterol; SE, standard error; std. β , standardized beta coefficient

Carotid-Femoral- vs. Heart-Femoral-Pulse Wave Velocity

FIGURE S1. Distribution of carotid-femoral pulse wave velocity (cfPWV) for women (A) and men, and distribution of heart-femoral pulse wave velocity (hfPWV) for women (C) and men (D).

