

SUPPLEMENTAL MATERIAL

Table S1: The Hazard Ratios of Clinical Outcomes Associated with Traditional Risk Factors

Variables	PAD		MI		CHF		CVD		Death	
	Hazard Ratio (95% CI)	Overall P value	Hazard Ratio (95% CI)	Overall P value	Hazard Ratio (95% CI)	Overall P value	Hazard Ratio (95% CI)	Overall P value	Hazard Ratio (95% CI)	Overall P value
ABI										
ABI <0.9	5.78 (3.57, 9.35)	<0.0001	1.67 (1.23, 2.29)	0.0002	1.27 (1.01, 1.58)	0.19	1.51 (1.27, 1.79)	<0.0001	1.55 (1.28, 1.89)	<0.0001
ABI 0.9-<1.0	2.76 (1.56, 4.88)		1.85 (1.33, 2.57)		1.10 (0.85, 1.42)		1.39 (1.15, 1.68)		1.36 (1.1, 1.69)	
ABI ≥1.4	4.85 (2.05, 11.5)		2.08 (1.10, 3.93)		0.89 (0.52, 1.51)		1.23 (0.82, 1.84)		1.00 (0.62, 1.62)	
Age (11 years*)	1.22 (0.94, 1.58)	0.13	1.30 (1.09, 1.56)	0.003	1.25 (1.10, 1.42)	0.0005	1.41 (1.28, 1.56)	<0.0001	1.53 (1.36, 1.71)	<0.0001
Race/ethnicity										
Non-Hispanic Black	0.78 (0.49, 1.24)	0.08	1.12 (0.83, 1.52)	0.60	1.26 (1.00, 1.58)	0.12	1.08 (0.91, 1.29)	0.53	0.98 (0.80, 1.19)	0.61
Other Race	0.33 (0.12, 0.9)		0.91 (0.54, 1.52)		1.04 (0.70, 1.53)		0.97 (0.73, 1.29)		0.85 (0.61, 1.18)	
Female	0.57 (0.36, 0.91)	0.02	0.64 (0.48, 0.86)	0.003	0.87 (0.71, 1.08)	0.21	0.65 (0.56, 0.77)	<0.0001	0.67 (0.55, 0.80)	<0.0001
Less than High School Education	0.71 (0.41, 1.24)	0.23	0.92 (0.66, 1.27)	0.60	1.17 (0.94, 1.45)	0.17	0.99 (0.83, 1.18)	0.90	0.98 (0.80, 1.19)	0.81
Alcohol Use	1.36 (0.9, 2.08)	0.15	0.79 (0.61, 1.03)	0.08	0.82 (0.68, 0.98)	0.03	0.81 (0.70, 0.94)	0.004	0.84 (0.71, 0.99)	0.04
Current Smoker	1.92 (1.19, 3.11)	0.01	1.03 (0.70, 1.52)	0.86	1.21 (0.93, 1.58)	0.16	1.55 (1.29, 1.87)	<0.0001	1.70 (1.38, 2.09)	<0.0001
Total MET/week (148*)	1.13 (0.94, 1.36)	0.20	0.87 (0.74, 1.03)	0.10	0.95 (0.86, 1.06)	0.37	0.88 (0.81, 0.96)	0.006	0.88 (0.79, 0.98)	0.02
History of CVD	1.92 (1.25, 2.97)	0.003	1.89 (1.43, 2.49)	<0.0001	2.16 (1.77, 2.64)	<0.0001	1.97 (1.69, 2.30)	<0.0001	2.09 (1.76, 2.49)	<0.0001
Diabetes	2.12 (1.27, 3.54)	0.004	1.36 (0.99, 1.87)	0.06	1.61 (1.27, 2.04)	<0.0001	1.25 (1.05, 1.48)	0.01	1.28 (1.05, 1.57)	0.01
Hypertension	0.98 (0.45, 2.14)	0.96	1.39 (0.79, 2.46)	0.25	1.56 (0.98, 2.5)	0.06	1.16 (0.87, 1.54)	0.32	0.96 (0.70, 1.31)	0.80
Systolic BP, mm Hg (22 mm Hg*)	1.02 (0.82, 1.27)	0.83	1.07 (0.94, 1.23)	0.31	1.13 (1.02, 1.25)	0.01	1.11 (1.03, 1.20)	0.007	1.09 (1.00, 1.19)	0.047

BMI, kg/M² (8 kg/ M²)	0.74 (0.58, 0.95)	0.02	0.86 (0.74, 1.00)	0.048	1.12 (1.02, 1.23)	0.02	0.92 (0.85, 1.00)	0.04	0.95 (0.87, 1.04)	0.28
HDL cholesterol, mg/dL (16 mg/dL*)	1.01 (0.79, 1.29)	0.95	0.85 (0.72, 1.01)	0.07	1.01 (0.90, 1.13)	0.90	1.01 (0.93, 1.10)	0.85	1.02 (0.93, 1.13)	0.64
LDL cholesterol, mg/dL (35 mg/dL*)	1.1 (0.88, 1.36)	0.41	1.12 (0.98, 1.29)	0.09	0.92 (0.83, 1.01)	0.08	1.01 (0.94, 1.09)	0.73	0.98 (0.90, 1.06)	0.59
Glucose, mg/dL (50 mg/dL*)	1.31 (1.14, 1.52)	0.0002	1.12 (0.99, 1.26)	0.06	1.11 (1.02, 1.21)	0.02	1.11 (1.03, 1.18)	0.004	1.12 (1.04, 1.21)	0.003
Log hsCRP, mg/dL (0.5 ml/dL*)	1.02 (0.81, 1.28)	0.89	1.18 (1.02, 1.36)	0.03	1.16 (1.04, 1.29)	0.007	1.21 (1.12, 1.31)	<0.0001	1.19 (1.09, 1.3)	0.0001
eGFR, ml/min/1.73m² (14 ml/min/1.73m²)	0.71 (0.55, 0.91)	0.01	0.81 (0.69, 0.95)	0.01	0.76 (0.68, 0.85)	<0.0001	0.79 (0.72, 0.86)	<0.0001	0.77 (0.7, 0.85)	<0.0001
Log urinary albumin, g/24 hours (0.9 g/24 hours*)	1.47 (1.01, 2.13)	0.04	1.44 (1.11, 1.87)	0.01	1.79 (1.50, 2.14)	<0.0001	1.42 (1.23, 1.64)	<0.0001	1.38 (1.17, 1.63)	0.0001
Statins	0.77 (0.49, 1.22)	0.27	1.25 (0.93, 1.69)	0.15	0.99 (0.81, 1.22)	0.95	0.86 (0.74, 1.01)	0.06	0.79 (0.66, 0.94)	0.008
ACE inhibitor or ARB	1.13 (0.69, 1.83)	0.63	0.96 (0.71, 1.30)	0.80	1.07 (0.86, 1.33)	0.55	0.99 (0.84, 1.16)	0.86	0.97 (0.81, 1.17)	0.78
Aspirin	1.00 (0.66, 1.51)	1.00	1.39 (1.06, 1.81)	0.02	0.97 (0.80, 1.17)	0.73	1.01 (0.87, 1.17)	0.90	0.90 (0.77, 1.07)	0.23
Beta blockers	1.29 (0.84, 1.96)	0.24	1.44 (1.09, 1.90)	0.01	1.51 (1.23, 1.85)	<0.0001	1.23 (1.06, 1.43)	0.007	1.20 (1.01, 1.42)	0.04
Clinic Center										
Cleveland Clinic Foundation	1.23 (0.47, 3.22)	0.47	0.95 (0.43, 2.09)	0.02	0.91 (0.54, 1.53)	0.01	0.76 (0.50, 1.17)	0.04	0.63 (0.38, 1.04)	0.006
Kaiser Permanente of Northern California	1.44 (0.6, 3.43)		2.27 (1.32, 3.88)		1.13 (0.75, 1.71)		1.14 (0.84, 1.54)		0.83 (0.57, 1.20)	
Metro health Medical Center	1.19 (0.37, 3.83)		2.28 (1.19, 4.38)		1.08 (0.64, 1.83)		1.16 (0.78, 1.74)		0.92 (0.56, 1.50)	
St. Johns Health System	1.01 (0.28, 3.66)		2.09 (1.02, 4.27)		0.85 (0.47, 1.52)		1.10 (0.72, 1.69)		0.77 (0.45, 1.31)	
The Johns Hopkins University	1.08 (0.41, 2.83)		1.27 (0.66, 2.44)		1.49 (0.98, 2.26)		1.08 (0.78, 1.5)		1.11 (0.76, 1.60)	
Tulane University Health Science Center	2.08 (0.99, 4.35)		1.89 (1.11, 3.22)		1.72 (1.20, 2.47)		1.37 (1.03, 1.82)		1.45 (1.06, 1.98)	
University Hospital of Cleveland	1.08 (0.37, 3.12)		2.25 (1.21, 4.17)		1.49 (0.95, 2.34)		1.48 (1.05, 2.08)		1.00 (0.65, 1.52)	
University of California, San Francisco	0.55 (0.07, 4.39)		1.46 (0.54, 3.95)		0.68 (0.27, 1.72)		0.87 (0.48, 1.57)		0.75 (0.37, 1.52)	

University of Illinois at Chicago	1.21 (0.54, 2.7)		1.10 (0.63, 1.95)		1.05 (0.72, 1.53)		1.04 (0.78, 1.38)		1.19 (0.87, 1.64)	
University of Maryland	0.74 (0.25, 2.18)		1.50 (0.82, 2.73)		1.17 (0.77, 1.79)		1.44 (1.06, 1.95)		1.48 (1.05, 2.07)	
University of Michigan	1.34 (0.55, 3.31)		1.24 (0.63, 2.45)		0.72 (0.42, 1.22)		0.97 (0.68, 1.38)		0.83 (0.55, 1.24)	

*one standard deviation

ABI= ankle brachial index; MET= metabolic equivalent of task; CVD= cardiovascular disease; BP= blood pressure; HDL= high-density lipoprotein; LDL= low-density lipoprotein; hsCRP=high-sensitivity C-reactive protein; eGFR=estimated glomerular filtration rate; ACE= angiotensin Converting Enzyme; ARB= angiotensin II receptor blockers