

## Supplement Material

**Supplemental Table I. Race- and gender-specific weighted means (SE), proportions of risk factors and plasma levels of MMPs and TIMP-1 in ARIC Carotid MRI Study participants, adjusted by age\***

Characteristics	White Women (N=632)	White Men (N=672)	African American Women (N=220)	African American Men (N=154)	P-value† by race			P-value† by gender		
					Women	Men	Overall	Whites	Afr. Am.	Overall
MMP-1 (ng/ml)	0.20 (0.01)	0.18 (0.01)	0.15 (0.03)	0.12 (0.03)	0.1224	0.1298	0.0973	0.1569	0.5264	0.2968
MMP-2 (ng/ml)	292.3 (5.7)	309.2 (6.2)	286.8 (9.1)	344.5 (12.3)	0.6042	0.0097	0.0309	0.0445	0.0001	0.0001
MMP-3 (ng/ml)	5.01 (0.14)	8.27 (0.23)	5.54 (0.37)	7.44 (0.36)	0.1808	0.0494	0.0604	<0.0001	0.0002	<0.0001
MMP-7 (ng/ml)	2.51 (0.08)	2.31 (0.07)	3.27 (0.19)	2.74 (0.16)	0.0002	0.0144	<0.0001	0.0519	0.0310	0.0148
MMP-8 (ng/ml)	0.44 (0.05)	0.43 (0.01)	0.52 (0.02)	0.54 (0.03)	0.1097	0.0006	0.0011	0.9515	0.5072	0.8009
MMP-9 (ng/ml)	18.9 (0.3)	17.9 (0.6)	31.4 (1.2)	33.8 (2.0)	<0.0001	<0.0001	<0.0001	0.1530	0.2962	0.2074
TIMP-1 (ng/ml)	109.3 (1.4)	114.7 (1.6)	113.7 (2.4)	112.2 (2.7)	0.1085	0.4267	0.2013	0.0096	0.6788	0.0319
Current smoker	7.5 %	6.8 %	7.2 %	12.6 %	0.3904	0.0066	0.0180	<0.0001	0.0070	<0.0001
Former smoker	33.4 %	58.9 %	27.6 %	42.3 %	‡	‡	‡	‡	‡	‡
Hypertensive	62.0 %	56.5 %	80.8 %	69.3 %	<0.0001	0.0203	<0.0001	0.1108	0.0353	0.0305

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					Women	Men	Overall	Whites	Afr. Am.	Overall
Hypertensive medication use	55.1 %	49.2 %	76.6 %	60.4 %	<0.0001	0.0436	<0.0001	0.0934	0.0054	0.0051
Diabetes	17.6 %	21.7 %	31.2 %	39.4 %	0.0004	0.0003	<0.0001	0.1351	0.1746	0.1302
Diabetes medication use	10.6 %	13.3 %	19.7 %	28.9 %	0.0044	0.0003	<0.0001	0.2460	0.0890	0.1200
Statin use	31.8 %	40.6 %	22.9 %	27.5 %	0.0369	0.0138	0.0053	0.0083	0.3945	0.0214
Anti-inflammatory medication use	80.2 %	80.2 %	73.6 %	64.7 %	0.0916	0.0013	0.0014	0.9868	0.1322	0.3219

\*Data presented as mean (standard error of the mean) or percentages.

†P-value for test of differences in means, and p-value by race and gender

‡P-value for test if there is no difference in current smoking and former smoking between groups