Type of file: table

Label: 1

Filename: Supplement_Table_3B.doc

Table 3B. Association of Plasma ADMA and brain MRI variables

Model **				
1 SD ↑	1.01 [0.88-1.16]	0.87	**1.18 [1.03-1.36]**	**0.02**
Q1		Ref		Ref
Q2	1.02 [0.69-1.50]	0.92	**1.60 [1.04-2.45]**	**0.03**
Q3	1.17 [0.80-1.69]	0.42	1.40 [0.91-2.15]	0.13
Q4	0.99 [0.67-1.45]	0.96	1.58 [1.03-2.42]	**0.04**
Trend across quartiles		0.87		0.08
Q234 vs. Q1	1.06 [0.78-1.44]	0.73	**1.52 [1.06-2.19]**	**0.02**
Model ***				
1 SD ↑	1.00 [0.87-1.14]	0.96	**1.15 [1.00-1.32]**	**0.05**
Q1		Ref		Ref
Q2	0.98 [0.67-1.43]	0.90	**1.54 [1.02-2.33]**	**0.04**
Q3	1.12 [0.78-1.62]	0.54	1.33 [0.87-2.03]	0.19
Q4	0.95 [0.65-1.39]	0.79	1.47 [0.97-2.23]	0.07
Trend across quartiles		0.98		0.15
Q234 vs. Q1	1.02 [0.75-1.38]	0.93	**1.44 [1.01-2.05]**	**0.04**

 ** Model 4 (Model 1, excluding prevalent TIAs)
 *** Model 5 (Model 1, plus use of statins or anticoagulant therapy)

Type of file: table

Label: 2

Filename: Supplemental_Table__4_SDMA.doc

Table 4. Association of Plasma SDMA and brain MRI variables

	Large WMH		Silent Brain Infarct	
Model	Odds Ratio (95% CI)	p	Odds Ratio (95% CI)	p
Model 1[§]				
1 SD ↑	0.90 [0.78-1.04]	0.15	1.11 [0.97-1.27]	0.14
Q1		Ref		Ref
Q2	0.84 [0.58-1.21]	0.35	1.12 [0.74-1.72]	0.59
Q3	0.83 [0.58-1.19]	0.31	1.19 [0.79-1.80]	0.40
Q4	0.71 [0.48-1.04]	0.08	1.34 [0.89-2.02]	0.16
Trend across quartiles		0.09		0.15
Q234 vs. Q1	0.79 [0.59-1.07]	0.13	1.22 [0.86-1.73]	0.27
Model 2[‖]				
1 SD ↑	0.89 [0.78-1.03]	0.12	1.13 [0.98-1.29]	0.09
Q1		Ref		Ref
Q2	0.84 [0.58-1.22]	0.36	1.18 [0.77-1.81]	0.46
Q3	0.81 [0.56-1.18]	0.27	1.29 [0.84-1.96]	0.24
Q4	0.70 [0.47-1.03]	0.07	1.46 [0.96-2.23]	0.08
Trend across quartiles		0.07		0.07
Q234 vs. Q1	0.79 [0.58-1.06]	0.12	1.30 [0.91-1.86]	0.15
Model 3[#]				
1 SD ↑	0.91 [0.79-1.05]	0.20	1.08 [0.94-1.24]	0.30
Q1		Ref		Ref
Q2	0.85 [0.59-1.24]	0.40	1.13 [0.73-1.74]	0.59
Q3	0.83 [0.57-1.20]	0.32	1.22 [0.80-1.86]	0.36
Q4	0.73 [0.49-1.08]	0.11	1.32 [0.86-2.02]	0.21
Trend across quartiles		0.12		0.19
Q234 vs. Q1	0.81 [0.59-1.10]	0.17	1.22 [0.85-1.74]	0.28

[§]Model 1(adjusted for age and sex)
[‖]Model 2 (adjusted for atrial fibrillation, history of cardiovascular disease, smoking, diabetes mellitus, systolic blood pressure, anti- hypertension therapy, and time to MRI
[#] Model 3 (additionally adjusted for log of total homocystein level)