



**MARINOBUFAGENIN IS RELATED TO ELEVATED
CENTRAL AND 24 HR SYSTOLIC BLOOD PRESSURES IN
YOUNG HEALTHY BLACK WOMEN:
THE AFRICAN-PREDICT STUDY**

Supplementary Table 2

Supplementary Table 2 demonstrates Pearson correlations with MBG excretion or MBG/Na⁺ excretion ratio in men

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Supplementary table 2. Pearson correlations with MBG excretion or MBG/Na⁺ excretion ratio

in men

	Black		White	
	MBGexc (nmol/24hr)	MBG/Na ⁺	MBGexc (nmol/24hr)	MBG/Na ⁺
Age (years)	r= -0.12; p= 0.33	r= -0.032; p= 0.79	r= 0.008; p= 0.95	r= -0.081; p= 0.48
Waist:Height ratio	r= 0.22; p= 0.055	r= -0.057; p= 0.62	r= 0.040; p= 0.75	r= -0.13; p=0.30
Blood pressure measurements				
cSBP (mmHg)	r= -0.089; p= 0.47	r= -0.21; p= 0.087	r= -0.085; p= 0.47	r= -0.189; p= 0.10
24hr SBP (mmHg)	r= 0.084; p= 0.50	r= -0.090; p= 0.47	r= 0.24; p= 0.038	r≤ 0.001; p= 1.00
<i>Day</i>	r= 0.017; p= 0.89	r= -0.073; p= 0.56	r= 0.22; p= 0.055	r= 0.016; p= 0.92
<i>Night</i>	r= 0.18; p= 0.14	r= -0.047; p= 0.71	r= 0.17; p=0.13	r= -0.025; p= 0.83
24hr DBP (mmHg)	r= -0.003; p= 0.98	r= 0.025; p= 0.84	r= 0.11; p= 0.36	r= 0.014; p= 0.91
<i>Day</i>	r= -0.090; p= 0.47	r= -0.017; p= 0.89	r= 0.11; p= 0.35	r= 0.011; p= 0.92
<i>Night</i>	r= 0.084; p= 0.50	r= 0.13; p= 0.30	r= 0.07; p= 0.54	r= -0.013; p= 0.91
Urinary and biochemical profile				
24hr U-volume (L)	r= 0.47; p≤ 0.001	r= -0.20; p= 0.099	r= 0.47; p≤ 0.001	r= -0.34; p= 0.003
NaCl intake (g/day)	r= 0.51; p≤ 0.001	r= -0.43; p≤ 0.001	r= 0.63; p≤ 0.001	r= -0.54; p≤ 0.001
24hr U-Na (mmol/day)	r= 0.51; p≤ 0.001	r= -0.43; p≤ 0.001	r= 0.63; p≤ 0.001	r= -0.55; p≤ 0.001
24hr U-K (mmol/L)	r= 0.04; p= 0.75	r= -0.19; p= 0.12	r= 0.33; p= 0.004	r= 0.34; p= 0.003
24hr U Na:K ratio	r= 0.055; p= 0.66	r= -0.075; p= 0.55	r= -0.13; p= 0.26	r= -0.61; p≤ 0.001
24hr U-Albumin (mg/24hr)	r= 0.54; p≤ 0.001	r= -0.069; p= 0.63	r= 0.38; p= 0.001	r= -0.18; p= 0.13
Total cholesterol (mmol/L)	r= 0.10; p= 0.48	r= 0.066; p= 0.65	r= 0.15; p= 0.23	r= 0.019; p= 0.88
TC:HDL-C	r= 0.19; p= 0.19	r= -0.035; p= 0.81	r= 0.12; p= 0.32	r= -0.058; p= 0.64
HbA1c (%)	r= -0.014; p= 0.92	r= -0.039; p= 0.79	r= -0.067; p= 0.59	r= 0.11; p= 0.39
Aldosterone (pg/ml)	r= 0.35; p= 0.011	r= 0.24; p= 0.088	r= 0.12; p= 0.31	r= 0.11; p= 0.39
γ-glutamyl transferase (U/L)	r= 0.081; p= 0.57	r= 0.37; p= 0.79	r= 0.11; p= 0.38	r= 0.059; p= 0.63

cSBP, Central systolic blood pressure; DBP, Diastolic blood pressure; HbA1c, Glycated haemoglobin; K⁺, Potassium; MBG, Marinobufagenin; Na⁺, Sodium; SBP, Systolic blood pressure; TC:HDL-C, Total cholesterol: High density lipoprotein cholesterol ratio.