



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

Supplementary Table 1

Supplementary Table 1 demonstrates Pearson correlations with MBG excretion or MBG/Na⁺ excretion ratio in women

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Supplementary table 1. Pearson correlations with MBG excretion or MBG/Na⁺ excretion ratio

in women

	Black		White	
	MBGexc (nmol/24hr)	MBG/Na ⁺	MBGexc (nmol/24hr)	MBG/Na ⁺
Age (years)	r= -0.23; p= 0.049	r= -0.24; p= 0.036	r= -0.11; p= 0.24	r= -0.83; p= 0.38
Waist:Height ratio	r= 0.087; p= 0.46	r= 0.057; p= 0.63	r= -0.11; p= 0.24	r= -0.15; p= 0.11
Blood pressure measurements				
cSBP (mmHg)	r= 0.18; p= 0.13	r= 0.25; p= 0.034	r= -0.14; p= 0.15	r= -0.15; p= 0.11
24hr SBP (mmHg)	r= 0.21; p= 0.067	r= 0.21; p= 0.073	r= -0.10; p= 0.27	r= -0.17; p= 0.067
<i>Day</i>	r= 0.23; p= 0.050	r= 0.23; p= 0.047	r= -0.10; p= 0.27	r= -0.15; p= 0.12
<i>Night</i>	r= 0.13; p= 0.28	r= 0.24; p=0.045	r= -0.11; p= 0.27	r= -0.20; p= 0.038
24hr DBP (mmHg)	r= 0.11; p= 0.35	r= 0.15; p= 0.22	r= -0.17; p= 0.073	r= -0.084; p= 0.38
<i>Day</i>	r= 0.12; p= 0.29	r= 0.23; p= 0.048	r= -0.15; p= 0.11	r= -0.065; p=0.50
<i>Night</i>	r= 0.010; p=0.93	r= 0.11; p= 0.37	r= -0.19; p= 0.05	r= -0.10; p= 0.29
Urinary and biochemical profile				
24hr U-volume (L)	r= 0.31; p= 0.008	r= -0.098; p= 0.41	r= 0.41; p≤ 0.001	r= 0.001; p= 0.99
NaCl intake (g/day)	r= 0.29; p= 0.011	r= -0.57; p≤ 0.001	r= 0.41; p≤ 0.001	r= -0.38; p≤ 0.001
24hr U-Na (mmol/day)	r= 0.29; p= 0.011	r= -0.57; p≤ 0.001	r= 0.41; p≤ 0.001	r= -0.38; p≤ 0.001
24hr U-K (mmol/L)	r= 0.11; p= 0.35	r= -0.075; p= 0.53	r= 0.032; p= 0.74	r= 0.026; p= 0.79
24hr U Na:K ratio	r= -0.11; p= 0.35	r= -0.44; p≤ 0.001	r= -0.033; p= 0.73	r= -0.42; p≤ 0.001
24hr U-Albumin (mg/24hr)	r= 0.19; p= 0.16	r= -0.22; p= 0.10	r= 0.33; p= 0.001	r= 0.007; p= 0.95
Total cholesterol (mmol/L)	r= -0.13; p= 0.32	r= -0.26; p= 0.047	r= -0.22; p= 0.027	r= -0.19; p= 0.054
TC:HDL-C	r= -0.72; p= 0.61	r= -0.022; p= 0.88	r= 0.20; p= 0.049	r= 0.13; p= 0.22
HbA1c (%)	r= -0.031; p= 0.82	r= -0.34; p= 0.008	r= -0.13; p= 0.18	r= -0.13; p= 0.20
Aldosterone (pg/ml)	r= 0.10; p= 0.42	r= 0.15; p= 0.23	r= 0.034; p= 0.74	r= 0.009; p= 0.93
γ-glutamyl transferase (U/L)	r= 0.17; p= 0.20	r= 0.034; p= 0.79	r= -0.015; p= 0.88	r= -0.19; p= 0.063

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.