

Supplemental Table 1. Adjusted* difference in serum bicarbonate (HCO₃) in mEq/L by quartiles of estimated protein intake compared to the lowest quartile

Quartile	All time points (n= 1334 observations in 462 individuals)		Cross-sectional at year 2 (n=343)	
	HCO ₃ Difference	p-value	HCO ₃ Difference	p-value
Quartile 1 (25.7 – 53.1 g/d) †	Reference	--	Reference	--
Quartile 2 (53.3 – 65.0 g/d)	0.28 (-0.26, 0.82)	0.32	0.64 (-0.34, 1.62)	0.20
Quartile 3 (65.1 – 76.6 g/d)	0.17 (-0.43, 0.76)	0.58	0.90 (-0.18, 1.99)	0.10
Quartile 4 (76.7 – 144.4 g/d)	-0.43 (-1.11, 0.25)	0.21	0.06 (-1.11, 1.22)	0.92
Continuous per 10 g/d	-0.13 (-0.26, 0.00)	0.05	-0.02 (-0.26, 0.21)	0.84

*Adjusted for age, sex, diabetes, 24 hour urinary sodium, estimated glomerular filtration rate, albuminuria, body mass index, smoking, randomized treatment group in trial phase, and current use of angiotensin converting enzyme inhibitor/angiotensin receptor blocker and diuretics

† Ranges refer to quartiles defined in the cross-sectional year 2 study population

Supplemental Table 2. Adjusted* difference in serum bicarbonate (HCO₃) in mEq/L by quartiles of estimated potassium intake compared to the lowest quartile

Quartile	All time points (n= 1334 observations in 462 individuals)		Cross-sectional at year 2 (n=343)	
	HCO ₃ Difference	p-value	HCO ₃ Difference	p-value
Quartile 1 (11.0 – 35.3 mEq/d) †	Reference	--	Reference	--
Quartile 2 (35.3 – 43.5 mEq/d)	0.00 (-0.51, 0.52)	0.99	0.73 (-0.26, 1.71)	0.15
Quartile 3 (43.6 – 58.2 mEq/d)	0.24 (-0.27, 0.75)	0.36	0.81 (-0.19, 1.81)	0.11
Quartile 4 (58.7 – 137.4 mEq/d)	0.70 (0.10, 1.29)	0.02	1.15 (0.07, 2.23)	0.04
Continuous per 10 mEq/d	0.15 (0.02, 0.27)	0.02	0.19 (-0.02, 0.40)	0.07

*Adjusted for age, sex, diabetes, 24 hour urinary sodium, estimated glomerular filtration rate, albuminuria, body mass index, smoking, randomized treatment group in trial phase, and current use of angiotensin converting enzyme inhibitor/ angiotensin receptor blocker and diuretics

† Ranges refer to quartiles defined in the cross-sectional year 2 study population