## Supplementary material:

1: Supplementary table 1: Regression coefficients for the urinary Na/K-ratio (per 1 SD increase) for the associations with ABP ( mmHg ) ( $\mathrm{n}=1311$ ).

2: Supplementary table 2: Regression coefficients for the urinary $\mathrm{Na} / \mathrm{K}$-ratio (per 1 SD increase) with night-time ABP dip (\%) as dependent variable ( $\mathrm{n}=1311$ ).

3: Supplementary table 3: Regression coefficients for the urinary $\mathrm{Na} / \mathrm{K}$-ratio (per 1 SD increase) with office BP (mmHg) and white coat effect (mmHg) as dependent variables ( $n=1311$ )

4: Supplementary table 4: Mediation analysis for the urinary $\mathrm{Na} / \mathrm{K}$-ratio (per 1 SD increase) for the associations with ABP (mmHg) with ACR substituted for values under limit of detection ( $\mathrm{n}=1311$ ).

5: Supplementary table 5: Mediation analysis for the urinary $\mathrm{Na} / \mathrm{K}$-ratio (per 1 SD increase) with night-time ABP dip (\%) as dependent variable ( $\mathrm{n}=1311$ )
6: Supplementary table 6: Mediation analysis for the urinary Na/K-ratio (per 1 SD increase) with night-time ABP dip (\%) as dependent variable with ACR substituted for values under limit of detection ( $n=1311$ ).

7: Supplementary table 7: Mediation analysis for the urinary $\mathrm{Na} / \mathrm{K}$-ratio (per 1 SD increase) for the associations with office BP ( mmHg ) and white coat effect $(\mathrm{mmHg})$ as dependent variables with ACR substituted for values under limit of detection ( $\mathrm{n}=1311$ ).

8: Supplementary table 8: Mediation analysis for the urinary $\mathrm{Na} / \mathrm{K}$-ratio (per 1 SD increase) for the associations with hypertension phenotypes ( $\mathrm{n}=1311$ ) with ACR substituted for values under limit of detection ( $n=1311$ ).

| Supplementary table 1: Regression coefficients for the urinary Na/K-ratio (per 1 SD increase) for the associations with ABP ( mmHg ) ( $\mathrm{n}=131 \mathrm{l}$ ). |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Model 1: Cardiovascular risk factors |  |  | Model 2: +mGFR |  |  | Model 3: + ACR |  |  | Model 4: + EGF-Cr |  |  |
|  | Std beta | P | 95\% CI | Std beta | P | Cl | Std beta | P | CI | Std Beta | P | CI |
| 24 h mean ABP as dependent variable |  |  |  |  |  |  |  |  |  |  |  |  |
| Systolic BP | 0.9 | 0.003 | (0.3-1.6) | 1.0 | 0.003 | (0.3-1.6) | 0.9 | 0.003 | (0.3-1.6) | 1.0 | 0.003 | (0.3-1.6) |
| Diastolic BP | 0.4 | 0.053 | (-0.1-0.8) | 0.4 | 0.053 | (-0.0-0.8) | 0.4 | 0.058 | (-0.0-0.8) | 0.4 | 0.056 | (-0.0-0.8) |
| Mean daytime ABP as dependent variable |  |  |  |  |  |  |  |  |  |  |  |  |
| Systolic BP | 0.9 | 0.006 | (0.3-1.6) | 0.9 | 0.006 | (0.3-1.6) | 0.9 | 0.006 | (0.3-1.6) | 1.0 | 0.005 | (0.3-1.6) |
| Diastolic BP | 0.4 | 0.055 | (-0.0-0.9) | 0.4 | 0.055 | (-0.0-0.9) | 0.4 | 0.061 | (-0.0-0.8) | 0.4 | 0.060 | (-0.0-0.8) |
| Mean night-time ABP as dependent variable |  |  |  |  |  |  |  |  |  |  |  |  |
| Systolic BP | 0.9 | 0.005 | (0.3-1.5) | 0.9 | 0.005 | (0.3-1.5) | 0.9 | 0.006 | (0.3-1.5) | 0.9 | 0.004 | (0.3-1.6) |
| Diastolic BP | 0.3 | 0.127 | (-0.1-0.8) | 0.3 | 0.125 | (-0.1-0.8) | 0.3 | 0.135 | (-0.1-0.7) | 0.3 | 0.119 | (-0.1-0.8) |
| Regression models; Model 1; Cardiovascular risk factors: The model includes age, sex (male or female), waist-hip-ratio, HbA1c, triglycerides and HDLcholesterol. <br> Modell 2; + mGFR: In addition to the preceding model, the model includes mGFR. Modell 3; + ACR: In addition to the preceding model, the model includes ACR <br> as a dichotomous variable (increased ACR: urine albumin over the limit of detection and ACR over $1.13 \mathrm{mg} / \mathrm{mmol}$, normal ACR: urine albumin under the limit of detection <br> or ACR under $1.13 \mathrm{mg} / \mathrm{mmol}$ ). Model 4 ; + EGF-Cr: In addition to the preceding model, the model includes EGF-Cr. <br> Blood pressure (BP), ambulatory blood pressure (ABP), standardized regression coefficient (std beta), standard deviation (SD), glomerular filtration rate as a single-sample <br> plasma clearance of iohexol (mGFR), urine albumin creatinine ratio (ACR), epidermal growth factor to the urine creatinine concentration (EGF-Cr). |  |  |  |  |  |  |  |  |  |  |  |  |


| Supplementary table 2: Regression coefficients for the urinary Na/K-ratio (per 1 SD increase) with night-time ABP dip (\%) as dependent variable ( $\mathrm{n}=1311$ ). |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Model 1: C | iovasc | risk factors | Model 2: + mGFR |  |  | Model 3: + ACR |  |  | Model 4: +EGF-Cr |  |  |
| Std Beta | P | 95\% CI | Std Beta | P | Cl | Std beta | P | Cl | Std Beta | P | Cl |
| Night-time systolic ABP dip |  |  |  |  |  |  |  |  |  |  |  |
| -0.1 | 0.069 | (-0.4-0.3) | -0.1 | 0.673 | (-0.4-0.3) | -0.1 | 0.678 | (-0.4-0.3) | -0.1 | 0.665 | (-0.4-0.3) |
| Night-time diastolic ABP dip |  |  |  |  |  |  |  |  |  |  |  |
| 0.0 | 0.914 | (-0.4-0.4) | 0.0 | 0.923 | (-0.4-0.4) | 0.0 | 0.925 | (-0.4-0.4) | 0.0 | 0.973 | (-0.4-0.4) |

Night-time ABP dip, as the difference between daytime mean ABP and night-time mean ABP, expressed as a percentage of the day value.
Regression models: Model 1: Cardiovascular risk factors: The model includes age, sex (male or female), waist-hip-ratio, HbA1c, triglycerides and HDLcholesterol.
Model 2: + mGFR: In addition to the preceding model, the model includes mGFR. Model 3: + ACR: In addition to the preceding model, the model includes ACR as a dichotomous variable (increased ACR: urine albumin over the limit of detection and ACR over $1.13 \mathrm{mg} / \mathrm{mmol}$, normal ACR: urine albumin under the limit of detection or ACR under $1.13 \mathrm{mg} / \mathrm{mmol}$ ). Model 4: + EGF-Cr: In addition to the preceding model, the model includes EGF-Cr.
Ambulatory blood pressure (ABP), standardized regression coefficient (Std beta), standard deviation (SD), glomerular filtration rate as a single-sample plasma clearance of iohexol (mGFR), urine albumin creatinine ratio (ACR), epidermal growth factor to the urine creatinine concentration (EGF-Cr).

| Model 1: Cardiovascular risk factors |  |  | Model 2: + mGFR |  |  | Model 3: + ACR |  |  | Model 4: + EGF-Cr |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Std Beta | P | 95\% CI | Std Beta | P | Cl | Std beta | P | Cl | Std Beta | P | Cl |
| Office systolic BP |  |  |  |  |  |  |  |  |  |  |  |
| 3.6 | <0.001 | (2.8-4.5) | 3.6 | <0.001 | (2.8-4.5) | 3.6 | <0.001 | (2.7-4.5) | 3.6 | <0.001 | (2.8-4.5) |
| Office diastolic BP |  |  |  |  |  |  |  |  |  |  |  |
| 1.4 | <0.001 | (0.9-1.9) | 1.4 | <0.001 | (0.9-1.8) | 1.4 | <0.001 | (0.9-1.8) | 1.4 | <0.001 | (0.9-1.9) |
| White coat effect systolic BP |  |  |  |  |  |  |  |  |  |  |  |
| 2.7 | <0.001 | (2.1-3.3) | 2.7 | <0.001 | (2.1-3.3) | 2.7 | <0.001 | (2.1-3.3) | 2.7 | <0.001 | (2.0-3.3) |
| White coat effect diastolic BP |  |  |  |  |  |  |  |  |  |  |  |
| 1.0 | <0.001 | (0.6-1.3) | 1.0 | $<0.001$ | (0.6-1.3) | 1.0 | $<0.001$ | (0.6-1.3) | 1.0 | $<0.001$ | (0.6-1.3) |

$$
\text { The white coat effect as the discrepancies between the office } B P \text { and daytime mean } A B P(m m H g) \text { (office BP minus daytime mean } A B P) \text {. }
$$

Regression models: Model 1: Cardiovascular risk factors: The model includes age, sex (male or female), waist-hip-ratio, HbA1c, triglycerides and HDLcholesterol.
Model 2: + mGFR: In addition to the preceding model, the model includes mGFR. Model 3: + ACR: In addition to the preceding model, the model includes ACR as a
dichotomous variable (increased ACR: urine albumin over the limit of detection and ACR over $1.13 \mathrm{mg} / \mathrm{mmol}$, normal ACR: urine albumin under the limit of detection
or ACR under $1.13 \mathrm{mg} / \mathrm{mmol}$ ). Model 4: + EGF-Cr: In addition to the preceding model, the model includes EGF-Cr.
Ambulatory blood pressure (ABP), standardized regression coefficient (Std beta), standard deviation (SD), glomerular filtration rate as a single-sample plasma clearance of iohexol (mGFR), urine albumin creatinine ratio (ACR), epidermal growth factor to the urine creatinine concentration (EGF-Cr).

| Supplementary table 4: Mediation analysis for the urinary $\mathrm{Na} / \mathrm{K}$-ratio (per 1 SD increase) for the associations with ABP (mmHg) with ACR substituted for values under limit of detection ( $n=1311$ ). |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | tal |  | Direct | Confiden | interval |  |  |  | $\begin{array}{r} \text { Conf } \\ \text { int } \end{array}$ | $\begin{aligned} & \text { ence } \\ & \text { val } \end{aligned}$ |  |  |
|  | $\begin{gathered} \text { (Na/K-ratio } \\ -\mathrm{ABP}) \\ \hline \end{gathered}$ | $\begin{gathered} P \\ \text { value } \end{gathered}$ | ( $\mathrm{Na} / \mathrm{K}$-ratioABP) | Lower bound | Upper bound | P value | Relationship | t effect | Lower bound | Upper bound | t-statistic | Conclusion |
| 24 h mean ABP as dependent variable |  |  |  |  |  |  |  |  |  |  |  |  |
| Systolic BP | 0.93 | 0.003 | 0.95 | 0.33 | 1.58 | 0.003 | M1 <br> M2 <br> M3 | $\begin{aligned} & -0.00 \\ & 0.01 \\ & -0.02 \end{aligned}$ | $\begin{aligned} & -0.04 \\ & -0.01 \\ & -0.12 \end{aligned}$ | $\begin{aligned} & 0.02 \\ & 0.03 \\ & 0.06 \end{aligned}$ | $\begin{aligned} & -0.23 \\ & 0.76 \\ & -0.54 \end{aligned}$ | No mediation effect <br> No mediation effect <br> No mediation effect |
| Diastolic BP | 0.38 | 0.064 | 0.39 | -0.02 | 0.79 | 0.061 | M1 <br> M2 <br> M3 | $\begin{aligned} & -0.00 \\ & -0.00 \\ & -0.00 \\ & \hline \end{aligned}$ | $\begin{aligned} & -0.02 \\ & -0.02 \\ & -0.05 \\ & \hline \end{aligned}$ | $\begin{array}{r} 0.01 \\ 0.03 \\ 0.05 \\ \hline \end{array}$ | $\begin{array}{r} -0.17 \\ -0.05 \\ -0.19 \\ \hline \end{array}$ | No mediation effect <br> No mediation effect <br> No mediation effect |
| Mean daytime ABP as dependent variable |  |  |  |  |  |  |  |  |  |  |  |  |
| Systolic BP | 0.93 | 0.007 | 0.95 | 0.28 | 1.62 | 0.006 | M1 <br> M2 <br> M3 | $\begin{aligned} & -0.00 \\ & 0.01 \\ & -0.02 \end{aligned}$ | $\begin{aligned} & -0.04 \\ & -0.01 \\ & -0.11 \end{aligned}$ | $\begin{aligned} & 0.25 \\ & 0.04 \\ & 0.06 \end{aligned}$ | $\begin{aligned} & -0.22 \\ & 0.55 \\ & -0.54 \end{aligned}$ | No mediation effect <br> No mediation effect <br> No mediation effect |
| Diastolic BP | 0.41 | 0.062 | 0.41 | -0.02 | 0.85 | 0.061 | M1 M2 | $\begin{aligned} & 0.00 \\ & -0.00 \end{aligned}$ | -0.01 -0.02 | 0.02 0.03 | 0.03 -0.15 | No mediation effect <br> No mediation effect |


|  |  |  |  |  |  |  | M3 | -0.00 | -0.05 | 0.05 | -0.06 | No mediation effect |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mean night-time ABP as dependent variable |  |  |  |  |  |  |  |  |  |  |  |  |
| Systolic BP | 0.90 | 0.006 | 0.92 | 0.28 | 1.56 | 0.005 | M1 | -0.00 | -0.03 | 0.02 | -0.09 | No mediation effect <br> No mediation |
|  |  |  |  |  |  |  | M2 M3 | 0.01 -0.03 | -0.01 -0.12 | 0.05 0.05 | 0.90 -0.79 | effect <br> No mediation effect |
| Diastolic BP | 0.31 | 0.15 | 0.32 | -0.10 | 0.75 | 0.14 | M1 | -0.00 | -0.02 | 0.01 | -0.19 | No mediation effect <br> No mediation |
|  |  |  |  |  |  |  | M2 | 0.00 | -0.01 | 0.03 | 0.37 | effect <br> No mediation |
|  |  |  |  |  |  |  | M3 | -0.02 | -0.07 | 0.03 | -0.64 | effect |

Relationships: M1: Na/K-ratio (SD)-> mGFR-> ABP (mmHg). M2: Na/K-ratio (SD)->ACR-> ABP (mmHg). M3: Na/K-ratio (SD)-> EGF-Cr -> ABP (mmHg)
Covariates: age, sex (male or female), waist-hip-ratio, HbA1c, triglycerides and HDL- cholesterol.
$95 \%$ confidence intervals based on 5,000 bootstrap samples.
Ambulatory blood pressure (ABP), glomerular filtration rate as a single-sample plasma clearance of iohexol (mGFR), urine albumin creatinine ratio (ACR), epidermal growth factor to the urine creatinine concentration (EGF-Cr).

|  | Total effect ( $\mathrm{Na} / \mathrm{K}$-ratio ABP) | $P$ value | Direct effect ( $\mathrm{Na} / \mathrm{K}$-ratio - ABP) | Confidence interval |  | $P$ value | Relationship | Indirect effect | Confidence interval |  | t-statistic | Conclusion |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Lower bound | Upper bound |  |  |  | Lower bound | Upper bound |  |  |
| Night-time ABP dip |  |  |  |  |  |  |  |  |  |  |  |  |
| Systolic BP | -0.07 | 0.71 | -0.07 | -0.41 | 0.28 | 0.71 | M1 <br> M2 <br> M3 | $\begin{aligned} & -0.00 \\ & -0.01 \\ & 0.01 \end{aligned}$ | $-0.02$ $-0.02$ $-0.03$ | $\begin{aligned} & 0.01 \\ & 0.01 \\ & 0.04 \\ & \hline \end{aligned}$ | $\begin{aligned} & -0.19 \\ & -0.85 \\ & 0.36 \\ & \hline \end{aligned}$ | No mediation effect No mediation effect No mediation effect |
| Diastolic BP | 0.06 | 0.78 | 0.05 | -0.35 | 0.45 | 0.81 | M1 <br> M2 <br> M3 | $\begin{aligned} & 0.00 \\ & -0.01 \\ & 0.01 \end{aligned}$ | $\begin{aligned} & -0.01 \\ & -0.02 \\ & -0.03 \end{aligned}$ | $\begin{aligned} & 0.02 \\ & 0.01 \\ & 0.06 \end{aligned}$ | 0.27 <br> -0.87 <br> 0.67 | No mediation effect No mediation effect No mediation effect |

Relationships: M1: Na/K-ratio (SD) -> mGFR-> ABP dip (\%). M2: Na/K-ratio (SD)->ACR-> ABP dip (\%). M3: Na/K-ratio (SD)-> EGF-Cr -> ABP dip (\%).
Covariates: age, sex (male or female), waist-hip-ratio, HbA1c, triglycerides and HDL- cholesterol.
$95 \%$ confidence intervals based on 5,000 bootstrap samples.
Ambulatory blood pressure (ABP), glomerular filtration rate as a single-sample plasma clearance of iohexol (mGFR), urine albumin creatinine ratio (ACR), epidermal growth factor to the urine creatinine concentration (EGF-Cr).

| Supplementary table 6: Mediation analysis for the urinary $\mathrm{Na} / \mathrm{K}$-ratio (per 1 SD increase) with night-time ABP dip (\%) as dependent variable with ACR substituted for values under limit of detection ( $n=1311$ ). |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total effect ( $\mathrm{Na} / \mathrm{K}$-ratio -ABP) | $P$ value | Direct effect ( $\mathrm{Na} / \mathrm{K}$-ratio ABP) | Confidence interval |  | $P$ value | Relationship | Indirect effect | Confidence interval |  | t-statistic | Conclusion |
|  |  |  |  | Lower bound | Upper bound |  |  |  | Lower bound | Upper bound |  |  |
| Night-time ABP dip |  |  |  |  |  |  |  |  |  |  |  |  |
| Systolic BP | -0.08 | 0.66 | -0.08 | -0.42 | 0.27 | 0.66 | M1 | -0.00 | -0.02 | 0.01 | -0.17 | No mediation effect <br> No mediation effect <br> No mediation effect |
|  |  |  |  |  |  |  | M2 M3 | -0.01 0.01 | -0.02 -0.03 | 0.01 0.00 | -0.84 0.35 |  |
| Diastolic BP | 0.03 | 0.87 | 0.02 | -0.37 | 0.42 | 0.90 | M1 | 0.00 | -0.01 | 0.02 | 0.27 | No mediation effect No mediation |
|  |  |  |  |  |  |  | M2 M3 | $\begin{array}{r} -0.01 \\ 0.01 \\ \hline \end{array}$ | -0.02 -0.03 | 0.01 0.06 | -0.87 0.66 | effect <br> No mediation effect |
| Relationships: M1: Na/K-ratio (SD)-> mGFR-> ABP dip (\%). M2: Na/K-ratio (SD)->ACR-> ABP dip (\%). M3: Na/K-ratio (SD)-> EGF-Cr -> ABP dip (\%). |  |  |  |  |  |  |  |  |  |  |  |  |
| Covariates: age, sex (male or female), waist-hip-ratio, HbA1c, triglycerides and HDL- cholesterol. |  |  |  |  |  |  |  |  |  |  |  |  |
| 95\% confidence intervals based on 5,000 bootstrap samples. |  |  |  |  |  |  |  |  |  |  |  |  |
| Ambulatory blood pressure (ABP), glomerular filtration rate as a single-sample plasma clearance of iohexol (mGFR), urine albumin creatinine ratio (ACR), epidermal growth factor to the urine creatinine concentration (EGF-Cr). |  |  |  |  |  |  |  |  |  |  |  |  |



\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline Systolic BP \& 2.71 \& <0.001 \& 2.70 \& 2.08 \& 3.31 \& <0.001 \& M1
M2

M3 \& 0.01
-0.00
0.01 \& -0.04
-0.03
-0.06 \& 0.06
0.01

0.08 \& $$
\begin{aligned}
& 0.40 \\
& -0.24 \\
& -0.14
\end{aligned}
$$ \& No

mediation
effect
No
mediation
effect
No
mediation
effect <br>

\hline Diastolic BP \& 0.97 \& <0.001 \& 0.97 \& 0.62 \& 1.32 \& <0.001 \& | M1 |
| :--- |
| M2 |
| M3 | \& \[

$$
\begin{aligned}
& 0.01 \\
& 0.00 \\
& -0.01
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& -0.03 \\
& -0.02 \\
& -0.05
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 0.05 \\
& 0.01 \\
& 0.03 \\
& \hline
\end{aligned}
$$

\] \& | 0.40 |
| :--- |
| 0.22 |
| -0.32 | \& No mediation effect No mediation effect No mediation effect <br>


\hline \multicolumn{13}{|l|}{| Relationships: M1: Na/K-ratio-> mGFR-> BP. M2: Na/K-ratio->ACR-> BP. M3: Na/K-ratio-> EGF-Cr -> BP |
| :--- |
| Covariates: age, sex (male or female), waist-hip-ratio, HbA1c, triglycerides and HDL- cholesterol. $95 \%$ confidence intervals based on 5,000 bootstrap samples. |
| Ambulatory blood pressure (ABP), glomerular filtration rate as a single-sample plasma clearance of iohexol (mGFR), urine albumin creatinine ratio (ACR), epidermal growth factor to the urine creatinine concentration (EGF-Cr). |} <br>

\hline
\end{tabular}

| Supplementary table 8: Mediation analysis for the urinary Na/K-ratio (per 1 SD increase) for the associations with hypertension phenotypes ( $\mathrm{n}=1311$ ) with ACR substituted for values under limit of detection ( $n=1311$ ). |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Odds ratio for direct effect ( $\mathrm{Na} / \mathrm{K}$-ratio - ABP) | Confidence interval |  | $P$ value | Relationship | Odds ratio for the indirect effect | Confidence interval |  | Conclusion |
|  | Lower bound | Upper bound |  |  |  | Lower bound | Upper bound |  |
| Normotension vs white coat hypertension ( $\mathrm{n}=824$ ) |  |  |  |  |  |  |  |  |
| 1.31 | 1.06 | 1.60 | 0.010 | M1 | 1.0 | 0.99 | 1.01 | No mediation effect |
|  |  |  |  | M2 | 1.0 | 0.99 | 1.01 | No mediation effect |
|  |  |  |  | M3 | 1.04 | 1.01 | 1.10 | Partial mediation effect |
| Normotension vs masked hypertension |  |  |  |  |  |  |  |  |
| 0.90 | 0.74 | 1.11 | 0.30 | M1 | 0.96 | 0.98 | 1.01 | No mediation effect |
|  |  |  |  | M2 | 1.0 | 0.99 | 1.04 | No mediation effect |
|  |  |  |  | M3 | 1.01 | 0.99 | 1.04 | No mediation effect |
| Normotension vs sustained hypertension |  |  |  |  |  |  |  |  |
| 1.27 | 1.11 | 1.48 | 0.010 | M1 | 1.0 | 0.99 | 1.01 | No mediation effect |
|  |  |  |  | M2 | 1.0 | 0.99 | 1.00 | No mediation effect |
|  |  |  |  | M3 | 1.0 | 0.99 | 1.0 | No mediation effect |

Relationships: M1: Na/K-ratio (SD)-> mGFR-> Hypertension phenotype. M2: $\mathrm{Na} / \mathrm{K}$-ratio (SD) ->ACR-> Hypertension phenotype.
M3: Na/K-ratio (SD)-> EGF-Cr -> Hypertension phenotype.
Covariates: age, sex (male or female), waist-hip-ratio, HbA1c, triglycerides and HDL- cholesterol.
Results are expressed in odd ratios, $95 \%$ confidence intervals based on 5,000 bootstrap samples.
Ambulatory blood pressure (ABP), glomerular filtration rate as a single-sample plasma clearance of iohexol (mGFR), urine albumin creatinine ratio (ACR), epidermal growth factor to the urine creatinine concentration (EGF-Cr).

