## Supplementary Materials

Supplementary Table S1. General characteristics of the study population analyzed by the stroke morbidity

Supplementary Table S2. General characteristics of the study population analyzed by the ACS morbidity

Supplementary Table S3. General characteristics of the study population analyzed by the heart failure morbidity

Supplementary Table S4. OR and $95 \%$ CI of the ACS incidence according to the parameters of the 24-hour AMBP in people without atrial fibrillation

Supplementary Table S5. OR and $95 \%$ CI of the ACS incidence according to the parameters of the 24-hour Holter examination in people without atrial fibrillation

Supplementary Table S6. OR and $95 \%$ CI of the heart failure incidence according to the parameters of the 24-hour AMBP in people without atrial fibrillation

Supplementary Table S7. OR and $95 \%$ CI of the heart failure incidence according to the parameters of the 24 hour Holter examination in people without atrial fibrillation

Supplementary Table S8. OR and 95\% CI of the cardiovascular disease incidence according to the parameters of the 24-hour AMBP in people without atrial fibrillation

Supplementary Table S9. OR and 95\% CI of the cardiovascular disease incidence according to the parameters of the 24-hour Holter examination in people without atrial fibrillation

Supplementary Table S10. HR and $95 \%$ CI of the incidence of the total cardiovascular disease according to the 24 -hour AMBP parameters analyzed by a Cox proportional hazard model

Supplementary Table S11. HR and 95\% CI of the incidence of the cardiovascular diseases according to the 24-hour Holter examination parameters analyzed by a Cox proportional hazard model

Table S1. General characteristics of the study population analyzed by the stroke morbidity

| Characteristics |  | Non-stroke | Stroke (n=13) | P -value |
| :---: | :---: | :---: | :---: | :---: |
|  |  | $(\mathrm{n}=322)$ |  |  |
| Clinical | Female [ n (\%) ${ }^{\text {a }}$ | 151 (46.9) | 7 (53.80) | 0.835 |
|  | Age (years \%) | 56.05 | 66.23 | 0.028* |
| features | BMI ( $\mathrm{kg} / \mathrm{m}^{2} \%$ ) | 24.52 | 24.89 | 0.707 |
| Questionnaire | Tobacco use [n (\%)] | 42 (13.2) | 3 (23.1) | 0.397 |
|  | DM [ n (\%)] | 39 (12.2) | 2 (15.4) | 0.667 |
|  | CVD Hx [n (\%)] | 74 (23.0) | 10 (76.9) | $<0.001^{*}$ |
|  | Known AF [n (\%)] | 14 (4.3) | 3 (23.1) | 0.002* |
|  | HTN Hx [ n (\%)] | 172 (53.4) | 7 (53.8) | 0.787 |
|  | Dyslipidemia Hx (\%) | 39 (12.1) | 5 (38.5) | 0.018* |
|  | LDL (mg/dL) | 97.72 | 91.50 | 0.611 |
| data | Total cholesterol (mg/dL) | 169.48 | 154.85 | 0.296 |

General characteristics of the study population analyzed by the stroke morbidity.
BMI, body mass index; DM, diabetes mellitus; CVD Hx, cardiovascular disease history (ACS, HF \& stroke); AF, atrial fibrillation; HTN Hx, hypertension history; Hx, history; LDL, low density lipoprotein.
*Statistical significance $(\mathrm{P}<0.05)$ of the difference between the two groups.

Table S2. General characteristics of the study population analyzed by the ACS morbidity

| Characteristics |  | Non-ACS | ACS ( $\mathrm{n}=12$ ) | P -value |
| :---: | :---: | :---: | :---: | :---: |
|  |  | ( $\mathrm{n}=323$ ) |  |  |
| Clinical <br> features | Female [ n (\%) ${ }^{\text {] }}$ | 154 (47.7) | 4 (33.3) | 0.495 |
|  | Age (years \%) | 56.24 | 62.08 | 0.226 |
|  | BMI ( $\mathrm{kg} / \mathrm{m}^{2} \%$ ) | $24.56 \pm 3.48$ | $23.77 \pm 3.48$ | 0.437 |
| Questionnaire | Tobacco use [n (\%)] | 43 (13.4) | 2 (16.7) | 0.670 |
|  | DM [ n (\%)] | 38 (11.9) | 3 (25.0) | 0.174 |
|  | CVD Hx [n (\%)] | 76 (23.5) | 8 (66.7) | 0.002* |
|  | Known AF [n (\%)] | 15 (4.6) | 2 (16.7) | 0.062 |
|  | HTN Hx [n (\%)] | 172 (53.5) | 9 (75.0) | 0.234 |
|  | Dyslipidemia Hx (\%) | 42 (13) | 2 (16.7) | 0.662 |
|  | LDL (mg/dL) | 97.82 | 85.62 | 0.411 |
| Biochemical data | Total cholesterol (mg/dL) | 168 | 165 | 0.810 |

General characteristics of the study population analyzed by the ACS morbidity.
BMI, body mass index; DM, diabetes mellitus; CVD Hx, cardiovascular disease history (ACS, HF \& stroke); AF, atrial fibrillation; HTN Hx, hypertension history; Hx, history; LDL, low density lipoprotein.
*Statistical significance $(\mathrm{P}<0.05)$ of the difference between the two groups.

Table S3. General characteristics of the study population analyzed by the heart failure morbidity

| Characteristics |  | Non-HF $(\mathrm{n}=329)$ | HF ( $\mathrm{n}=6$ ) | P-value |
| :---: | :---: | :---: | :---: | :---: |
|  | Female [n (\%)] | 157 (47.7) | 1 (16.7) | 0.219 |
|  | Age (years \%) | 56.40 | 58.67 | 0.739 |
|  | BMI ( $\mathrm{kg} / \mathrm{m}^{2} \%$ ) | 24.54 | 24.46 | 0.956 |
| Questionnaire | Tobacco use [n (\%)] | 44 (13.5) | 1 (16.7) | 0.586 |
|  | DM [ n (\%)] | 40 (12.3) | 1 (16.7) | 0.549 |
|  | CVD Hx [n (\%)] | 79 (24.0) | 5 (83.3) | $0.004^{*}$ |
|  | Known AF [n (\%)] | 15 (4.6) | 2 (33.3) | 0.001* |
|  | HTN Hx [ n (\%)] | 177 (53.8) | 4 (66.7) | 0.691 |
|  | Dyslipidemia Hx (\%) | 44 (13.4) | 0 (0.0) | 1.000 |
| Biochemical | LDL (mg/dL) | 97.29 | 106.5 | 0.658 |
| data | Total cholesterol ( $\mathrm{mg} / \mathrm{dL}$ ) | 168.76 | 170.60 | 0.934 |

General characteristics of the study population analyzed by the heart failure morbidity.
BMI, body mass index; DM, diabetes mellitus; CVD Hx, cardiovascular disease history (ACS, HF \& stroke), AF, atrial fibrillation; HTN Hx, hypertension history; Hx, history; LDL, low density lipoprotein.
*Statistical significance $(\mathrm{P}<0.05)$ of the difference between the two groups.

Table S4. OR and $95 \%$ CI of the ACS incidence according to the parameters of the 24 -hour AMBP in people without atrial fibrillation

| Variable of 24 hr AMBP |  | Unadjusted |  | Adjusted* |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | OR (95\% CI) | P- <br> value | OR (95\% CI) | Pvalue |
| 24 hr BP | Mean sBP (mmHg) | $\begin{gathered} 0.983 \\ (0.940-1.027) \end{gathered}$ | 0.439 | 0.977 $(0.936-1.019)$ | 0.284 |
|  | Mean dBP (mmHg) | $\begin{gathered} 0.974 \\ (0.925-1.024) \end{gathered}$ | 0.302 | $\begin{gathered} 0.969 \\ (0.920-1.021) \end{gathered}$ | 0.241 |
| Day BP | Mean sBP (mmHg) | $\begin{gathered} 0.977 \\ (0.933-1.022) \end{gathered}$ | $0.309$ | 0.970 $(0.927-1.015)$ | 0.195 |
|  | Mean dBP (mmHg) | $\begin{gathered} 0.947 \\ (0.877-1.023) \end{gathered}$ | 0.166 | $\begin{gathered} 0.942 \\ (0.869-1.020) \end{gathered}$ | 0.143 |
|  | Systolic load (\%) | $\begin{gathered} 0.995 \\ (0.971-1.018) \end{gathered}$ | 0.654 | $\begin{gathered} 0.994 \\ (0.970-1.017) \end{gathered}$ | 0.588 |
|  | Diastolic load (\%) | $\begin{gathered} 0.984 \\ (0.953-1.015) \end{gathered}$ | 0.306 | $\begin{gathered} 0.981 \\ (0.949-1.014) \end{gathered}$ | 0.264 |
| Night BP | Mean sBP (mmHg) | 0.993 $(0.955-1.033)$ | 0.732 | 0.984 $(0.947-1.023)$ | 0.429 |
|  | Mean dBP (mmHg) | $\begin{gathered} 0.996 \\ (0.945-1.051) \end{gathered}$ | 0.892 | $\begin{gathered} 0.990 \\ (0.945-1.038) \end{gathered}$ | 0.683 |
|  | Systolic load (\%) | $\begin{gathered} 0.998 \\ (0.982-1.015) \end{gathered}$ | 0.808 | $\begin{gathered} 0.994 \\ (0.974-1.014) \end{gathered}$ | 0.538 |
|  | Diastolic load (\%) | $\begin{gathered} 1.001 \\ (0.981-1.021) \end{gathered}$ | 0.935 | $\begin{gathered} 0.996 \\ (0.976-1.016) \end{gathered}$ | 0.682 |
|  | Dipper | 0.420 | 0.226 | 0.496 | 0.345 |

OR and $95 \%$ CI of the ACS incidence according to the parameters of the 24-hour AMBP in people without atrial fibrillation.

The variables are presented as the OR ( $95 \% \mathrm{CI}$ ). The ORs and $95 \%$ CI were estimated by a multivariate logistic regression analysis.

OR, odds ratio; ACS, acute coronary syndrome; sBP, systolic blood pressure; dBP, diastolic blood pressure.
*The variables were adjusted for the sex, age, and known cardiovascular disease history.

Table S5. OR and $95 \%$ CI of the ACS incidence according to the parameters of the 24 -hour Holter examination in people without atrial fibrillation

| Variable of 24 hr Holter |  | Unadjusted |  | Adjusted ${ }^{\dagger}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | OR (95\% CI) | Pvalue | OR (95\% CI) | P-value |
| Arrhythmia | APC (\%) | $\begin{gathered} 1.226 \\ (1.017-1.478) \end{gathered}$ | $0.032$ | $\begin{gathered} \hline 1.242 \\ (0.995-1.550) \end{gathered}$ | 0.055 |
|  | PVC (\%) | $\begin{gathered} 1.150 \\ (1.007-1.314) \end{gathered}$ | $0.040$ | $\begin{gathered} 0.052 \\ (0.999-1.319) \end{gathered}$ | 1.235 |
| Time domai | Average HR (beat/m) | 0.982 $(0.921-1.046)$ | 0.563 | 0.980 $(0.919-1.045)$ | 0.533 |
|  | Mean NN (ms) | $\begin{gathered} 1.002 \\ (0.998-1.007) \end{gathered}$ | 0.338 | $\begin{gathered} 1.002 \\ (0.997-1.007) \end{gathered}$ | 0.358 |
|  | SDNN (ms) | $\begin{gathered} 0.993 \\ (0.977-1.011) \end{gathered}$ | 0.454 | $\begin{gathered} 0.999 \\ (0.981-1.017) \end{gathered}$ | 0.941 |
|  | SDaNN (ms) | $\begin{gathered} 0.989 \\ (0.971-1.009) \end{gathered}$ | 0.277 | $\begin{gathered} 0.997 \\ (0.978-1.017) \end{gathered}$ | 0.764 |
| Heart rate variability | LF (ms) | 0.999 $(0.988-1.011)$ | 0.900 | 1.000 $(0.991-1.009)$ | 0.976 |
|  | HF (ms) | $\begin{gathered} 0.999 \\ (0.982-1.016) \end{gathered}$ | 0.895 | $\begin{gathered} 1.000 \\ (0.987-1.013) \end{gathered}$ | 0.997 |
|  | L/H (ms) | $\begin{gathered} 0.959 \\ (0.206-4.472) \end{gathered}$ | 0.958 | $\begin{gathered} 0.917 \\ (0.193-4.363) \end{gathered}$ | 0.913 |

$\overline{\mathrm{OR}}$ and $95 \% \mathrm{CI}$ of the ACS incidence according to the parameters of the 24-hour Holter examination in people without atrial fibrillation.

The variables are presented as the OR ( $95 \% \mathrm{CI}$ ). The ORs and $95 \%$ CI were estimated by a multivariate
logistic regression analysis.

OR, odds ratio; APC, atrial premature complexes; PVC, premature ventricular contraction; HR, heart rate; SDNN, SD of all NN intervals; SDaNN, SD of the averages of the NN intervals; LF, low frequency; HF, high frequency; L/H, LF/HF.
*Statistical significance $(\mathrm{P}<0.05)$ of the difference between the two groups.
${ }^{\dagger}$ The variables were adjusted for the sex, age, and known cardiovascular disease history.

Table S6. OR and $95 \%$ CI of the heart failure incidence according to the parameters of the 24-hour AMBP in people without atrial fibrillation

| Variable of 24 hr AMBP |  | Unadjusted |  | Adjusted* |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | OR (95\% CI) | P -value | OR (95\% CI) | P -value |
| 24 hr BP | $\begin{aligned} & \text { Mean sBP } \\ & (\mathrm{mmHg}) \end{aligned}$ | 1.053 $(1.005-1.104)$ | 0.031 | 1.049 $(0.998-1.103)$ | 0.057 |
|  | Mean dBP $(\mathrm{mmHg})$ | $\begin{gathered} 1.064 \\ (0.979-1.157) \end{gathered}$ | 0.141 | $\begin{gathered} 1.059 \\ (0.967-1.158) \end{gathered}$ | 0.215 |
| Day BP | $\begin{aligned} & \text { Mean sBP } \\ & (\mathrm{mmHg}) \end{aligned}$ | 1.054 $(1.004-1.106)$ | 0.034 | 1.052 $(0.999-1.108)$ | 0.054 |
|  | Mean dBP $(\mathrm{mmHg})$ | $\begin{gathered} 1.056 \\ (0.971-1.149) \end{gathered}$ | 0.203 | $\begin{gathered} 1.049 \\ (0.960-1.145) \end{gathered}$ | 0.291 |
|  | Systolic load (\%) | $\begin{gathered} 1.030 \\ (0.997-1.063) \end{gathered}$ | 0.750 | $\begin{gathered} 1.028 \\ (0.997-1.060) \end{gathered}$ | 0.079 |
|  | Diastolic load (\%) | $\begin{gathered} 1.023 \\ (0.992-1.055) \end{gathered}$ | 0.145 | $\begin{gathered} 1.021 \\ (0.988-1.055) \end{gathered}$ | 0.207 |
| Night BP | $\begin{aligned} & \text { Mean sBP } \\ & (\mathrm{mmHg}) \end{aligned}$ | 1.040 $(0.997-1.085)$ | 0.069 | 1.035 $(0.989-1.084)$ | 0.138 |
|  | Mean dBP $(\mathrm{mmHg})$ | $\begin{gathered} 1.077 \\ (0.991-1.169) \end{gathered}$ | 0.079 | $\begin{gathered} 1.066 \\ (0.969-1.173) \end{gathered}$ | 0.190 |
|  | Systolic load (\%) | $\begin{gathered} 1.003 \\ (0.996-1.009) \end{gathered}$ | 0.423 | $\begin{gathered} 1.001 \\ (0.994-1.008) \end{gathered}$ | 0.792 |
|  | Diastolic load (\%) | $\begin{gathered} 1.012 \\ (0.980-1.045) \end{gathered}$ | 0.471 | $\begin{gathered} 1.005 \\ (0.973-1.037) \end{gathered}$ | 0.768 |
|  | Dipper | $\begin{gathered} 0.860 \\ (0.120-6.183) \end{gathered}$ | 0.881 | $\begin{gathered} 1.200 \\ (0.151-9.532) \end{gathered}$ | 0.863 |

OR and $95 \%$ CI of the heart failure incidence according to the parameters of the 24 -hour AMBP in people without atrial fibrillation. The variables are presented as the OR (95\% CI). The ORs and $95 \%$ CI were estimated by a multivariate logistic regression analysis.

OR, odds ratio; BP , blood pressure; sBP, systolic blood pressure; dBP, diastolic blood pressure.
*The variables were adjusted for the sex, age, known cardiovascular disease history, and known atrial fibrillation history.

Table S7. OR and $95 \%$ CI of the heart failure incidence according to the parameters of the 24 hour Holter examination in people without atrial fibrillation


OR and $95 \%$ CI of the heart failure incidence according to the parameters of the 24 -hour Holter examination in people without atrial fibrillation. The variables are presented as the OR ( $95 \% \mathrm{CI}$ ). The ORs and $95 \%$ CI were estimated by a multivariate logistic regression analysis.
OR, odds ratio; APC, atrial premature complexes; PVC, premature ventricular contraction; HR, hazard ratios; SDNN, SD of all NN intervals; SDaNN, SD of the averages of the NN intervals; LF, low frequency; HF, high frequency; L/H, LF/HF.
*The variables were adjusted for the sex, age, known cardiovascular disease history, and known atrial fibrillation history.

Table S8. OR and $95 \%$ CI of the cardiovascular disease incidence according to the parameters of the 24-hour AMBP in people without atrial fibrillation

| Variable of 24 hr AMBP |  | Unadjusted |  | Adjusted ${ }^{+}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | OR (95\% CI) | P -value | OR (95\% CI) | P-value |
| 24 hr BP | Mean sBP $(\mathrm{mmHg})$ | 1.019 $(0.994-1.045)$ | 0.139 | 1.005 $(0.979-1.032)$ | 0.689 |
|  | Mean dBP $(\mathrm{mmHg})$ | $\begin{gathered} 1.003 \\ (0.962-1.046) \end{gathered}$ | 0.879 | $\begin{gathered} 1.002 \\ (0.956-1.051) \end{gathered}$ | 0.080 |
| Day BP | $\begin{aligned} & \text { Mean sBP } \\ & (\mathrm{mmHg}) \end{aligned}$ | 1.016 $(0.990-1.042)$ | 0.233 | 1.003 $(0.976-1.031)$ | 0.806 |
|  | Mean dBP $(\mathrm{mmHg})$ | $\begin{gathered} 0.988 \\ (0.944-1.035) \end{gathered}$ | 0.613 | $\begin{gathered} 0.990 \\ (0.941-1.041) \end{gathered}$ | 0.695 |
|  | Systolic load (\%) | $\begin{gathered} 1.006 \\ (0.991-1.020) \end{gathered}$ | 0.458 | $\begin{gathered} 1.002 \\ (0.987-1.018) \end{gathered}$ | 0.779 |
|  | Diastolic load (\%) | $\begin{gathered} 0.996 \\ (0.978-1.014) \end{gathered}$ | 0.640 | $\begin{gathered} 0.996 \\ (0.977-1.016) \end{gathered}$ | 0.704 |
| Night BP | Mean sBP $(\mathrm{mmHg})$ | 1.019 $(0.996-1.042)$ | 0.100 | 1.003 $(0.979-1.028)$ | 0.806 |
|  | Mean dBP $(\mathrm{mmHg})$ | $\begin{gathered} 1.030 \\ (0.989-1.072) \end{gathered}$ | 0.153 | $\begin{gathered} 1.018 \\ (0.975-1.062) \end{gathered}$ | 0.430 |
|  | Systolic load (\%) | $\begin{gathered} 1.002 \\ (0.997-1.007) \end{gathered}$ | 0.410 | $\begin{gathered} 1.000 \\ (0.994-1.006) \end{gathered}$ | 0.929 |
|  | Diastolic load (\%) | $\begin{gathered} 1.010 \\ (0.996-1.025) \end{gathered}$ | 0.169 | $\begin{gathered} 1.004 \\ (0.989-1.019) \end{gathered}$ | 0.595 |
|  | Dipper | 0.346 | 0.034* | 0.476 | 0.175 |

OR and $95 \% \mathrm{CI}$ of the total cardiovascular disease incidence according to the parameters of the 24hour AMBP in people without atrial fibrillation.

The variables are presented as the OR ( $95 \%$ CI). The ORs and $95 \%$ CI were estimated by a multivariate logistic regression analysis.

OR, odds ratio; BP, blood pressure; sBP, systolic blood pressure; dBP, diastolic blood pressure.
*Statistical significance ( $\mathrm{P}<0.05$ ) of the difference between the two groups.
${ }^{\dagger}$ The variables were adjusted for the sex, age, known cardiovascular disease history, and known atrial fibrillation history.

Table S9. OR and 95\% CI of the cardiovascular disease incidence according to the parameters of the 24-hour Holter examination in people without atrial fibrillation

| Variable of 24 hr Holter |  | Unadjusted |  | Adjusted* |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | OR (95\% CI) | P- | OR (95\% CI) | P- <br> value |
|  |  |  | value |  |  |
| Arrhythmi | APC (\%) | 1.139 (0.948-1.369) | 0.163 | 1.168 | 0.197 |
|  |  |  |  |  |  |
|  | PVC (\%) | 1.089 (0.956-1.240) | 0.200 | 1.089 | 0.269 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Time | Average HR | 0.995 (0.953-1.038) | 0.809 | 0.999 | 0.979 |
|  |  |  |  |  |  |
|  | (beat/min) |  |  | (0.954-1.047) |  |
|  | Mean NN (ms) | 1.001 (0.998-1.005) | 0.494 | 1.001 | 0.754 |
|  |  |  |  |  |  |
|  |  |  |  | (0.997-1.004) |  |
| domain | SDNN (ms) | 0.991 (0.979-1.003) | 0.155 | 0.999 | 0.870 |
|  |  |  |  |  |  |
|  |  |  |  | (0.985-1.013) |  |
|  | SDaNN (ms) | 0.988 (0.974-1.001) | 0.074 | 0.998 | 0.755 |
|  |  |  |  | (0.983-1.013) |  |
| LF (ms) |  | 1.004 (0.995-1.013) | 0.398 | 1.011 | 0.663 |
|  |  |  |  |  |  |
|  |  | (0.962-1.063) |  |  |  |
| Heart rate | HF (ms) |  | 0.976 (0.901-1.057) | 0.548 | 0.994 | 0.862 |
| variability |  |  |  |  |  |  |
|  |  | (0.927-1.065) |  |  |  |  |
|  | L/H (ms) | 1.295 (0.454-3.694) | 0.628 | 1.623 | 0.381 |  |
|  |  |  |  |  |  |  |
|  |  |  |  | (0.549-4.797) |  |  |

OR and $95 \%$ CI of the total cardiovascular disease incidence according to the parameters of the 24hour Holter examination in people without atrial fibrillation.
The variables are presented as the OR $(95 \%$ CI). The ORs and $95 \%$ CI were estimated by a multivariate logistic regression analysis.
*The variables were adjusted for the sex, age, known cardiovascular disease history, and known atrial fibrillation history.

Table S10. HR and $95 \%$ CI of the incidence of the total cardiovascular disease according to the 24hour AMBP parameters analyzed by a Cox proportional hazard model

| 24 hr AMBP parameter |  |  | Unadjusted |  | Adjusted ${ }^{+}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | HR (95\% CI) | P -value | HR (95\% CI) | P -value |
| 24 Mean sBP |  |  | 1.016 | 0.207 | 1.006 | 0.612 |
|  |  |  | (0.991-1.041) |  | (0.983-1.30) |  |
|  | 24 Mean dBP |  | 1.003 | 0.882 | 1.014 | 0.537 |
|  |  |  | (0.961-1.047) |  | (0.971-1.059) |  |
|  | Day mean sBP |  | 1.014 | 0.282 | 1.011 | 0.343 |
|  |  |  | (0.989-1.039) |  | (0.988-1.036) |  |
| 24 hr | Total | Day mean dBP | 0.993 | 0.993 | 1.004 | 0.869 |
| AMBP |  |  | (0.950-1.037) |  | (0.960-1.050) |  |
|  | Night mean |  | 1.017 | 0.145 | 1.010 | 0.385 |
|  |  |  | (0.994-1.040) |  | (0.988-1.032) |  |
|  |  | Night mean | 1.029 | 0.165 | 1.021 | 0.322 |
|  |  | dBP | (0.988-1.071) |  | (0.979-1.065) |  |
|  |  | Dipper | 0.379 | 0.047* | 0.593 | 0.316 |
|  |  |  |  |  |  |  |
|  |  |  | (0.146-0.987) |  | (0.213-1.647) |  |

HR and $95 \% \mathrm{CI}$ of the incidence of the total cardiovascular disease according to the 24-hour AMBP parameters analyzed by a Cox proportional hazard model. The variables are presented as the HR (95\% CI). The HRs and $95 \%$ CIs were estimated by a Cox-proportional hazard model.

HR, hazard ratios; sBP, systolic blood pressure; dBP, diastolic blood pressure.
*Statistical significance ( $\mathrm{P}<0.05$ ) of the difference between the two groups.
${ }^{\text {T}}$ The variables were adjusted for the sex, age, known cardiovascular disease history, and known atrial fibrillation history.

Table S11. HR and $95 \%$ CI of the incidence of the cardiovascular diseases according to the 24 -hour Holter examination parameters analyzed by a Cox proportional hazard model

| Holter parameter |  | Unadjusted |  | Adjusted ${ }^{+}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | HR (95\% CI) | P -value | HR (95\% CI) | P -value |
| Stroke | APC | 0.506 | 0.745 | 0.000 (0.000) | 0.983 |
|  |  | (0.008-30.748) |  |  |  |
|  | PVC | 0.686 (0.124-3.801) | 0.666 | 0.000 (0.000) | 0.964 |
|  | SDNN | 0.973 (0.953-0.993) | 0.009* | $0.983$ | 0.153 |
|  |  |  |  |  |  |
|  | SDaNN | 0.966 (0.942-0.991) | 0.008* | 0.982 | 0.154 |
|  |  |  |  | (0.957-1.007) |  |
| ACS | APC | 1.247 (1.053-1.476) | 0.011* | 1.207 | 0.036* |
|  |  |  |  |  |  |
|  |  |  |  | (1.013-1.439) |  |
|  | PVC | 1.101 (0.991-1.224) | 0.073* | 1.088 | 0.187 |
|  |  |  |  | (0.960-1.233) |  |
|  | SDNN | 0.986 (0.968-1.004) | 0.121 | 0.997 | 0.737 |
|  |  |  |  |  |  |
|  |  |  |  | (0.980-1.015) |  |
|  | SDaNN | 0.994 (0.975-1.013) | 0.530 |  | 0.605 |
|  |  |  |  | (0.976-1.014) |  |
| HF | APC | 0.335 | 0.885 | 0.030 (0.000) | 0.995 |
|  |  |  |  |  |  |
|  |  | (0.000-884,381.388) |  |  |  |
|  | PVC | 0.631 | 0.751 | 0.000 (0.000) | 0.967 |
|  |  | (0.037-10.846) |  |  |  |
|  |  |  |  |  |  |
|  | SDNN | 1.007 (0.980-1.036) | 0.603 | 1.009 | 0.437 |
|  |  |  |  | (0.986-1.034) |  |
|  |  |  |  |  |  |
|  | SDaNN | 1.005 (0.977-1.034) | 0.728 | 1.009 | 0.468 |



HR and $95 \%$ CI of the incidence of the cardiovascular diseases according to the 24 -hour Holter examination parameters analyzed by a Cox proportional hazard model.

The variables are presented as the HR ( $95 \% \mathrm{CI}$ ). The HRs and $95 \%$ CIs were estimated by a Coxproportional hazard model.

Significant baseline characteristics of HF: known cardiovascular disease history and known atrial fibrillation history.

Significant baseline characteristics of ACS: known cardiovascular disease history.
Significant baseline characteristics of a stroke: known cardiovascular disease history, known atrial fibrillation history, and dyslipidemia.

Significant baseline characteristics of the Total: known cardiovascular disease history and known atrial fibrillation history.
*Statistical significance $(\mathrm{P}<0.05)$ of the difference between the two groups.
${ }^{\dagger}$ The variables were adjusted for the sex, age, and significant baseline characteristics related to each disease.

