## Supplementary Materials: Impact of Heart Rate Fragmentation on the Assessment of Heart Rate Variability

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Table S1. Gender difference in heart rate variability and heart rate fragmentation metrics.

Variable	Male	Female	P
HR, bpm	$72.8 \pm 0.2$	$75 \pm 0.2$	<.0001
SDNN, ms	$146 \pm 1$	$143 \pm 1$	0.0206
rMSSD, ms	$39 \pm 1$	$39 \pm 1$	0.7862
ULF, ln(ms <sup>2</sup> )	$9.58 \pm 0.02$	$9.62 \pm 0.02$	0.0894
VLF, ln(ms²)	$7.55 \pm 0.01$	$7.31 \pm 0.01$	<.0001
LF, ln(ms <sup>2</sup> )	$6.38 \pm 0.02$	$6.15 \pm 0.02$	<.0001
HF, ln(ms <sup>2</sup> )	$5.69 \pm 0.02$	$5.81 \pm 0.02$	0.0002
VHF, ln(ms <sup>2</sup> )	$4.82 \pm 0.02$	$4.95 \pm 0.02$	0.0002
LFHF	$2.43 \pm 0.03$	$1.64 \pm 0.03$	<.0001
PIPh, %	$39.5 \pm 0.2$	$40.6 \pm 0.2$	<.0001
PIPs, %	$25.9 \pm 0.2$	$25.6 \pm 0.2$	0.2377
Wh1, %	$16.7 \pm 0.1$	$17 \pm 0.1$	0.086
Wh2, %	$24.2 \pm 0.2$	$25.3 \pm 0.2$	<.0001
Wh3, %	$6.76 \pm 0.09$	$6.79 \pm 0.09$	0.8209
Ws1, %	$5.84 \pm 0.05$	$5.15 \pm 0.05$	<.0001
Ws2, %	$10.8 \pm 0.1$	$10.3 \pm 0.1$	<.0001
Ws3, %	$3.95 \pm 0.04$	$3.83 \pm 0.04$	0.0326
W0, %	$4.19 \pm 0.04$	$3.22 \pm 0.04$	<.0001
Wm2, %	$11.2 \pm 0.1$	$11.7 \pm 0.1$	<.0001
Wm3, %	$16.3 \pm 0.1$	$16.7 \pm 0.1$	0.0002

Data are least-square means  $\pm$  standard error of the mean adjusted for the effect of age. HR = 24-h mean heart rate, SDNN = standard deviation of 24-h normal-to-normal R-R (NN) intervals, rMSSD = root mean square of successive difference in NN intervals, ULF = ultra-low frequency (<0.0033 Hz), VLF = very-low frequency (0.0033–0.04 Hz), LF = low frequency (0.04–0.15 Hz), HF = high frequency (0.15–0.4 Hz), VHF = very high frequency (0.4–1.0 Hz), LF/HF = LF-to-LF ratio, PIPh = percentage of hard inflection point, PIPs = percentage of soft inflection point, and variables consisting of letter "W" with the type (h = hard, s = soft, and m = mixed) and number are the word categories of symbolic dynamics for four consecutive NN interval differences (Table 1).