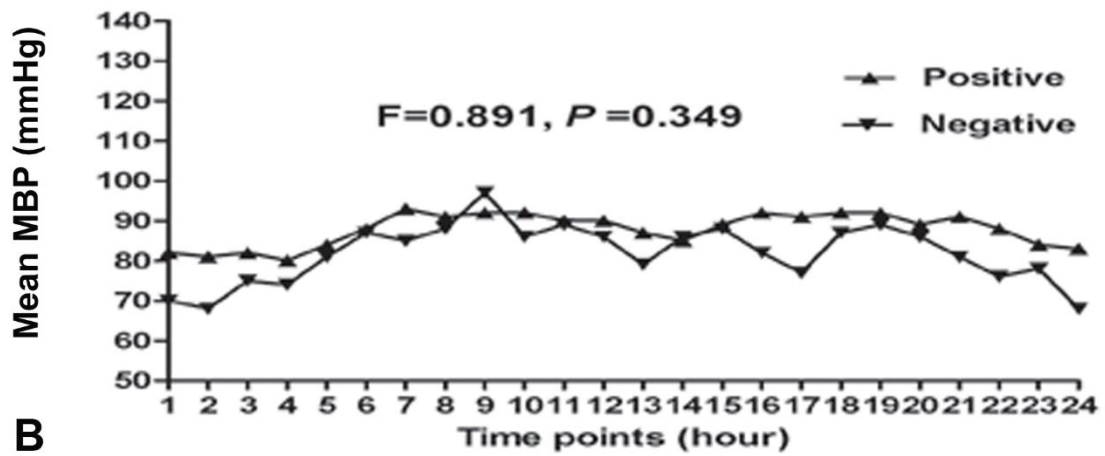
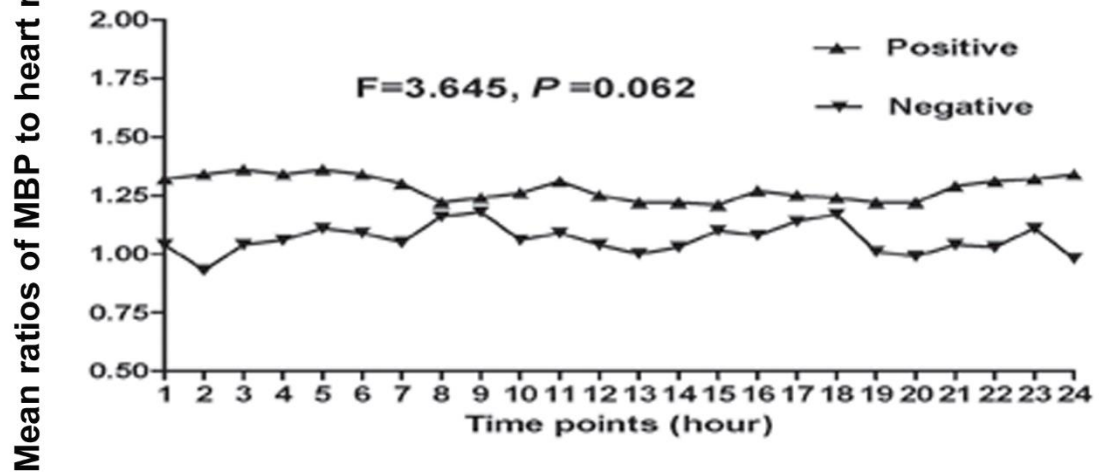


A

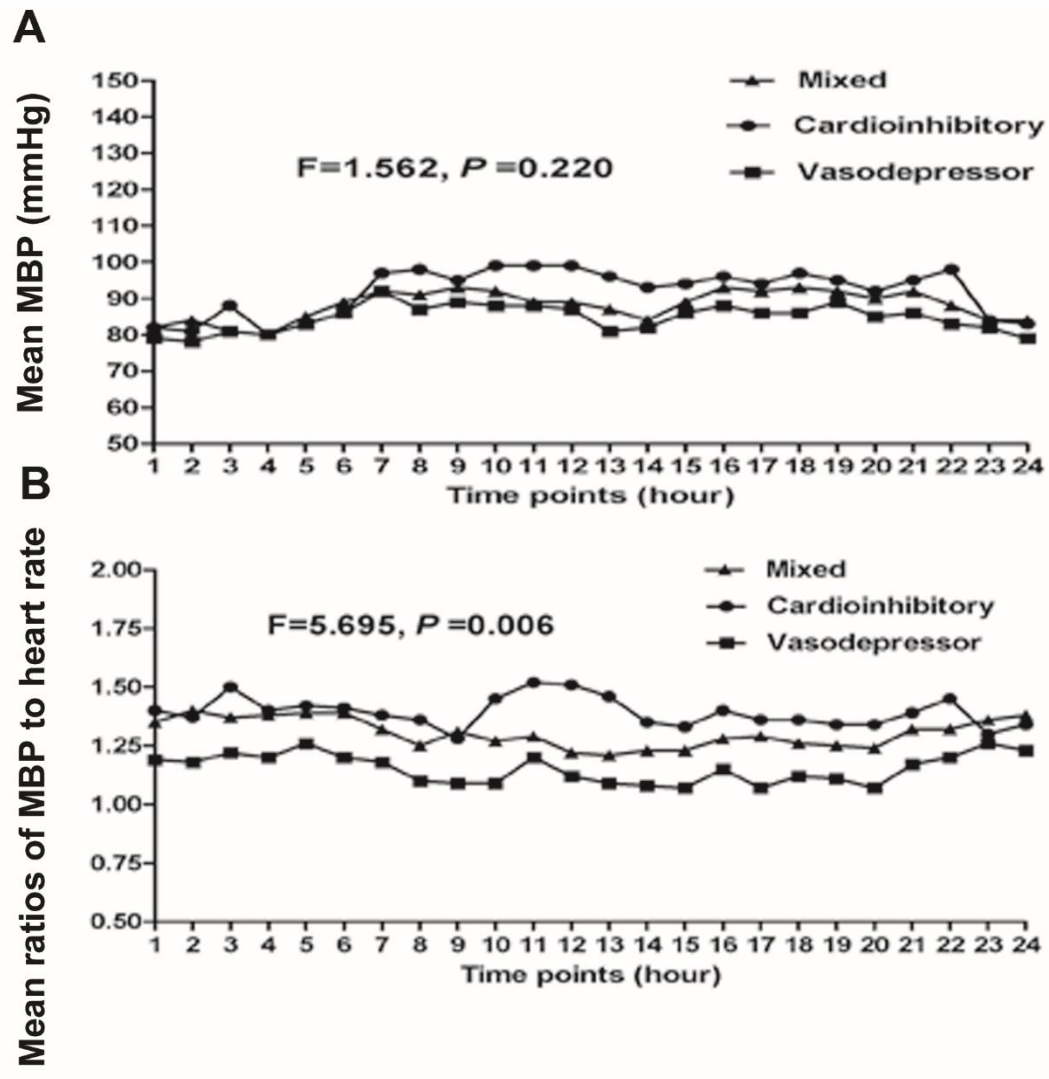


B



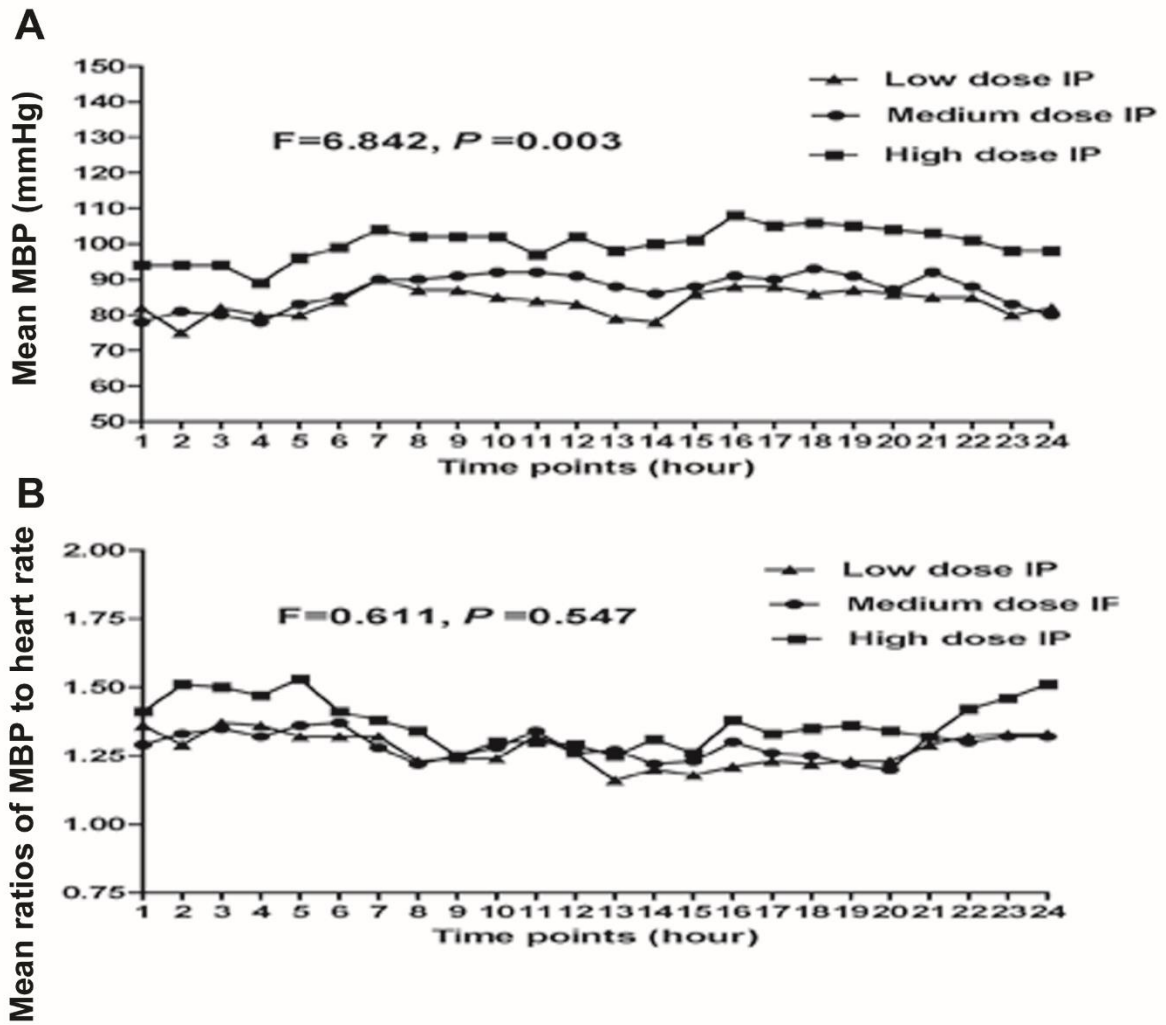
Wen et al supplemental Figure 1

Supplemental Figure 1 The trend of parameters from ambulatory blood pressure monitoring according to positive and negative response. (A) Mean mean blood pressure (MBP) at each hour; (B) Mean ratios of MBP to heart rate at each hour.



Wen et al supplemental Figure 2

Supplemental Figure 2 The trend of parameters from ambulatory blood pressure monitoring according to syncopal subtypes. (A) Mean mean blood pressure (MBP) at each hour; (B) Mean ratios of MBP to heart rate at each hour.



Wen et al supplemental Figure 3

Supplemental Figure 3 The trend of parameters from ambulatory blood pressure monitoring according to syncopal stages. (A) Mean mean blood pressure (MBP) at each hour; (B) Mean ratios of MBP to heart rate at each hour. IP, isoproterenol.

Supplemental Table 3a Heart rate and blood pressure from simplistic tilt test for head-up tilt test results.

Group	negative	positive	<i>P</i>
Number	16	284	
MBP at supine position (S_p)	88±13	88±12	0.961
MBP at tilt 70° position (T_p)	94±18	91±12	0.447
MBP/HR ratio at supine position	1.18±0.17	1.32±0.0.24	0.003
MBP/HR ratio at tilt 70° position	1.11±0.18	1.23±0.26	0.076
MBP difference ($T_p - S_p$)	5.8±14.0	3.5±7.0	0.227

Data are presented as means ± SD. t-test was used for significant analysis. HR, heart rate; MBP, mean blood pressure.

Supplemental Table 3b Heart rate and blood pressure from simplistic tilt test for head-up tilt test results.

Group	mixed	cardioinhibitory	vasodepressor	<i>P</i>
Number	149	79	56	
MBP at supine position (S_p)	88±12	89±14	87±12	0.763
MBP at tilt 70° position (T_p)	92±11	92±15	89±13	0.389
MBP/HR ratio at supine position	1.34±0.24	1.33±0.25	1.28±0.22	0.335
MBP/HR ratio at tilt 70° position	1.25±0.24	1.24±0.0.30	1.13±0.25*#	0.010

MBP difference ($T_p - S_p$)	4.0±5.9	3.3±8.1	2.0±7.5	0.194
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Supplemental Table 4 Heart rate and blood pressure from simplistic tilt test for syncopal stages.

Group	1µg/min	3µg/min	5µg/min	<i>P</i>
	isoproterenol	isoproterenol	isoprotereno 	
Number	39	189	50	
MBP at supine position (S_p)	85±12	88±12	90±12	0.196
MBP at tilt 70° position (T_p)	86±12	92±12*	94±12*	0.022
MBP/HR ratio at supine position	1.28±0.25	1.33±0.23	1.33±0.24	0.367
MBP/HR ratio at tilt 70° position	1.10±0.28	1.24±0.25	1.29±0.27*#	0.001
MBP difference ($T_p - S_p$)	0.3±8.6	4.2±6.4	3.4±6.4	0.056

Data are presented as means ± SD. *P*-value based on One-Way ANOVA with LSD post hoc test within subgroups. HR, heart rate; MBP, mean blood pressure. **P* < 0.05 vs. 1µg/min isoproterenol, #*P* < 0.05 vs. 3µg/min isoproterenol.

Data are presented as means ± SD or n (n). *P*-value based on One-Way ANOVA with LSD post hoc test within subgroups. MBP, mean blood pressure; HR, heart rate. **P* < 0.05 vs. mixed, #*P* < 0.05 vs. cardioinhibitory.

Supplemental Table 5a Mean blood pressure, mean heart rate and their ratios from ambulatory blood pressure monitoring based on tilt test results.

Group	positive	negative	<i>P</i>
Number	56	3	
MBP at daytime	89±11	86±6	0.607
MBP/HR ratio at daytime	1.20±0.17	1.03±0.06	0.082
MBP at nighttime	82±11	73±5	0.139
MBP/HR ratio at nighttime	1.32±0.21	1.00±0.10	0.008
MBP all day	87±10	83±6	0.520
MBP/HR ratio all day	1.25±0.19	1.06±0.06	0.089

Data are presented as means ± SD or n (%). *P*-value based on t-test or χ^2 tests. SBP, systolic blood pressure; DBP, diastolic blood pressure; MBP, mean blood pressure.

Supplemental Table 5b Mean blood pressure, mean heart rate and their ratios from ambulatory pressure monitoring based on tilt test results.

Group	mixed	cardioinhibitory	vasodepressor
Number	29	12	15
MBP at daytime	90±9	92±13	86±12
MBP/HR ratio at daytime	1.21±0.15	1.31±0.18	1.09±0.15* [#]
MBP at nighttime	83±10	83±12	80±12
MBP/HR ratio at nighttime	1.35±0.19	1.36±0.25	1.21±0.21
MBP all day	88±9	89±13	85±12
MBP/HR ratio all day	1.26±0.17	1.33±0.23	1.16±0.16* [#]

Data are presented as means ± SD. *P*-value based on One-Way ANOVA with LSD post hoc test within subgroups. HR, heart rate; MBP, mean blood pressure. **P* < 0.05 vs. mixed, [#]*P* < 0.05 vs. cardioin

Supplemental Table 6 Mean blood pressure, mean heart rate and their ratios of ambulatory blood pressure monitoring based on different syncopal stages.

Group	1µg/min isoproterenol	3µg/min isoproterenol	5µg/min isoproterenol
Number	14	31	6
MBP at daytime	84±10	89±10	102±10* [#]
MAP/heart rate ratio at daytime	1.17±0.24	1.22±0.14	1.25±0.15
MBP at nighttime	80±11	80±10	96±10* [#]
MBP/heart rate ratio at nighttime	1.32±0.25	1.32±0.20	1.47±0.12
MBP all day	83±9	87±9	101±9* [#]
MBP/heart rate ratio all day	1.23±0.25	1.26±0.16	1.33±0.16

Data are presented as means ± SD. *P*-value based on One-Way ANOVA with LSD post hoc test within subgroups. MBP, mean blood pressure. **P* < 0.05 vs. 1µg/min isoproterenol, [#]*P* < 0.05 vs. 3µg/min isoproterenol.