Table S1. Multicollinearity analysis: correlations among baroreflex function variables.

| Variables                      | 1       | 2       | 3       | 4       | 5       | 6       | 7       |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|
| 1. Up-events (n°)              | 1.000   | .808**  | .931**  | .948**  | .620**  | .775**  | -.265*  |
| 2. Down-events (n°)            | .808**  | 1.000   | .948**  | .773**  | .830**  | .812**  | -.185   |
| 3. Total-events (n°)           | .931**  | .948**  | 1.000   | .875**  | .775**  | .838**  | -.268*  |
| 4. Up-BEI (%)                  | .948**  | .773**  | .875**  | 1.000   | .642**  | .816**  | -.256   |
| 5. Down-BEI (%)                | .620**  | .830**  | .775**  | .642**  | 1.000   | .931**  | -.297*  |
| 6. Total-BEI (%)               | .775**  | .812**  | .838**  | .816**  | .931**  | 1.000   | -.324*  |
| 7. Falls (n°)                  | -.265*  | -.185   | -.268*  | -.256   | -.297*  | -.324*  | 1.000   |

**Abbreviations:** Up-BEI: up-events baroreceptor effectiveness index; Down-BEI: down-events baroreceptor effectiveness index; Total-BEI: total-events baroreceptor effectiveness index; * indicates a significant correlation (p-value < .05); ** indicates a significant correlation (p-value < .01).

Table S2. Negative binomial regression analysis: sensitivity analyses.

| Factors                        | Univariate | Multivariate | Multivariate |
|--------------------------------|------------|--------------|--------------|
|                                | RR (95% CI) | P-value      | RR (95% CI)  | P-value |
| Frailty & physical function    |            |              |              |         |
| Frailty (yes/no)               | 4.10 (1.60-10.51) | 0.003 | 1.87 (0.74-4.76) | 0.187 |
| Daily steps (n°)               | 0.99 (0.99-1.00) | 0.006 | 1.00 (0.99-1.00) | 0.575 |
| Daily sit to stands (n°)       | 0.96 (0.93-0.99) | 0.042 | 1.01 (0.97-1.06) | 0.647 |
| Handgrip (Kg)                  | 0.94 (0.88-0.99) | 0.034 | 0.96 (0.91-1.01) | 0.096 |
| Gait speed (m/s)               | 0.08 (0.01-0.62) | 0.016 | 0.39 (0.05-2.95) | 0.361 |
| TUG (s)                        | 1.16 (1.02-1.32) | 0.021 | 1.06 (0.95-1.19) | 0.299 |
| Cardiovascular function        |            |              |              |         |
| Total-BEI (%)                  | 0.96 (0.93-0.98) | <0.001 | 0.97 (0.95-0.99) | 0.020 |
| CO (L/min)                     | 0.51 (0.27-0.98) | 0.043 | 0.65 (0.40-1.06) | 0.084 |
| OscDBP (mmHg)                  | 0.90 (0.83-0.98) | 0.010 | 0.96 (0.88-1.04) | 0.344 |

**Abbreviations:** RR: rate ratio; CI: confidence interval; TUG: timed up and go test; Total-BEI: total-events baroreceptor effectiveness index; CO: cardiac output response to HUT-60°; OscDBP:
oscillometric diastolic blood pressure response to HUT-60°; Model 1: All factors are adjusted for diabetic status and antidepressant use; Model 2: Frailty and physical function factors are adjusted for all variables in Model 1 and for Total-BEI. Cardiovascular function factors are adjusted for all variables in Model 1 and for frailty.