

Table S1. Baseline characteristics of participants in the original sample (n=3651), the analytical sample (n=3210), and in individuals (n=763) with elevated BP under ACC/AHA 2017 and normal BP ESC/ESH 2018.

| Characteristics | | Original sample | Analytical sample | Sample with elevated BP under ACC/AHA 2017 |
|--------------------------------------|---|-----------------|-------------------|--|
| Sex | Women | 59% | 59% | 60% |
| | Men | 41% | 41% | 40% |
| Age [years], mean (SD) | | 73.4 (4.1) | 73.3 (4.1) | 73.0 (4.1) |
| Socioeconomic characteristics | Living alone | 66% | 66% | 69% |
| | Education | | | |
| | Basic compulsory | 18% | 16% | 16% |
| | Apprenticeship | 39% | 39% | 42% |
| | High school | 25% | 25% | 24% |
| | University | 19% | 20% | 18% |
| | Financial difficulties | 29% | 27% | 25% |
| | Missing at least one variable in socioeconomic characteristics, n (%) | 419 (11%) | 80 (2.5%) | 18 (2.4%) |
| Hypertension | Hypertension | 46% | 45% | 46% |
| | Hypertension treatment | 44% | 44% | 45% |
| | Missing hypertension or antihypertensive treatment, n (%) | 25 (0.7%) | 6 (0.2%) | 1 (0.1%) |
| Other CVD risk factors | Hypercholesterolemia | 36% | 36% | 36% |
| | Diabetes | 12% | 11% | 12% |
| | History of CVD | 26% | 26% | 23% |
| | Smoking | | | |
| | Current smoker | 17% | 16% | 15% |
| | Former smoker | 40% | 41% | 40% |
| | Never smoker | 43% | 43% | 45% |
| | Missing at least one variable in other CVD risk factors, n (%) | 78 (2.1%) | 28 (0.9%) | 6 (0.8%) |
| BMI category | Underweight (BMI < 18.5 kg/m ²) | 1.5% | 1.5% | 0.7% |
| | Normal (BMI 18.5-24.9 kg/m ²) | 36% | 36% | 35% |
| | Overweight (BMI 25-29.9 kg/m ²) | 41% | 41% | 40% |
| | Obese (BMI ≥ 30 kg/m ²) | 22% | 22% | 24% |
| | Missing, n (%) | 442 (12%) | 10 (0.3%) | 2 (0.3%) |
| Multimorbidity | | 48% | 47% | 46% |
| Polypharmacy | | 23% | 23% | 21% |

Frailty

3.4%

3.6%

3.4%

Values are percentages unless indicated otherwise. n: number of participants; SD, standard deviation; BP: blood pressure; CVD: cardiovascular disease; multimorbidity: 2 or more self-reported chronic diseases; polypharmacy: self-reported use of 5 medication or more at least once a week.