## Distribution of participant characteristics by Quartile of Moderate Vigorous Physical Activity

| **Characteristic** | **N = 50,746** |
| --- | --- |
| Follow\_up time, Median | 96.7 |
| Two Years Stroke Survival, n (%) | 50,575 (100) |
| Two Years MI Survival, n (%) | 50,409 (99) |
| MVPA\_Quant\_PA4, n (%) |  |
| [0,50] | 13,329 (26) |
| (50,80] | 12,800 (25) |
| (80,120] | 12,249 (24) |
| (120,990] | 12,368 (24) |
| MVPA min/week, Median | 499.3 |
| MVPA min/week Activity Count, Median | 271.1 |
| MVPA min/week Self-Report (IPAQ), Median | 614.3 |
| MVPA min/week Machine Learning, Median | 80.0 |
| Myocardial Infarction, n (%) | 1,066 (2.1) |
| Stroke, n (%) | 684 (1.3) |
| Age, Median | 62.7 |
| Race, n (%) |  |
| Nonwhite | 1,524 (3.0) |
| White | 49,222 (97) |
| Sex, n (%) |  |
| Female | 27,366 (54) |
| Male | 23,380 (46) |
| Education, n (%) |  |
| None of the above | 3,183 (8.2) |
| O levels/GCSEs or equivalent, CSEs or equivalent | 11,420 (29) |
| A levels/AS, NVQ/HND/HNC or equivalent | 0 (0) |
| College or University degree | 24,337 (62) |
| Household Income, n (%) |  |
| Less than 18,000 | 5,790 (11) |
| 18,000 to 30,999 | 10,730 (21) |
| 31,000 to 51,999 | 13,568 (27) |
| 52,000 to 100,000 | 12,651 (25) |
| Greater than 100,000 | 4,068 (8.0) |
| Do not know/Prefer not to answer | 3,939 (7.8) |
| Deprivation index, n (%) |  |
| Quarter 1 | 13,032 (26) |
| Quarter 2 | 12,854 (25) |
| Quarter 3 | 12,693 (25) |
| Quarter 4 | 12,167 (24) |
| Body Mass Index, n (%) |  |
| Underweight (< 18.5 kg/m2) | 276 (0.5) |
| Normal (18.5 kg/m2 to < 25 kg/m2) | 21,530 (42) |
| Overweight (25 kg/m2 to < 30 kg/m2) | 21,121 (42) |
| Obesity Class I, II or III (> 30 kg/m2) | 7,819 (15) |
| Type II Diabetes, n (%) | 49,463 (97) |
| Depression, n (%) |  |
| Currently Depressed | 9,489 (19) |
| Not Currently Depressed | 40,137 (81) |
| Smoking, n (%) |  |
| Never | 29,712 (59) |
| Previous | 18,022 (36) |
| Current | 3,012 (5.9) |
| Alcohol, n (%) |  |
| Never | 2,332 (4.6) |
| Less than once a week | 9,087 (18) |
| Once or twice a week | 12,992 (26) |
| Three or four times a week | 14,462 (28) |
| Daily or almost daily | 11,873 (23) |
| Processed meat, n (%) |  |
| Less than 2 times a week | 36,470 (72) |
| 2-4 times a week | 12,584 (25) |
| More than 4 times a week | 1,692 (3.3) |
| Red meat, n (%) |  |
| Less than 2 times a week | 9,137 (18) |
| 2-4 times a week | 17,353 (34) |
| More than 4 times a week | 24,256 (48) |
| Oily fish, n (%) |  |
| Less than 2 times a week | 40,940 (81) |
| 2-4 times a week | 9,344 (18) |
| More than 4 times a week | 462 (0.9) |
| Non-oily fish, n (%) |  |
| Less than 2 times a week | 42,572 (84) |
| 2-4 times a week | 7,925 (16) |
| More than 4 times a week | 249 (0.5) |
| Fresh fruit, n (%) |  |
| Less than 2 servings a day | 14,822 (29) |
| Between 2 and 4 servings a day | 31,663 (62) |
| More than 4 servings a day | 4,261 (8.4) |
| Cooked vegetables, n (%) |  |
| Less than 2 servings a day | 7,737 (15) |
| Between 2 and 4 servings a day | 37,838 (75) |
| More than 4 servings a day | 5,171 (10) |
| Greenspace 300m from residence, Median | 0.2 |
| Water 300m from residence, Median | 30.0 |
| Natural env. 300m from residence, Median | 19.9 |