## Table 2.1. Distribution of participant characteristics by MVPA - Including PA4

| Baseline Characteristics | **Had CVD**  N = 3,202 | **Never had CVD**  N = 87,044 |
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| Follow up time in months, Median (Q1, Q3) | 47.2 (17.2, 72.9) | 96.9 (90.3, 103.0) |
| Follow up time in months for self-reported PA, Median (Q1, Q3) | 115.5 (86.6, 142.0) | 165.1 (156.9, 173.2) |
| MVPA min/week - ENMO, Median (Q1, Q3) | 375.9 (236.5, 535.7) | 467.0 (322.8, 644.9) |
| MVPA min/week - Machine learning, Median (Q1, Q3) | 196.6 (81.5, 358.0) | 235.1 (116.0, 405.7) |
| MVPA min/week - Activity count, Median (Q1, Q3) | 449.0 (268.1, 698.1) | 591.1 (376.8, 858.0) |
| MVPA min/week - Self-report (IPAQ), Median (Q1, Q3) | 385.0 (105.0, 735.0) | 385.0 (140.0, 665.0) |
| Myocardial infarction, n (%) | 2,016 (63) | 0 (0) |
| Stroke, n (%) | 1,283 (40) | 0 (0) |
| Age, Median (Q1, Q3) | 67.7 (62.7, 71.5) | 63.0 (55.9, 68.3) |
| Race, n (%) |  |  |
| Non-white | 83 (2.6) | 2,596 (3.0) |
| White | 3,119 (97) | 84,448 (97) |
| Sex, n (%) |  |  |
| Female | 1,201 (38) | 50,525 (58) |
| Male | 2,001 (62) | 36,519 (42) |
| Education, n (%) |  |  |
| None of the above | 423 (13) | 6,695 (7.7) |
| O levels/GCSEs or equivalent, CSEs or equivalent | 786 (25) | 21,331 (25) |
| A levels/AS, NVQ/HND/HNC or equivalent | 822 (26) | 20,498 (24) |
| College or University degree | 1,171 (37) | 38,520 (44) |
| Household income GBP, n (%) |  |  |
| Less than 18,000 | 620 (19) | 10,964 (13) |
| 18,000 to 30,999 | 818 (26) | 18,849 (22) |
| 31,000 to 51,999 | 819 (26) | 22,846 (26) |
| 52,000 to 100,000 | 518 (16) | 20,376 (23) |
| Greater than 100,000 | 117 (3.7) | 5,956 (6.8) |
| Do not know/Prefer not to answer | 310 (9.7) | 8,053 (9.3) |
| Deprivation index, Median (Q1, Q3) | -2.5 (-3.8, -0.3) | -2.5 (-3.8, -0.2) |
| Smoking, n (%) |  |  |
| Never | 1,529 (48) | 50,572 (58) |
| Previously | 1,369 (43) | 30,697 (35) |
| Currently | 304 (9.5) | 5,775 (6.6) |
| Alcohol consumption, n (%) |  |  |
| Never | 227 (7.1) | 4,733 (5.4) |
| Less than once a week | 637 (20) | 17,608 (20) |
| Once or twice a week | 765 (24) | 21,932 (25) |
| Three or four times a week | 793 (25) | 22,838 (26) |
| Daily or almost daily | 780 (24) | 19,933 (23) |
| Processed meat, n (%) |  |  |
| Less than 2 times a week | 2,136 (67) | 62,132 (71) |
| 2-4 times a week | 930 (29) | 21,852 (25) |
| More than 4 times a week | 136 (4.2) | 3,060 (3.5) |
| Red meat, n (%) |  |  |
| Less than 2 times a week | 435 (14) | 15,860 (18) |
| 2-4 times a week | 1,119 (35) | 29,482 (34) |
| More than 4 times a week | 1,648 (51) | 41,702 (48) |
| Oily fish, n (%) |  |  |
| Less than 2 times a week | 2,525 (79) | 72,009 (83) |
| 2-4 times a week | 647 (20) | 14,344 (16) |
| More than 4 times a week | 30 (0.9) | 691 (0.8) |
| Non-oily fish, n (%) |  |  |
| Less than 2 times a week | 2,685 (84) | 73,855 (85) |
| 2-4 times a week | 505 (16) | 12,777 (15) |
| More than 4 times a week | 12 (0.4) | 412 (0.5) |
| Fresh fruit, n (%) |  |  |
| Less than 2 servings a day | 1,142 (36) | 28,319 (33) |
| Between 2 and 4 servings a day | 1,834 (57) | 52,209 (60) |
| More than 4 servings a day | 226 (7.1) | 6,516 (7.5) |
| Cooked vegetables, n (%) |  |  |
| Less than 2 servings a day | 506 (16) | 14,865 (17) |
| Between 2 and 4 servings a day | 2,367 (74) | 64,100 (74) |
| More than 4 servings a day | 329 (10) | 8,079 (9.3) |