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

| Baseline Characteristics | **Had CVD**  N = 3,051 | **Never had CVD**  N = 84,225 |
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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) | 115.2 (86.6, 141.8) | 165.2 (156.9, 173.2) |
| MVPA min/week - ENMO, Median (Q1, Q3) | 375.2 (235.7, 531.4) | 465.2 (321.4, 641.4) |
| MVPA min/week - Machine learning, Median (Q1, Q3) | 195.6 (81.5, 356.6) | 234.1 (115.4, 402.5) |
| MVPA min/week - Activity count, Median (Q1, Q3) | 447.9 (267.4, 689.6) | 589.2 (376.3, 854.2) |
| MVPA min/week - Self-report (IPAQ), Median (Q1, Q3) | 350.0 (105.0, 630.0) | 350.0 (140.0, 630.0) |
| Myocardial infarction, n (%) | 1,917 (63) | 0 (0) |
| Stroke, n (%) | 1,227 (40) | 0 (0) |
| Age, Median (Q1, Q3) | 67.6 (62.6, 71.5) | 63.0 (55.9, 68.2) |
| Race, n (%) |  |  |
| Non-white | 80 (2.6) | 2,510 (3.0) |
| White | 2,971 (97) | 81,715 (97) |
| Sex, n (%) |  |  |
| Female | 1,160 (38) | 49,211 (58) |
| Male | 1,891 (62) | 35,014 (42) |
| Education, n (%) |  |  |
| None of the above | 384 (13) | 6,299 (7.5) |
| O levels/GCSEs or equivalent, CSEs or equivalent | 747 (24) | 20,427 (24) |
| A levels/AS, NVQ/HND/HNC or equivalent | 781 (26) | 19,749 (23) |
| College or University degree | 1,139 (37) | 37,750 (45) |
| Household income GBP, n (%) |  |  |
| Less than 18,000 | 587 (19) | 10,447 (12) |
| 18,000 to 30,999 | 764 (25) | 17,979 (21) |
| 31,000 to 51,999 | 779 (26) | 22,170 (26) |
| 52,000 to 100,000 | 508 (17) | 20,004 (24) |
| Greater than 100,000 | 115 (3.8) | 5,885 (7.0) |
| Do not know/Prefer not to answer | 298 (9.8) | 7,740 (9.2) |
| Deprivation index, Median (Q1, Q3) | -2.5 (-3.8, -0.3) | -2.5 (-3.8, -0.2) |
| Smoking, n (%) |  |  |
| Never | 1,468 (48) | 49,094 (58) |
| Previously | 1,296 (42) | 29,590 (35) |
| Currently | 287 (9.4) | 5,541 (6.6) |
| Alcohol consumption, n (%) |  |  |
| Never | 212 (6.9) | 4,553 (5.4) |
| Less than once a week | 613 (20) | 17,005 (20) |
| Once or twice a week | 732 (24) | 21,230 (25) |
| Three or four times a week | 748 (25) | 22,205 (26) |
| Daily or almost daily | 746 (24) | 19,232 (23) |
| Processed meat, n (%) |  |  |
| Less than 2 times a week | 2,048 (67) | 60,175 (71) |
| 2-4 times a week | 876 (29) | 21,109 (25) |
| More than 4 times a week | 127 (4.2) | 2,941 (3.5) |
| Red meat, n (%) |  |  |
| Less than 2 times a week | 412 (14) | 15,289 (18) |
| 2-4 times a week | 1,073 (35) | 28,552 (34) |
| More than 4 times a week | 1,566 (51) | 40,384 (48) |
| Oily fish, n (%) |  |  |
| Less than 2 times a week | 2,408 (79) | 69,752 (83) |
| 2-4 times a week | 614 (20) | 13,812 (16) |
| More than 4 times a week | 29 (1.0) | 661 (0.8) |
| Non-oily fish, n (%) |  |  |
| Less than 2 times a week | 2,557 (84) | 71,543 (85) |
| 2-4 times a week | 482 (16) | 12,288 (15) |
| More than 4 times a week | 12 (0.4) | 394 (0.5) |
| Fresh fruit, n (%) |  |  |
| Less than 2 servings a day | 1,088 (36) | 27,428 (33) |
| Between 2 and 4 servings a day | 1,751 (57) | 50,549 (60) |
| More than 4 servings a day | 212 (6.9) | 6,248 (7.4) |
| Cooked vegetables, n (%) |  |  |
| Less than 2 servings a day | 486 (16) | 14,429 (17) |
| Between 2 and 4 servings a day | 2,257 (74) | 62,121 (74) |
| More than 4 servings a day | 308 (10) | 7,675 (9.1) |