Table 1. Baseline characteristics of samples from each database that have at least one year of data.

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|  | Pharmetrics+ (N=5,099,557) | All of Us (N=159,721) | IMRD-EMIS (N=832,455) | IMRD-THIN (N=3,036,003) | UK BioBank (N=207,202) |
| --- | --- | --- | --- | --- | --- |
| **Sex (at birth)** |  |  |  |  |  |
| Female | 2,735,536 (53.6%) | 97,658 (61.1%) | 418,408 (50.3%) | 1,598,166 (52.6%) | 114,384 (55.2%) |
| Male | 2,364,021 (46.4%) | 62,063 (38.9%) | 414,047 (49.7%) | 1,437,837 (47.4%) | 92,818 (44.8%) |
| **Age (years)** |  |  |  |  |  |
| [40,45) | 596,638 (11.7%) | 14,626 (9.2%) | 105,426 (12.7%) | 353,147 (11.6%) | 12,939 (6.2%) |
| [45,50) | 610,663 (12.0%) | 15,913 (10.0%) | 105,775 (12.7%) | 390,736 (12.9%) | 25,688 (12.4%) |
| [50,55) | 657,697 (12.9%) | 19,613 (12.3%) | 109,520 (13.2%) | 395,711 (13.0%) | 30,010 (14.5%) |
| [55,60) | 702,585 (13.8%) | 23,709 (14.8%) | 99,193 (11.9%) | 359,165 (11.8%) | 35,548 (17.2%) |
| [60,65) | 698,925 (13.7%) | 23,922 (15.0%) | 89,493 (10.8%) | 336,935 (11.1%) | 48,759 (23.5%) |
| [65,70) | 574,070 (11.3%) | 22,783 (14.3%) | 83,563 (10.0%) | 328,897 (10.8%) | 43,159 (20.8%) |
| [70,75) | 439,984 (8.6%) | 19,039 (11.9%) | 73,321 (8.8%) | 271,880 (9.0%) | 11,099 (5.4%) |
| [75,80) | 335,448 (6.6%) | 11,535 (7.2%) | 60,635 (7.3%) | 223,491 (7.4%) | 0 (0%) |
| [80,120] | 483,547 (9.5%) | 8,581 (5.4%) | 105,529 (12.7%) | 376,041 (12.4%) | 0 (0%) |
| **eFI Frailty Category** |  |  |  |  |  |
| frail | 103,721 (2.0%) | 5,333 (3.3%) | 3,886 (0.5%) | 3,097 (0.1%) | 283 (0.1%) |
| prefrail | 536,434 (10.5%) | 22,499 (14.1%) | 45,259 (5.4%) | 95,111 (3.1%) | 7,061 (3.4%) |
| robust | 4,459,402 (87.4%) | 131,889 (82.6%) | 783,310 (94.1%) | 2,937,795 (96.8%) | 199,858 (96.5%) |
| **VAFI Frailty Category** |  |  |  |  |  |
| frail | 497,290 (9.8%) | 19,034 (11.9%) | 753 (0.1%) | 129 (0.0%) | 69 (0.0%) |
| prefrail | 892,252 (17.5%) | 29,982 (18.8%) | 16,016 (1.9%) | 8,114 (0.3%) | 1,541 (0.7%) |
| robust | 3,710,015 (72.8%) | 110,705 (69.3%) | 815,686 (98.0%) | 3,027,760 (99.7%) | 205,592 (99.2%) |