# Supplementary Information

## Pilot study

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| |  | **Male** | | **Female** | | **Dimorphism** | | | --- | --- | --- | --- | --- | --- | --- | | **Variable** | **N** | **Mean (SD)**1 | **N** | **Mean (SD)**1 | **Ratio** | **SMD**2 | | **Age at first sex (years)** | 1,566 | 17.29 (3.90) | 1,575 | 17.45 (3.46) | 0.99 | -0.05 | | **Lifetime number of sexual partners** | 1,684 | 12.03 (15.10) | 1,654 | 7.31 (8.88) | 1.65 | 0.38 | | **Past year number of sexual partners** | 1,631 | 1.41 (2.30) | 1,606 | 1.02 (1.00) | 1.38 | 0.22 | | **Combined Grip Strength (kg)** | 1,596 | 93.29 (17.00) | 1,526 | 59.28 (10.35) | 1.57 | 2.42 | | **Age (Years)** | 1,684 | 38.39 (12.85) | 1,654 | 39.19 (12.54) | 0.98 | -0.06 | | **Body mass index (kg/m^2)** | 1,675 | 28.34 (6.05) | 1,633 | 28.99 (7.62) | 0.98 | -0.09 | | **Height (cm)** | 1,677 | 176.40 (7.58) | 1,636 | 163.05 (7.08) | 1.08 | 1.82 | | **Weight (kg)** | 1,675 | 88.31 (20.25) | 1,633 | 77.04 (20.80) | 1.15 | 0.55 | | **White blood cell count (1000 cells/µL)** | 1,628 | 6.92 (2.02) | 1,600 | 7.22 (2.11) | 0.96 | -0.14 | | **Hemoglobin (g/dL)** | 1,628 | 15.13 (1.08) | 1,600 | 13.28 (1.16) | 1.14 | 1.65 | | **Testosterone (ng/dL)** | 1,571 | 410.86 (171.16) | 1,536 | 26.02 (24.08) | 15.79 | 3.15 | | **Chronic Disease Score (0-6)** | 1,529 | 0.40 (0.65) | 1,515 | 0.56 (0.82) | 0.71 | -0.22 | | **Disease Impairment Score (0-5)** | 1,684 | 0.19 (0.67) | 1,654 | 0.28 (0.85) | 0.68 | -0.12 | | **Depression Score (0-27)** | 1,678 | 2.67 (4.01) | 1,650 | 3.47 (4.52) | 0.77 | -0.19 | | **Dietary energy intake (kcals)** | 1,435 | 2,545.36 (844.86) | 1,466 | 1,850.41 (614.10) |  | 0.94 | | **Dietary protein intake (grams)** | 1,435 | 99.54 (36.89) | 1,466 | 69.82 (25.59) | 1.43 | 0.94 | | **Food Insecurity Rating (1-4)** | 1,680 | 1.53 (0.96) | 1,650 | 1.58 (0.99) | 0.97 | -0.05 | | **Total MET** | 1,676 | 89.20 (115.46) | 1,651 | 42.38 (67.20) | 2.10 | 0.50 | | **Partnered** | 1,537 | 880 (59%) | 1,521 | 828 (61%) |  |  | | **Education** |  |  |  |  |  |  | | 1 | 1,684 | 90 (3.9%) | 1,654 | 70 (3.0%) |  |  | | 2 | 1,684 | 269 (12%) | 1,654 | 225 (9.9%) |  |  | | 3 | 1,684 | 388 (23%) | 1,654 | 303 (17%) |  |  | | 4 | 1,684 | 521 (32%) | 1,654 | 581 (36%) |  |  | | 5 | 1,684 | 416 (29%) | 1,654 | 475 (35%) |  |  | | **Race and Ethnicity** |  |  |  |  |  |  | | MexicanAmerican | 1,684 | 204 (9.9%) | 1,654 | 173 (8.2%) |  |  | | OtherHispanic | 1,684 | 154 (6.7%) | 1,654 | 179 (7.2%) |  |  | | NonHispanicWhite | 1,684 | 615 (65%) | 1,654 | 559 (64%) |  |  | | NonHispanicBlack | 1,684 | 403 (10%) | 1,654 | 479 (14%) |  |  | | NonHispanicAsian | 1,684 | 240 (4.8%) | 1,654 | 212 (4.6%) |  |  | | OtherRace | 1,684 | 68 (2.8%) | 1,654 | 52 (2.7%) |  |  | | **Perceived abnormal weight** | 1,677 | 807 (51%) | 1,650 | 1,062 (65%) |  |  | | **Special equipment needed to walk** | 1,537 | 62 (2.6%) | 1,521 | 90 (4.5%) |  |  | | **Work involves vigorous activity** | 1,684 | 459 (31%) | 1,654 | 174 (12%) |  |  | | **Work involves moderate activity** | 1,684 | 676 (44%) | 1,654 | 494 (34%) |  |  | | **Recreation involves vigorous activity** | 1,684 | 639 (37%) | 1,654 | 386 (25%) |  |  | | **Recreation involves moderate activity** | 1,684 | 758 (49%) | 1,654 | 756 (51%) |  |  | | 1Weighted means and standard deviations shown for continuous variables, unweighted n (%) for categorical variables | | | | | | | | 2Standardized Mean Difference | | | | | | |   Table S1: Descriptive statistics of pilot study sample. |

### Models of mating success with anthropometric, socioeconomic, health, hormone, and physical activity controls

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| --- |
| Figure S1: Coefficients from all models. |

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### The negative association of numbers of lifetime sexual partners on partnered status

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| --- |
| Figure S2: The adjusted odds ratios of numbers of lifetime partners on partnered status. In these models, lifetime partners was divided by 10, the interquartile range. |

### Correlation matrices of study variables

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| Figure S3: Correlation matrix of study variables (both sexes). Rows and columns ordered by hierarchical clustering. |

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| --- |
| Figure S4: Correlation matrix of study variables for females only. Rows and columns ordered by hierarchical clustering. |

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| --- |
| Figure S5: Correlation matrix of study variables for males only. Rows and columns ordered by hierarchical clustering. |

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### Regression tables

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  | Anthropometric | Socioeconomic | Health | Activity | Hormone | | --- | --- | --- | --- | --- | --- | | (Intercept) | 2.712 | 2.611 | 2.685 | 2.674 | 2.706 | |  | (0.072) | (0.095) | (0.100) | (0.075) | (0.070) | | age\_centered | 0.535 | 0.472 | 0.482 | 0.530 | 0.539 | |  | (0.086) | (0.090) | (0.095) | (0.081) | (0.093) | | sexfemale | -0.442 | -0.454 | -0.480 | -0.447 | -0.444 | |  | (0.057) | (0.058) | (0.084) | (0.060) | (0.059) | | strength\_centered | 0.505 | 0.439 | 0.515 | 0.479 | 0.486 | |  | (0.082) | (0.078) | (0.077) | (0.077) | (0.078) | | partneredTRUE | -0.455 | -0.414 | -0.414 | -0.453 | -0.440 | |  | (0.079) | (0.078) | (0.085) | (0.078) | (0.077) | | bmi\_centered | -0.161 |  |  |  |  | |  | (0.100) |  |  |  |  | | age\_centered × sexfemale | -0.370 | -0.354 | -0.359 | -0.374 | -0.381 | |  | (0.084) | (0.080) | (0.083) | (0.080) | (0.087) | | sexfemale × strength\_centered | -0.383 | -0.388 | -0.391 | -0.389 | -0.398 | |  | (0.128) | (0.118) | (0.109) | (0.119) | (0.115) | | sexfemale × bmi\_centered | 0.016 |  |  |  |  | |  | (0.119) |  |  |  |  | | edu |  | -0.033 |  |  |  | |  |  | (0.022) |  |  |  | | raceOtherHispanic |  | 0.303 |  |  |  | |  |  | (0.098) |  |  |  | | raceNonHispanicWhite |  | 0.224 |  |  |  | |  |  | (0.071) |  |  |  | | raceNonHispanicBlack |  | 0.364 |  |  |  | |  |  | (0.078) |  |  |  | | raceNonHispanicAsian |  | -0.363 |  |  |  | |  |  | (0.105) |  |  |  | | raceOtherRace |  | 0.368 |  |  |  | |  |  | (0.157) |  |  |  | | perceived\_abnormal\_weightTRUE |  |  | -0.107 |  |  | |  |  |  | (0.048) |  |  | | whitebloodcell\_centered |  |  | 0.053 |  |  | |  |  |  | (0.038) |  |  | | hemoglobin\_centered |  |  | -0.030 |  |  | |  |  |  | (0.056) |  |  | | special\_equipmentTRUE |  |  | 0.107 |  |  | |  |  |  | (0.136) |  |  | | chronic\_disease\_score |  |  | 0.062 |  |  | |  |  |  | (0.037) |  |  | | physical\_disease\_count |  |  | 0.024 |  |  | |  |  |  | (0.053) |  |  | | depression |  |  | 0.015 |  |  | |  |  |  | (0.007) |  |  | | vigorous\_rec |  |  |  | 0.071 |  | |  |  |  |  | (0.060) |  | | moderate\_rec |  |  |  | 0.075 |  | |  |  |  |  | (0.054) |  | | vigorous\_work |  |  |  | 0.020 |  | |  |  |  |  | (0.061) |  | | moderate\_work |  |  |  | -0.060 |  | |  |  |  |  | (0.070) |  | | testosterone\_sex\_centered |  |  |  |  | 0.212 | |  |  |  |  |  | (0.072) | | sexfemale × testosterone\_sex\_centered |  |  |  |  | -0.082 | |  |  |  |  |  | (0.158) | | Num.Obs. | 2837 | 2853 | 2742 | 2853 | 2673 |   Table S2: Quasi-Poisson Regression Models of Lifetime Number of Sexual Partners |

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| |  | Anthropometric | Socioeconomic | Health | Activity | Hormone | | --- | --- | --- | --- | --- | --- | | (Intercept) | 0.399 | 0.524 | 0.445 | 0.403 | 0.399 | |  | (0.065) | (0.144) | (0.084) | (0.085) | (0.071) | | age\_centered | -0.385 | -0.458 | -0.469 | -0.456 | -0.453 | |  | (0.155) | (0.166) | (0.182) | (0.167) | (0.195) | | sexfemale | -0.291 | -0.303 | -0.313 | -0.296 | -0.307 | |  | (0.047) | (0.047) | (0.059) | (0.052) | (0.051) | | strength\_centered | 0.298 | 0.228 | 0.255 | 0.267 | 0.228 | |  | (0.183) | (0.180) | (0.189) | (0.174) | (0.195) | | partneredTRUE | -0.207 | -0.172 | -0.177 | -0.217 | -0.190 | |  | (0.058) | (0.065) | (0.063) | (0.058) | (0.062) | | bmi\_centered | -0.357 |  |  |  |  | |  | (0.124) |  |  |  |  | | age\_centered × sexfemale | 0.009 | 0.073 | 0.083 | 0.072 | 0.042 | |  | (0.140) | (0.145) | (0.142) | (0.143) | (0.182) | | sexfemale × strength\_centered | -0.110 | -0.071 | -0.044 | -0.069 | -0.017 | |  | (0.124) | (0.117) | (0.118) | (0.117) | (0.125) | | strength\_centered × partneredTRUE | -0.229 | -0.227 | -0.243 | -0.261 | -0.262 | |  | (0.134) | (0.144) | (0.148) | (0.139) | (0.149) | | sexfemale × bmi\_centered | 0.327 |  |  |  |  | |  | (0.119) |  |  |  |  | | edu |  | -0.068 |  |  |  | |  |  | (0.034) |  |  |  | | raceOtherHispanic |  | 0.255 |  |  |  | |  |  | (0.145) |  |  |  | | raceNonHispanicWhite |  | 0.081 |  |  |  | |  |  | (0.117) |  |  |  | | raceNonHispanicBlack |  | 0.351 |  |  |  | |  |  | (0.127) |  |  |  | | raceNonHispanicAsian |  | -0.048 |  |  |  | |  |  | (0.129) |  |  |  | | raceOtherRace |  | 0.294 |  |  |  | |  |  | (0.183) |  |  |  | | perceived\_abnormal\_weightTRUE |  |  | -0.175 |  |  | |  |  |  | (0.063) |  |  | | whitebloodcell\_centered |  |  | 0.107 |  |  | |  |  |  | (0.056) |  |  | | hemoglobin\_centered |  |  | -0.020 |  |  | |  |  |  | (0.050) |  |  | | special\_equipmentTRUE |  |  | 0.015 |  |  | |  |  |  | (0.192) |  |  | | chronic\_disease\_score |  |  | 0.084 |  |  | |  |  |  | (0.084) |  |  | | physical\_disease\_count |  |  | -0.007 |  |  | |  |  |  | (0.046) |  |  | | depression |  |  | 0.003 |  |  | |  |  |  | (0.009) |  |  | | vigorous\_rec |  |  |  | -0.012 |  | |  |  |  |  | (0.089) |  | | moderate\_rec |  |  |  | 0.079 |  | |  |  |  |  | (0.091) |  | | vigorous\_work |  |  |  | 0.153 |  | |  |  |  |  | (0.073) |  | | moderate\_work |  |  |  | -0.162 |  | |  |  |  |  | (0.069) |  | | testosterone\_sex\_centered |  |  |  |  | 0.103 | |  |  |  |  |  | (0.184) | | sexfemale × testosterone\_sex\_centered |  |  |  |  | -0.069 | |  |  |  |  |  | (0.183) | | Num.Obs. | 2748 | 2763 | 2656 | 2763 | 2591 |   Table S3: Quasi-Poisson Regression Models of Past Year Number of Sexual Partners |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | Anthropometric | Socioeconomic | Health | Activity | Hormone | | --- | --- | --- | --- | --- | --- | | (Intercept) | 17.202 | 15.676 | 17.718 | 17.143 | 17.217 | |  | (0.179) | (0.282) | (0.189) | (0.212) | (0.179) | | age\_centered | 0.753 | 0.899 | 0.884 | 0.700 | 0.587 | |  | (0.235) | (0.250) | (0.262) | (0.245) | (0.248) | | sexfemale | 0.069 | 0.008 | 0.228 | -0.044 | 0.054 | |  | (0.127) | (0.126) | (0.225) | (0.132) | (0.121) | | strength\_centered | -0.652 | -0.420 | -0.818 | -0.692 | -0.686 | |  | (0.248) | (0.251) | (0.252) | (0.257) | (0.244) | | partneredTRUE | 0.298 | 0.050 | 0.126 | 0.284 | 0.280 | |  | (0.212) | (0.188) | (0.194) | (0.205) | (0.212) | | bmi\_centered | -0.420 |  |  |  |  | |  | (0.366) |  |  |  |  | | age\_centered × sexfemale | 0.240 | 0.247 | 0.260 | 0.270 | 0.382 | |  | (0.288) | (0.275) | (0.270) | (0.296) | (0.304) | | sexfemale × strength\_centered | 0.367 | 0.310 | 0.445 | 0.354 | 0.419 | |  | (0.424) | (0.359) | (0.392) | (0.392) | (0.405) | | sexfemale × bmi\_centered | 0.324 |  |  |  |  | |  | (0.432) |  |  |  |  | | raceOtherHispanic |  | -0.646 |  |  |  | |  |  | (0.295) |  |  |  | | raceNonHispanicWhite |  | -1.038 |  |  |  | |  |  | (0.199) |  |  |  | | raceNonHispanicBlack |  | -1.494 |  |  |  | |  |  | (0.231) |  |  |  | | raceNonHispanicAsian |  | 3.020 |  |  |  | |  |  | (0.301) |  |  |  | | raceOtherRace |  | -1.373 |  |  |  | |  |  | (0.319) |  |  |  | | edu |  | 0.649 |  |  |  | |  |  | (0.076) |  |  |  | | perceived\_abnormal\_weightTRUE |  |  | -0.015 |  |  | |  |  |  | (0.212) |  |  | | whitebloodcell\_centered |  |  | -0.611 |  |  | |  |  |  | (0.194) |  |  | | hemoglobin\_centered |  |  | -0.018 |  |  | |  |  |  | (0.255) |  |  | | special\_equipmentTRUE |  |  | 0.493 |  |  | |  |  |  | (0.581) |  |  | | chronic\_disease\_score |  |  | -0.414 |  |  | |  |  |  | (0.127) |  |  | | physical\_disease\_count |  |  | -0.011 |  |  | |  |  |  | (0.275) |  |  | | depression |  |  | -0.090 |  |  | |  |  |  | (0.032) |  |  | | vigorous\_rec |  |  |  | 0.072 |  | |  |  |  |  | (0.223) |  | | moderate\_rec |  |  |  | 0.410 |  | |  |  |  |  | (0.173) |  | | vigorous\_work |  |  |  | -0.626 |  | |  |  |  |  | (0.252) |  | | moderate\_work |  |  |  | 0.085 |  | |  |  |  |  | (0.243) |  | | testosterone\_sex\_centered |  |  |  |  | -0.536 | |  |  |  |  |  | (0.214) | | sexfemale × testosterone\_sex\_centered |  |  |  |  | 0.442 | |  |  |  |  |  | (0.264) | | Num.Obs. | 2702 | 2718 | 2619 | 2718 | 2557 |   Table S4: Gaussian Regression Models of Age at First Sex |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | Anthropometric | Socioeconomic | Health | Activity | Hormone | | --- | --- | --- | --- | --- | --- | | (Intercept) | 0.774 | 1.139 | 0.743 | 0.726 | 0.774 | |  | (0.118) | (0.240) | (0.200) | (0.120) | (0.123) | | sex\_partners\_scaled | -0.322 | -0.296 | -0.294 | -0.322 | -0.315 | |  | (0.054) | (0.054) | (0.054) | (0.052) | (0.054) | | age\_centered | 1.518 | 1.594 | 1.588 | 1.497 | 1.446 | |  | (0.300) | (0.316) | (0.329) | (0.287) | (0.291) | | sexfemale | -0.093 | -0.048 | -0.102 | -0.129 | -0.079 | |  | (0.092) | (0.099) | (0.143) | (0.086) | (0.100) | | strength\_centered | 1.017 | 1.115 | 0.979 | 1.023 | 1.097 | |  | (0.136) | (0.154) | (0.141) | (0.139) | (0.141) | | bmi\_centered | 0.131 |  |  |  |  | |  | (0.142) |  |  |  |  | | age\_centered × sexfemale | -0.899 | -0.951 | -1.004 | -0.938 | -0.818 | |  | (0.277) | (0.290) | (0.301) | (0.270) | (0.256) | | sexfemale × strength\_centered | -0.703 | -0.686 | -0.730 | -0.743 | -0.818 | |  | (0.164) | (0.154) | (0.198) | (0.149) | (0.172) | | sexfemale × bmi\_centered | -0.264 |  |  |  |  | |  | (0.235) |  |  |  |  | | edu |  | 0.075 |  |  |  | |  |  | (0.069) |  |  |  | | raceOtherHispanic |  | -0.686 |  |  |  | |  |  | (0.183) |  |  |  | | raceNonHispanicWhite |  | -0.640 |  |  |  | |  |  | (0.186) |  |  |  | | raceNonHispanicBlack |  | -1.603 |  |  |  | |  |  | (0.206) |  |  |  | | raceNonHispanicAsian |  | -0.458 |  |  |  | |  |  | (0.218) |  |  |  | | raceOtherRace |  | -0.955 |  |  |  | |  |  | (0.315) |  |  |  | | perceived\_abnormal\_weightTRUE |  |  | 0.295 |  |  | |  |  |  | (0.144) |  |  | | whitebloodcell\_centered |  |  | -0.117 |  |  | |  |  |  | (0.104) |  |  | | hemoglobin\_centered |  |  | 0.004 |  |  | |  |  |  | (0.172) |  |  | | special\_equipmentTRUE |  |  | 0.169 |  |  | |  |  |  | (0.201) |  |  | | chronic\_disease\_score |  |  | 0.046 |  |  | |  |  |  | (0.094) |  |  | | physical\_disease\_count |  |  | -0.257 |  |  | |  |  |  | (0.077) |  |  | | depression |  |  | -0.038 |  |  | |  |  |  | (0.012) |  |  | | vigorous\_rec |  |  |  | -0.192 |  | |  |  |  |  | (0.131) |  | | moderate\_rec |  |  |  | 0.242 |  | |  |  |  |  | (0.120) |  | | vigorous\_work |  |  |  | -0.021 |  | |  |  |  |  | (0.079) |  | | moderate\_work |  |  |  | 0.027 |  | |  |  |  |  | (0.121) |  | | testosterone\_sex\_centered |  |  |  |  | -0.483 | |  |  |  |  |  | (0.139) | | sexfemale × testosterone\_sex\_centered |  |  |  |  | 0.710 | |  |  |  |  |  | (0.215) | | Num.Obs. | 2837 | 2853 | 2742 | 2853 | 2673 |   Table S5: Logistic Regression Models of Partnered Status |