

Supplementary File 2. Socio-demographic, lifestyle and anthropometric characteristic of the six identified latent classes, Longitudinal Ageing Study in India (LASI), wave-1, 2017-18.

| Predictors | Latent Class | | | | | |
|---------------------------|--------------------|--------------|---|---|---------------------|-----------------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | Relatively Healthy | Hypertension | Gastrointestinal Disorders-Hypertension-Musculoskeletal Disorders | Musculoskeletal disorders-Hypertension-Asthma | Metabolic disorders | Complex cardiometabolic disorders |
| Age (in years) | | | | | | |
| 45-49 | 9029 (75.76) | 1893 (15.88) | 654 (5.49) | 53 (0.44) | 211 (1.77) | 77 (0.64) |
| 50-54 | 6899 (69.95) | 1995 (20.23) | 574 (5.82) | 50 (0.51) | 251 (2.54) | 94 (0.95) |
| 55-59 | 5972 (65.94) | 2093 (23.11) | 558 (6.16) | 60 (0.66) | 255 (2.82) | 119 (1.31) |
| 60-64 | 5763 (62.68) | 2305 (25.07) | 623 (6.78) | 72 (0.78) | 298 (3.24) | 134 (1.45) |
| 65-69 | 4619 (57.88) | 2324 (9.12) | 566 (7.09) | 79 (0.99) | 239 (2.99) | 154 (2.49) |
| 70-74 | 2854 (55.68) | 1551 (30.26) | 388 (7.57) | 54 (1.05) | 151 (2.94) | 128 (2.49) |
| 75-79 | 1633 (54.62) | 910 (30.43) | 247 (8.26) | 42 (1.40) | 82 (2.74) | 76 (2.54) |
| 80+ | 1573 (55.27) | 844 (29.66) | 267 (9.38) | 49 (1.72) | 40 (1.41) | 73 (2.57) |
| Sex | | | | | | |
| Male | 18897 (69.03) | 5627 (20.56) | 1627 (5.94) | 233 (0.85) | 637 (2.32) | 353 (1.29) |
| Female | 19445 (61.53) | 8288 (26.23) | 2250 (7.12) | 226 (0.72) | 890 (2.82) | 502 (1.59) |
| Place of Residence | | | | | | |
| Rural | 26953 (69.62) | 7858 (20.29) | 2592 (6.70) | 304 (0.79) | 604 (1.56) | 404 (1.04) |
| Urban | 11389 (56.21) | 6057 (29.90) | 1285 (6.34) | 155 (0.77) | 923 (4.56) | 451 (1.59) |
| Religion | | | | | | |
| Hindu | 28644 (66.25) | 9890 (22.87) | 2870 (6.63) | 363 (0.84) | 880 (2.04) | 591 (1.37) |
| Muslim | 3976 (57.07) | 1907 (27.37) | 546 (7.84) | 59 (0.85) | 327 (4.69) | 153 (2.20) |
| Christian | 4145 (69.27) | 1316 (21.99) | 269 (4.49) | 25 (0.42) | 162 (2.71) | 67 (1.12) |
| Others | 1577 (56.62) | 802 (28.80) | 192 (6.89) | 12 (0.43) | 158 (5.67) | 44 (1.58) |
| Social group | | | | | | |
| Scheduled Castes | 6744 (67.72) | 2175 (21.84) | 711 (7.13) | 78 (0.78) | 145 (1.46) | 106 (1.06) |
| Scheduled Tribes | 7832 (75.68) | 1821 (17.60) | 418 (4.03) | 46 (0.44) | 163 (1.58) | 68 (0.65) |
| Other Backward Classes | 14392 (64.70) | 5329 (23.96) | 1477 (6.64) | 204 (0.92) | 540 (2.43) | 301 (1.35) |
| Others | 9374 (57.07) | 4590 (27.95) | 1271 (7.74) | 131 (0.80) | 679 (4.13) | 380 (2.31) |
| Level of Education | | | | | | |
| No education | 19080 (68.72) | 6057 (21.81) | 1825 (6.57) | 222 (0.80) | 309 (1.11) | 273 (0.98) |
| Less than 5 years | 6882 (62.80) | 2645 (24.14) | 815 (7.44) | 108 (0.99) | 317 (2.89) | 192 (1.75) |
| 5-9 years | 5956 (63.49) | 2254 (24.03) | 616 (6.57) | 72 (0.77) | 311 (3.32) | 171 (1.82) |
| 10 years or more | 6424 (59.09) | 2959 (27.22) | 621 (5.71) | 57 (0.52) | 590 (5.43) | 219 (2.01) |
| Wealth Tertile | | | | | | |
| Poor | 16734 (71.09) | 4746 (20.16) | 1328 (5.64) | 170 (0.72) | 357 (1.52) | 202 (0.85) |
| Non-poor | 21608 (60.97) | 9169 (25.87) | 2549 (7.19) | 289 (0.82) | 1170 (3.30) | 653 (1.84) |

| | | | | | | |
|--|----------------------|----------------------|--------------------|-------------------|--------------------|-------------------|
| Current Marital Status | | | | | | |
| In union | 29735 (66.93) | 9736 (21.91) | 2855 (6.43) | 321 (0.72) | 1175 (2.64) | 605 (1.36) |
| Not in union | 8607 (59.16) | 4179 (28.73) | 1022 (7.03) | 138 (0.95) | 352 (2.42) | 250 (1.72) |
| Current Working Status | | | | | | |
| Never worked | 9141 (56.72) | 4674 (29.00) | 1233 (7.65) | 123 (0.76) | 625 (3.88) | 319 (1.98) |
| Worked in past but not currently working | 8727 (56.27) | 4551 (29.34) | 1185 (7.64) | 188 (1.21) | 482 (3.11) | 377 (2.43) |
| Currently Working | 20474 (74.86) | 4690 (17.15) | 1459 (5.33) | 148 (0.54) | 420 (1.54) | 159 (0.58) |
| Tobacco Consumption | | | | | | |
| Never used Tobacco | 174 (1.23) | 9698 (68.61) | 2255 (15.95) | 242 (1.71) | 1190 (8.42) | 575 (4.07) |
| Consumed in past but not currently | 1886 (57.54) | 817 (24.92) | 280 (8.54) | 63 (1.92) | 129 (3.94) | 103 (3.14) |
| Currently Consuming | 13282 (71.56) | 3400 (18.32) | 1342 (7.23) | 154 (0.83) | 208 (1.12) | 177 (0.95) |
| Ever consumed alcohol | | | | | | |
| No | 30750 (63.59) | 11970 | 3240 (6.70) | 361 (0.75) | 1296 (2.68) | 737 (1.52) |
| Yes | 7592 (71.48) | 1945 | 637 (5.99) | 98 (0.92) | 231 (2.17) | 118 (1.11) |
| Physical Activity | | | | | | |
| Physically Active | 27730 (67.15) | 9071 | 2722 (6.59) | 285 (0.69) | 1017 (2.46) | 470 (1.13) |
| Physically Inactive | 10612 (60.02) | 4844 | 1155 (6.53) | 174 (0.98) | 510 (2.88) | 385 (2.18) |
| Body Mass Index | | | | | | |
| Underweight | 8425 (77.85) | 1533 | 634 (5.85) | 122 (1.13) | 46 (0.42) | 62 (0.57) |
| Normal | 20985 (68.74) | 6576 | 1909 (6.25) | 215 (0.70) | 526 (1.72) | 318 (1.04) |
| Overweight | 6775 (53.55) | 3977 | 925 (7.31) | 78 (0.62) | 610 (4.82) | 286 (2.26) |
| Obese | 1799 (41.86) | 1620 | 362 (8.42) | 40 (0.93) | 325 (7.56) | 152 (3.54) |
| Don't Know | 358 (53.04) | 209 | 47 (6.96) | 4 (0.59) | 20 (2.96) | 37 (5.48) |
| Waist-Hip Ratio | | | | | | |
| Low Risk | 8959 (76.16) | 1891 | 661 (5.62) | 99 (0.84) | 72 (0.61) | 81 (0.69) |
| High Risk | 29383 (62.24) | 12024 | 3216 (6.81) | 360 (0.76) | 1455 (3.08) | 774 (1.63) |
| Total | 38342 (65.01) | 13915 (23.59) | 3877 (6.57) | 459 (0.78) | 1527 (2.58) | 855 (1.45) |