Analysis Mental Health Survey

Tommy and Lina December 5, 2016

We ultimately want to be able to make conclusions like "X percent of students agree with this statement" and "X number of students in [demographic group] believe that..."

Section 1 - descriptive stats Section 2 - inference Section 3 - answers to questions Raj has

Life & Living conditions: The conditions of my life are excellent

| | Count | Proportion |
|----|-------|------------|
| 1 | 53 | 0.0073296 |
| 2 | 86 | 0.0118932 |
| 3 | 99 | 0.0136911 |
| 4 | 106 | 0.0146591 |
| 5 | 210 | 0.0290416 |
| 6 | 282 | 0.0389988 |
| 7 | 81 | 0.0112018 |
| NA | 6314 | 0.8731849 |

Life & Living conditions: I am satisfied with my life

| | Count | Proportion |
|----|-------|------------|
| 1 | 46 | 0.0063615 |
| 2 | 88 | 0.0121698 |
| 3 | 96 | 0.0132762 |
| 4 | 93 | 0.0128613 |
| 5 | 191 | 0.0264141 |
| 6 | 290 | 0.0401051 |
| 7 | 113 | 0.0156272 |
| NA | 6314 | 0.8731849 |

 $Life \ \& \ Living \ conditions: \ I \ am \ satisfied \ with \ my \ living \ conditions$

| | Count | Proportion |
|----|-------|------------|
| 1 | 52 | 0.0071913 |
| 2 | 79 | 0.0109252 |
| 3 | 103 | 0.0142442 |
| 4 | 79 | 0.0109252 |
| 5 | 192 | 0.0265523 |
| 6 | 287 | 0.0396902 |
| 7 | 125 | 0.0172867 |
| NA | 6314 | 0.8731849 |

 $Life \ \& \ Living \ conditions: Where \ I \ live, \ I \ feel \ safe$

| ' | Count | Proportion |
|----|-------|------------|
| 1 | 37 | 0.0051169 |
| 2 | 74 | 0.0102337 |
| 3 | 93 | 0.0128613 |
| 4 | 88 | 0.0121698 |
| 5 | 190 | 0.0262758 |
| 6 | 305 | 0.0421795 |
| 7 | 130 | 0.0179781 |
| NA | 6314 | 0.8731849 |

\$Health rating: Physical Health

| Count | Proportion |
|-------|--------------------------------|
| 38 | 0.0052552 |
| 123 | 0.0170101 |
| 292 | 0.0403817 |
| 359 | 0.0496474 |
| 105 | 0.0145208 |
| 6314 | 0.8731849 |
| | 38 123 292 359 105 |

\$Health rating: Mental Health

| | Count | Proportion |
|----|-------|------------|
| 1 | 89 | 0.0123081 |
| 2 | 209 | 0.0289033 |
| 3 | 287 | 0.0396902 |
| 4 | 264 | 0.0365095 |
| 5 | 67 | 0.0092657 |
| NA | 6315 | 0.8733232 |

\$Financial: Confidence in financial situation

| | Count | Proportion |
|----|-------|------------|
| 1 | 109 | 0.0150740 |
| 2 | 140 | 0.0193611 |
| 3 | 125 | 0.0172867 |
| 4 | 88 | 0.0121698 |
| 5 | 158 | 0.0218504 |
| 6 | 184 | 0.0254460 |
| 7 | 98 | 0.0135528 |
| NA | 6329 | 0.8752593 |

\$Financial: Often cut back on important spending

| | Count | Proportion |
|---|-------|------------|
| 1 | 105 | 0.0145208 |
| 2 | 112 | 0.0154889 |

| | Count | Proportion |
|----|-------|------------|
| 3 | 135 | 0.0186696 |
| 4 | 86 | 0.0118932 |
| 5 | 142 | 0.0196377 |
| 6 | 216 | 0.0298714 |
| 7 | 106 | 0.0146591 |
| NA | 6329 | 0.8752593 |

\$Financial: I have been concerned about money lately

| | Count | Proportion |
|----|-------|------------|
| 1 | 46 | 0.0063615 |
| 2 | 95 | 0.0131379 |
| 3 | 57 | 0.0078827 |
| 4 | 64 | 0.0088508 |
| 5 | 179 | 0.0247545 |
| 6 | 231 | 0.0319458 |
| 7 | 230 | 0.0318075 |
| NA | 6329 | 0.8752593 |

\$Aspects of Life: Academic life

| | Count | Proportion |
|----|-------|------------|
| 1 | 55 | 0.0076061 |
| 2 | 115 | 0.0159037 |
| 3 | 272 | 0.0376158 |
| 4 | 350 | 0.0484027 |
| 5 | 110 | 0.0152123 |
| NA | 6329 | 0.8752593 |

\$Aspects of Life: Social life

| | Count | Proportion |
|----|-------|------------|
| 1 | 66 | 0.0091274 |
| 2 | 141 | 0.0194994 |
| 3 | 289 | 0.0399668 |
| 4 | 316 | 0.0437007 |
| 5 | 90 | 0.0124464 |
| NA | 6329 | 0.8752593 |

\$Aspects of Life: Residential life

| | Count | Proportion |
|---|-------|------------|
| 1 | 52 | 0.0071913 |
| 2 | 121 | 0.0167335 |
| 3 | 305 | 0.0421795 |
| 4 | 333 | 0.0460517 |

| | Count | Proportion |
|----|-------|------------|
| 5 | 90 | 0.0124464 |
| NA | 6330 | 0.8753976 |

\$b01

| | Count | Proportion |
|----|-------|------------|
| 0 | 105 | 0.0145208 |
| 1 | 258 | 0.0356797 |
| 2 | 287 | 0.0396902 |
| 3 | 245 | 0.0338819 |
| NA | 6336 | 0.8762274 |

\$b02

| | Count | Proportion |
|----|-------|------------|
| 0 | 57 | 0.0078827 |
| 1 | 184 | 0.0254460 |
| 2 | 318 | 0.0439773 |
| 3 | 336 | 0.0464666 |
| NA | 6336 | 0.8762274 |

\$b03

| | Count | Proportion |
|----|-------|------------|
| 0 | 209 | 0.0289033 |
| 1 | 233 | 0.0322224 |
| 2 | 227 | 0.0313926 |
| 3 | 226 | 0.0312543 |
| NA | 6336 | 0.8762274 |

\$b04

| | Count | Proportion |
|----|-------|------------|
| 1 | 18 | 0.0024893 |
| 2 | 65 | 0.0089891 |
| 3 | 60 | 0.0082976 |
| 4 | 71 | 0.0098188 |
| 5 | 210 | 0.0290416 |
| 6 | 277 | 0.0383073 |
| 7 | 186 | 0.0257226 |
| NA | 6344 | 0.8773337 |

b05

| | Count | Proportion |
|---|-------|------------|
| 1 | 156 | 0.0215738 |

| | Count | Proportion |
|----|-------|------------|
| 2 | 150 | 0.0207440 |
| 3 | 99 | 0.0136911 |
| 4 | 139 | 0.0192228 |
| 5 | 169 | 0.0233716 |
| 6 | 108 | 0.0149357 |
| 7 | 66 | 0.0091274 |
| NA | 6344 | 0.8773337 |

\$b06

| | Count | Proportion |
|----|-------|------------|
| 1 | 11 | 0.0015212 |
| 2 | 5 | 0.0006915 |
| 3 | 10 | 0.0013829 |
| 4 | 37 | 0.0051169 |
| 5 | 138 | 0.0190845 |
| 6 | 307 | 0.0424561 |
| 7 | 379 | 0.0524132 |
| NA | 6344 | 0.8773337 |

\$b07

| | Count | Proportion |
|----|-------|------------|
| 1 | 44 | 0.0060849 |
| 2 | 147 | 0.0203291 |
| 3 | 168 | 0.0232333 |
| 4 | 255 | 0.0352648 |
| 5 | 147 | 0.0203291 |
| 6 | 69 | 0.0095422 |
| 7 | 57 | 0.0078827 |
| NA | 6344 | 0.8773337 |

\$b08

| | Count | Proportion |
|----|-------|------------|
| 1 | 85 | 0.0117549 |
| 2 | 108 | 0.0149357 |
| 3 | 111 | 0.0153506 |
| 4 | 268 | 0.0370626 |
| 5 | 166 | 0.0229567 |
| 6 | 126 | 0.0174250 |
| 7 | 23 | 0.0031807 |
| NA | 6344 | 0.8773337 |
| | | |

\$b09

| | Count | Proportion |
|----|-------|------------|
| 1 | 138 | 0.0190845 |
| 2 | 219 | 0.0302863 |
| 3 | 115 | 0.0159037 |
| 4 | 175 | 0.0242014 |
| 5 | 124 | 0.0171484 |
| 6 | 79 | 0.0109252 |
| 7 | 37 | 0.0051169 |
| NA | 6344 | 0.8773337 |

- [1] "gender" "ethn_shtdesc" "residency"
- [4] "residency3_code" "educ_level" "entry_status"
- [7] "status" "intro" "c02a"
- [10] "c02b" "c02c" "c02d"
- [13] "c02e" "c02f" "c02g"
- [16] "c02h" "c02gtext" "f08a"
- [19] "f08b" "f08c" "f08d"
- [22] "f08e" "f08f" "f08g"
- [25] "f09a" "f09b" "f09c"
- [28] "f09d" "f09e" "f09f"
- [31] "f09g" "f10a" "f10b" [34] "f10c" "f10d" "f10e"
- [37] "f10f" "f10g" "f11a"
- [40] "f11b" "f11c" "f11d"
- [43] "f11e" "f11f" "f11g" [46] "f12a" "f12b" "f12c"
- [49] "f12d" "f12e" "f12f"
- [52] "f12g" "f13a" "f13b"
- [55] "f13c" "f13d" "f13e"
- [58] "f13f" "f13g" "f14a"
- [61] "f14b" "f14c" "f14d"
- [64] "f14e" "f14f" "f14g" [67] "f22a" "f22b" "f22c"
- [70] "f22d" "f22e" "f22f"
- [73] "f22g" "g02text" "g04a"
- [76] "g04b" "g04c" "g04d"
- [79] "g04e" "g04f" "g04g"
- [82] "g04h" "g04i" "g04j"
- $[85] \ "g04k" \ "g04l" \ "g04m"$
- [88] "g04n" "g04o" "g04text"