

1 What explains happiness? The relationships between happiness and marriage, religion health,
2 trust, and saving

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5 Author Note

6 We thank Dr. Nese for his guidance in this project. All mistakes remain ours.

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9

Abstract

10 abstract goes here

11 *Keywords:* happiness

12 Word count: X

13 What explains happiness? The relationships between happiness and marriage, religion health,
 14 trust, and saving

15 ## [1] "Rather happy"

16 ## [2] "Very happy"

17 ## [3] "Not very happy"

18 ## [4] "Not at all happy"

19 ## [5] "No answer"

20 ## [6] "Dont know"

21 ## [7] "HT: Missing-Dropped out survey; RU: Inappropriate response{Inappropriate}"

22

| family_savings | feeling_of_happiness | n |
|---------------------------------------|----------------------|-------|
| Just get by | Not at all happy | 813 |
| Just get by | Not very happy | 4650 |
| Just get by | Rather happy | 18661 |
| Just get by | Very happy | 10545 |
| Save money | Not at all happy | 203 |
| Save money | Not very happy | 1449 |
| Save money | Rather happy | 11060 |
| Save money | Very happy | 9177 |
| Spent savings and borrowed money | Not at all happy | 400 |
| Spent savings and borrowed money | Not very happy | 1577 |
| Spent savings and borrowed money | Rather happy | 3867 |
| Spent savings and borrowed money | Very happy | 2489 |
| Spent some savings and borrowed money | Not at all happy | 207 |
| Spent some savings and borrowed money | Not very happy | 1471 |
| Spent some savings and borrowed money | Rather happy | 5853 |
| Spent some savings and borrowed money | Very happy | 3800 |

Figure 1

Happiness levels by family savings: Raw numbers

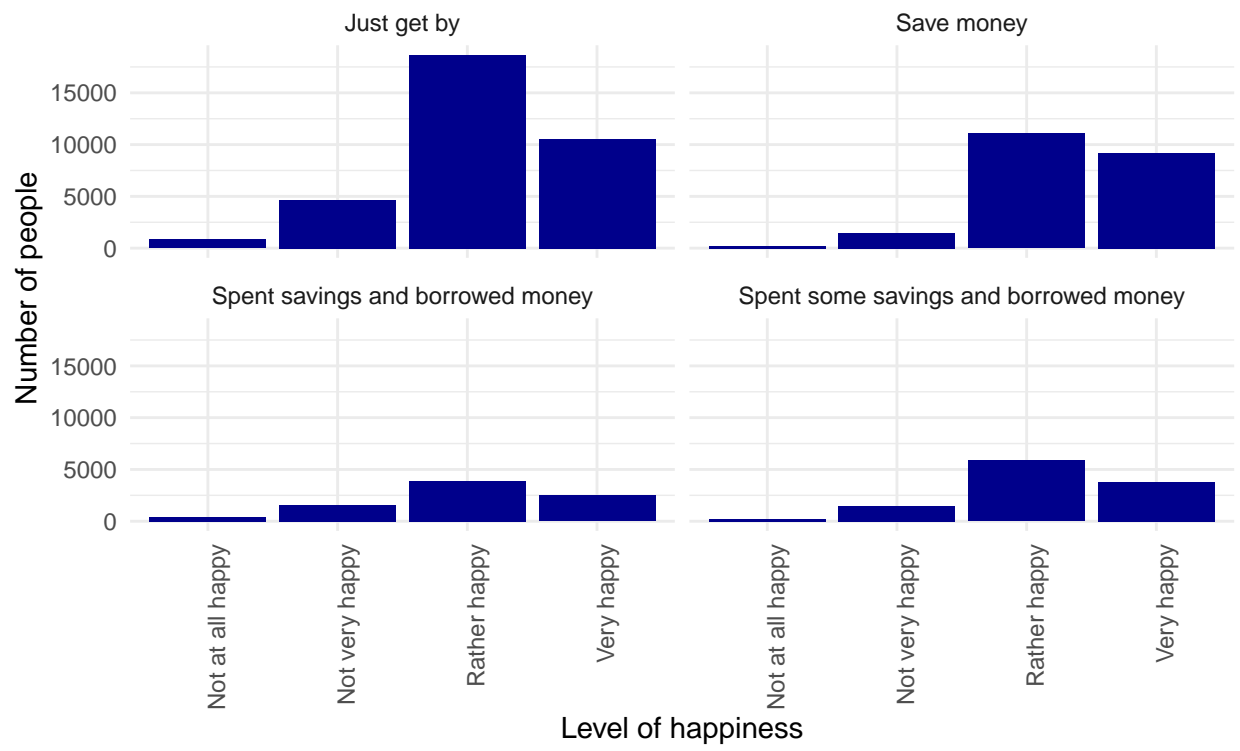
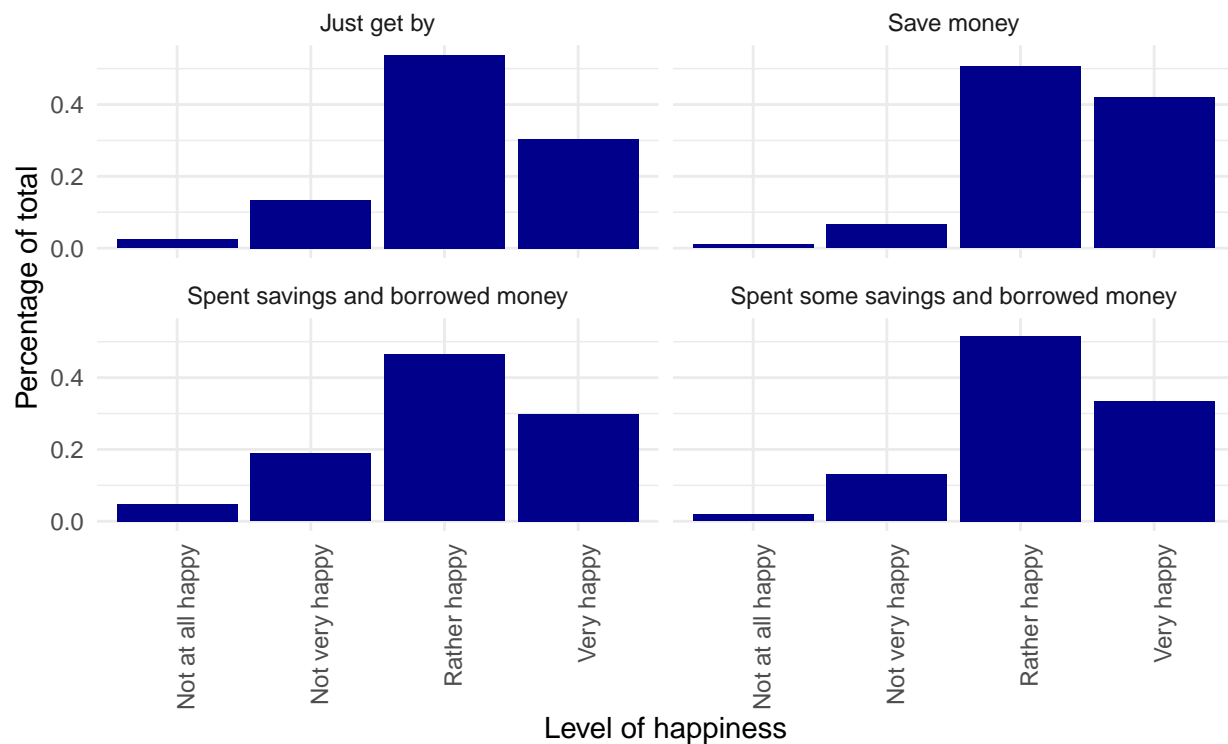


Figure 2

Happiness levels by family savings: percentage



24

25 ## # A tibble: 16 x 5

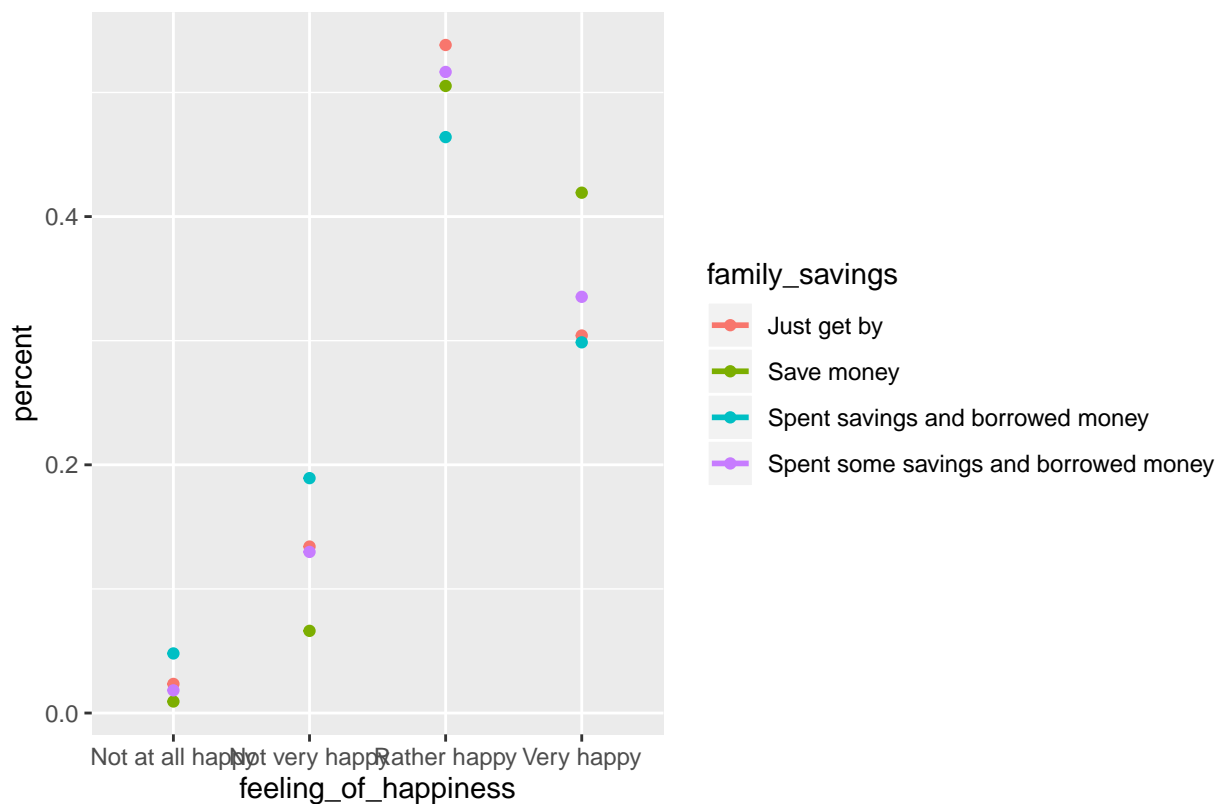
```

26 ##   family_savings      feeling_of_happine~      n total percent
27 ##   <fct>              <fct>              <int> <int>   <dbl>
28 ## 1 Save money        Not at all happy        203 21889 0.00927
29 ## 2 Spent some savings and borrowed~ Not at all happy        207 11331 0.0183
30 ## 3 Just get by        Not at all happy        813 34669 0.0235
31 ## 4 Spent savings and borrowed money Not at all happy        400  8333 0.0480
32 ## 5 Save money        Not very happy         1449 21889 0.0662
33 ## 6 Spent some savings and borrowed~ Not very happy         1471 11331 0.130
34 ## 7 Just get by        Not very happy         4650 34669 0.134
35 ## 8 Spent savings and borrowed money Not very happy         1577  8333 0.189
36 ## 9 Spent savings and borrowed money Very happy           2489  8333 0.299
37 ## 10 Just get by      Very happy           10545 34669 0.304

```

| | | | | | | |
|----|-------|----------------------------------|--------------|-------|-------|-------|
| 38 | ## 11 | Spent some savings and borrowed~ | Very happy | 3800 | 11331 | 0.335 |
| 39 | ## 12 | Save money | Very happy | 9177 | 21889 | 0.419 |
| 40 | ## 13 | Spent savings and borrowed money | Rather happy | 3867 | 8333 | 0.464 |
| 41 | ## 14 | Save money | Rather happy | 11060 | 21889 | 0.505 |
| 42 | ## 15 | Spent some savings and borrowed~ | Rather happy | 5853 | 11331 | 0.517 |
| 43 | ## 16 | Just get by | Rather happy | 18661 | 34669 | 0.538 |

Amother way of looking at happiness by family savings: percentage



44

```

45 ## List of 65
46 ## $ line :List of 6
47 ## ..$ colour : chr "black"
48 ## ..$ size : num 0.5
49 ## ..$ linetype : num 1
50 ## ..$ lineend : chr "butt"

```

```
51 ## ..$ arrow          : logi FALSE
52 ## ..$ inherit.blank: logi TRUE
53 ## ..- attr(*, "class")= chr [1:2] "element_line" "element"
54 ## $ rect              :List of 5
55 ## ..$ fill            : chr "white"
56 ## ..$ colour          : chr "black"
57 ## ..$ size            : num 0.5
58 ## ..$ linetype        : num 1
59 ## ..$ inherit.blank: logi TRUE
60 ## ..- attr(*, "class")= chr [1:2] "element_rect" "element"
61 ## $ text              :List of 11
62 ## ..$ family          : chr ""
63 ## ..$ face            : chr "plain"
64 ## ..$ colour          : chr "black"
65 ## ..$ size            : num 11
66 ## ..$ hjust           : num 0.5
67 ## ..$ vjust           : num 0.5
68 ## ..$ angle           : num 0
69 ## ..$ lineheight      : num 0.9
70 ## ..$ margin          : 'margin' num [1:4] Opt Opt Opt Opt
71 ## .. ..- attr(*, "valid.unit")= int 8
72 ## .. ..- attr(*, "unit")= chr "pt"
73 ## ..$ debug           : logi FALSE
74 ## ..$ inherit.blank: logi TRUE
75 ## ..- attr(*, "class")= chr [1:2] "element_text" "element"
76 ## $ axis.title.x      :List of 11
77 ## ..$ family          : NULL
```

```

78 ##    ..$ face           : NULL
79 ##    ..$ colour        : NULL
80 ##    ..$ size          : NULL
81 ##    ..$ hjust         : NULL
82 ##    ..$ vjust         : num 1
83 ##    ..$ angle         : NULL
84 ##    ..$ lineheight    : NULL
85 ##    ..$ margin        : 'margin' num [1:4] 2.75pt Opt Opt Opt
86 ##    .. ..- attr(*, "valid.unit")= int 8
87 ##    .. ..- attr(*, "unit")= chr "pt"
88 ##    ..$ debug         : NULL
89 ##    ..$ inherit.blank: logi TRUE
90 ##    ..- attr(*, "class")= chr [1:2] "element_text" "element"
91 ##    $ axis.title.x.top      :List of 11
92 ##    ..$ family         : NULL
93 ##    ..$ face          : NULL
94 ##    ..$ colour        : NULL
95 ##    ..$ size          : NULL
96 ##    ..$ hjust         : NULL
97 ##    ..$ vjust         : num 0
98 ##    ..$ angle         : NULL
99 ##    ..$ lineheight    : NULL
100 ##    ..$ margin        : 'margin' num [1:4] Opt Opt 2.75pt Opt
101 ##    .. ..- attr(*, "valid.unit")= int 8
102 ##    .. ..- attr(*, "unit")= chr "pt"
103 ##    ..$ debug         : NULL
104 ##    ..$ inherit.blank: logi TRUE

```



```

105 ##   ..- attr(*, "class")= chr [1:2] "element_text" "element"
106 ## $ axis.title.y           :List of 11
107 ##   ..$ family             : NULL
108 ##   ..$ face                : NULL
109 ##   ..$ colour             : NULL
110 ##   ..$ size                : NULL
111 ##   ..$ hjust               : NULL
112 ##   ..$ vjust               : num 1
113 ##   ..$ angle               : num 90
114 ##   ..$ lineheight         : NULL
115 ##   ..$ margin              : 'margin' num [1:4] Opt 2.75pt Opt Opt
116 ##   .. ..- attr(*, "valid.unit")= int 8
117 ##   .. ..- attr(*, "unit")= chr "pt"
118 ##   ..$ debug               : NULL
119 ##   ..$ inherit.blank: logi TRUE
120 ##   ..- attr(*, "class")= chr [1:2] "element_text" "element"
121 ## $ axis.title.y.right      :List of 11
122 ##   ..$ family             : NULL
123 ##   ..$ face                : NULL
124 ##   ..$ colour             : NULL
125 ##   ..$ size                : NULL
126 ##   ..$ hjust               : NULL
127 ##   ..$ vjust               : num 0
128 ##   ..$ angle               : num -90
129 ##   ..$ lineheight         : NULL
130 ##   ..$ margin              : 'margin' num [1:4] Opt Opt Opt 2.75pt
131 ##   .. ..- attr(*, "valid.unit")= int 8

```

```

132 ##    ..- attr(*, "unit")= chr "pt"
133 ##    ..$ debug          : NULL
134 ##    ..$ inherit.blank: logi TRUE
135 ##    ..- attr(*, "class")= chr [1:2] "element_text" "element"
136 ##    $ axis.text              :List of 11
137 ##    ..$ family          : NULL
138 ##    ..$ face            : NULL
139 ##    ..$ colour          : chr "grey30"
140 ##    ..$ size            : 'rel' num 0.8
141 ##    ..$ hjust           : NULL
142 ##    ..$ vjust           : NULL
143 ##    ..$ angle           : NULL
144 ##    ..$ lineheight      : NULL
145 ##    ..$ margin          : NULL
146 ##    ..$ debug          : NULL
147 ##    ..$ inherit.blank: logi TRUE
148 ##    ..- attr(*, "class")= chr [1:2] "element_text" "element"
149 ##    $ axis.text.x        :List of 11
150 ##    ..$ family          : NULL
151 ##    ..$ face            : NULL
152 ##    ..$ colour          : NULL
153 ##    ..$ size            : NULL
154 ##    ..$ hjust           : num 1
155 ##    ..$ vjust           : num 1
156 ##    ..$ angle           : num 90
157 ##    ..$ lineheight      : NULL
158 ##    ..$ margin          : 'margin' num [1:4] 2.2pt Opt Opt Opt

```

```

159 ## .. ..- attr(*, "valid.unit")= int 8
160 ## .. ..- attr(*, "unit")= chr "pt"
161 ## ..$ debug          : NULL
162 ## ..$ inherit.blank: logi FALSE
163 ## ..- attr(*, "class")= chr [1:2] "element_text" "element"
164 ## $ axis.text.x.top      :List of 11
165 ## ..$ family           : NULL
166 ## ..$ face             : NULL
167 ## ..$ colour          : NULL
168 ## ..$ size             : NULL
169 ## ..$ hjust            : NULL
170 ## ..$ vjust            : num 0
171 ## ..$ angle            : NULL
172 ## ..$ lineheight       : NULL
173 ## ..$ margin           : 'margin' num [1:4] Opt Opt 2.2pt Opt
174 ## .. ..- attr(*, "valid.unit")= int 8
175 ## .. ..- attr(*, "unit")= chr "pt"
176 ## ..$ debug           : NULL
177 ## ..$ inherit.blank: logi TRUE
178 ## ..- attr(*, "class")= chr [1:2] "element_text" "element"
179 ## $ axis.text.y         :List of 11
180 ## ..$ family           : NULL
181 ## ..$ face             : NULL
182 ## ..$ colour          : NULL
183 ## ..$ size             : NULL
184 ## ..$ hjust            : num 1
185 ## ..$ vjust            : NULL

```

```

186 ##    ..$ angle          : NULL
187 ##    ..$ lineheight     : NULL
188 ##    ..$ margin         : 'margin' num [1:4] Opt 2.2pt Opt Opt
189 ##    .. ..- attr(*, "valid.unit")= int 8
190 ##    .. ..- attr(*, "unit")= chr "pt"
191 ##    ..$ debug          : NULL
192 ##    ..$ inherit.blank: logi TRUE
193 ##    ..- attr(*, "class")= chr [1:2] "element_text" "element"
194 ##    $ axis.text.y.right      :List of 11
195 ##    ..$ family          : NULL
196 ##    ..$ face            : NULL
197 ##    ..$ colour         : NULL
198 ##    ..$ size            : NULL
199 ##    ..$ hjust           : num 0
200 ##    ..$ vjust           : NULL
201 ##    ..$ angle           : NULL
202 ##    ..$ lineheight     : NULL
203 ##    ..$ margin         : 'margin' num [1:4] Opt Opt Opt 2.2pt
204 ##    .. ..- attr(*, "valid.unit")= int 8
205 ##    .. ..- attr(*, "unit")= chr "pt"
206 ##    ..$ debug          : NULL
207 ##    ..$ inherit.blank: logi TRUE
208 ##    ..- attr(*, "class")= chr [1:2] "element_text" "element"
209 ##    $ axis.ticks          : list()
210 ##    ..- attr(*, "class")= chr [1:2] "element_blank" "element"
211 ##    $ axis.ticks.length   : 'unit' num 2.75pt
212 ##    ..- attr(*, "valid.unit")= int 8

```

```

213 ##   ..- attr(*, "unit")= chr "pt"
214 ##   $ axis.ticks.length.x      : NULL
215 ##   $ axis.ticks.length.x.top  : NULL
216 ##   $ axis.ticks.length.x.bottom: NULL
217 ##   $ axis.ticks.length.y      : NULL
218 ##   $ axis.ticks.length.y.left  : NULL
219 ##   $ axis.ticks.length.y.right : NULL
220 ##   $ axis.line                : list()
221 ##   ..- attr(*, "class")= chr [1:2] "element_blank" "element"
222 ##   $ axis.line.x              : NULL
223 ##   $ axis.line.y              : NULL
224 ##   $ legend.background        : list()
225 ##   ..- attr(*, "class")= chr [1:2] "element_blank" "element"
226 ##   $ legend.margin            : 'margin' num [1:4] 5.5pt 5.5pt 5.5pt 5.5pt
227 ##   ..- attr(*, "valid.unit")= int 8
228 ##   ..- attr(*, "unit")= chr "pt"
229 ##   $ legend.spacing           : 'unit' num 11pt
230 ##   ..- attr(*, "valid.unit")= int 8
231 ##   ..- attr(*, "unit")= chr "pt"
232 ##   $ legend.spacing.x         : NULL
233 ##   $ legend.spacing.y         : NULL
234 ##   $ legend.key               : list()
235 ##   ..- attr(*, "class")= chr [1:2] "element_blank" "element"
236 ##   $ legend.key.size          : 'unit' num 1.2lines
237 ##   ..- attr(*, "valid.unit")= int 3
238 ##   ..- attr(*, "unit")= chr "lines"
239 ##   $ legend.key.height        : NULL

```

```
240 ## $ legend.key.width      : NULL
241 ## $ legend.text            :List of 11
242 ## ..$ family              : NULL
243 ## ..$ face                 : NULL
244 ## ..$ colour               : NULL
245 ## ..$ size                 : 'rel' num 0.8
246 ## ..$ hjust                : NULL
247 ## ..$ vjust                : NULL
248 ## ..$ angle                : NULL
249 ## ..$ lineheight           : NULL
250 ## ..$ margin               : NULL
251 ## ..$ debug                : NULL
252 ## ..$ inherit.blank: logi TRUE
253 ## ..- attr(*, "class")= chr [1:2] "element_text" "element"
254 ## $ legend.text.align      : NULL
255 ## $ legend.title            :List of 11
256 ## ..$ family              : NULL
257 ## ..$ face                 : NULL
258 ## ..$ colour               : NULL
259 ## ..$ size                 : NULL
260 ## ..$ hjust                : num 0
261 ## ..$ vjust                : NULL
262 ## ..$ angle                : NULL
263 ## ..$ lineheight           : NULL
264 ## ..$ margin               : NULL
265 ## ..$ debug                : NULL
266 ## ..$ inherit.blank: logi TRUE
```

```

267 ##   ..- attr(*, "class")= chr [1:2] "element_text" "element"
268 ##   $ legend.title.align      : NULL
269 ##   $ legend.position         : chr "right"
270 ##   $ legend.direction        : NULL
271 ##   $ legend.justification    : chr "center"
272 ##   $ legend.box              : NULL
273 ##   $ legend.box.margin       : 'margin' num [1:4] 0cm 0cm 0cm 0cm
274 ##   ..- attr(*, "valid.unit")= int 1
275 ##   ..- attr(*, "unit")= chr "cm"
276 ##   $ legend.box.background   : list()
277 ##   ..- attr(*, "class")= chr [1:2] "element_blank" "element"
278 ##   $ legend.box.spacing      : 'unit' num 11pt
279 ##   ..- attr(*, "valid.unit")= int 8
280 ##   ..- attr(*, "unit")= chr "pt"
281 ##   $ panel.background        : list()
282 ##   ..- attr(*, "class")= chr [1:2] "element_blank" "element"
283 ##   $ panel.border            : list()
284 ##   ..- attr(*, "class")= chr [1:2] "element_blank" "element"
285 ##   $ panel.spacing           : 'unit' num 5.5pt
286 ##   ..- attr(*, "valid.unit")= int 8
287 ##   ..- attr(*, "unit")= chr "pt"
288 ##   $ panel.spacing.x         : NULL
289 ##   $ panel.spacing.y         : NULL
290 ##   $ panel.grid               :List of 6
291 ##   ..$ colour                : chr "grey92"
292 ##   ..$ size                  : NULL
293 ##   ..$ linetype              : NULL

```

```

294 ## ..$ lineend      : NULL
295 ## ..$ arrow        : logi FALSE
296 ## ..$ inherit.blank: logi TRUE
297 ## ..- attr(*, "class")= chr [1:2] "element_line" "element"
298 ## $ panel.grid.minor      :List of 6
299 ## ..$ colour         : NULL
300 ## ..$ size           : 'rel' num 0.5
301 ## ..$ linetype       : NULL
302 ## ..$ lineend       : NULL
303 ## ..$ arrow         : logi FALSE
304 ## ..$ inherit.blank: logi TRUE
305 ## ..- attr(*, "class")= chr [1:2] "element_line" "element"
306 ## $ panel.ontop         : logi FALSE
307 ## $ plot.background     : list()
308 ## ..- attr(*, "class")= chr [1:2] "element_blank" "element"
309 ## $ plot.title          :List of 11
310 ## ..$ family         : NULL
311 ## ..$ face           : NULL
312 ## ..$ colour        : NULL
313 ## ..$ size          : 'rel' num 1.2
314 ## ..$ hjust         : num 0
315 ## ..$ vjust         : num 1
316 ## ..$ angle         : NULL
317 ## ..$ lineheight    : NULL
318 ## ..$ margin        : 'margin' num [1:4] 0pt 0pt 5.5pt 0pt
319 ## .. ..- attr(*, "valid.unit")= int 8
320 ## .. ..- attr(*, "unit")= chr "pt"

```



```

321 ## ..$ debug          : NULL
322 ## ..$ inherit.blank: logi TRUE
323 ## ..- attr(*, "class")= chr [1:2] "element_text" "element"
324 ## $ plot.subtitle          :List of 11
325 ## ..$ family            : NULL
326 ## ..$ face              : NULL
327 ## ..$ colour           : NULL
328 ## ..$ size              : NULL
329 ## ..$ hjust             : num 0
330 ## ..$ vjust             : num 1
331 ## ..$ angle             : NULL
332 ## ..$ lineheight        : NULL
333 ## ..$ margin            : 'margin' num [1:4] Opt Opt 5.5pt Opt
334 ## .. ..- attr(*, "valid.unit")= int 8
335 ## .. ..- attr(*, "unit")= chr "pt"
336 ## ..$ debug            : NULL
337 ## ..$ inherit.blank: logi TRUE
338 ## ..- attr(*, "class")= chr [1:2] "element_text" "element"
339 ## $ plot.caption          :List of 11
340 ## ..$ family            : NULL
341 ## ..$ face              : NULL
342 ## ..$ colour           : NULL
343 ## ..$ size              : 'rel' num 0.8
344 ## ..$ hjust             : num 1
345 ## ..$ vjust             : num 1
346 ## ..$ angle             : NULL
347 ## ..$ lineheight        : NULL

```

```

348 ## ..$ margin          : 'margin' num [1:4] 5.5pt 0pt 0pt 0pt
349 ## ..- attr(*, "valid.unit")= int 8
350 ## ..- attr(*, "unit")= chr "pt"
351 ## ..$ debug            : NULL
352 ## ..$ inherit.blank: logi TRUE
353 ## ..- attr(*, "class")= chr [1:2] "element_text" "element"
354 ## $ plot.tag            :List of 11
355 ## ..$ family           : NULL
356 ## ..$ face             : NULL
357 ## ..$ colour          : NULL
358 ## ..$ size            : 'rel' num 1.2
359 ## ..$ hjust           : num 0.5
360 ## ..$ vjust           : num 0.5
361 ## ..$ angle           : NULL
362 ## ..$ lineheight      : NULL
363 ## ..$ margin          : NULL
364 ## ..$ debug           : NULL
365 ## ..$ inherit.blank: logi TRUE
366 ## ..- attr(*, "class")= chr [1:2] "element_text" "element"
367 ## $ plot.tag.position   : chr "topleft"
368 ## $ plot.margin         : 'margin' num [1:4] 5.5pt 5.5pt 5.5pt 5.5pt
369 ## ..- attr(*, "valid.unit")= int 8
370 ## ..- attr(*, "unit")= chr "pt"
371 ## $ strip.background    : list()
372 ## ..- attr(*, "class")= chr [1:2] "element_blank" "element"
373 ## $ strip.placement     : chr "inside"
374 ## $ strip.text          :List of 11

```

```

375 ##    ..$ family      : NULL
376 ##    ..$ face        : NULL
377 ##    ..$ colour      : chr "grey10"
378 ##    ..$ size        : 'rel' num 0.8
379 ##    ..$ hjust       : NULL
380 ##    ..$ vjust       : NULL
381 ##    ..$ angle       : NULL
382 ##    ..$ lineheight  : NULL
383 ##    ..$ margin      : 'margin' num [1:4] 4.4pt 4.4pt 4.4pt 4.4pt
384 ##    .. ..- attr(*, "valid.unit")= int 8
385 ##    .. ..- attr(*, "unit")= chr "pt"
386 ##    ..$ debug       : NULL
387 ##    ..$ inherit.blank: logi TRUE
388 ##    ..- attr(*, "class")= chr [1:2] "element_text" "element"
389 ##    $ strip.text.x   : NULL
390 ##    $ strip.text.y   :List of 11
391 ##    ..$ family      : NULL
392 ##    ..$ face        : NULL
393 ##    ..$ colour      : NULL
394 ##    ..$ size        : NULL
395 ##    ..$ hjust       : NULL
396 ##    ..$ vjust       : NULL
397 ##    ..$ angle       : num -90
398 ##    ..$ lineheight  : NULL
399 ##    ..$ margin      : NULL
400 ##    ..$ debug       : NULL
401 ##    ..$ inherit.blank: logi TRUE

```

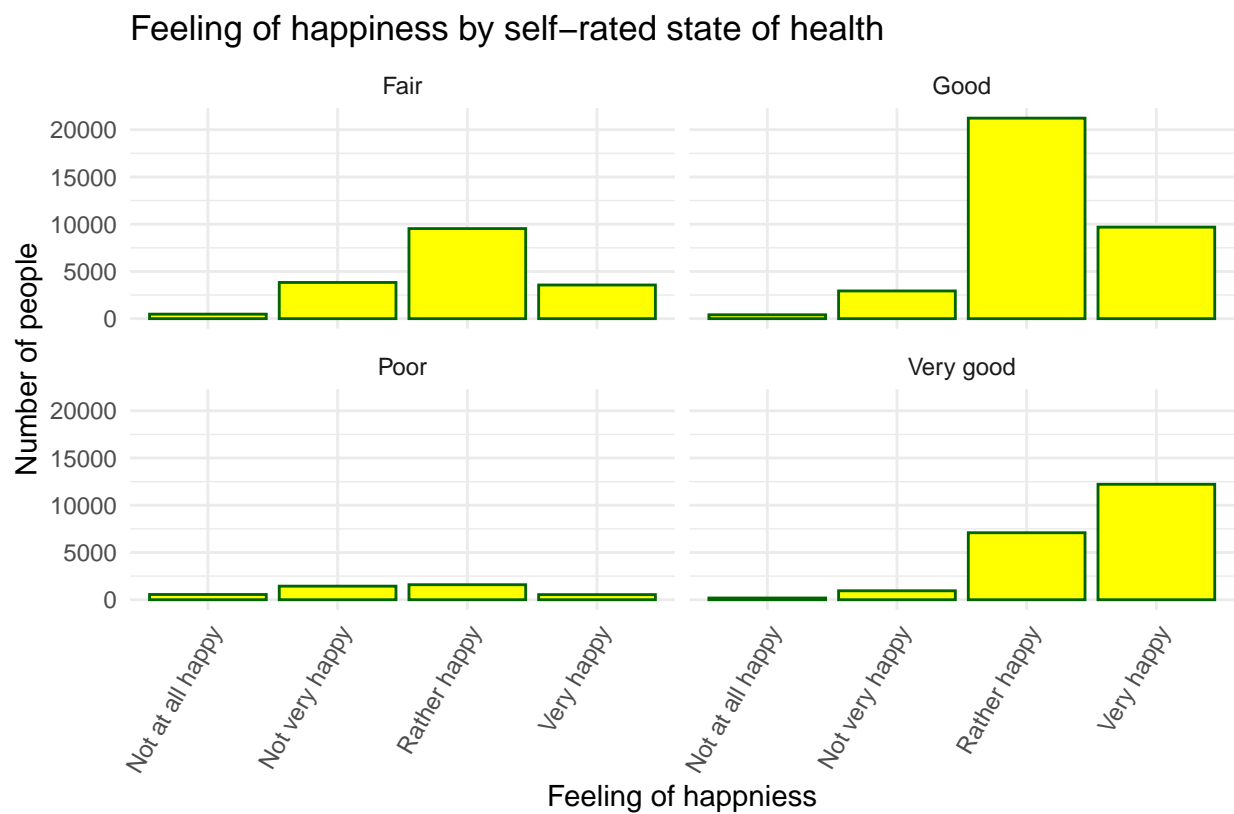
```

402 ##   ..- attr(*, "class")= chr [1:2] "element_text" "element"
403 ##   $ strip.switch.pad.grid      : 'unit' num 2.75pt
404 ##   ..- attr(*, "valid.unit")= int 8
405 ##   ..- attr(*, "unit")= chr "pt"
406 ##   $ strip.switch.pad.wrap      : 'unit' num 2.75pt
407 ##   ..- attr(*, "valid.unit")= int 8
408 ##   ..- attr(*, "unit")= chr "pt"
409 ##   - attr(*, "class")= chr [1:2] "theme" "gg"
410 ##   - attr(*, "complete")= logi TRUE
411 ##   - attr(*, "validate")= logi TRUE

```

412 As Figure 3 shows, although patterns of happiness levels are similar overall (e.g. most
 413 people report being “Rather Happy”, fewest people report being “Not happy at all”), there
 414 are some differences of happiness level distributions between groups. A greater percentage of
 415 those with the lowest level of family savings (those who spent savings and borrowed money)
 416 reported being “Not at all happy” or “Not very happy”. On the other hand, the greatest
 417 percentage of people reporting being “Rather happy” were those who reported just getting
 418 by, and the greatest percentage of people reporting the highest level of happiness were those
 419 in the strongest financial position - those who saved money.

420 (NOTE: I’d like to use inline code here to reference exact percentages. How do put one
 421 cell value into inline code??)

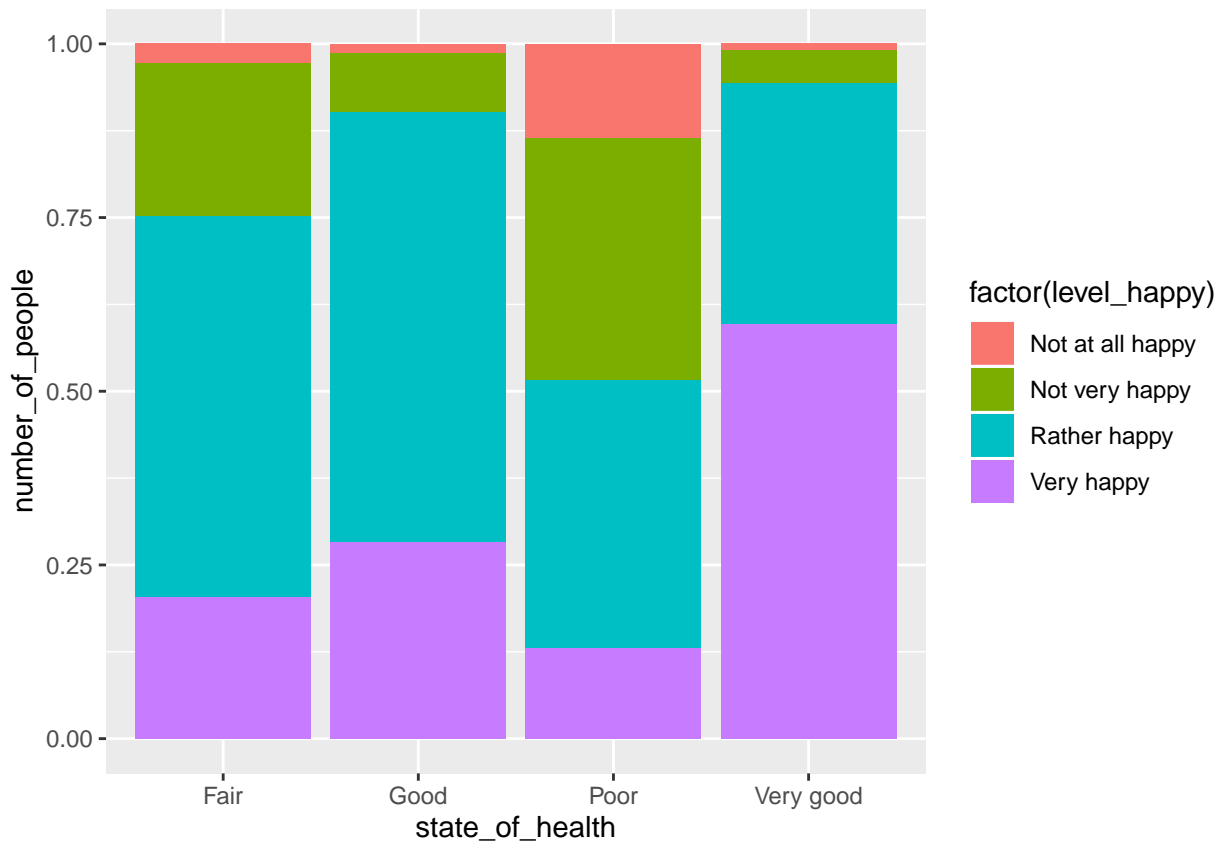


Survey of more than 85,000 respondents across the world. Source: WVS 2012

422

| most_people_trusted | feeling_of_happiness | n |
|----------------------------|----------------------|-------|
| Most people can be trusted | Not at all happy | 255 |
| Most people can be trusted | Not very happy | 1528 |
| Most people can be trusted | Rather happy | 10369 |
| Most people can be trusted | Very happy | 6499 |
| Need to be very careful | Not at all happy | 1368 |
| Need to be very careful | Not very happy | 7619 |
| Need to be very careful | Rather happy | 29072 |
| Need to be very careful | Very happy | 19512 |

423



Introduction

Study of happiness and its causal factors has been flourished in recent years. This project explores the relationship between happiness and some candidate variables, namely marital status, religious affiliation, level of income, status of heath, and level of trust. We use individual level survey of more than 85,000 respondents across 60 countries and societies around the world in World Value Survey Dataset 2012.

Scholars have studied the relationship between happines and political system (Inglehart, 2009)...

Johnson (2012) finds that “trust as measured by the World Values Survey is positively correlated with experimentally measured trust”.

Gandelman and Hernández-Murillo (2013) reviews relationship of self-rate health

status and perceived life quality.

Asha trying citation (Stack & Eshleman, 1998)

Methods

We report how we determined our sample size, all data exclusions (if any), all manipulations, and all measures in the study.

Data analysis

Happiness and trust. Out of the total 76222 people, only slightly more than 24.47 percent say they can trust most of the people around them, while 75.53 is cautious about the society.

See below



Survey of more than 85,000 respondents across the world. Source: WVS 2012

it shows us We used R (Version 3.6.1; R Core Team, 2018) and the R-packages *dplyr*

(Version 0.8.3; Wickham et al., 2019), *forcats* (Version 0.4.0; Wickham, 2019a), *ggplot2*
(Version 3.2.1; Wickham, 2016), *here* (Version 0.1; Müller, 2017), *janitor* (Version 1.2.0;
Firke, 2019), *kableExtra* (Version 1.1.0; Zhu, 2019), *knitr* (Version 1.25; Xie, 2015), *papaja*
(Version 0.1.0.9842; Aust & Barth, 2018), *purrr* (Version 0.3.3; Henry & Wickham, 2019),
readr (Version 1.3.1; Wickham, Hester, & Francois, 2018), *rio* (Version 0.5.16; Chan, Chan,
Leeper, & Becker, 2018), *stringr* (Version 1.4.0; Wickham, 2019b), *tibble* (Version 2.1.3;
Müller & Wickham, 2019), *tidyr* (Version 1.0.0; Wickham & Henry, 2019), and *tidyverse*
(Version 1.2.1; Wickham, 2017) for all our analyses.

Results

Discussion

References

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The final project must:

- (a) be a reproducible and dynamic APA manuscript produced with R Markdown, via the `{papaja}` package and include references to the extant literature;
- (b) be housed on GitHub, with contributions from all authors obvious;
- (c) demonstrate moving data from its raw “messy” format to a tidy data format through the R Markdown file, but not in the final document;
- (d) include at least two exploratory data visualizations, and
- (e) include at least summary statistics of the data in tables, although fitted models of any sort are an added bonus (not literally, there are not extra points for fitting a model).

The points for the final project are broken down as follows:

Writing (abstract, intro, methods, results, discussion, references).

- 30 points(25%) Document is fully reproducible and housed on GitHub
- 25 points (21%) Demonstrate use of inline code
- 5 points (4%) Demonstrate tidying messy data
- 30 points (25%) Two data visualizations
- 20 points(10 points each) (17%) Production of at least one table (of summary statistics or model results)
- 10 points (8%)