- What explains happiness? The relationships between happiness and marrige, religion
- health, trust, and saving
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Author Note

- We thank Dr. Nese for his guidance in this project. All mistakes remain ours.
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5

9 Abstract

10 abstract goes here

11 Keywords: happiness

Word count: X

What explains happiness? The relationships between happiness and marrige, religion health, trust, and saving

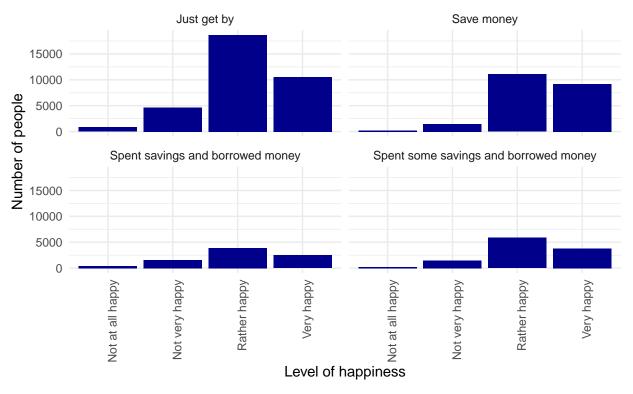
- 15 ## [1] "Rather happy"
- 16 ## [2] "Very happy"
- 17 ## [3] "Not very happy"
- 18 ## [4] "Not at all happy"
- 19 ## [5] "No answer"
- 20 ## [6] "Dont know"
- ## [7] "HT: Missing-Dropped out survey; RU: Inappropriate response{Inappropriate}"

- 22 ## Warning: Unknown levels in `f`: HT: Missing-Dropped out survey; RU:
- 23 ## Inappropriate response{Inappropriate}

24 ## Warning: Unknown levels in `f`: No answer, Dont know

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

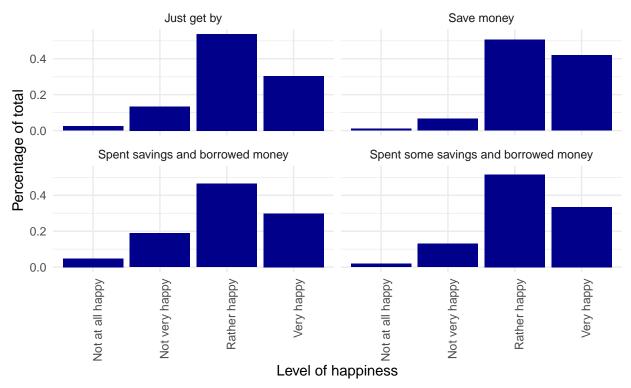
Figure 1
Happiness levels by family savings: Raw numbers



26

27

Figure 2
Happiness levels by family savings: percentage



A tibble: 16 x 5 28 feeling_of_happine~ ## family_savings n total percent 29 ## <fct> <fct> <int> <int> <dbl> 30 ## 1 Save money Not at all happy 203 21889 0.00927 31 2 Spent some savings and borrowed~ Not at all happy ## 207 11331 0.0183 32 3 Just get by Not at all happy 813 34669 0.0235 ## 33 400 8333 0.0480 ## 4 Spent savings and borrowed money Not at all happy 34 ## 5 Save money Not very happy 1449 21889 0.0662 35 6 Spent some savings and borrowed~ Not very happy ## 1471 11331 0.130 ## 7 Just get by Not very happy 4650 34669 0.134 37 8 Spent savings and borrowed money Not very happy 8333 0.189 1577 38 9 Spent savings and borrowed money Very happy 2489 8333 0.299 ## 39 ## 10 Just get by Very happy 10545 34669 0.304

##

##

##

##

##

##

65

\$ text

..\$ family

..\$ colour

..\$ face

..\$ inherit.blank: logi TRUE

: chr ""

: chr "black"

: chr "plain"

```
## 11 Spent some savings and borrowed~ Very happy
                                                                 3800 11331 0.335
                                           Very happy
  ## 12 Save money
                                                                 9177 21889 0.419
  ## 13 Spent savings and borrowed money Rather happy
                                                                 3867 8333 0.464
  ## 14 Save money
                                                                11060 21889 0.505
                                           Rather happy
  ## 15 Spent some savings and borrowed~ Rather happy
                                                                5853 11331 0.517
  ## 16 Just get by
                                           Rather happy
                                                                18661 34669 0.538
  ## List of 65
      $ line
                                    :List of 6
  ##
                      : chr "black"
  ##
        ..$ colour
49
  ##
       ..$ size
                        : num 0.5
50
  ##
        ..$ linetype
                     : num 1
51
  ##
        ..$ lineend
                     : chr "butt"
52
                         : logi FALSE
  ##
        ..$ arrow
53
        ..$ inherit.blank: logi TRUE
  ##
        ..- attr(*, "class")= chr [1:2] "element_line" "element"
  ##
      $ rect
                                    :List of 5
  ##
        ..$ fill
  ##
                        : chr "white"
       ..$ colour
                        : chr "black"
  ##
58
        ..$ size
  ##
                        : num 0.5
  ##
        ..$ linetype
                         : num 1
```

..- attr(*, "class")= chr [1:2] "element_rect" "element"

:List of 11

```
##
       ..$ size
                       : num 11
                     : num 0.5
  ##
       ..$ hjust
68
  ##
        ..$ vjust
                        : num 0.5
69
        ..$ angle
  ##
                       : num 0
70
        ..$ lineheight : num 0.9
  ##
71
                    : 'margin' num [1:4] Opt Opt Opt
  ##
        ..$ margin
72
        .. ..- attr(*, "valid.unit")= int 8
  ##
        .. ..- attr(*, "unit")= chr "pt"
  ##
  ##
       ..$ debug
                  : logi FALSE
75
  ##
        ..$ inherit.blank: logi TRUE
76
       ..- attr(*, "class")= chr [1:2] "element_text" "element"
  ##
      $ axis.title.x
                                   :List of 11
  ##
       ..$ family
                        : NULL
  ##
  ##
        ..$ face
                         : NULL
        ..$ colour
                        : NULL
  ##
  ##
       ..$ size
                        : NULL
82
  ##
       ..$ hjust
                        : NULL
  ##
        ..$ vjust
                        : num 1
  ##
        ..$ angle
                   : NULL
85
  ##
        ..$ lineheight : NULL
86
                    : 'margin' num [1:4] 2.75pt 0pt 0pt 0pt
  ##
        ..$ margin
87
        .. ..- attr(*, "valid.unit")= int 8
  ##
88
        .. ..- attr(*, "unit")= chr "pt"
  ##
89
  ##
       ..$ debug
                  : NULL
90
       ..$ inherit.blank: logi TRUE
  ##
91
       ..- attr(*, "class")= chr [1:2] "element_text" "element"
  ##
      $ axis.title.x.top
                                 :List of 11
  ##
```

: NULL

##

```
..$ family
        ..$ face
   ##
                         : NULL
95
   ##
         ..$ colour
                         : NULL
96
   ##
        ..$ size
                         : NULL
97
         ..$ hjust
   ##
                         : NULL
98
         ..$ vjust
                         : num 0
   ##
99
         ..$ angle
                    : NULL
   ##
100
   ##
        ..$ lineheight : NULL
101
        ..$ margin : 'margin' num [1:4] Opt Opt 2.75pt Opt
   ##
102
        .. ..- attr(*, "valid.unit")= int 8
   ##
103
   ##
         .. ..- attr(*, "unit")= chr "pt"
104
         ..$ debug
                          : NULL
   ##
105
        ..$ inherit.blank: logi TRUE
   ##
106
         ..- attr(*, "class")= chr [1:2] "element_text" "element"
   ##
107
       $ axis.title.y
                                     :List of 11
   ##
108
   ##
        ..$ family
                         : NULL
109
   ##
        ..$ face
                         : NULL
   ##
        ..$ colour
                         : NULL
111
   ##
        ..$ size
                         : NULL
112
        ..$ hjust
   ##
                         : NULL
113
   ##
         ..$ vjust
                         : num 1
114
   ##
         ..$ angle
                    : num 90
115
        ..$ lineheight : NULL
   ##
116
        ..$ margin : 'margin' num [1:4] Opt 2.75pt Opt Opt
   ##
117
         ... - attr(*, "valid.unit")= int 8
   ##
118
         .. ..- attr(*, "unit")= chr "pt"
   ##
119
   ##
         ..$ debug
                         : NULL
120
```

```
##
         ..$ inherit.blank: logi TRUE
121
         ..- attr(*, "class")= chr [1:2] "element text" "element"
   ##
122
       $ axis.title.y.right
                                      :List of 11
123
         ..$ family
   ##
                           : NULL
124
   ##
         ..$ face
                           : NULL
125
   ##
         ..$ colour
                           : NULL
126
                           : NULL
   ##
         ..$ size
127
   ##
         ..$ hjust
                          : NULL
128
         ..$ vjust
   ##
                          : num 0
129
   ##
         ..$ angle : num -90
130
         ..$ lineheight : NULL
   ##
131
         ..$ margin
                     : 'margin' num [1:4] Opt Opt Opt 2.75pt
   ##
132
   ##
         .. ..- attr(*, "valid.unit")= int 8
133
         .. ..- attr(*, "unit")= chr "pt"
   ##
134
   ##
         ..$ debug
                           : NULL
135
   ##
         ..$ inherit.blank: logi TRUE
136
         ..- attr(*, "class")= chr [1:2] "element_text" "element"
   ##
137
       $ axis.text
   ##
                                      :List of 11
138
   ##
         ..$ family
                           : NULL
139
   ##
         ..$ face
                           : NULL
140
   ##
                          : chr "grey30"
         ..$ colour
141
                           : 'rel' num 0.8
   ##
         ..$ size
142
         ..$ hjust
   ##
                           : NULL
143
   ##
         ..$ vjust
                          : NULL
144
         ..$ angle
                    : NULL
   ##
145
   ##
         ..$ lineheight : NULL
146
   ##
         ..$ margin
                          : NULL
147
```

```
##
        ..$ debug
                    : NULL
148
   ##
        ..$ inherit.blank: logi TRUE
149
        ..- attr(*, "class")= chr [1:2] "element_text" "element"
150
                                     :List of 11
       $ axis.text.x
   ##
151
        ..$ family
   ##
                         : NULL
152
   ##
        ..$ face
                          : NULL
153
        ..$ colour
                          : NULL
   ##
154
   ##
        ..$ size
                         : NULL
155
   ##
        ..$ hjust
                         : num 1
156
   ##
         ..$ vjust
                         : num 1
157
   ##
         ..$ angle : num 90
158
         ..$ lineheight : NULL
   ##
159
         ..$ margin : 'margin' num [1:4] 2.2pt Opt Opt
   ##
160
         .. ..- attr(*, "valid.unit")= int 8
   ##
         .. ..- attr(*, "unit")= chr "pt"
   ##
162
   ##
        ..$ debug
                    : NULL
163
        ..$ inherit.blank: logi FALSE
   ##
164
        ..- attr(*, "class")= chr [1:2] "element text" "element"
   ##
165
       $ axis.text.x.top
                                     :List of 11
   ##
166
   ##
        ..$ family
                         : NULL
167
   ##
        ..$ face
                          : NULL
168
   ##
        ..$ colour
                          : NULL
169
   ##
        ..$ size
                          : NULL
170
   ##
        ..$ hjust
                         : NULL
171
         ..$ vjust
   ##
                         : num 0
172
   ##
        ..$ angle
                    : NULL
173
   ##
        ..$ lineheight : NULL
174
```

```
..$ margin : 'margin' num [1:4] Opt Opt 2.2pt Opt
   ##
175
        .. ..- attr(*, "valid.unit")= int 8
   ##
176
        .. ..- attr(*, "unit")= chr "pt"
177
        ..$ debug
   ##
                          : NULL
178
        ..$ inherit.blank: logi TRUE
   ##
179
        ..- attr(*, "class")= chr [1:2] "element_text" "element"
   ##
180
       $ axis.text.y
                                     :List of 11
   ##
181
   ##
        ..$ family
                         : NULL
182
        ..$ face
   ##
                         : NULL
183
   ##
        ..$ colour
                      : NULL
184
   ##
        ..$ size
                         : NULL
185
        ..$ hjust
   ##
                         : num 1
186
        ..$ vjust
   ##
                         : NULL
187
                    : NULL
   ##
        ..$ angle
188
        ..$ lineheight : NULL
   ##
189
        ..$ margin : 'margin' num [1:4] Opt 2.2pt Opt Opt
   ##
190
        ....- attr(*, "valid.unit")= int 8
   ##
        .. ..- attr(*, "unit")= chr "pt"
   ##
192
   ##
        ..$ debug
                          : NULL
193
   ##
        ..$ inherit.blank: logi TRUE
194
        ..- attr(*, "class")= chr [1:2] "element_text" "element"
   ##
195
       $ axis.text.y.right
                                     :List of 11
   ##
196
        ..$ family
                         : NULL
   ##
197
   ##
        ..$ face
                         : NULL
198
        ..$ colour
   ##
                         : NULL
199
   ##
        ..$ size
                    : NULL
200
   ##
        ..$ hjust
                    : num 0
201
```

```
: NULL
   ##
         ..$ vjust
202
                    : NULL
   ##
         ..$ angle
203
         ..$ lineheight : NULL
204
         ..$ margin
                         : 'margin' num [1:4] Opt Opt Opt 2.2pt
   ##
205
         .. ..- attr(*, "valid.unit")= int 8
   ##
206
         .. ..- attr(*, "unit")= chr "pt"
   ##
207
   ##
         ..$ debug
                           : NULL
208
         ..$ inherit.blank: logi TRUE
   ##
209
         ..- attr(*, "class")= chr [1:2] "element_text" "element"
   ##
210
       $ axis.ticks
                                      : list()
   ##
211
         ..- attr(*, "class")= chr [1:2] "element blank" "element"
   ##
212
       $ axis.ticks.length
                                     : 'unit' num 2.75pt
   ##
213
         ..- attr(*, "valid.unit")= int 8
   ##
214
         ..- attr(*, "unit")= chr "pt"
   ##
215
       $ axis.ticks.length.x
                                     : NULL
   ##
216
       $ axis.ticks.length.x.top : NULL
   ##
217
       $ axis.ticks.length.x.bottom: NULL
   ##
218
       $ axis.ticks.length.y
   ##
                                      : NULL
219
       $ axis.ticks.length.y.left : NULL
   ##
220
       $ axis.ticks.length.y.right : NULL
   ##
221
   ##
       $ axis.line
                                      : list()
222
         ..- attr(*, "class")= chr [1:2] "element_blank" "element"
223
       $ axis.line.x
   ##
                                      : NULL
224
       $ axis.line.y
                                     : NULL
   ##
225
       $ legend.background
                              : list()
   ##
226
         ..- attr(*, "class")= chr [1:2] "element_blank" "element"
   ##
227
       $ legend.margin
                                      : 'margin' num [1:4] 5.5pt 5.5pt 5.5pt 5.5pt
   ##
228
```

```
##
        ..- attr(*, "valid.unit")= int 8
        ..- attr(*, "unit")= chr "pt"
230
       $ legend.spacing : 'unit' num 11pt
231
        ..- attr(*, "valid.unit")= int 8
   ##
232
        ..- attr(*, "unit")= chr "pt"
   ##
233
       $ legend.spacing.x
   ##
                              : NULL
234
       $ legend.spacing.y
                            : NULL
   ##
235
       $ legend.key
                                   : list()
   ##
236
        ..- attr(*, "class")= chr [1:2] "element_blank" "element"
   ##
237
       $ legend.key.size
                                    : 'unit' num 1.2lines
   ##
238
        ..- attr(*, "valid.unit")= int 3
   ##
239
        ..- attr(*, "unit")= chr "lines"
   ##
240
       $ legend.key.height
   ##
                                   : NULL
241
       $ legend.key.width
   ##
                            : NULL
242
       $ legend.text
   ##
                                   :List of 11
243
   ##
        ..$ family
                    : NULL
244
        ..$ face
                         : NULL
   ##
   ##
        ..$ colour
                         : NULL
246
   ##
        ..$ size
                         : 'rel' num 0.8
247
        ..$ hjust
   ##
                         : NULL
248
   ##
        ..$ vjust
                         : NULL
249
   ##
        ..$ angle
                   : NULL
250
        ..$ lineheight : NULL
   ##
251
   ##
        ..$ margin
                         : NULL
252
        ..$ debug
   ##
                          : NULL
253
   ##
        ..$ inherit.blank: logi TRUE
254
   ##
        ..- attr(*, "class")= chr [1:2] "element_text" "element"
255
```

```
$ legend.text.align
   ##
                                    : NULL
256
       $ legend.title
   ##
                                     :List of 11
257
   ##
         ..$ family
                         : NULL
258
   ##
        ..$ face
                         : NULL
259
   ##
         ..$ colour
                         : NULL
260
         ..$ size
                          : NULL
   ##
261
   ##
         ..$ hjust
                         : num 0
262
   ##
        ..$ vjust
                         : NULL
263
   ##
        ..$ angle
                    : NULL
264
   ##
         ..$ lineheight : NULL
265
         ..$ margin
   ##
                         : NULL
266
         ..$ debug
   ##
                          : NULL
267
         ..$ inherit.blank: logi TRUE
   ##
268
         ..- attr(*, "class")= chr [1:2] "element_text" "element"
   ##
       $ legend.title.align
   ##
                                : NULL
270
                                   : chr "right"
       $ legend.position
   ##
271
       $ legend.direction
                                   : NULL
   ##
272
       $ legend.justification : chr "center"
   ##
273
       $ legend.box
                                     : NULL
   ##
274
   ##
       $ legend.box.margin
                              : 'margin' num [1:4] Ocm Ocm Ocm Ocm
275
        ..- attr(*, "valid.unit")= int 1
   ##
276
        ..- attr(*, "unit")= chr "cm"
277
       $ legend.box.background
   ##
278
        ..- attr(*, "class")= chr [1:2] "element_blank" "element"
   ##
279
       $ legend.box.spacing
   ##
                                     : 'unit' num 11pt
280
   ##
        ..- attr(*, "valid.unit")= int 8
281
   ##
        ..- attr(*, "unit")= chr "pt"
282
```

```
$ panel.background
   ##
                                    : list()
283
        ..- attr(*, "class")= chr [1:2] "element blank" "element"
   ##
284
       $ panel.border
                                     : list()
285
        ..- attr(*, "class")= chr [1:2] "element_blank" "element"
   ##
286
       $ panel.spacing
                                     : 'unit' num 5.5pt
287
        ..- attr(*, "valid.unit")= int 8
   ##
288
        ..- attr(*, "unit")= chr "pt"
   ##
289
       $ panel.spacing.x
   ##
                                   : NULL
290
       $ panel.spacing.y
                                    : NULL
   ##
291
       $ panel.grid
                                     :List of 6
   ##
292
        ..$ colour : chr "grey92"
   ##
293
        ..$ size
   ##
                         : NULL
294
        ..$ linetype
   ##
                         : NULL
295
   ##
        ..$ lineend
                         : NULL
        ..$ arrow
                   : logi FALSE
   ##
297
   ##
        ..$ inherit.blank: logi TRUE
298
        ..- attr(*, "class")= chr [1:2] "element line" "element"
   ##
299
       $ panel.grid.minor
                                     :List of 6
   ##
300
   ##
        ..$ colour
                      : NULL
301
   ##
        ..$ size
                         : 'rel' num 0.5
302
   ##
        ..$ linetype
                          : NULL
303
   ##
        ..$ lineend
                      : NULL
304
        ..$ arrow : logi FALSE
   ##
305
   ##
        ..$ inherit.blank: logi TRUE
306
        ..- attr(*, "class")= chr [1:2] "element line" "element"
   ##
307
       $ panel.ontop
                                   : logi FALSE
   ##
308
       $ plot.background
   ##
                                   : list()
309
```

```
..- attr(*, "class")= chr [1:2] "element blank" "element"
   ##
310
       $ plot.title
                                     :List of 11
311
   ##
        ..$ family
                         : NULL
312
        ..$ face
   ##
                         : NULL
313
   ##
        ..$ colour
                         : NULL
314
        ..$ size
                         : 'rel' num 1.2
   ##
315
        ..$ hjust
   ##
                         : num 0
316
   ##
        ..$ vjust
                         : num 1
317
        ..$ angle
                   : NULL
   ##
318
        ..$ lineheight : NULL
   ##
319
        ..$ margin : 'margin' num [1:4] Opt Opt 5.5pt Opt
   ##
320
        .. ..- attr(*, "valid.unit")= int 8
   ##
321
        .. ..- attr(*, "unit")= chr "pt"
   ##
322
   ##
        ..$ debug
                     : NULL
323
        ..$ inherit.blank: logi TRUE
   ##
324
        ..- attr(*, "class")= chr [1:2] "element_text" "element"
   ##
325
       $ plot.subtitle
                                    :List of 11
   ##
326
        ..$ family
   ##
                         : NULL
327
   ##
        ..$ face
                         : NULL
328
   ##
        ..$ colour
                         : NULL
329
   ##
        ..$ size
                          : NULL
330
   ##
        ..$ hjust
                         : num 0
331
        ..$ vjust
   ##
                         : num 1
332
   ##
        ..$ angle
                   : NULL
333
        ..$ lineheight : NULL
   ##
334
   ##
        ..$ margin : 'margin' num [1:4] Opt Opt 5.5pt Opt
335
   ##
        .. ..- attr(*, "valid.unit")= int 8
336
```

```
.. ..- attr(*, "unit")= chr "pt"
   ##
337
   ##
         ..$ debug
                            : NULL
338
         ..$ inherit.blank: logi TRUE
339
         ..- attr(*, "class")= chr [1:2] "element text" "element"
   ##
340
       $ plot.caption
   ##
                                      :List of 11
341
         ..$ family
                           : NULL
   ##
342
         ..$ face
   ##
                           : NULL
343
   ##
         ..$ colour
                           : NULL
344
   ##
         ..$ size
                          : 'rel' num 0.8
345
   ##
         ..$ hjust
                           : num 1
346
         ..$ vjust
   ##
                          : num 1
347
         ..$ angle
                          : NULL
   ##
348
         ..$ lineheight : NULL
   ##
349
                      : 'margin' num [1:4] 5.5pt Opt Opt Opt
   ##
         ..$ margin
         .. ..- attr(*, "valid.unit")= int 8
   ##
351
         .. ..- attr(*, "unit")= chr "pt"
   ##
352
   ##
         ..$ debug
                           : NULL
353
         ..$ inherit.blank: logi TRUE
   ##
354
   ##
         ..- attr(*, "class")= chr [1:2] "element_text" "element"
355
   ##
       $ plot.tag
                                      :List of 11
356
   ##
         ..$ family
                           : NULL
357
   ##
         ..$ face
                           : NULL
358
         ..$ colour
                           : NULL
   ##
359
   ##
         ..$ size
                          : 'rel' num 1.2
360
         ..$ hjust
   ##
                          : num 0.5
361
   ##
         ..$ vjust
                          : num 0.5
362
   ##
         ..$ angle
                          : NULL
363
```

```
..$ lineheight : NULL
   ##
364
   ##
        ..$ margin : NULL
365
   ##
        ..$ debug : NULL
366
        ..$ inherit.blank: logi TRUE
367
        ..- attr(*, "class")= chr [1:2] "element_text" "element"
   ##
368
       $ plot.tag.position
                                    : chr "topleft"
   ##
369
                                     : 'margin' num [1:4] 5.5pt 5.5pt 5.5pt 5.5pt
       $ plot.margin
   ##
370
        ..- attr(*, "valid.unit")= int 8
   ##
371
        ..- attr(*, "unit")= chr "pt"
   ##
372
       $ strip.background
   ##
                                     : list()
373
        ..- attr(*, "class")= chr [1:2] "element blank" "element"
   ##
374
       $ strip.placement
                                     : chr "inside"
   ##
375
       $ strip.text
   ##
                                     :List of 11
376
        ..$ family
   ##
                      : NULL
377
        ..$ face
                         : NULL
   ##
378
   ##
        ..$ colour
                         : chr "grey10"
379
                         : 'rel' num 0.8
   ##
        ..$ size
   ##
        ..$ hjust
                          : NULL
381
   ##
        ..$ vjust
                         : NULL
382
   ##
        ..$ angle
                      : NULL
383
        ..$ lineheight : NULL
   ##
384
                     : 'margin' num [1:4] 4.4pt 4.4pt 4.4pt 4.4pt
        ..$ margin
   ##
385
        .. ..- attr(*, "valid.unit")= int 8
   ##
386
        .. ..- attr(*, "unit")= chr "pt"
   ##
387
        ..$ debug
   ##
                          : NULL
388
   ##
        ..$ inherit.blank: logi TRUE
389
   ##
        ..- attr(*, "class")= chr [1:2] "element_text" "element"
390
```

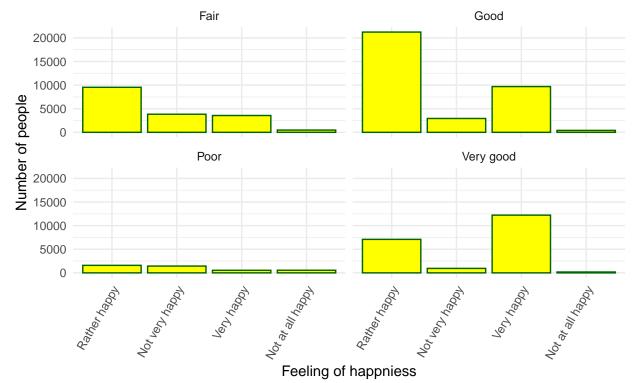
```
$ strip.text.x
                                       : NULL
   ##
391
        $ strip.text.y
   ##
                                       :List of 11
392
   ##
         ..$ family
                            : NULL
393
         ..$ face
   ##
                            : NULL
394
   ##
         ..$ colour
                            : NULL
395
   ##
         ..$ size
                            : NULL
396
   ##
         ..$ hjust
                            : NULL
397
         ..$ vjust
                            : NULL
   ##
398
         ..$ angle
                            : num -90
   ##
399
         ..$ lineheight
                            : NULL
   ##
400
         ..$ margin
   ##
                            : NULL
401
         ..$ debug
   ##
                            : NULL
402
         ..$ inherit.blank: logi TRUE
   ##
403
         ..- attr(*, "class")= chr [1:2] "element_text" "element"
   ##
        $ strip.switch.pad.grid
                                   : 'unit' num 2.75pt
   ##
405
         ..- attr(*, "valid.unit")= int 8
   ##
406
         ..- attr(*, "unit")= chr "pt"
   ##
407
        $ strip.switch.pad.wrap : 'unit' num 2.75pt
408
         ..- attr(*, "valid.unit")= int 8
   ##
409
         ..- attr(*, "unit")= chr "pt"
410
        - attr(*, "class")= chr [1:2] "theme" "gg"
411
        - attr(*, "complete")= logi TRUE
412
       - attr(*, "validate")= logi TRUE
413
```

As Figure 3 shows, although patterns of happiness levels are similar overall (e.g. most people report being "Rather Happy", fewest people report being "Not happy at all"), there are some differences of happiness level distributions between groups. A greater percentage of those with the lowest level of family savings (those who spent savings and borrowed

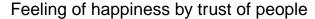
money) reported being "Not at all happy" or "Not very happy". On the other hand, the
greatest percentage of people reporting being "Rather happy" were those who reported just
getting by, and the greatest percentage of people reporting the highest level of happiness
were those in the strongest financial position - those who saved money.

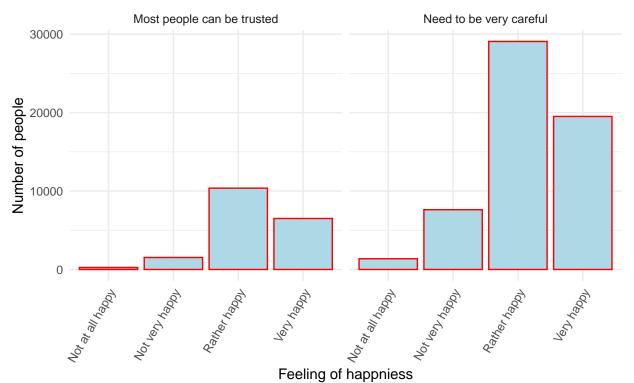
(NOTE: I'd like to use inline code here to reference exact percentages. How do put one cell value into inline code??)

Feeling of happiness by self-rated state of health



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





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

$most_people_trusted$	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

Happiness and trust

425

426

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

430 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.

442 Methods

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

Data analysis

We used R (Version 3.5.1; R Core Team, 2018) and the R-packages dplyr (Version 0.8.3; Wickham, François, Henry, & Müller, 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; C.-h. Chan, Chan, Leeper, & Becker, 2018), stringr (Version 1.4.0; Wickham,

⁴⁵³ 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

456 Discussion

References

- Aust, F., & Barth, M. (2018). papaja: Create APA manuscripts with R Markdown.
- Retrieved from https://github.com/crsh/papaja
- Chan, C.-h., Chan, G. C., Leeper, T. J., & Becker, J. (2018). Rio: A swiss-army knife for
 data file i/o.
- Firke, S. (2019). Janitor: Simple tools for examining and cleaning dirty data. Retrieved from https://CRAN.R-project.org/package=janitor
- Gandelman, N., & Hernández-Murillo, R. (2013). What do happiness and health satisfaction data tell us about relative risk aversion? *Journal of Economic Psychology*, 39, 301–312.
- Henry, L., & Wickham, H. (2019). Purrr: Functional programming tools. Retrieved from https://CRAN.R-project.org/package=purrr
- Inglehart, R. (2009). 11. democracy and happiness: What causes what? *Happiness*, *Economics and Politics: Towards a Multi-Disciplinary Approach*, 256.
- Johnson, N. D., & Mislin, A. (2012). How much should we trust the world values survey trust question? *Economics Letters*, 116(2), 210–212.
- Müller, K. (2017). Here: A simpler way to find your files. Retrieved from https://CRAN.R-project.org/package=here
- Müller, K., & Wickham, H. (2019). *Tibble: Simple data frames*. Retrieved from https://CRAN.R-project.org/package=tibble
- R Core Team. (2018). R: A language and environment for statistical computing. Vienna,
 Austria: R Foundation for Statistical Computing. Retrieved from
- https://www.R-project.org/
- Wickham, H. (2016). Ggplot2: Elegant graphics for data analysis. Springer-Verlag New

- 481 York. Retrieved from https://ggplot2.tidyverse.org
- Wickham, H. (2017). Tidyverse: Easily install and load the 'tidyverse'. Retrieved from
- https://CRAN.R-project.org/package=tidyverse
- Wickham, H. (2019a). Forcats: Tools for working with categorical variables (factors).
- Retrieved from https://CRAN.R-project.org/package=forcats
- Wickham, H. (2019b). Stringr: Simple, consistent wrappers for common string operations.
- Retrieved from https://CRAN.R-project.org/package=stringr
- Wickham, H., & Henry, L. (2019). Tidyr: Tidy messy data. Retrieved from
- https://CRAN.R-project.org/package=tidyr
- Wickham, H., François, R., Henry, L., & Müller, K. (2019). Dplyr: A grammar of data
- manipulation. Retrieved from https://CRAN.R-project.org/package=dplyr
- Wickham, H., Hester, J., & Francois, R. (2018). Readr: Read rectangular text data.
- Retrieved from https://CRAN.R-project.org/package=readr
- ⁴⁹⁴ Xie, Y. (2015). Dynamic documents with R and knitr (2nd ed.). Boca Raton, Florida:
- Chapman; Hall/CRC. Retrieved from https://yihui.name/knitr/
- ⁴⁹⁶ Zhu, H. (2019). KableExtra: Construct complex table with 'kable' and pipe syntax.
- Retrieved from https://CRAN.R-project.org/package=kableExtra
- 498 Final Paper
- 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;
- ₅₀₂ (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;

- 505 (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%)

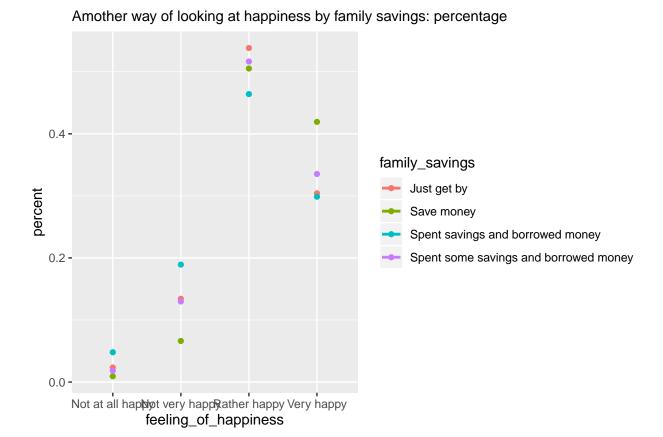


Figure 1