R Notebook

Loading of Data

```
library(tidyverse)
beauty <- read_csv("beauty.csv")</pre>
Filtering to only female respondents:
beauty_data <- beauty %>% filter(gender == "Female")
Demographic characteristics:
fivenum(beauty_data$age)
## [1] 18 20 20 21 30
unique(beauty_data$faculty)
## [1] "Business" "CHS"
                               "CDE"
                                          "Law"
                                                      "SOC"
                                                                  "Medicine"
fivenum(beauty_data$tiktok_hours)
## [1] 0.0 0.5 1.5 2.0 6.0
beauty_data %>% mutate(beauty_index = tiktok_hours*frequency) -> beauty_data
```

T-tests between IV and DVs

First, split respondents into two groups: those who do not consume beauty content on Tiktok (ie. Watched Hours = 0 + Tiktoks related to beauty answer "not at all"), and those who do.

```
beauty_false <- beauty_data %>% filter(tiktok_hours == 0 | frequency == 1)
beauty_true <- setdiff(beauty_data, beauty_false)</pre>
```

Then, compare means of dependent variables.

For self-esteem, our hypothesis is that the self-esteems of those who consume beauty content are lower than those who do not. t = 1.2579, p = 0.8907. Hence, the longer-term self-esteems of those who consume beauty content is not significantly lesser than those who do not.

```
t.test(beauty_true$high_self_esteem, beauty_false$high_self_esteem, alternative = "less")
```

For appearance anxiety, our hypothesis is that those who consume beauty content experience more appearance anxiety than those who do not. t=1.0299, , p-value = 0.156. Hence, the longer-term appearance anxiety of those who consume beauty content is not significantly greater than those who do not.

```
t.test(beauty_true$anxiety, beauty_false$anxiety, alternative = "greater")
```

For mood, our hypothesis is that those who consume beauty content have their moods more negatively affected by such content than those who do not. t = 2.9167, p-value = 0.003428. Hence, the moods of those who consume beauty content are significantly more negatively affected than those who do not.

```
t.test(beauty_true$negative_mood, beauty_false$negative_mood, alternative = "greater")
```

Simple Linear Regression between IV and DVs

```
beauty_mood <- lm(negative_mood ~ beauty_index, data = beauty_data)</pre>
summary(beauty_mood)
##
## Call:
## lm(formula = negative_mood ~ beauty_index, data = beauty_data)
##
## Residuals:
##
      Min
               1Q Median
                                      Max
## -3.2078 -1.3990 -0.2912 1.2431 3.7088
## Coefficients:
               Estimate Std. Error t value Pr(>|t|)
## (Intercept) 2.85986
                           0.24223 11.806 < 2e-16 ***
## beauty_index 0.10784
                           0.03372
                                    3.198 0.00185 **
## ---
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' ' 1
## Residual standard error: 1.685 on 100 degrees of freedom
## Multiple R-squared: 0.09279,
                                   Adjusted R-squared: 0.08372
## F-statistic: 10.23 on 1 and 100 DF, p-value: 0.001853
beauty_anxiety <- lm(anxiety ~ beauty_index, data = beauty_data)</pre>
summary(beauty_anxiety)
##
## lm(formula = anxiety ~ beauty_index, data = beauty_data)
##
## Residuals:
##
       Min
                 1Q
                     Median
                                   30
## -2.35412 -0.82380 0.07101 0.87049 2.26979
## Coefficients:
               Estimate Std. Error t value Pr(>|t|)
## (Intercept) 2.73021 0.14289 19.107
                                             <2e-16 ***
## beauty_index 0.04991
                           0.01989
                                   2.509 0.0137 *
## ---
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' 1
## Residual standard error: 0.9938 on 100 degrees of freedom
## Multiple R-squared: 0.05924,
                                   Adjusted R-squared:
## F-statistic: 6.297 on 1 and 100 DF, p-value: 0.0137
beauty_esteem <- lm(high_self_esteem ~ beauty_index, data = beauty_data)
summary(beauty esteem)
##
## Call:
```

```
## lm(formula = high_self_esteem ~ beauty_index, data = beauty_data)
##
## Residuals:
##
               1Q Median
      Min
                               3Q
                                       Max
## -2.2994 -0.9223 -0.1261 0.8277 1.8623
##
## Coefficients:
##
                Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                3.12612
                           0.15427 20.264
                                              <2e-16 ***
## beauty_index 0.01155
                            0.02147
                                    0.538
                                              0.592
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' ' 1
## Residual standard error: 1.073 on 100 degrees of freedom
## Multiple R-squared: 0.002884,
                                    Adjusted R-squared:
## F-statistic: 0.2892 on 1 and 100 DF, p-value: 0.5919
beauty_jealousy <- lm(jealousy ~ beauty_index, data = beauty_data)</pre>
summary(beauty_jealousy)
##
## Call:
## lm(formula = jealousy ~ beauty_index, data = beauty_data)
##
## Residuals:
      Min
               1Q Median
                               3Q
                                       Max
## -3.4580 -1.1494 0.1264 1.0486 3.3412
## Coefficients:
##
               Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                3.05092
                            0.21991 13.874 < 2e-16 ***
                                    3.677 0.000382 ***
## beauty_index 0.11257
                            0.03061
## ---
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' ' 1
## Residual standard error: 1.53 on 100 degrees of freedom
## Multiple R-squared: 0.1191, Adjusted R-squared: 0.1103
## F-statistic: 13.52 on 1 and 100 DF, p-value: 0.0003816
beauty_comparison <- lm(comparison ~ beauty_index, data = beauty_data)</pre>
summary(beauty_comparison)
##
## lm(formula = comparison ~ beauty_index, data = beauty_data)
##
## Residuals:
               10 Median
      Min
                               3Q
                                       Max
## -3.7178 -1.4701 0.3362 1.2799 3.6304
##
## Coefficients:
               Estimate Std. Error t value Pr(>|t|)
                           0.24378 13.822 < 2e-16 ***
## (Intercept) 3.36958
```

```
## beauty_index 0.10785
                           0.03393 3.178 0.00197 **
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
## Residual standard error: 1.696 on 100 degrees of freedom
## Multiple R-squared: 0.09175,
                                   Adjusted R-squared: 0.08267
## F-statistic: 10.1 on 1 and 100 DF, p-value: 0.001971
beauty_self_esteem_after <- lm(self_esteem_awareness ~ beauty_index, data = beauty_data)
summary(beauty_self_esteem_after)
##
## Call:
## lm(formula = self_esteem_awareness ~ beauty_index, data = beauty_data)
##
## Residuals:
##
       Min
                 1Q
                     Median
                                   3Q
                                           Max
## -2.24681 -0.83491 0.08664 0.77281 2.24355
## Coefficients:
               Estimate Std. Error t value Pr(>|t|)
## (Intercept) 2.75645
                           0.14521 18.983
                                             <2e-16 ***
## beauty index 0.03923
                           0.02021
                                   1.941
                                             0.0551 .
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' 1
## Residual standard error: 1.01 on 100 degrees of freedom
## Multiple R-squared: 0.0363, Adjusted R-squared: 0.02666
## F-statistic: 3.766 on 1 and 100 DF, p-value: 0.05511
beauty_anxiety_after <- lm(anxiety_after ~ beauty_index, data = beauty_data)
summary(beauty_anxiety_after)
##
## lm(formula = anxiety after ~ beauty index, data = beauty data)
##
## Residuals:
##
               1Q Median
      Min
                               3Q
                                      Max
## -3.5446 -1.1956 0.0614 1.0614 3.3676
##
## Coefficients:
               Estimate Std. Error t value Pr(>|t|)
## (Intercept) 2.93862
                           0.22417 13.109 < 2e-16 ***
                                   4.117 7.9e-05 ***
## beauty_index 0.12848
                           0.03121
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' 1
## Residual standard error: 1.559 on 100 degrees of freedom
## Multiple R-squared: 0.1449, Adjusted R-squared: 0.1364
## F-statistic: 16.95 on 1 and 100 DF, p-value: 7.901e-05
```

Confounders

We have identified consumption of beauty content from other platforms outside of Tiktok as a possible confounder for the correlations between our IV and DVs. Our confounder hence becomes the variable of the number of other platforms used outside of Tiktok, found through mutating a new column from the data in beauty_data\$platforms.

```
mutate(beauty_data, other_platforms = str_remove_all(beauty_data$platforms,
    "Tiktok/ Douyin;")) -> beauty_data
mutate(beauty_data, other_platforms = str_remove_all(beauty_data$other_platforms,
    "Tiktok/ Douyin")) -> beauty_data
beauty data$other platforms[beauty data$other platforms == ""] <- NA
beauty_data$other_platforms <- trimws(beauty_data$other_platforms,
    "r", whitespace = ";")
mutate(beauty_data, n_other_platforms = str_count(beauty_data$other_platforms,
    ";") + 1) -> beauty_data
beauty_anxiety_conf <- lm(anxiety ~ beauty_index + n_other_platforms, data = beauty_data)
summary(beauty_anxiety_conf)
##
## Call:
## lm(formula = anxiety ~ beauty_index + n_other_platforms, data = beauty_data)
## Residuals:
##
       Min
                  1Q
                      Median
                                    3Q
                                            Max
## -2.36309 -0.83710 0.07545 0.84464 2.21393
##
## Coefficients:
##
                     Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                      2.90507
                                 0.31135
                                           9.331 5.85e-15 ***
## beauty index
                      0.04616
                                 0.02057
                                           2.245
                                                   0.0272 *
## n_other_platforms -0.05950
                                 0.14013 - 0.425
                                                   0.6721
## ---
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' 1
##
## Residual standard error: 1.009 on 92 degrees of freedom
     (7 observations deleted due to missingness)
## Multiple R-squared: 0.05344,
                                    Adjusted R-squared:
## F-statistic: 2.597 on 2 and 92 DF, p-value: 0.07993
beauty_esteem_conf <- lm(high_self_esteem ~ beauty_index + n_other_platforms, data = beauty_data)
summary(beauty_esteem_conf)
##
## Call:
## lm(formula = high_self_esteem ~ beauty_index + n_other_platforms,
      data = beauty data)
##
##
## Residuals:
##
      Min
                1Q Median
                                30
                                       Max
## -2.6787 -0.4729 0.1080 0.7566 1.7543
```

```
##
## Coefficients:
##
                     Estimate Std. Error t value Pr(>|t|)
                                0.31863
                                         8.129 1.94e-12 ***
## (Intercept)
                     2.59013
## beauty_index
                     0.01524
                                0.02105
                                           0.724
                                                   0.4707
## n_other_platforms 0.28664
                                          1.999
                                                   0.0486 *
                                0.14340
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.032 on 92 degrees of freedom
     (7 observations deleted due to missingness)
## Multiple R-squared: 0.0472, Adjusted R-squared: 0.02649
## F-statistic: 2.279 on 2 and 92 DF, p-value: 0.1081
# Identifying if there is R/S between n_other_platforms and
# beauty_index since confounders usually entail R/S between
# confounder, IV, DV.
beauty_index_platforms <- lm(n_other_platforms ~ beauty_index,</pre>
   data = beauty_data)
summary(beauty_index_platforms)
##
## Call:
## lm(formula = n_other_platforms ~ beauty_index, data = beauty_data)
## Residuals:
##
       Min
                 1Q
                     Median
                                    3Q
## -0.96308 -0.94982 0.04071 0.05207 2.05207
##
## Coefficients:
               Estimate Std. Error t value Pr(>|t|)
## (Intercept) 1.947926
                          0.110828 17.576
                                              <2e-16 ***
## beauty_index 0.001894
                         0.015217
                                     0.124
                                               0.901
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
## Residual standard error: 0.7465 on 93 degrees of freedom
## (7 observations deleted due to missingness)
## Multiple R-squared: 0.0001665, Adjusted R-squared: -0.01058
## F-statistic: 0.01549 on 1 and 93 DF, p-value: 0.9012
beauty_index_platforms2 <- lm(beauty_index ~ n_other_platforms,</pre>
   data = beauty_data)
summary(beauty_index_platforms2)
##
## Call:
## lm(formula = beauty_index ~ n_other_platforms, data = beauty_data)
##
## Residuals:
     Min
             1Q Median
                            3Q
## -5.444 -4.180 -1.268 2.732 18.732
##
```

```
## Coefficients:
##
                    Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                     5.09208
                                1.47838
                                          3.444 0.00086 ***
                                0.70648
## n_other_platforms 0.08792
                                          0.124 0.90123
## ---
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' 1
## Residual standard error: 5.086 on 93 degrees of freedom
     (7 observations deleted due to missingness)
## Multiple R-squared: 0.0001665, Adjusted R-squared: -0.01058
## F-statistic: 0.01549 on 1 and 93 DF, p-value: 0.9012
```

We do not repeat the test for confounders on the single linear regression model between beauty Tiktok consumption and mood because the question for that set of observations surveys for a cause and effect relationship between Tiktok consumption specifically and mood ("negative changes in your mood (e.g., increased sadness or self consciousness) after watching beauty TikTok video") for non-neutral answers.

Antecedent vs Post-Tiktok levels of anxiety and self-esteem

```
beauty_index_anxiety_controlled <- lm(anxiety_after ~ beauty_index + anxiety, data = beauty_data)
summary(beauty_index_anxiety_controlled)
##
## Call:
## lm(formula = anxiety_after ~ beauty_index + anxiety, data = beauty_data)
## Residuals:
##
      Min
                1Q Median
                                30
                                       Max
## -3.0200 -0.8868 0.0469 1.0500
                                    3.2806
##
## Coefficients:
##
                Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                 1.01479
                            0.43411
                                      2.338 0.02142 *
                            0.02889
                                      3.230 0.00168 **
## beauty_index 0.09331
                 0.70464
                            0.14088
                                      5.002 2.46e-06 ***
## anxiety
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.4 on 99 degrees of freedom
## Multiple R-squared: 0.3174, Adjusted R-squared: 0.3036
## F-statistic: 23.02 on 2 and 99 DF, p-value: 6.166e-09
anxiety_anxiety_after <- lm(anxiety_after ~ anxiety, data = beauty_data)
summary(anxiety_anxiety_after)
##
## Call:
## lm(formula = anxiety_after ~ anxiety, data = beauty_data)
##
## Residuals:
```

Max

3Q

1Q Median

##

Min

```
## -3.4312 -0.8004 0.2919 1.1534 3.1996
##
## Coefficients:
              Estimate Std. Error t value Pr(>|t|)
##
## (Intercept) 1.1697
                           0.4513
                                    2.592
                                             0.011 *
                                   5.704 1.19e-07 ***
## anxiety
                0.8154
                           0.1429
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.465 on 100 degrees of freedom
## Multiple R-squared: 0.2455, Adjusted R-squared: 0.238
## F-statistic: 32.54 on 1 and 100 DF, p-value: 1.191e-07
beauty_index_selfesteem_controlled <- lm(self_esteem_awareness ~ beauty_index + high_self_esteem, data =
summary(beauty_index_selfesteem_controlled)
##
## Call:
## lm(formula = self_esteem_awareness ~ beauty_index + high_self_esteem,
      data = beauty_data)
##
## Residuals:
##
       Min
                 1Q Median
                                   30
## -2.03830 -0.71648 0.06663 0.73255 2.46263
##
## Coefficients:
##
                   Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                    3.50007
                               0.31908 10.969
                                                <2e-16 ***
## beauty_index
                    0.04198
                               0.01968
                                         2.132
                                                 0.0354 *
                                                 0.0108 *
## high_self_esteem -0.23787
                               0.09153 - 2.599
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' ' 1
## Residual standard error: 0.9821 on 99 degrees of freedom
## Multiple R-squared: 0.09785,
                                   Adjusted R-squared:
## F-statistic: 5.369 on 2 and 99 DF, p-value: 0.006115
beauty_index_inadequacy_controlled <- lm(jealousy ~ beauty_index + high_self_esteem, data = beauty_data
summary(beauty_index_inadequacy_controlled)
##
## lm(formula = jealousy ~ beauty_index + high_self_esteem, data = beauty_data)
##
## Residuals:
               1Q Median
                               ЗQ
## -3.1072 -1.1718 0.0177 1.1160 3.7087
## Coefficients:
##
                   Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                   3.6850
                                0.4944 7.454 3.47e-11 ***
                     0.1149
                                0.0305 3.768 0.00028 ***
## beauty_index
```

0.1418 -1.430 0.15575

high_self_esteem -0.2029

```
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.522 on 99 degrees of freedom
## Multiple R-squared: 0.137, Adjusted R-squared: 0.1195
## F-statistic: 7.855 on 2 and 99 DF, p-value: 0.0006819
```

Construct validity/Agreement between questions

Mood: hypothesis: correlation between beauty index and positive mood from tiktok should be inverse of correlation between beauty index and negative mood from tiktok

```
beauty_positive_mood <- lm(positive_mood ~ beauty_index, data = beauty_data)
summary(beauty_positive_mood)</pre>
```

```
##
## Call:
## lm(formula = positive_mood ~ beauty_index, data = beauty_data)
##
## Residuals:
##
      Min
                1Q Median
                                3Q
                                       Max
## -2.1333 -0.8543 0.1010 0.5609
                                    2.0341
##
## Coefficients:
                Estimate Std. Error t value Pr(>|t|)
##
                2.85432
                            0.12001 23.785
                                              <2e-16 ***
## (Intercept)
## beauty_index 0.02232
                            0.01671
                                     1.336
                                               0.185
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
## Residual standard error: 0.8347 on 100 degrees of freedom
## Multiple R-squared: 0.01754,
                                   Adjusted R-squared: 0.007717
## F-statistic: 1.785 on 1 and 100 DF, p-value: 0.1845
beauty_mood <- lm(negative_mood ~ beauty_index, data = beauty_data)</pre>
summary(beauty_mood)
##
## Call:
## lm(formula = negative_mood ~ beauty_index, data = beauty_data)
##
## Residuals:
##
                1Q Median
                                       Max
## -3.2078 -1.3990 -0.2912 1.2431
                                   3.7088
##
## Coefficients:
                Estimate Std. Error t value Pr(>|t|)
```

3.198 0.00185 **

0.24223 11.806 < 2e-16 ***

0.03372

Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1

(Intercept)

##

beauty_index 0.10784

2.85986

```
## Residual standard error: 1.685 on 100 degrees of freedom
## Multiple R-squared: 0.09279,
                                   Adjusted R-squared: 0.08372
## F-statistic: 10.23 on 1 and 100 DF, p-value: 0.001853
```

Self-esteem: hypothesis: correlation between beauty index effect on detrimental mood after tiktok and correlation between beauty index effect on pressured to change oneself/

```
beauty_positive_mood <- lm(positive_mood ~ beauty_index, data = beauty_data)
```

```
summary(beauty_positive_mood)
##
## Call:
## lm(formula = positive_mood ~ beauty_index, data = beauty_data)
## Residuals:
##
      Min
               1Q Median
                               30
                                      Max
## -2.1333 -0.8543 0.1010 0.5609 2.0341
## Coefficients:
               Estimate Std. Error t value Pr(>|t|)
                2.85432
                           0.12001 23.785
## (Intercept)
                                             <2e-16 ***
## beauty_index 0.02232
                           0.01671
                                   1.336
                                              0.185
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
## Residual standard error: 0.8347 on 100 degrees of freedom
## Multiple R-squared: 0.01754,
                                   Adjusted R-squared:
## F-statistic: 1.785 on 1 and 100 DF, p-value: 0.1845
beauty_unrealistic <- lm(unrealistic ~ beauty_index, data = beauty_data)
summary(beauty_unrealistic)
##
## Call:
## lm(formula = unrealistic ~ beauty_index, data = beauty_data)
##
## Residuals:
##
      Min
               1Q Median
                               3Q
                                      Max
## -2.6175 -0.6182 0.3805 0.3860 1.3886
##
## Coefficients:
                 Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                3.6206846 0.1409358
                                       25.69
                                               <2e-16 ***
                                                0.976
## beauty index -0.0005832 0.0196184
                                       -0.03
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
```

Residual standard error: 0.9802 on 100 degrees of freedom ## Multiple R-squared: 8.836e-06, Adjusted R-squared: -0.009991

F-statistic: 0.0008836 on 1 and 100 DF, p-value: 0.9763

```
beauty_unhealthy <- lm(unhealthy ~ beauty_index, data = beauty_data)</pre>
summary(beauty_unhealthy)
##
## Call:
## lm(formula = unhealthy ~ beauty_index, data = beauty_data)
## Residuals:
      Min
               1Q Median
                               3Q
                                      Max
## -2.3308 -0.4991 -0.2257 0.6709 1.7743
##
## Coefficients:
##
               Estimate Std. Error t value Pr(>|t|)
## (Intercept) 3.50607 0.13884 25.252
                                             <2e-16 ***
## beauty_index -0.03504
                           0.01933 -1.813
                                            0.0728 .
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' 1
## Residual standard error: 0.9657 on 100 degrees of freedom
## Multiple R-squared: 0.03183, Adjusted R-squared: 0.02215
## F-statistic: 3.288 on 1 and 100 DF, p-value: 0.0728
beauty_pressure <- lm(pressure ~ beauty_index, data = beauty_data)</pre>
summary(beauty_pressure)
##
## Call:
## lm(formula = pressure ~ beauty_index, data = beauty_data)
## Residuals:
               1Q Median
                               3Q
## -2.7194 -0.9198 0.1524 0.9818 2.0008
## Coefficients:
               Estimate Std. Error t value Pr(>|t|)
                           0.16255
                                    17.05 < 2e-16 ***
## (Intercept)
                2.77181
                           0.02263
                                      3.35 0.00114 **
## beauty_index 0.07580
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' 1
## Residual standard error: 1.131 on 100 degrees of freedom
## Multiple R-squared: 0.1009, Adjusted R-squared: 0.09192
## F-statistic: 11.22 on 1 and 100 DF, p-value: 0.00114
unrealistic_unhealthy_anxiety_after <- lm(anxiety_after ~ unrealistic + unhealthy, data = beauty_data)
summary(unrealistic_unhealthy_anxiety_after)
##
## Call:
## lm(formula = anxiety_after ~ unrealistic + unhealthy, data = beauty_data)
##
```

```
## Residuals:
##
     Min 1Q Median 3Q Max
## -2.7532 -1.5282 0.3513 1.3191 3.7933
##
## Coefficients:
## Estimate Std. Error t value Pr(>|t|)
## (Intercept) 3.32749 0.73783 4.510 1.78e-05 ***
## unrealistic 0.13661 0.18733 0.729
                                         0.468
                                        0.732
## unhealthy -0.06434 0.18710 -0.344
## ---
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' ' 1
\mbox{\tt \#\#} Residual standard error: 1.69 on 99 degrees of freedom
## Multiple R-squared: 0.005384, Adjusted R-squared: -0.01471
## F-statistic: 0.2679 on 2 and 99 DF, \, p-value: 0.7655
```