# final\_project\_knitattempt2

jenny

2025-05-14

#### R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see http://rmarkdown.rstudio.com.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
#Import my HINTS6 data
hints6_public <- read_sav("//Users/jennymai/Desktop/SOC542/Final Project/hints6_public.sav")</pre>
```

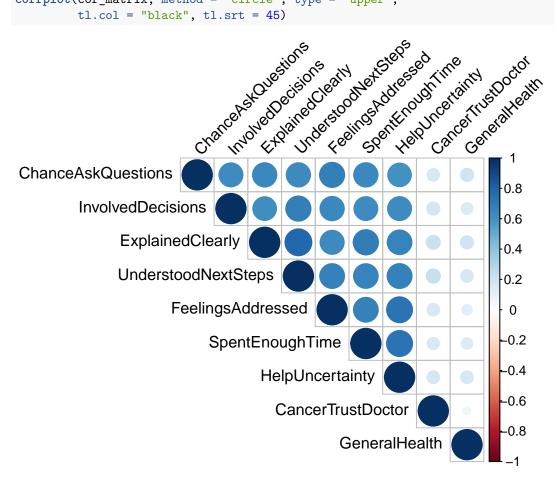
#### **Data Cleaning**

```
#Bivariate correlation
library(corrplot)

vars <- cancer_data_reverse %>%
    dplyr::select(ChanceAskQuestions, InvolvedDecisions, ExplainedClearly, UnderstoodNextSteps, FeelingsAccor_matrix <- cor(vars, use = "pairwise.complete.obs")
round(cor_matrix, 2)</pre>
```

##		ChanceAskQuestions	InvolvedDecisions	ExplainedClearly
##	ChanceAskQuestions	1.00	0.63	0.64
##	${\tt InvolvedDecisions}$	0.63	1.00	0.61
##	ExplainedClearly	0.64	0.61	1.00
##	${\tt UnderstoodNextSteps}$	0.64	0.69	0.78
##	FeelingsAddressed	0.69	0.64	0.63
##	${\tt SpentEnoughTime}$	0.64	0.62	0.70
##	${\tt HelpUncertainty}$	0.61	0.63	0.66
##	${\tt CancerTrustDoctor}$	0.17	0.19	0.22
##	GeneralHealth	0.19	0.15	0.19
##		${\tt UnderstoodNextSteps}$	FeelingsAddressed	SpentEnoughTime
## ##	ChanceAskQuestions	UnderstoodNextSteps 0.64	FeelingsAddressed 0.69	-
	ChanceAskQuestions InvolvedDecisions	-	•	0.64
##	•	0.64	0.69	0.64
## ##	InvolvedDecisions	0.64 0.69	0.69 0.64	0.64 0.62 0.70
## ## ## ##	InvolvedDecisions ExplainedClearly	0.64 0.69 0.78	0.69 0.64 0.63	0.64 0.62 0.70 0.66
## ## ## ##	InvolvedDecisions ExplainedClearly UnderstoodNextSteps	0.64 0.69 0.78 1.00	0.69 0.64 0.63 0.67	0.64 0.62 0.70 0.66 0.67
## ## ## ## ##	InvolvedDecisions ExplainedClearly UnderstoodNextSteps FeelingsAddressed	0.64 0.69 0.78 1.00 0.67	0.69 0.64 0.63 0.67	0.64 0.62 0.70 0.66 0.67 1.00
## ## ## ## ## ##	InvolvedDecisions ExplainedClearly UnderstoodNextSteps FeelingsAddressed SpentEnoughTime	0.64 0.69 0.78 1.00 0.67 0.66	0.69 0.64 0.63 0.67 1.00	0.64 0.62 0.70 0.66 0.67 1.00 0.74

```
## GeneralHealth
                                       0.18
                                                          0.12
                                                                           0.15
##
                        HelpUncertainty CancerTrustDoctor GeneralHealth
## ChanceAskQuestions
                                   0.61
                                                      0.17
                                                                     0.19
## InvolvedDecisions
                                   0.63
                                                      0.19
                                                                     0.15
## ExplainedClearly
                                   0.66
                                                      0.22
                                                                     0.19
## UnderstoodNextSteps
                                   0.68
                                                      0.22
                                                                     0.18
## FeelingsAddressed
                                   0.73
                                                                     0.12
                                                      0.17
                                                                     0.15
## SpentEnoughTime
                                   0.74
                                                      0.16
## HelpUncertainty
                                   1.00
                                                      0.18
                                                                     0.18
## CancerTrustDoctor
                                                      1.00
                                                                     0.06
                                   0.18
## GeneralHealth
                                   0.18
                                                      0.06
                                                                     1.00
corrplot(cor_matrix, method = "circle", type = "upper",
         tl.col = "black", tl.srt = 45)
```



```
#IV - Create PCC index (make mean score of every observation)
cancer_data_reverse <- cancer_data_reverse %>%
    mutate(
        pcc_index_mean = rowMeans(dplyr::select(., ChanceAskQuestions, InvolvedDecisions, ExplainedClearly,
)

#Descriptives for the PCC index (M = 3.389)
summary(cancer_data_reverse$pcc_index_mean)
## Min. 1st Qu. Median Mean 3rd Qu. Max.
```

4.000

4.000

1.286

##

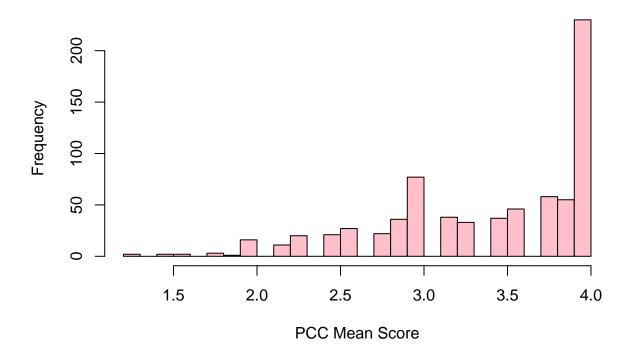
3.000

3.571

3.389

```
#Histogram of the means from the PCC index -- skewed to the right
hist(cancer_data_reverse$pcc_index_mean,
    main = "PCC Index Distribution",
    xlab = "PCC Mean Score", col = "pink", breaks = 20)
```

### **PCC Index Distribution**



```
#Cronbach's alpha (a = 0.88)
library(psych)
alpha(vars)
```

```
##
## Reliability analysis
## Call: alpha(x = vars)
##
##
     raw_alpha std.alpha G6(smc) average_r S/N
                                                   ase mean
                                                              sd median_r
         0.88
                   0.88
                                     0.46 7.6 0.0065 3.4 0.53
##
                            0.9
                                                                    0.62
##
       95% confidence boundaries
##
##
            lower alpha upper
             0.86 0.88 0.89
## Feldt
  Duhachek 0.86 0.88 0.89
##
    Reliability if an item is dropped:
##
##
                       raw_alpha std.alpha G6(smc) average_r S/N alpha se var.r
## ChanceAskQuestions
                            0.85
                                      0.86
                                               0.88
                                                         0.44 6.2
                                                                    0.0078 0.068
## InvolvedDecisions
                            0.85
                                      0.86
                                               0.88
                                                         0.44 6.3
                                                                    0.0078 0.068
```

```
## GeneralHealth
                                                        0.55 9.6
                            0.91
                                      0.91
                                              0.91
                                                                   0.0044 0.046
##
                       med.r
## ChanceAskQuestions
                        0.62
## InvolvedDecisions
                        0.62
## ExplainedClearly
                        0.61
## UnderstoodNextSteps
                        0.61
## FeelingsAddressed
                        0.61
## SpentEnoughTime
                        0.61
## HelpUncertainty
                        0.62
## CancerTrustDoctor
                        0.64
## GeneralHealth
                        0.64
##
##
   Item statistics
                         n raw.r std.r r.cor r.drop mean
##
## ChanceAskQuestions 737
                           0.80 0.80 0.78
                                               0.74 3.5 0.65
## InvolvedDecisions
                           0.79
                                 0.80
                                        0.77
                                               0.72 3.4 0.73
                       737
## ExplainedClearly
                       737 0.83 0.84
                                       0.83
                                               0.78 3.6 0.60
## UnderstoodNextSteps 737
                           0.84 0.85
                                        0.85
                                               0.79 3.5 0.68
## FeelingsAddressed
                       737
                           0.83
                                 0.82 0.81
                                               0.76 3.3 0.80
## SpentEnoughTime
                       737
                           0.83
                                 0.82 0.81
                                               0.76 3.3 0.81
## HelpUncertainty
                       737 0.84
                                 0.83
                                       0.83
                                               0.78 3.2 0.87
## CancerTrustDoctor
                       737
                           0.32
                                 0.37
                                        0.23
                                               0.22 3.8 0.48
## GeneralHealth
                       737
                           0.39
                                0.34
                                       0.21
                                               0.19 3.2 0.97
##
## Non missing response frequency for each item
##
                          1
                               2
                                    3
                                         4
                                              5 miss
## ChanceAskQuestions 0.01 0.07 0.32 0.61 0.00
## InvolvedDecisions
                       0.01 0.10 0.33 0.55 0.00
                                                   0
## ExplainedClearly
                       0.00 0.06 0.32 0.62 0.00
## UnderstoodNextSteps 0.01 0.08 0.31 0.60 0.00
                                                   0
## FeelingsAddressed
                       0.02 0.16 0.35 0.47 0.00
## SpentEnoughTime
                       0.03 0.14 0.36 0.47 0.00
                                                   0
## HelpUncertainty
                       0.04 0.18 0.34 0.44 0.00
## CancerTrustDoctor
                       0.00 0.03 0.17 0.80 0.00
                                                   0
## GeneralHealth
                       0.04 0.20 0.37 0.31 0.08
#Descriptive of demographics
#New data frame with ONLY the PCC index variable, trust, general health, and control variables (n = 740
cancer_d_reverse_index <- cancer_data_reverse %>%
  dplyr::select(pcc_index_mean, CancerTrustDoctor, GeneralHealth, Age, RaceEthn, BirthGender, Education
#Descriptive
datasummary_skim(dplyr::select(cancer_d_reverse_index,
                               pcc_index_mean, CancerTrustDoctor, GeneralHealth,
                               Age, RaceEthn, BirthGender, Education))
```

## ExplainedClearly

## UnderstoodNextSteps

## FeelingsAddressed

## CancerTrustDoctor

## SpentEnoughTime

## HelpUncertainty

0.85

0.85

0.85

0.85

0.85

0.89

0.86

0.86

0.86

0.86

0.86

0.90

0.87

0.87

0.87

0.87

0.87

0.91

0.43 6.0

0.43 6.0

0.43 6.1

0.43 6.1

0.43 6.1

0.54 9.4

0.0078 0.066

0.0080 0.064 0.0081 0.064

0.0081 0.064

0.0083 0.065

0.0063 0.050

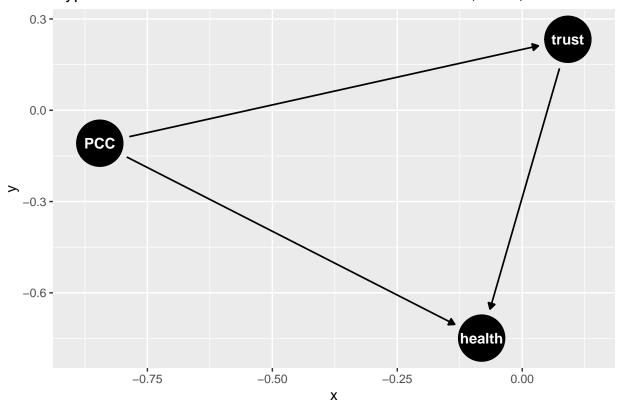
	Unique	Missing Pct.	Mean	SD	Min	Median	Max
pcc_index_mean	20	0	3.4	0.6	1.3	3.6	4.0
${\bf Cancer Trust Doctor}$	4	0	3.8	0.5	1.0	4.0	4.0
GeneralHealth	5	0	3.2	1.0	1.0	3.0	5.0
R1. What is your age?	67	0	68.0	12.2	19.0	69.0	98.0
		N	%				
RaceEthn	Hispanic	60	8.1				
	Non-Hispanic White	566	76.8				
	Black or African American	76	10.3				
	American Indian or Alaska Native	2	0.3				
	Asian	15	2.0				
	Native Hawaiian or other Pacific Islander	0	0.0				
	Multiple Races	18	2.4				
BirthGender	Female	431	58.5				
	Male	306	41.5				
Education	College graduate	180	24.4				
	High school or less	155	21.0				
	Postgraduate	171	23.2				
	Some college	176	23.9				
	Vocational school	55	7.5				

### $\mathbf{D}\mathbf{A}\mathbf{G}$

```
library(dagitty)
library(ggdag)
dag_model <- dagitty('dag {
   PCC -> trust
   trust -> health
   PCC -> health
}')

ggdag(dag_model, text = TRUE) +
   ggtitle("Hypothesized Model: Patient-centered communication, Trust, and Health")
```

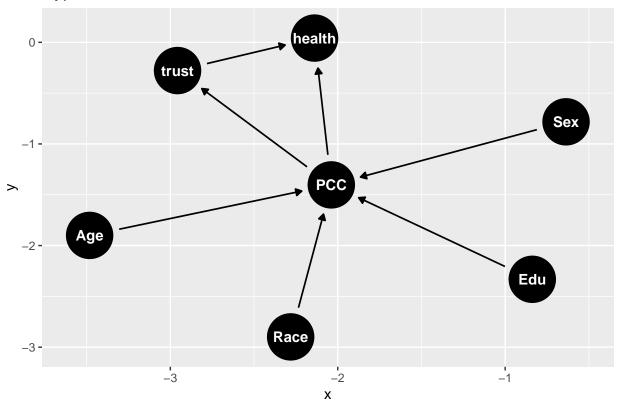
# Hypothesized Model: Patient-centered communication, Trust, and Health



```
#DAG 2 with control variables
dag_model <- dagitty('dag {
   PCC -> trust
   trust -> health
   PCC -> health
   Age -> PCC
   Sex -> PCC
   Edu -> PCC
   Race -> PCC
}')
```

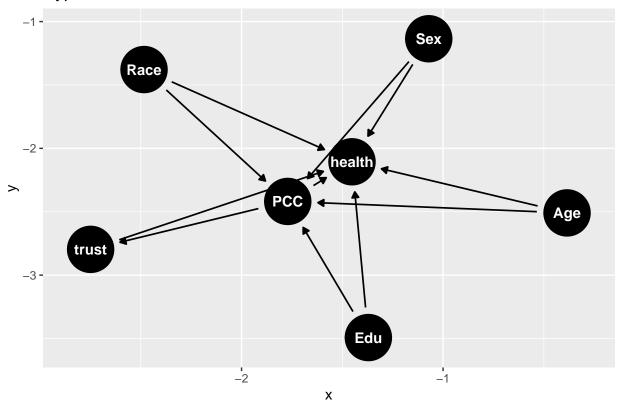
```
ggdag(dag_model, text = TRUE) +
ggtitle("Hypothesized Model: PCC, Trust, Health, and Controls")
```

# Hypothesized Model: PCC, Trust, Health, and Controls



```
#DAG 3 with control variables
dag_model3 <- dagitty('dag {</pre>
  PCC -> trust
  trust -> health
  PCC -> health
  Age -> PCC
  Sex -> PCC
  Edu -> PCC
 Race -> PCC
 Age -> health
  Sex -> health
 Edu -> health
 Race -> health
}')
ggdag(dag_model3, text = TRUE) +
ggtitle("Hypothesized Model: PCC, Trust, Health, and Controls")
```

### Hypothesized Model: PCC, Trust, Health, and Controls



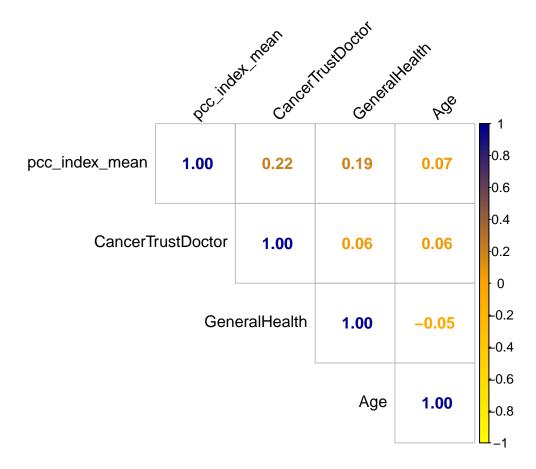
### Correlation with PCC index

method = "number",
type = "upper",
tl.col = "black",
tl.srt = 45,
number.cex = 1,

number.font = 2)

```
#NEW correlation matrix with the main variables after PCC becomes an index
vars2 <- cancer_d_reverse_index %>%
 dplyr::select(pcc_index_mean, CancerTrustDoctor, GeneralHealth, Age)
cor_matrix2 <- cor(vars2, use = "pairwise.complete.obs")</pre>
round(cor_matrix2, 2)
##
                     pcc_index_mean CancerTrustDoctor GeneralHealth
                                                                       Age
## pcc_index_mean
                               1.00
                                                 0.22
                                                                0.19 0.07
## CancerTrustDoctor
                               0.22
                                                                0.06 0.06
                                                  1.00
## GeneralHealth
                                                 0.06
                                                               1.00 -0.05
                               0.19
## Age
                               0.07
                                                 0.06
                                                               -0.05 1.00
corrplot(cor_matrix2,
```

col = colorRampPalette(c("yellow", "orange", "darkblue"))(200),



### OLS

```
#PCC variable (IV) will be treated as a continuous variable. GeneralHealth (DV) is a continuous variable
#H1: PCC -> TRUST / OLS1 (with no controls)
ols1 <- lm(CancerTrustDoctor ~ pcc_index_mean, data = cancer_d_reverse_index)</pre>
summary(ols1)
##
## Call:
## lm(formula = CancerTrustDoctor ~ pcc_index_mean, data = cancer_d_reverse_index)
##
## Residuals:
##
               1Q Median
##
## Coefficients:
                 Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                 3.19371
                            0.09668
                                     33.03 < 2e-16 ***
## pcc_index_mean 0.17147
                            0.02806
                                      6.11 1.62e-09 ***
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' 1
##
```

```
## Residual standard error: 0.4728 on 735 degrees of freedom
## Multiple R-squared: 0.04834, Adjusted R-squared: 0.04704
## F-statistic: 37.33 on 1 and 735 DF, p-value: 1.616e-09

modelsummary(
    lm(CancerTrustDoctor ~ pcc_index_mean, data = cancer_d_reverse_index),
    statistic = "std.error",
    stars = TRUE,
    fmt = 2,
    title = "PCC Predicting Trust",
    output = "huxtable"
)
```

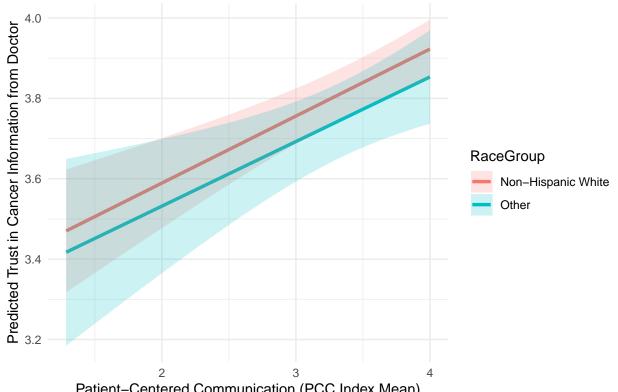
Table 1: PCC Predicting Trust

	(1)	
(Intercept)	3.19***	
	(0.10)	
$pcc\_index\_mean$	0.17***	
	(0.03)	
Num.Obs.	737	
R2	0.048	
R2 Adj.	0.047	
AIC	991.2	
BIC	1005.0	
Log.Lik.	-492.605	
F	37.332	
RMSE	0.47	
+ p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001		

```
ols1_1 <- lm(CancerTrustDoctor ~ pcc_index_mean + Age + race_white + BirthGender + education_college, d
summary(ols1_1)
##
## Call:
## lm(formula = CancerTrustDoctor ~ pcc_index_mean + Age + race_white +
      BirthGender + education_college, data = cancer_d_reverse_index)
##
## Residuals:
##
                 1Q Median
       Min
                                  30
                                          Max
## -2.93086 0.07469 0.15514 0.25385 0.56681
## Coefficients:
##
                   Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                   ## pcc_index_mean
## Age
                    0.001850 0.001463 1.265
                                                 0.206
                    0.065408 0.041938 1.560
## race_white
                                                 0.119
## BirthGenderMale 0.001351 0.036118 0.037
                                                 0.970
## education_college 0.057208 0.035388 1.617
                                               0.106
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' 1
## Residual standard error: 0.4716 on 731 degrees of freedom
## Multiple R-squared: 0.05828,
                                 Adjusted R-squared: 0.05184
## F-statistic: 9.048 on 5 and 731 DF, p-value: 2.332e-08
modelsummary(
  lm(CancerTrustDoctor ~ pcc_index_mean + Age + race_white + BirthGender + education_college, data = ca
  statistic = "std.error",
 stars = TRUE,
 fmt = 2,
 title = "PCC Predicting Trust",
  output = "huxtable"
)
#given that race sort of helps to explain the relationship between PCC and trust, I am trying to compar
ols_race <- lm(CancerTrustDoctor ~ pcc_index_mean * race_white + Age + education_college + BirthGender,
              data = cancer_d_reverse_index)
pred_data <- expand.grid(</pre>
  pcc_index_mean = seq(min(cancer_d_reverse_index_pcc_index_mean, na.rm = TRUE),
                      max(cancer_d_reverse_index$pcc_index_mean, na.rm = TRUE),
                      length.out = 100),
 race_white = c(0, 1),
 Age = mean(cancer_d_reverse_index$Age, na.rm = TRUE),
  education_college = 1,
  BirthGender = "Male"
)
ci <- predict(ols_race, newdata = pred_data, interval = "confidence")</pre>
pred_data$predicted <- ci[, "fit"]</pre>
```

```
pred_data$ci_lower <- ci[, "lwr"]</pre>
pred_data$ci_upper <- ci[, "upr"]</pre>
pred_data$RaceGroup <- ifelse(pred_data$race_white == 1, "Non-Hispanic White", "Other")</pre>
ggplot(pred_data, aes(x = pcc_index_mean, y = predicted, color = RaceGroup, fill = RaceGroup)) +
  geom_line(size = 1.2) +
  geom_ribbon(aes(ymin = ci_lower, ymax = ci_upper), alpha = 0.2, color = NA) +
    x = "Patient-Centered Communication (PCC Index Mean)",
    y = "Predicted Trust in Cancer Information from Doctor",
    title = "PCC on Predicted Trust: Comparing Non-Hispanic Whites and Other Groups"
 theme_minimal()
```

### PCC on Predicted Trust: Comparing Non-Hispanic Whites and Other Group



Patient-Centered Communication (PCC Index Mean)

```
#PCC variable (IV) will be treated as a continuous variable. GeneralHealth (DV) is a continuous variabl
#H2: PCC -> HEALTH / OLS2
#0LS2 = pcc -> general health (with controls)
ols2 <- lm(GeneralHealth ~ pcc_index_mean + Age + race_white + BirthGender + education_college, data =
summary(ols2)
```

```
##
## Call:
## lm(formula = GeneralHealth ~ pcc_index_mean + Age + race_white +
       BirthGender + education_college, data = cancer_d_reverse_index)
##
```

```
##
## Residuals:
                 1Q Median
## -2.57603 -0.63329 0.01497 0.67853 2.23078
## Coefficients:
                    Estimate Std. Error t value Pr(>|t|)
                                         8.069 2.92e-15 ***
## (Intercept)
                    2.118970 0.262619
## pcc_index_mean
                   0.288249 0.054855
                                         5.255 1.95e-07 ***
## Age
                    -0.003931 0.002854 -1.377 0.16889
## race_white
                    0.227614 0.081838
                                         2.781 0.00555 **
                               0.070481 -0.645 0.51900
## BirthGenderMale -0.045475
## education_college 0.459956
                                0.069056
                                         6.661 5.36e-11 ***
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' ' 1
## Residual standard error: 0.9202 on 731 degrees of freedom
## Multiple R-squared: 0.11, Adjusted R-squared: 0.1039
## F-statistic: 18.07 on 5 and 731 DF, p-value: < 2.2e-16
modelsummary(
 lm(GeneralHealth ~ pcc_index_mean + Age + race_white + BirthGender + education_college, data = cancer
 statistic = "std.error",
 stars = TRUE,
 fmt = 2,
 title = "PCC Predicting General Health",
 output = "huxtable"
)
#OLS4 PCC + trust -> health
ols4 <- lm(GeneralHealth ~ pcc_index_mean + CancerTrustDoctor + Age + race_white + BirthGender + educat
summary(ols4)
##
## lm(formula = GeneralHealth ~ pcc_index_mean + CancerTrustDoctor +
      Age + race_white + BirthGender + education_college, data = cancer_d_reverse_index)
##
## Residuals:
       Min
                 1Q Median
                                   3Q
## -2.57622 -0.63352 0.01921 0.67701 2.23394
##
## Coefficients:
##
                     Estimate Std. Error t value Pr(>|t|)
                                         6.173 1.11e-09 ***
## (Intercept)
                     2.106048
                               0.341146
## pcc_index_mean
                     0.287541
                               0.056171
                                         5.119 3.93e-07 ***
## CancerTrustDoctor 0.004290
                                         0.059 0.95265
                              0.072224
                    -0.003939
                               0.002859 -1.377 0.16879
## Age
                                         2.771 0.00572 **
## race_white
                    0.227334
                               0.082030
## BirthGenderMale -0.045481
                               0.070529 -0.645 0.51923
## education_college 0.459711
                               0.069226 6.641 6.10e-11 ***
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' ' 1
```

```
##
## Residual standard error: 0.9208 on 730 degrees of freedom
## Multiple R-squared: 0.11, Adjusted R-squared: 0.1027
## F-statistic: 15.04 on 6 and 730 DF, p-value: 2.875e-16
modelsummary(
 lm(GeneralHealth ~ pcc_index_mean + CancerTrustDoctor + Age + race_white + BirthGender + education_co
 statistic = "std.error",
 stars = TRUE,
 fmt = 2,
 title = "PCC and Trust Predicting General Health with Controls",
 output = "huxtable"
#OLS5 PCC * trust -> health
ols5 <- lm(GeneralHealth ~ pcc_index_mean + pcc_index_mean*CancerTrustDoctor + Age + race_white + Birth
summary(ols5)
##
## Call:
## lm(formula = GeneralHealth ~ pcc_index_mean + pcc_index_mean *
      CancerTrustDoctor + Age + race_white + BirthGender + education_college,
##
##
      data = cancer_d_reverse_index)
##
## Residuals:
##
       Min
                1Q Median
                                3Q
                                       Max
## -2.56459 -0.62625 0.01157 0.67978 2.21754
## Coefficients:
##
                                 Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                                1.435957 1.246602 1.152 0.24974
                                0.503734 0.390888 1.289 0.19791
## pcc index mean
                                ## CancerTrustDoctor
## Age
                                -0.003985 0.002862 -1.393 0.16417
## race_white
                                ## BirthGenderMale
## education college
                                ## pcc index mean:CancerTrustDoctor -0.058197  0.104130  -0.559  0.57641
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
## Residual standard error: 0.9213 on 729 degrees of freedom
## Multiple R-squared: 0.1104, Adjusted R-squared: 0.1018
## F-statistic: 12.92 on 7 and 729 DF, p-value: 1.014e-15
modelsummary(
 lm(GeneralHealth ~ pcc_index_mean + pcc_index_mean*CancerTrustDoctor + Age + race_white + BirthGender
 statistic = "std.error",
 stars = TRUE,
 title = "Interaction of PCC x trust on Health with Controls",
 output = "huxtable"
```

Table 2: PCC Predicting Trust

	(1)
(Intercept)	3.01***
	(0.13)
pcc_index_mean	0.17***
	(0.03)
Age	0.00
	(0.00)
race_white	0.07
	(0.04)
${\bf Birth Gender Male}$	0.00
	(0.04)
education_college	0.06
	(0.04)
Num.Obs.	737
R2	0.058
R2 Adj.	0.052
AIC	991.5
BIC	1023.7
Log.Lik.	-488.734
F	9.048
RMSE	0.47
+ p < 0.1, * p < 0.0	05, ** p < 0.01, *** p < 0.001

Table 3: PCC Predicting General Health

(1) 2.12***
(0.00)
(0.26)
0.29***
(0.05)
-0.00
(0.00)
0.23**
(0.08)
-0.05
(0.07)
0.46***
(0.07)
737
0.110
0.104
1976.9
2009.1
-981.450
18.066
0.92

Table 4: PCC and Trust Predicting General Health with Controls

	(1)
(Intercept)	2.11***
	(0.34)
pcc_index_mean	0.29***
	(0.06)
${\bf CancerTrustDoctor}$	0.00
	(0.07)
Age	-0.00
	(0.00)
race_white	0.23**
	(0.08)
${\bf Birth Gender Male}$	-0.05
	(0.07)
education_college	0.46***
	(0.07)
Num.Obs.	737
R2	0.110
R2 Adj.	0.103
AIC	1978.9
BIC	2015.7
Log.Lik.	-981.448
F	15.035

Table 5: Interaction of PCC x trust on Health with Controls

	(1)
(Intercept)	1.44
	(1.25)
pcc_index_mean	0.50
	(0.39)
CancerTrustDoctor	0.19
	(0.33)
Age	-0.00
	(0.00)
race_white	0.23**
	(0.08)
BirthGenderMale	-0.05
	(0.07)
education_college	0.46***
	(0.07)
$pcc\_index\_mean \times CancerTrustDocte$	or -0.06
	(0.10)
Num.Obs.	737
R2	0.110
R2 Adj.	0.102
AIC	1980.6
BIC	2022.0
Log.Lik.	-981.290
F	12.920