Can A Balanced Endorsement of Self-Enhancement and Self-Transcendence Values Be Measured? An Investigation Using European Social Survey Data

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```
library(tidyverse)
```

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.1 --
```

```
## v ggplot2 3.3.3     v purrr   0.3.4
## v tibble  3.1.1     v dplyr   1.0.6
## v tidyr   1.1.3     v stringr 1.4.0
## v readr   1.4.0     v forcats 0.5.1
```

```
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```
library(psych)
```

```
##
## Attaching package: 'psych'
```

```
## The following objects are masked from 'package:ggplot2':
##
##     %+%, alpha
```

```
library(jtools)
library(survey)
```

```
## Loading required package: grid
```

```
## Loading required package: Matrix
```

```
##
## Attaching package: 'Matrix'
```

```
## The following objects are masked from 'package:tidyr':
##
##     expand, pack, unpack
```

```
## Loading required package: survival
```

```
##
## Attaching package: 'survey'
```

```
## The following object is masked from 'package:graphics':
##
##     dotchart
```

```
library(Matrix)
library(summarytools)
```

```
## Registered S3 method overwritten by 'pryr':
##   method      from
##   print.bytes Rcpp
```

```
## For best results, restart R session and update pander using devtools:: or remotes::install_github('rapport
er/pander')
```

```
##
## Attaching package: 'summarytools'
```

```
## The following object is masked from 'package:tibble':
##
##     view
```

```
library(DataExplorer)
library(dotwhisker)
library(kableExtra)
```

```
##
## Attaching package: 'kableExtra'
```

```
## The following object is masked from 'package:dplyr':
##
##     group_rows
```

```
rm(list = ls())             # used to delete objects from the memory/global environment. Will reload needed d
ataset on line 24
setwd(".")                  # setting the working directory, the directory, where the R project is saved and
dataset "E_raw.Rdata" was saved to
getwd()                    # to check if the right wd is set! if the parent directory is needed, for some rea
son, setwd("..")
```

```
## [1] "C:/Users/elli/Dropbox/UMannheim_Thesis_Group/004 Data Analyses_Tables_Figures_Information/R Code/Heid
i Reviewed R Files"
```

```
# loading dataset
load("E_completeCases.Rdata")  # alternatively loading "E_prepared.Rdata", which is cleaned and prepared but
including all available cases, not only complete cases
#load("E_prepared.Rdata")
```

```
########################################
# (Step 10)  DESCRIPTIVE ANALYSES
########################################
# (10.1) Check Product Moments of All Variables
# defining a vector of variables in order to compute the descriptive summaries for the selected vars
vars <- c("healthR", "swb", "soctrst", "trstprl", "DBS9", "SDSo", "STR", "SEN", "gndr", "agea", "eduyrs", "rl
gdgr","vote1", "essround")
nE <- E[vars]
ov <- descr(nE, style = 'rmarkdown')
print(ov, digits = 3)
```

Descriptive Statistics
nE
N: 295743
##

	agea	DBS9	eduyrs	essround	gndr
Mean	50.047	0.734	12.673	5.057	1.535
Std.Dev	17.472	0.169	3.982	2.513	0.499
Min	14.000	0.000	0.000	1.000	1.000
Q1	36.000	0.639	10.000	3.000	1.000
Median	50.000	0.769	12.000	5.000	2.000
Q3	64.000	0.862	15.000	7.000	2.000
Max	105.000	1.000	25.000	9.000	2.000
MAD	20.756	0.156	4.448	2.965	0.000
IQR	28.000	0.223	5.000	4.000	1.000
CV	0.349	0.231	0.314	0.497	0.325
Skewness	0.095	-1.030	-0.008	-0.010	-0.141
SE.Skewness	0.005	0.005	0.005	0.005	0.005
Kurtosis	-0.888	0.954	0.498	-1.151	-1.980
N.Valid	294813.000	295743.000	293334.000	295743.000	295588.000
Pct.Valid	99.686	100.000	99.185	100.000	99.948

##
Table: Table continues below
##
##
##

	healthR	rlgdgr	SDSo	SEN	soctrst
Mean	3.756	4.529	1.357	3.495	5.285
Std.Dev	0.911	2.998	1.123	0.977	1.935
Min	1.000	0.000	-4.333	1.000	0.000
Q1	3.000	2.000	0.583	2.750	4.000
Median	4.000	5.000	1.333	3.500	5.333
Q3	4.000	7.000	2.083	4.250	6.667
Max	5.000	10.000	5.000	6.000	10.000
MAD	1.483	2.965	1.112	1.112	1.977
IQR	1.000	5.000	1.500	1.500	2.667
CV	0.243	0.662	0.827	0.279	0.366
Skewness	-0.503	-0.044	0.151	-0.043	-0.373
SE.Skewness	0.005	0.005	0.005	0.005	0.005
Kurtosis	0.011	-1.061	-0.019	-0.454	-0.150
N.Valid	295743.000	293900.000	295743.000	295743.000	295743.000
Pct.Valid	100.000	99.377	100.000	100.000	100.000

##
Table: Table continues below
##
##
##

	STR	swb	trstprl	vote1
Mean	4.853	7.114	4.435	0.783
Std.Dev	0.694	1.941	2.551	0.412
Min	1.000	0.000	0.000	0.000
Q1	4.417	6.000	3.000	1.000
Median	4.917	7.500	5.000	1.000
Q3	5.333	8.500	6.000	1.000
Max	6.000	10.000	10.000	1.000
MAD	0.618	1.483	2.965	0.000
IQR	0.917	2.500	3.000	0.000
CV	0.143	0.273	0.575	0.526
Skewness	-0.715	-0.912	-0.096	-1.376
SE.Skewness	0.005	0.005	0.005	0.005
Kurtosis	0.771	0.716	-0.770	-0.106
N.Valid	295743.000	295743.000	295743.000	295743.000
Pct.Valid	100.000	100.000	100.000	100.000

```
#dfSummary(nE, style = 'grid', graph.magnif = 0.75, varnumbers = FALSE, valid.col = FALSE, tmp.img.dir = "/tmp")
#print(dfSummary(nE, graph.magnif = 0.75), method = 'render')
freq(nE, plain.ascii = FALSE, style = "rmarkdown")
```

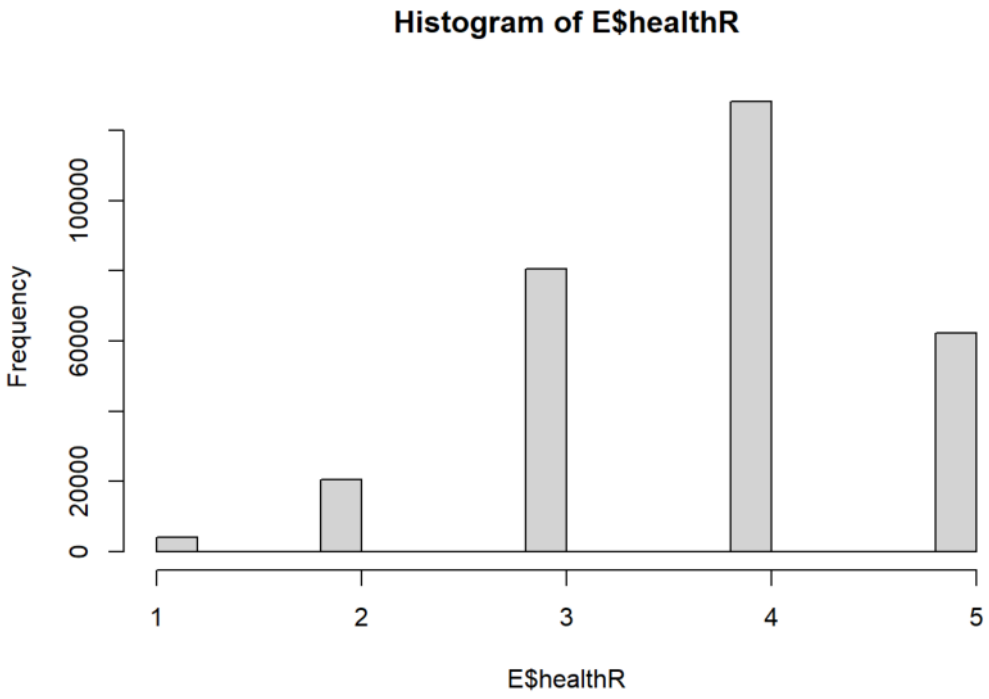
```
## Variable(s) ignored: soctrst, DBS9, SDSo, STR, agea, eduyrs
```

Frequencies
nE$healthR
Type: Numeric
##
| | Freq | % Valid | % Valid Cum. | % Total | % Total Cum. |
|---:|---:|---:|---:|---:|---:|
| **1** | 4178 | 1.41 | 1.41 | 1.41 | 1.41 |
| **2** | 20650 | 6.98 | 8.40 | 6.98 | 8.40 |
| **3** | 80576 | 27.25 | 35.64 | 27.25 | 35.64 |
| **4** | 128059 | 43.30 | 78.94 | 43.30 | 78.94 |
| **5** | 62280 | 21.06 | 100.00 | 21.06 | 100.00 |
| **\<NA\>** | 0 | | | 0.00 | 100.00 |
| **Total** | 295743 | 100.00 | 100.00 | 100.00 | 100.00 |
##
nE$swb
Type: Numeric
##
| | Freq | % Valid | % Valid Cum. | % Total | % Total Cum. |
|---:|---:|---:|---:|---:|---:|
| **0** | 1071 | 0.36 | 0.36 | 0.36 | 0.36 |
| **0.5** | 552 | 0.19 | 0.55 | 0.19 | 0.55 |
| **1** | 1127 | 0.38 | 0.93 | 0.38 | 0.93 |
| **1.5** | 1419 | 0.48 | 1.41 | 0.48 | 1.41 |
| **2** | 2136 | 0.72 | 2.13 | 0.72 | 2.13 |
| **2.5** | 3428 | 1.16 | 3.29 | 1.16 | 3.29 |
| **3** | 4510 | 1.52 | 4.82 | 1.52 | 4.82 |
| **3.5** | 5186 | 1.75 | 6.57 | 1.75 | 6.57 |
| **4** | 7696 | 2.60 | 9.17 | 2.60 | 9.17 |
| **4.5** | 7785 | 2.63 | 11.80 | 2.63 | 11.80 |
| **5** | 17126 | 5.79 | 17.60 | 5.79 | 17.60 |
| **5.5** | 12380 | 4.19 | 21.78 | 4.19 | 21.78 |
| **6** | 17628 | 5.96 | 27.74 | 5.96 | 27.74 |
| **6.5** | 19167 | 6.48 | 34.22 | 6.48 | 34.22 |
| **7** | 30552 | 10.33 | 44.55 | 10.33 | 44.55 |
| **7.5** | 29665 | 10.03 | 54.58 | 10.03 | 54.58 |
| **8** | 48550 | 16.42 | 71.00 | 16.42 | 71.00 |
| **8.5** | 26701 | 9.03 | 80.03 | 9.03 | 80.03 |
| **9** | 30807 | 10.42 | 90.45 | 10.42 | 90.45 |
| **9.5** | 10968 | 3.71 | 94.15 | 3.71 | 94.15 |
| **10** | 17289 | 5.85 | 100.00 | 5.85 | 100.00 |
| **\<NA\>** | 0 | | | 0.00 | 100.00 |
| **Total** | 295743 | 100.00 | 100.00 | 100.00 | 100.00 |
##
nE$trstprl
Type: Numeric
##
| | Freq | % Valid | % Valid Cum. | % Total | % Total Cum. |
|---:|---:|---:|---:|---:|---:|
| **0** | 29927 | 10.12 | 10.12 | 10.12 | 10.12 |
| **1** | 16111 | 5.45 | 15.57 | 5.45 | 15.57 |
| **2** | 25397 | 8.59 | 24.15 | 8.59 | 24.15 |
| **3** | 34750 | 11.75 | 35.90 | 11.75 | 35.90 |
| **4** | 31770 | 10.74 | 46.65 | 10.74 | 46.65 |
| **5** | 54815 | 18.53 | 65.18 | 18.53 | 65.18 |
| **6** | 33313 | 11.26 | 76.45 | 11.26 | 76.45 |
| **7** | 34166 | 11.55 | 88.00 | 11.55 | 88.00 |
| **8** | 23825 | 8.06 | 96.05 | 8.06 | 96.05 |
| **9** | 6986 | 2.36 | 98.42 | 2.36 | 98.42 |
| **10** | 4683 | 1.58 | 100.00 | 1.58 | 100.00 |
| **\<NA\>** | 0 | | | 0.00 | 100.00 |
| **Total** | 295743 | 100.00 | 100.00 | 100.00 | 100.00 |
##
nE$SEN
Type: Numeric
##
| | Freq | % Valid | % Valid Cum. | % Total | % Total Cum. |
|---:|---:|---:|---:|---:|---:|

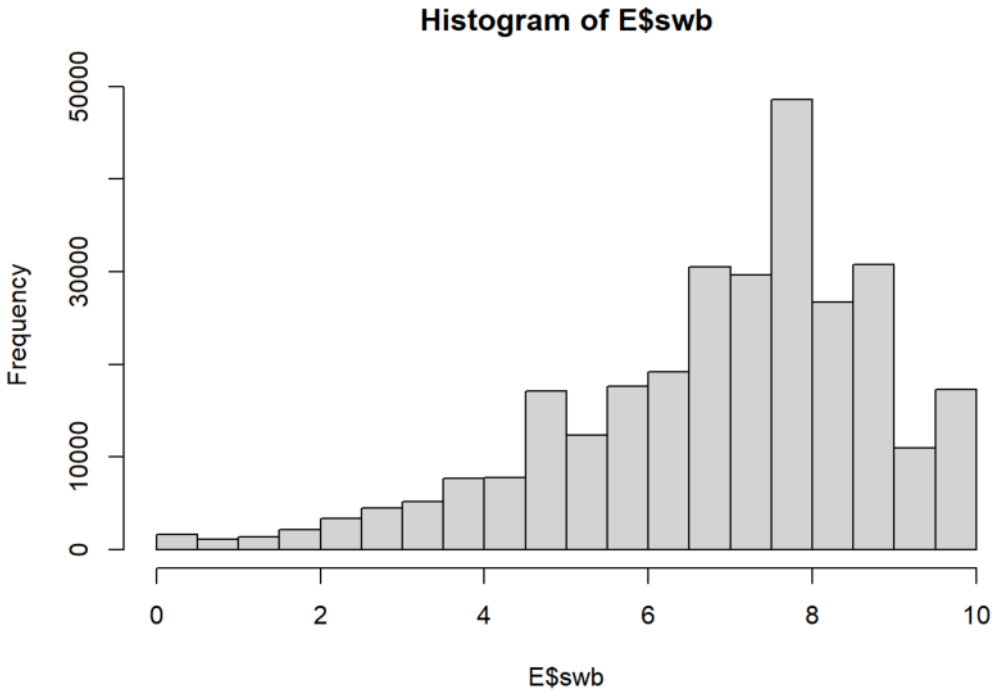
| **1** | 1426 | 0.48 | 0.48 | 0.48 | 0.48 |
| **1.25** | 2076 | 0.70 | 1.18 | 0.70 | 1.18 |
| **1.5** | 3827 | 1.29 | 2.48 | 1.29 | 2.48 |
| **1.75** | 6641 | 2.25 | 4.72 | 2.25 | 4.72 |
| **2** | 12794 | 4.33 | 9.05 | 4.33 | 9.05 |
| **2.25** | 14404 | 4.87 | 13.92 | 4.87 | 13.92 |
| **2.5** | 18209 | 6.16 | 20.08 | 6.16 | 20.08 |
| **2.75** | 21534 | 7.28 | 27.36 | 7.28 | 27.36 |
| **3** | 24245 | 8.20 | 35.56 | 8.20 | 35.56 |
| **3.25** | 26542 | 8.97 | 44.53 | 8.97 | 44.53 |
| **3.5** | 28766 | 9.73 | 54.26 | 9.73 | 54.26 |
| **3.75** | 27767 | 9.39 | 63.65 | 9.39 | 63.65 |
| **4** | 26506 | 8.96 | 72.61 | 8.96 | 72.61 |
| **4.25** | 23754 | 8.03 | 80.64 | 8.03 | 80.64 |
| **4.5** | 19455 | 6.58 | 87.22 | 6.58 | 87.22 |
| **4.75** | 14573 | 4.93 | 92.15 | 4.93 | 92.15 |
| **5** | 10206 | 3.45 | 95.60 | 3.45 | 95.60 |
| **5.25** | 6143 | 2.08 | 97.68 | 2.08 | 97.68 |
| **5.5** | 3857 | 1.30 | 98.98 | 1.30 | 98.98 |
| **5.75** | 2022 | 0.68 | 99.66 | 0.68 | 99.66 |
| **6** | 996 | 0.34 | 100.00 | 0.34 | 100.00 |
| **\<NA\>** | 0 | | | 0.00 | 100.00 |
| **Total** | 295743 | 100.00 | 100.00 | 100.00 | 100.00 |
##
nE$gndr
Type: Numeric
##
| | Freq | % Valid | % Valid Cum. | % Total | % Total Cum. |
|-----------:|-------:|--------:|-------------:|--------:|-------------:|
| **1** | 137384 | 46.478 | 46.478 | 46.454 | 46.454 |
| **2** | 158204 | 53.522 | 100.000 | 53.494 | 99.948 |
| **\<NA\>** | 155 | | | 0.052 | 100.000 |
| **Total** | 295743 | 100.000 | 100.000 | 100.000 | 100.000 |
##
nE$rlgdgr
Type: Numeric
##
| | Freq | % Valid | % Valid Cum. | % Total | % Total Cum. |
|-----------:|-------:|--------:|-------------:|--------:|-------------:|
| **0** | 45950 | 15.63 | 15.63 | 15.54 | 15.54 |
| **1** | 17737 | 6.04 | 21.67 | 6.00 | 21.53 |
| **2** | 22118 | 7.53 | 29.20 | 7.48 | 29.01 |
| **3** | 24419 | 8.31 | 37.50 | 8.26 | 37.27 |
| **4** | 19603 | 6.67 | 44.17 | 6.63 | 43.90 |
| **5** | 48296 | 16.43 | 60.61 | 16.33 | 60.23 |
| **6** | 28715 | 9.77 | 70.38 | 9.71 | 69.94 |
| **7** | 32954 | 11.21 | 81.59 | 11.14 | 81.08 |
| **8** | 28225 | 9.60 | 91.19 | 9.54 | 90.62 |
| **9** | 11546 | 3.93 | 95.12 | 3.90 | 94.53 |
| **10** | 14337 | 4.88 | 100.00 | 4.85 | 99.38 |
| **\<NA\>** | 1843 | | | 0.62 | 100.00 |
| **Total** | 295743 | 100.00 | 100.00 | 100.00 | 100.00 |
##
nE$vote1
Type: Numeric
##
| | Freq | % Valid | % Valid Cum. | % Total | % Total Cum. |
|-----------:|-------:|--------:|-------------:|--------:|-------------:|
| **0** | 64045 | 21.66 | 21.66 | 21.66 | 21.66 |
| **1** | 231698 | 78.34 | 100.00 | 78.34 | 100.00 |
| **\<NA\>** | 0 | | | 0.00 | 100.00 |
| **Total** | 295743 | 100.00 | 100.00 | 100.00 | 100.00 |
##
nE$essround
Type: Numeric
##
| | Freq | % Valid | % Valid Cum. | % Total | % Total Cum. |
|-----------:|-------:|--------:|-------------:|--------:|-------------:|

```
## |      **1** |  28128 |    9.51 |          9.51 |    9.51 |         9.51 |
## |      **2** |  31831 |   10.76 |         20.27 |   10.76 |        20.27 |
## |      **3** |  32753 |   11.07 |         31.35 |   11.07 |        31.35 |
## |      **4** |  34082 |   11.52 |         42.87 |   11.52 |        42.87 |
## |      **5** |  35766 |   12.09 |         54.97 |   12.09 |        54.97 |
## |      **6** |  38534 |   13.03 |         68.00 |   13.03 |        68.00 |
## |      **7** |  31276 |   10.58 |         78.57 |   10.58 |        78.57 |
## |      **8** |  30173 |   10.20 |         88.77 |   10.20 |        88.77 |
## |      **9** |  33200 |   11.23 |        100.00 |   11.23 |       100.00 |
## | **\<NA\>** |      0 |         |                |    0.00 |       100.00 |
## |  **Total** | 295743 |  100.00 |        100.00 |  100.00 |       100.00 |
```

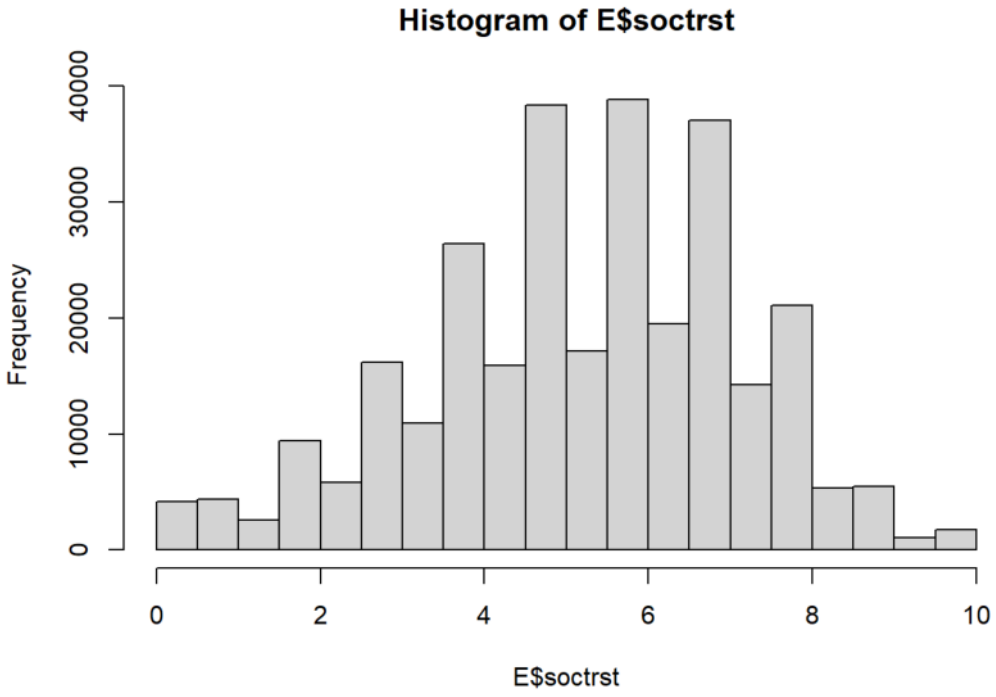
```
# (10.2) Histograms
hist(E$healthR)
```



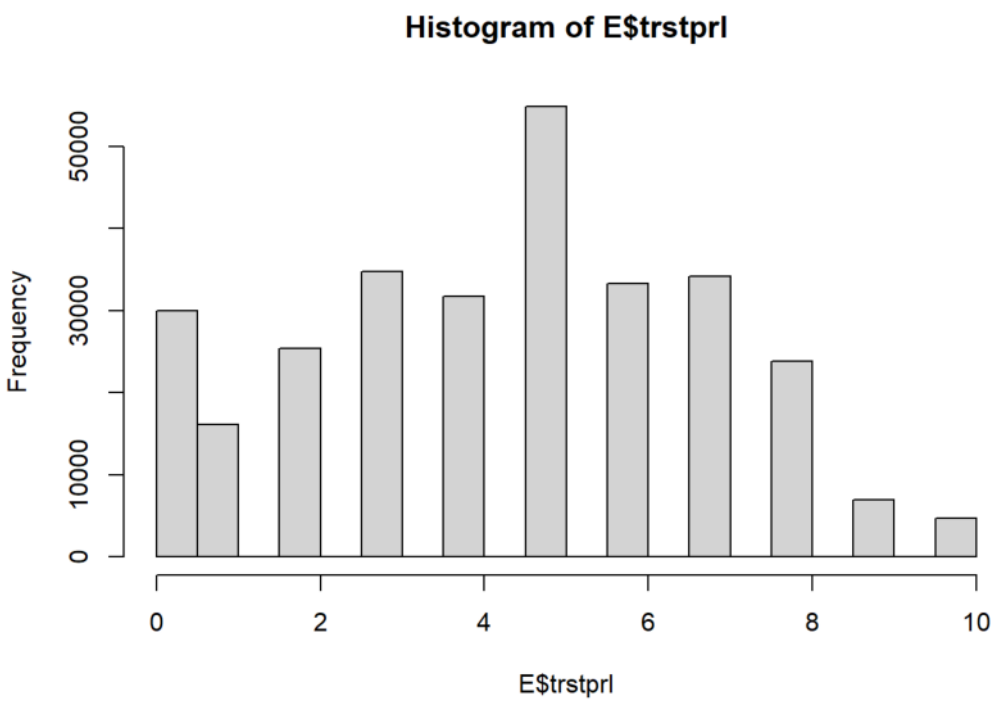

```
hist(E$swb)
```



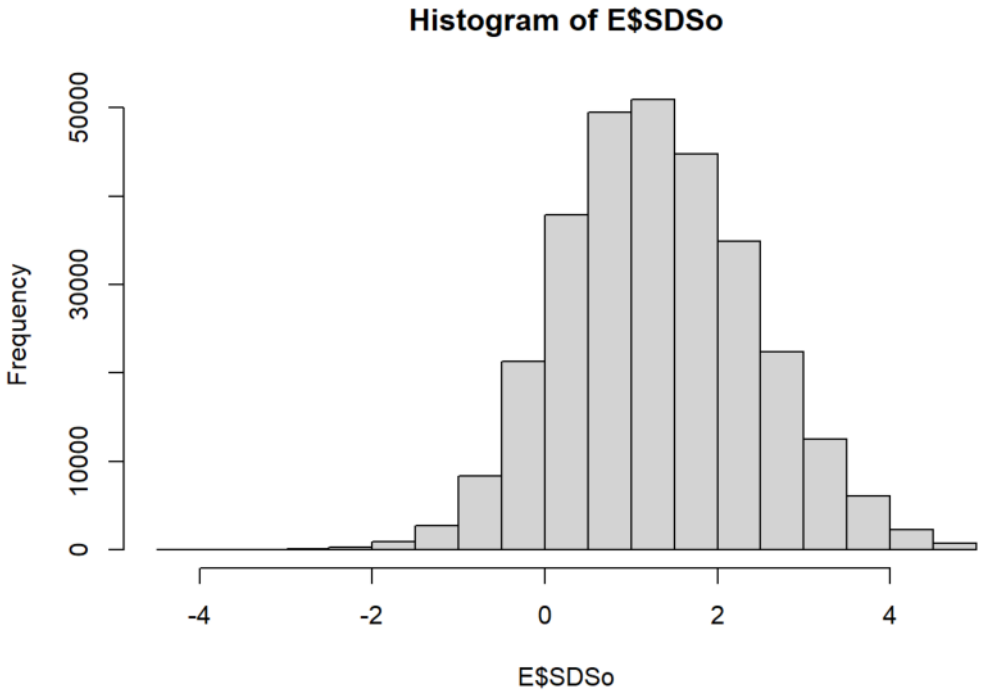

```
hist(E$soctrst)
```



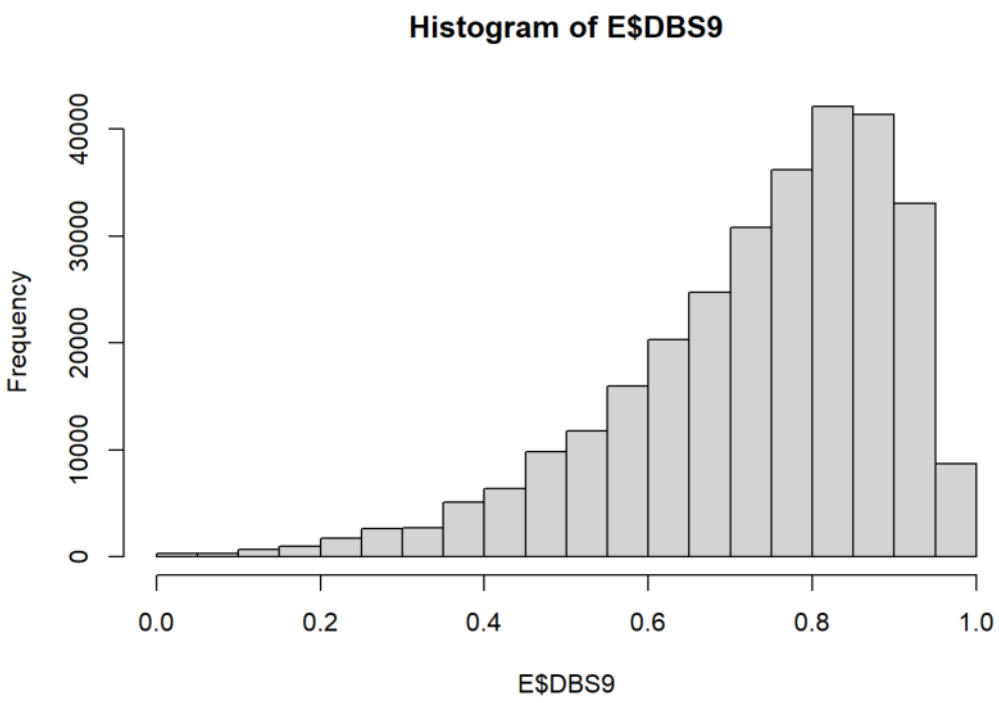

```
hist(E$trstprl)
```



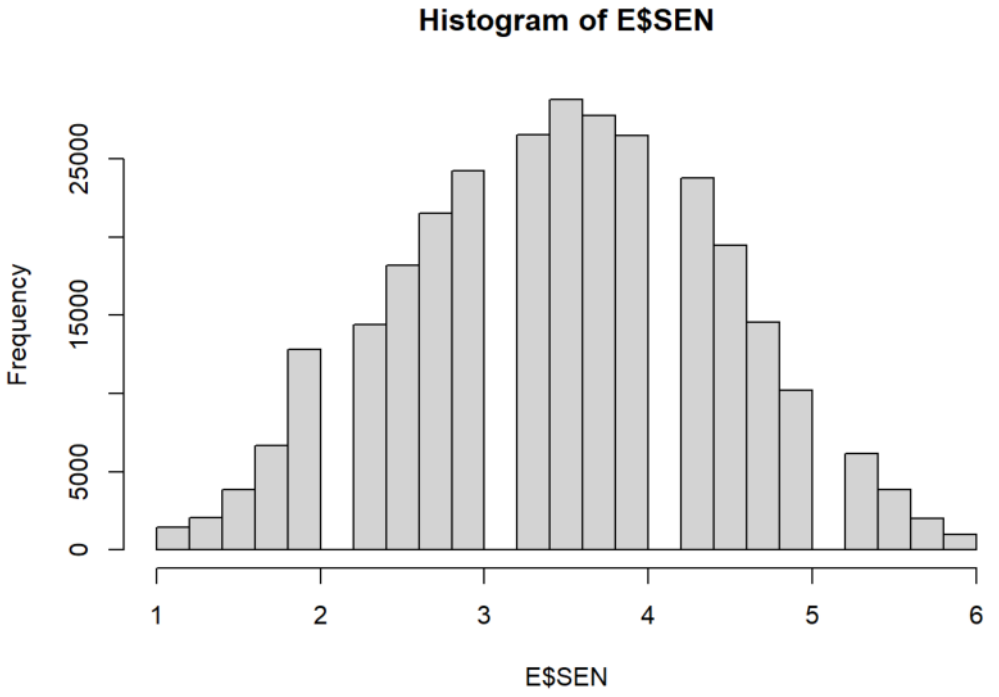

```
hist(E$SDSo)
```



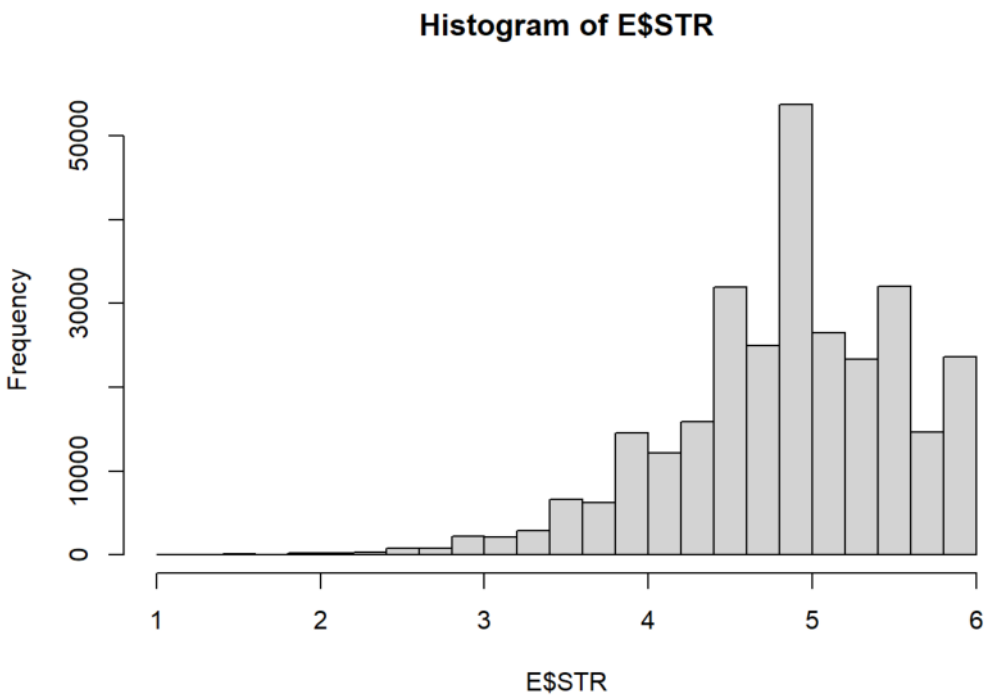

```
hist(E$DBS9)
```




```
hist(E$SEN)
```




```
hist(E$STR)
```




```
### (10.2.1) Based on our observations, we want to adjust for response tendencies
### We examined the zero correlations between ST dim and ST-SE-VB and then partial
### correlations to examine how ST-SE-VB relates to  ST and SE after holding the ST dim constan

# computing partial correlations controlling for SEN and STR
partial.r(data=E,x=c("DBS9","SDSo"),y="SEN")
```

```
## partial correlations
##       DBS9  SDSo
## DBS9  1.00 -0.69
## SDSo -0.69  1.00
```

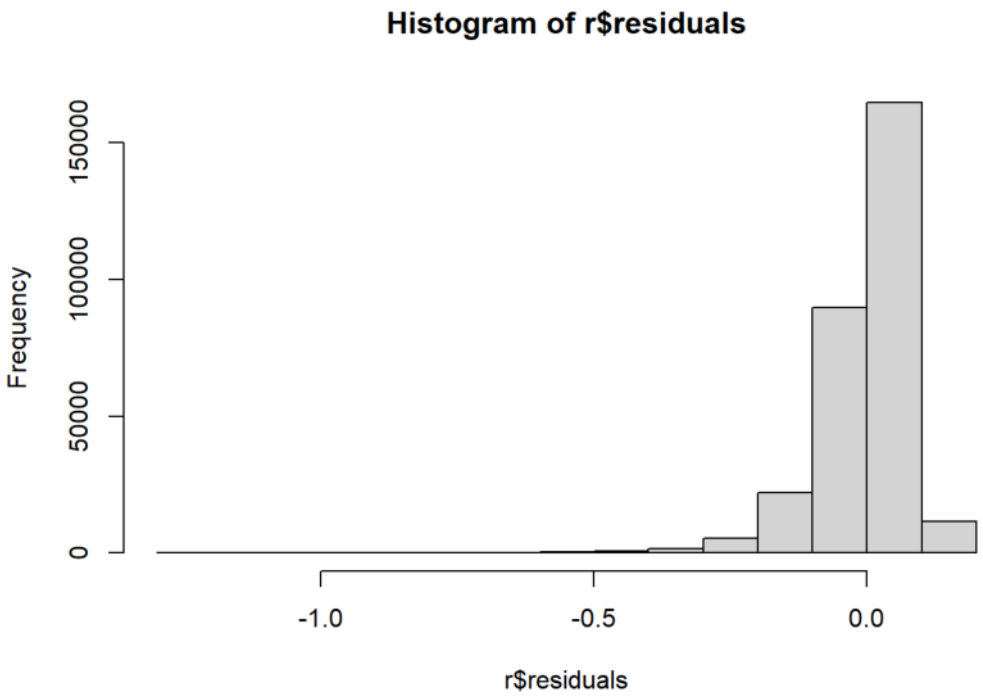
```
partial.r(data=E,x=c("DBS9","SDSo"),y="STR")
```

```
## partial correlations
##       DBS9  SDSo
## DBS9  1.00 -0.85
## SDSo -0.85  1.00
```

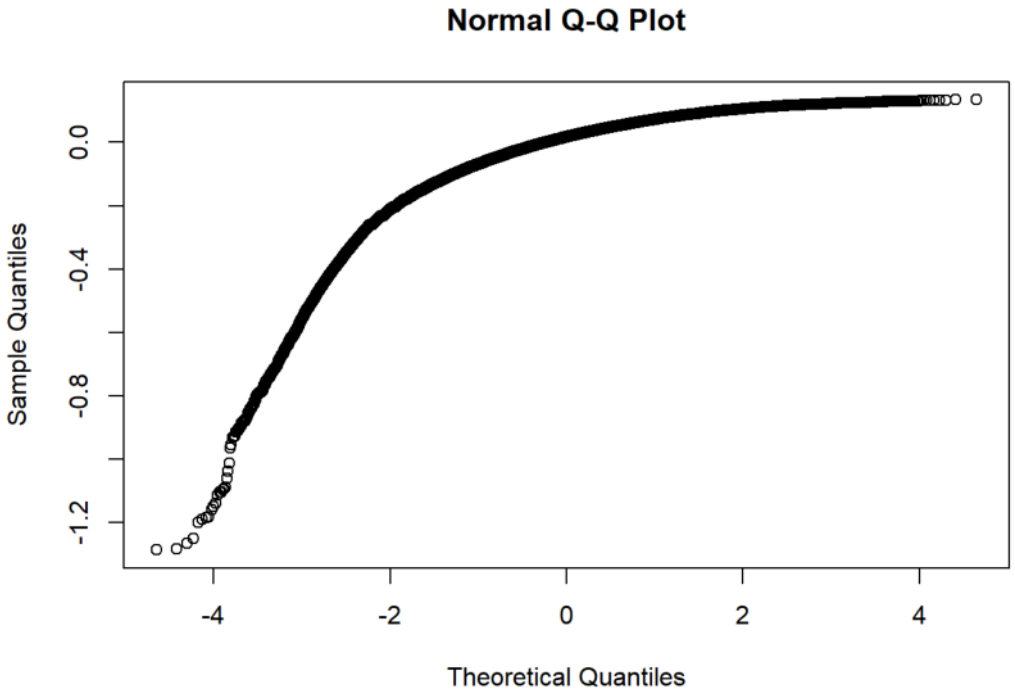
```
### Results indicate ST-SE-VB would better reflect "balance" (without regard for level of ST or SE
### endorsement) if controlling for ST dim
## We create this adjusted Value Balance Scale

r <- lm(DBS9 ~ SDSo,data=E)
summary(r$residuals)
```

```
##     Min.  1st Qu.   Median     Mean  3rd Qu.     Max.
## -1.28684 -0.03634  0.01766  0.00000  0.05704  0.13422
```

```
# are residuals normally distributed?
hist(r$residuals)
```




```
qqnorm(r$residuals)
```




```
# storing the residuals in a variable for an ADJUSTED VALUE BALANCE MEASURE
E$res <- r$residuals
summary(E$res)
```

```
##      Min.  1st Qu.   Median     Mean  3rd Qu.     Max.
## -1.28684 -0.03634  0.01766  0.00000  0.05704  0.13422
```

```
# (10.3) Relationships Among Study Variables

# Aiming to detect relevant relations within our data set we calculated correlations based on unweighted
# as well as weighted data

# (10.3.1) Unweighted correlations of all study variables
cu <- cor(E[c("essround", "rlgdgr", "eduyrs" , "agea" , "SDSo", "DBS9", "res", "healthR", "swb" , "soctrst" ,
"trstprl")], method="pearson", use = "complete.obs")
ccu <- as.data.frame(cu)
ccu <- round(ccu, digits = 3)
ccu
```

```
##          essround rlgdgr eduyrs   agea   SDSo   DBS9    res healthR    swb
## essround    1.000 -0.049  0.108  0.079  0.028 -0.029 -0.009   0.012  0.038
## rlgdgr     -0.049  1.000 -0.130  0.194  0.069 -0.050  0.020  -0.090  0.045
## eduyrs      0.108 -0.130  1.000 -0.299 -0.023  0.032  0.025   0.260  0.160
## agea        0.079  0.194 -0.299  1.000  0.212 -0.191 -0.015  -0.368 -0.068
## SDSo        0.028  0.069 -0.023  0.212  1.000 -0.866 -0.005  -0.061  0.114
## DBS9       -0.029 -0.050  0.032 -0.191 -0.866  1.000  0.504   0.068 -0.082
## res        -0.009  0.020  0.025 -0.015 -0.005  0.504  1.000   0.030  0.034
## healthR     0.012 -0.090  0.260 -0.368 -0.061  0.068  0.030   1.000  0.385
## swb         0.038  0.045  0.160 -0.068  0.114 -0.082  0.034   0.385  1.000
## soctrst     0.047  0.006  0.179  0.020  0.145 -0.097  0.056   0.203  0.373
## trstprl    -0.005  0.048  0.157 -0.006  0.067 -0.024  0.068   0.173  0.317
##          soctrst trstprl
## essround   0.047  -0.005
## rlgdgr     0.006   0.048
## eduyrs     0.179   0.157
## agea       0.020  -0.006
## SDSo       0.145   0.067
## DBS9      -0.097  -0.024
## res        0.056   0.068
## healthR    0.203   0.173
## swb        0.373   0.317
## soctrst    1.000   0.404
## trstprl    0.404   1.000
```

```
#write.csv2(ccu, "correlation_all_vars_unweighted_Pearson.csv")

# (10.3.2) defining the design for the weighted analysis
# design is called ESS design, with fweight taking taking the variables pspwght and pweight from the ESS data
into account
ESSdesign <- svydesign(~1, weights = ~fweight, data = E)

# Weighted correlations of all study variables
cw <-
  svycor(
    ~ essround + rlgdgr + eduyrs + agea + SDSo + DBS9 + res + healthR + swb + soctrst + trstprl,
    design = ESSdesign,
    digits = 3,
    na.rm = T
  )
ccw <- as.data.frame(cw$cors)
ccw <- round(ccw, digits = 3)
ccw
```

```
##          essround rlgdgr eduyrs   agea   SDSo   DBS9    res healthR    swb
## essround    1.000 -0.032  0.124  0.061  0.089 -0.079 -0.007   0.027  0.091
## rlgdgr     -0.032  1.000 -0.123  0.186  0.045 -0.023  0.030  -0.089  0.052
## eduyrs      0.124 -0.123  1.000 -0.315 -0.018  0.036  0.042   0.246  0.143
## agea        0.061  0.186 -0.315  1.000  0.218 -0.194 -0.020  -0.340 -0.038
## SDSo        0.089  0.045 -0.018  0.218  1.000 -0.877 -0.064  -0.061  0.092
## DBS9       -0.079 -0.023  0.036 -0.194 -0.877  1.000  0.535   0.070 -0.053
## res        -0.007  0.030  0.042 -0.020 -0.064  0.535  1.000   0.038  0.051
## healthR     0.027 -0.089  0.246 -0.340 -0.061  0.070  0.038   1.000  0.357
## swb         0.091  0.052  0.143 -0.038  0.092 -0.053  0.051   0.357  1.000
## soctrst     0.073  0.006  0.163  0.041  0.121 -0.073  0.062   0.183  0.333
## trstprl     0.014  0.060  0.136  0.013  0.046 -0.005  0.070   0.153  0.270
##          soctrst trstprl
## essround   0.073   0.014
## rlgdgr     0.006   0.060
## eduyrs     0.163   0.136
## agea       0.041   0.013
## SDSo       0.121   0.046
## DBS9      -0.073  -0.005
## res        0.062   0.070
## healthR    0.183   0.153
## swb        0.333   0.270
## soctrst    1.000   0.371
## trstprl    0.371   1.000
```

```
#write.csv2(ccw, "correlation_all_vars_weighted_Pearson.csv")


##### (10.3.3) Examination of categorical variables
chisq.test(svytable(~vote1+gndr, ESSdesign))
```

```
##
##  Pearson's Chi-squared test with Yates' continuity correction
##
## data:  svytable(~vote1 + gndr, ESSdesign)
## X-squared = 15.708, df = 1, p-value = 7.392e-05
```

```
svyttest(agea   ~gndr,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  agea ~ gndr
## t = 14.224, df = 294727, p-value < 2.2e-16
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  1.295190 1.709174
## sample estimates:
## difference in mean
##           1.502182
```

```
svyttest(eduyrs ~gndr,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  eduyrs ~ gndr
## t = -15.152, df = 293188, p-value < 2.2e-16
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  -0.3985128 -0.3072236
## sample estimates:
## difference in mean
##         -0.3528682
```

```
svyttest(rlgdgr ~gndr,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  rlgdgr ~ gndr
## t = 54.637, df = 293747, p-value < 2.2e-16
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  0.9379687 1.0077676
## sample estimates:
## difference in mean
##          0.9728681
```

```
svyttest(SDSo   ~gndr,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  SDSo ~ gndr
## t = 56.587, df = 295586, p-value < 2.2e-16
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  0.3671523 0.3934982
## sample estimates:
## difference in mean
##          0.3803253
```

```
svyttest(DBS9   ~gndr,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  DBS9 ~ gndr
## t = -51.23, df = 295586, p-value < 2.2e-16
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  -0.05487052 -0.05082675
## sample estimates:
## difference in mean
##        -0.05284863
```

```
svyttest(res    ~gndr,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  res ~ gndr
## t = -6.235, df = 295586, p-value = 4.525e-10
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  -0.004218608 -0.002200697
## sample estimates:
## difference in mean
##       -0.003209653
```

```
svyttest(healthR~gndr,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  healthR ~ gndr
## t = -20.257, df = 295586, p-value < 2.2e-16
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  -0.12015057 -0.09895141
## sample estimates:
## difference in mean
##          -0.109551
```

```
svyttest(swb    ~gndr,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  swb ~ gndr
## t = -1.849, df = 295586, p-value = 0.06446
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  -0.044506857  0.001297071
## sample estimates:
## difference in mean
##        -0.02160489
```

```
svyttest(soctrst~gndr,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  soctrst ~ gndr
## t = 4.914, df = 295586, p-value = 8.929e-07
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  0.03144386 0.07316914
## sample estimates:
## difference in mean
##          0.0523065
```

```
svyttest(trstprl~gndr,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  trstprl ~ gndr
## t = -11.882, df = 295586, p-value < 2.2e-16
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  -0.2063891 -0.1479408
## sample estimates:
## difference in mean
##         -0.1771649
```

```
svyttest(agea   ~vote1,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  agea ~ vote1
## t = 63.852, df = 294811, p-value < 2.2e-16
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  8.014306 8.521894
## sample estimates:
## difference in mean
##             8.2681
```

```
svyttest(eduyrs ~vote1,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  eduyrs ~ vote1
## t = 33.219, df = 293332, p-value < 2.2e-16
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  0.8533980 0.9604159
## sample estimates:
## difference in mean
##          0.9069069
```

```
svyttest(rlgdgr ~vote1,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  rlgdgr ~ vote1
## t = 18.663, df = 293898, p-value < 2.2e-16
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  0.3847060 0.4749908
## sample estimates:
## difference in mean
##          0.4298484
```

```
svyttest(SDSo   ~vote1,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  SDSo ~ vote1
## t = 26.168, df = 295741, p-value < 2.2e-16
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  0.2062821 0.2396848
## sample estimates:
## difference in mean
##          0.2229835
```

```
svyttest(DBS9   ~vote1,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  DBS9 ~ vote1
## t = -16.174, df = 295741, p-value < 2.2e-16
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  -0.02308337 -0.01809364
## sample estimates:
## difference in mean
##         -0.0205885
```

```
svyttest(res    ~vote1,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  res ~ vote1
## t = 12.641, df = 295741, p-value < 2.2e-16
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  0.007194491 0.009834855
## sample estimates:
## difference in mean
##        0.008514673
```

```
svyttest(healthR~vote1,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  healthR ~ vote1
## t = 1.1357, df = 295741, p-value = 0.2561
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  -0.005649368  0.021218450
## sample estimates:
## difference in mean
##        0.007784541
```

```
svyttest(swb    ~vote1,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  swb ~ vote1
## t = 31.769, df = 295741, p-value < 2.2e-16
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  0.4497881 0.5089354
## sample estimates:
## difference in mean
##          0.4793617
```

```
svyttest(soctrst~vote1,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  soctrst ~ vote1
## t = 40.161, df = 295741, p-value < 2.2e-16
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  0.5058643 0.5577729
## sample estimates:
## difference in mean
##          0.5318186
```

```
svyttest(trstprl~vote1,ESSdesign)
```

```
##
##  Design-based t-test
##
## data:  trstprl ~ vote1
## t = 47.036, df = 295741, p-value < 2.2e-16
## alternative hypothesis: true difference in mean is not equal to 0
## 95 percent confidence interval:
##  0.8245230 0.8962259
## sample estimates:
## difference in mean
##          0.8603745
```

```
########################################
# (Step 11)  HYPOTHESIS TESTING
########################################
# Regression models controlling for sex, age, education, religiosity, ESS round, country
# Main hypotheses: Is value balance positively associated with SWB, self-rated health,
# social trust, political trust, and voting behavior?
# We conduct separate analyses for our ADJUSTED ST-SE-VB score, the original ST-SE-VB
# score which compensates for ST>SE rating patterns, and the ST dim score which captures the
# ST>SE rating pattern

# description of different regression models, that were run for all the exploratory variables
# model 1: demographic variables only
# model 2: demographic and adjusted ST-SE-VB
# model 3: demographic and original ST-SE-VB
# model 4: demographic and ST dim

### (11.1) healtR
h1 <- svyglm(healthR ~ gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESSdesign)
h2 <- svyglm(healthR ~ res  + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESSdesign)
h3 <- svyglm(healthR ~ DBS9 + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESSdesign)
h4 <- svyglm(healthR ~ SDSo + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESSdesign)

#the results from the regression models, including model info and model fit
summ(h1, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	healthR
Type	Survey-weighted linear regression

R^2	0.189
Adj. R^2	0.189

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.464	4.428	4.499	246.823	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
gndr	-0.069	-0.079	-0.060	-13.838	0.000
agea	-0.016	-0.016	-0.015	-101.577	0.000
eduyrs	0.031	0.030	0.033	45.522	0.000
rlgdgr	0.003	0.001	0.004	2.882	0.004
essround	0.005	0.003	0.007	4.614	0.000
factor(cntry)BE	-0.123	-0.145	-0.100	-10.885	0.000
factor(cntry)BG	-0.298	-0.325	-0.271	-21.459	0.000
factor(cntry)CH	0.160	0.137	0.182	13.780	0.000
factor(cntry)CY	0.131	0.100	0.162	8.280	0.000
factor(cntry)CZ	-0.301	-0.325	-0.277	-24.698	0.000
factor(cntry)DE	-0.417	-0.438	-0.395	-37.562	0.000
factor(cntry)DK	0.038	0.012	0.064	2.865	0.004
factor(cntry)EE	-0.555	-0.577	-0.533	-48.910	0.000
factor(cntry)ES	-0.333	-0.356	-0.310	-28.751	0.000
factor(cntry)FI	-0.209	-0.230	-0.188	-19.133	0.000
factor(cntry)FR	-0.281	-0.305	-0.258	-23.363	0.000
factor(cntry)GB	-0.113	-0.136	-0.090	-9.547	0.000
factor(cntry)HU	-0.534	-0.558	-0.510	-43.389	0.000
factor(cntry)IE	0.103	0.081	0.125	9.119	0.000
factor(cntry)LT	-0.520	-0.548	-0.493	-36.661	0.000
factor(cntry)NL	-0.201	-0.223	-0.179	-18.109	0.000
factor(cntry)NO	-0.058	-0.083	-0.034	-4.661	0.000
factor(cntry)PL	-0.424	-0.446	-0.401	-37.054	0.000
factor(cntry)PT	-0.381	-0.406	-0.357	-30.541	0.000
factor(cntry)SE	0.006	-0.018	0.030	0.475	0.635
factor(cntry)SI	-0.374	-0.398	-0.350	-30.705	0.000
factor(cntry)SK	-0.370	-0.396	-0.343	-27.234	0.000
factor(cntry)UA	-0.870	-0.898	-0.843	-62.146	0.000

Standard errors: Robust

```
summ(h2, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	healthR
Type	Survey-weighted linear regression

R^2	0.189
Adj. R^2	0.189

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.464	4.429	4.500	246.802	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
res	0.183	0.122	0.245	5.856	0.000
gndr	-0.069	-0.079	-0.059	-13.719	0.000
agea	-0.016	-0.016	-0.015	-101.493	0.000
eduyrs	0.031	0.030	0.032	45.268	0.000
rlgdgr	0.003	0.001	0.004	2.739	0.006
essround	0.005	0.003	0.007	4.698	0.000
factor(cntry)BE	-0.125	-0.147	-0.103	-11.062	0.000
factor(cntry)BG	-0.297	-0.324	-0.270	-21.377	0.000
factor(cntry)CH	0.159	0.136	0.181	13.704	0.000
factor(cntry)CY	0.130	0.099	0.161	8.244	0.000
factor(cntry)CZ	-0.299	-0.323	-0.275	-24.487	0.000
factor(cntry)DE	-0.416	-0.438	-0.394	-37.523	0.000
factor(cntry)DK	0.038	0.012	0.064	2.849	0.004
factor(cntry)EE	-0.555	-0.577	-0.533	-48.886	0.000
factor(cntry)ES	-0.331	-0.354	-0.308	-28.576	0.000
factor(cntry)FI	-0.207	-0.229	-0.186	-18.975	0.000
factor(cntry)FR	-0.276	-0.300	-0.252	-22.893	0.000
factor(cntry)GB	-0.111	-0.135	-0.088	-9.419	0.000
factor(cntry)HU	-0.533	-0.558	-0.509	-43.325	0.000
factor(cntry)IE	0.105	0.083	0.127	9.258	0.000
factor(cntry)LT	-0.513	-0.541	-0.485	-35.954	0.000
factor(cntry)NL	-0.203	-0.225	-0.182	-18.299	0.000
factor(cntry)NO	-0.059	-0.084	-0.035	-4.726	0.000
factor(cntry)PL	-0.425	-0.448	-0.403	-37.159	0.000
factor(cntry)PT	-0.384	-0.408	-0.359	-30.717	0.000
factor(cntry)SE	0.006	-0.018	0.030	0.503	0.615
factor(cntry)SI	-0.374	-0.398	-0.350	-30.724	0.000
factor(cntry)SK	-0.370	-0.396	-0.343	-27.199	0.000
factor(cntry)UA	-0.865	-0.892	-0.837	-61.566	0.000

Standard errors: Robust

```
summ(h3, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	healthR
Type	Survey-weighted linear regression

R^2	0.190
Adj. R^2	0.189

	Est.	2.5%	97.5%	t val.	p

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.342	4.295	4.388	183.210	0.000
DBS9	0.128	0.096	0.160	7.880	0.000
gndr	-0.063	-0.073	-0.053	-12.393	0.000
agea	-0.015	-0.016	-0.015	-98.406	0.000
eduyrs	0.031	0.030	0.033	45.610	0.000
rlgdgr	0.003	0.001	0.005	2.941	0.003
essround	0.005	0.003	0.007	5.119	0.000
factor(cntry)BE	-0.118	-0.141	-0.096	-10.504	0.000
factor(cntry)BG	-0.301	-0.329	-0.274	-21.699	0.000
factor(cntry)CH	0.166	0.143	0.188	14.277	0.000
factor(cntry)CY	0.134	0.103	0.165	8.493	0.000
factor(cntry)CZ	-0.303	-0.327	-0.279	-24.877	0.000
factor(cntry)DE	-0.409	-0.430	-0.387	-36.784	0.000
factor(cntry)DK	0.046	0.020	0.072	3.466	0.001
factor(cntry)EE	-0.549	-0.572	-0.527	-48.291	0.000
factor(cntry)ES	-0.319	-0.342	-0.296	-27.310	0.000
factor(cntry)FI	-0.195	-0.217	-0.173	-17.612	0.000
factor(cntry)FR	-0.265	-0.289	-0.241	-21.670	0.000
factor(cntry)GB	-0.106	-0.130	-0.083	-8.981	0.000
factor(cntry)HU	-0.537	-0.561	-0.513	-43.594	0.000
factor(cntry)IE	0.107	0.085	0.129	9.433	0.000
factor(cntry)LT	-0.529	-0.557	-0.501	-37.150	0.000
factor(cntry)NL	-0.198	-0.220	-0.177	-17.846	0.000
factor(cntry)NO	-0.052	-0.076	-0.027	-4.125	0.000
factor(cntry)PL	-0.425	-0.448	-0.403	-37.173	0.000
factor(cntry)PT	-0.384	-0.408	-0.359	-30.735	0.000
factor(cntry)SE	0.016	-0.008	0.040	1.326	0.185
factor(cntry)SI	-0.375	-0.399	-0.351	-30.780	0.000
factor(cntry)SK	-0.375	-0.401	-0.348	-27.581	0.000
factor(cntry)UA	-0.872	-0.899	-0.844	-62.167	0.000

Standard errors: Robust

```
summ(h4, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	healthR
Type	Survey-weighted linear regression

R^2	0.189
Adj. R^2	0.189

	Est.	2.5%	97.5%	t val.	p

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.459	4.423	4.494	246.451	0.000
SDSo	-0.015	-0.020	-0.010	-5.964	0.000
gndr	-0.064	-0.074	-0.054	-12.565	0.000
agea	-0.015	-0.016	-0.015	-98.134	0.000
eduyrs	0.031	0.030	0.033	45.726	0.000
rlgdgr	0.003	0.001	0.005	3.022	0.003
essround	0.005	0.003	0.007	5.014	0.000
factor(cntry)BE	-0.118	-0.140	-0.095	-10.410	0.000
factor(cntry)BG	-0.302	-0.329	-0.274	-21.710	0.000
factor(cntry)CH	0.166	0.143	0.188	14.249	0.000
factor(cntry)CY	0.134	0.103	0.165	8.492	0.000
factor(cntry)CZ	-0.304	-0.328	-0.281	-24.960	0.000
factor(cntry)DE	-0.410	-0.431	-0.388	-36.793	0.000
factor(cntry)DK	0.045	0.019	0.072	3.410	0.001
factor(cntry)EE	-0.550	-0.572	-0.528	-48.322	0.000
factor(cntry)ES	-0.322	-0.345	-0.299	-27.473	0.000
factor(cntry)FI	-0.197	-0.219	-0.176	-17.794	0.000
factor(cntry)FR	-0.270	-0.294	-0.246	-22.092	0.000
factor(cntry)GB	-0.108	-0.131	-0.085	-9.113	0.000
factor(cntry)HU	-0.537	-0.561	-0.513	-43.588	0.000
factor(cntry)IE	0.105	0.083	0.128	9.314	0.000
factor(cntry)LT	-0.532	-0.561	-0.504	-37.152	0.000
factor(cntry)NL	-0.197	-0.219	-0.175	-17.722	0.000
factor(cntry)NO	-0.052	-0.077	-0.027	-4.132	0.000
factor(cntry)PL	-0.424	-0.447	-0.402	-37.092	0.000
factor(cntry)PT	-0.382	-0.407	-0.358	-30.604	0.000
factor(cntry)SE	0.015	-0.009	0.039	1.220	0.223
factor(cntry)SI	-0.375	-0.399	-0.351	-30.758	0.000
factor(cntry)SK	-0.374	-0.401	-0.347	-27.549	0.000
factor(cntry)UA	-0.875	-0.902	-0.847	-62.353	0.000

Standard errors: Robust

```
# calculationg the WALD statistics for the regression models
regTermTest(h2,"res")
```

```
## Wald test for res
##  in svyglm(formula = healthR ~ res + gndr + agea + eduyrs + rlgdgr +
##     essround + factor(cntry), design = ESSdesign)
## F =  34.29219  on  1  and  290589  df: p= 4.7479e-09
```

```
regTermTest(h3,"DBS9")
```

```
## Wald test for DBS9
##  in svyglm(formula = healthR ~ DBS9 + gndr + agea + eduyrs + rlgdgr +
##     essround + factor(cntry), design = ESSdesign)
## F =  62.10016  on  1  and  290589  df: p= 3.2754e-15
```

```
regTermTest(h4,"SDSo")
```

```
## Wald test for SDSo
##  in svyglm(formula = healthR ~ SDSo + gndr + agea + eduyrs + rlgdgr +
##     essround + factor(cntry), design = ESSdesign)
## F =  35.56654  on  1  and  290589  df: p= 2.4677e-09
```

```
# comparing the regression models, this works best with R markdown
export_summs(h1, h2, h3, h4, model.names = c("demographics", "res", "DBS9", "SDSo"),
  scale = TRUE, error_format = "[{conf.low}, {conf.high}], p = {p.value}")
```

	demographics	res	DBS9	SDSo
(Intercept)	4.03 ***	4.03 ***	4.02 ***	4.03 ***
	[4.01, 4.05], p = 0.00	[4.01, 4.05], p = 0.00	[4.01, 4.04], p = 0.00	[4.01, 4.04], p = 0.00
gndr	-0.07 ***	-0.07 ***	-0.06 ***	-0.06 ***
	[-0.08, -0.06], p = 0.00	[-0.08, -0.06], p = 0.00	[-0.07, -0.05], p = 0.00	[-0.07, -0.05], p = 0.00
agea	-0.27 ***	-0.27 ***	-0.27 ***	-0.27 ***
	[-0.28, -0.27], p = 0.00	[-0.28, -0.27], p = 0.00	[-0.28, -0.26], p = 0.00	[-0.28, -0.27], p = 0.00
eduyrs	0.12 ***	0.12 ***	0.12 ***	0.12 ***
	[0.12, 0.13], p = 0.00	[0.12, 0.13], p = 0.00	[0.12, 0.13], p = 0.00	[0.12, 0.13], p = 0.00
rlgdgr	0.01 **	0.01 **	0.01 **	0.01 **
	[0.00, 0.01], p = 0.00	[0.00, 0.01], p = 0.01	[0.00, 0.01], p = 0.00	[0.00, 0.01], p = 0.00
essround	0.01 ***	0.01 ***	0.01 ***	0.01 ***
	[0.01, 0.02], p = 0.00	[0.01, 0.02], p = 0.00	[0.01, 0.02], p = 0.00	[0.01, 0.02], p = 0.00
factor(cntry)BE	-0.12 ***	-0.12 ***	-0.12 ***	-0.12 ***
	[-0.14, -0.10], p = 0.00	[-0.15, -0.10], p = 0.00	[-0.14, -0.10], p = 0.00	[-0.14, -0.10], p = 0.00
factor(cntry)BG	-0.30 ***	-0.30 ***	-0.30 ***	-0.30 ***
	[-0.33, -0.27], p = 0.00	[-0.32, -0.27], p = 0.00	[-0.33, -0.27], p = 0.00	[-0.33, -0.27], p = 0.00
factor(cntry)CH	0.16 ***	0.16 ***	0.17 ***	0.17 ***
	[0.14, 0.18], p = 0.00	[0.14, 0.18], p = 0.00	[0.14, 0.19], p = 0.00	[0.14, 0.19], p = 0.00
factor(cntry)CY	0.13 ***	0.13 ***	0.13 ***	0.13 ***
	[0.10, 0.16], p = 0.00	[0.10, 0.16], p = 0.00	[0.10, 0.16], p = 0.00	[0.10, 0.17], p = 0.00
factor(cntry)CZ	-0.30 ***	-0.30 ***	-0.30 ***	-0.30 ***
	[-0.32, -0.28], p = 0.00	[-0.32, -0.27], p = 0.00	[-0.33, -0.28], p = 0.00	[-0.33, -0.28], p = 0.00
factor(cntry)DE	-0.42 ***	-0.42 ***	-0.41 ***	-0.41 ***
	[-0.44, -0.39], p = 0.00	[-0.44, -0.39], p = 0.00	[-0.43, -0.39], p = 0.00	[-0.43, -0.39], p = 0.00

factor(cntry)DK	0.04 **	0.04 **	0.05 ***	0.05 ***
	[0.01, 0.06], p = 0.00	[0.01, 0.06], p = 0.00	[0.02, 0.07], p = 0.00	[0.02, 0.07], p = 0.00
factor(cntry)EE	-0.56 ***	-0.55 ***	-0.55 ***	-0.55 ***
	[-0.58, -0.53], p = 0.00	[-0.58, -0.53], p = 0.00	[-0.57, -0.53], p = 0.00	[-0.57, -0.53], p = 0.00
factor(cntry)ES	-0.33 ***	-0.33 ***	-0.32 ***	-0.32 ***
	[-0.36, -0.31], p = 0.00	[-0.35, -0.31], p = 0.00	[-0.34, -0.30], p = 0.00	[-0.35, -0.30], p = 0.00
factor(cntry)FI	-0.21 ***	-0.21 ***	-0.20 ***	-0.20 ***
	[-0.23, -0.19], p = 0.00	[-0.23, -0.19], p = 0.00	[-0.22, -0.17], p = 0.00	[-0.22, -0.18], p = 0.00
factor(cntry)FR	-0.28 ***	-0.28 ***	-0.26 ***	-0.27 ***
	[-0.31, -0.26], p = 0.00	[-0.30, -0.25], p = 0.00	[-0.29, -0.24], p = 0.00	[-0.29, -0.25], p = 0.00
factor(cntry)GB	-0.11 ***	-0.11 ***	-0.11 ***	-0.11 ***
	[-0.14, -0.09], p = 0.00	[-0.13, -0.09], p = 0.00	[-0.13, -0.08], p = 0.00	[-0.13, -0.08], p = 0.00
factor(cntry)HU	-0.53 ***	-0.53 ***	-0.54 ***	-0.54 ***
	[-0.56, -0.51], p = 0.00	[-0.56, -0.51], p = 0.00	[-0.56, -0.51], p = 0.00	[-0.56, -0.51], p = 0.00
factor(cntry)IE	0.10 ***	0.10 ***	0.11 ***	0.11 ***
	[0.08, 0.13], p = 0.00	[0.08, 0.13], p = 0.00	[0.08, 0.13], p = 0.00	[0.08, 0.13], p = 0.00
factor(cntry)LT	-0.52 ***	-0.51 ***	-0.53 ***	-0.53 ***
	[-0.55, -0.49], p = 0.00	[-0.54, -0.48], p = 0.00	[-0.56, -0.50], p = 0.00	[-0.56, -0.50], p = 0.00
factor(cntry)NL	-0.20 ***	-0.20 ***	-0.20 ***	-0.20 ***
	[-0.22, -0.18], p = 0.00	[-0.23, -0.18], p = 0.00	[-0.22, -0.18], p = 0.00	[-0.22, -0.18], p = 0.00
factor(cntry)NO	-0.06 ***	-0.06 ***	-0.05 ***	-0.05 ***
	[-0.08, -0.03], p = 0.00	[-0.08, -0.03], p = 0.00	[-0.08, -0.03], p = 0.00	[-0.08, -0.03], p = 0.00
factor(cntry)PL	-0.42 ***	-0.43 ***	-0.43 ***	-0.42 ***
	[-0.45, -0.40], p = 0.00	[-0.45, -0.40], p = 0.00	[-0.45, -0.40], p = 0.00	[-0.45, -0.40], p = 0.00
factor(cntry)PT	-0.38 ***	-0.38 ***	-0.38 ***	-0.38 ***
	[-0.41, -0.36], p = 0.00	[-0.41, -0.36], p = 0.00	[-0.41, -0.36], p = 0.00	[-0.41, -0.36], p = 0.00
factor(cntry)SE	0.01	0.01	0.02	0.01
	[-0.02, 0.03], p = 0.63	[-0.02, 0.03], p = 0.61	[-0.01, 0.04], p = 0.18	[-0.01, 0.04], p = 0.22
factor(cntry)SI	-0.37 ***	-0.37 ***	-0.38 ***	-0.37 ***
	[-0.40, -0.35], p = 0.00	[-0.40, -0.35], p = 0.00	[-0.40, -0.35], p = 0.00	[-0.40, -0.35], p = 0.00
factor(cntry)SK	-0.37 ***	-0.37 ***	-0.37 ***	-0.37 ***
	[-0.40, -0.34], p = 0.00	[-0.40, -0.34], p = 0.00	[-0.40, -0.35], p = 0.00	[-0.40, -0.35], p = 0.00
factor(cntry)UA	-0.87 ***	-0.86 ***	-0.87 ***	-0.87 ***
	[-0.90, -0.84], p = 0.00	[-0.89, -0.84], p = 0.00	[-0.90, -0.84], p = 0.00	[-0.90, -0.85], p = 0.00
res		0.02 ***		

	[0.01, 0.02], p = 0.00			
DBS9		0.02 ***		
		[0.02, 0.03], p = 0.00		
SDSo				-0.02 ***
				[-0.02, -0.01], p = 0.00
N	290619	290619	290619	290619
R2	0.19	0.19	0.19	0.19

All continuous predictors are mean-centered and scaled by 1 standard deviation. *** p < 0.001; ** p < 0.01; * p < 0.05.

```
### (11.2) SWB
w1 <- svyglm(swb ~ gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESSdesign)
w2 <- svyglm(swb ~ res + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESSdesign)
w3 <- svyglm(swb ~ DBS9 + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESSdesign)
w4 <- svyglm(swb ~ SDSo + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESSdesign)

#the results from the regression models, including model info and model fit
summ(w1, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	swb
Type	Survey-weighted linear regression

R^2	0.136
Adj. R^2	0.136

	Est.	2.5%	97.5%	t val.	p
(Intercept)	6.637	6.557	6.717	162.799	0.000
gndr	-0.029	-0.051	-0.007	-2.587	0.010
agea	-0.004	-0.005	-0.003	-11.854	0.000
eduyrs	0.052	0.048	0.055	33.073	0.000
rlgdgr	0.063	0.059	0.067	29.756	0.000
essround	0.048	0.044	0.053	21.655	0.000
factor(cntry)BE	-0.044	-0.092	0.004	-1.798	0.072
factor(cntry)BG	-2.344	-2.414	-2.273	-65.389	0.000
factor(cntry)CH	0.606	0.557	0.654	24.536	0.000
factor(cntry)CY	-0.424	-0.498	-0.350	-11.269	0.000
factor(cntry)CZ	-0.738	-0.793	-0.684	-26.589	0.000
factor(cntry)DE	-0.278	-0.326	-0.229	-11.200	0.000
factor(cntry)DK	0.851	0.801	0.901	33.272	0.000
factor(cntry)EE	-0.785	-0.837	-0.734	-29.867	0.000
factor(cntry)ES	-0.155	-0.204	-0.106	-6.154	0.000
factor(cntry)FI	0.380	0.334	0.425	16.345	0.000
factor(cntry)FR	-0.731	-0.784	-0.677	-26.695	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)GB	-0.223	-0.274	-0.172	-8.618	0.000
factor(cntry)HU	-1.491	-1.549	-1.432	-50.144	0.000
factor(cntry)IE	-0.391	-0.442	-0.341	-15.116	0.000
factor(cntry)LT	-1.613	-1.687	-1.539	-42.582	0.000
factor(cntry)NL	0.179	0.134	0.225	7.731	0.000
factor(cntry)NO	0.380	0.330	0.430	14.900	0.000
factor(cntry)PL	-0.766	-0.819	-0.713	-28.245	0.000
factor(cntry)PT	-0.971	-1.027	-0.914	-33.717	0.000
factor(cntry)SE	0.342	0.293	0.391	13.564	0.000
factor(cntry)SI	-0.475	-0.529	-0.420	-17.086	0.000
factor(cntry)SK	-1.197	-1.258	-1.135	-38.023	0.000
factor(cntry)UA	-2.289	-2.364	-2.213	-59.278	0.000

Standard errors: Robust

```
summ(w2, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	swb
Type	Survey-weighted linear regression

R^2	0.136
Adj. R^2	0.136

	Est.	2.5%	97.5%	t val.	p
(Intercept)	6.637	6.558	6.717	162.915	0.000
res	0.461	0.311	0.610	6.041	0.000
gndr	-0.028	-0.050	-0.006	-2.454	0.014
agea	-0.004	-0.005	-0.003	-11.795	0.000
eduyrs	0.051	0.048	0.054	32.882	0.000
rlgdgr	0.062	0.058	0.067	29.598	0.000
essround	0.049	0.044	0.053	21.764	0.000
factor(cntry)BE	-0.049	-0.097	-0.001	-2.009	0.045
factor(cntry)BG	-2.341	-2.411	-2.271	-65.276	0.000
factor(cntry)CH	0.604	0.555	0.652	24.446	0.000
factor(cntry)CY	-0.426	-0.499	-0.352	-11.314	0.000
factor(cntry)CZ	-0.733	-0.787	-0.678	-26.379	0.000
factor(cntry)DE	-0.276	-0.325	-0.228	-11.164	0.000
factor(cntry)DK	0.851	0.801	0.901	33.255	0.000
factor(cntry)EE	-0.785	-0.836	-0.733	-29.855	0.000
factor(cntry)ES	-0.150	-0.199	-0.101	-5.956	0.000
factor(cntry)FI	0.384	0.338	0.429	16.506	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)FR	-0.717	-0.771	-0.664	-26.233	0.000
factor(cntry)GB	-0.219	-0.270	-0.169	-8.479	0.000
factor(cntry)HU	-1.489	-1.547	-1.431	-50.080	0.000
factor(cntry)IE	-0.387	-0.438	-0.337	-14.952	0.000
factor(cntry)LT	-1.594	-1.669	-1.520	-41.904	0.000
factor(cntry)NL	0.173	0.128	0.219	7.474	0.000
factor(cntry)NO	0.378	0.328	0.428	14.818	0.000
factor(cntry)PL	-0.769	-0.822	-0.716	-28.364	0.000
factor(cntry)PT	-0.977	-1.033	-0.920	-33.926	0.000
factor(cntry)SE	0.343	0.293	0.392	13.598	0.000
factor(cntry)SI	-0.475	-0.530	-0.421	-17.112	0.000
factor(cntry)SK	-1.197	-1.258	-1.135	-37.998	0.000
factor(cntry)UA	-2.275	-2.350	-2.199	-58.876	0.000

Standard errors: Robust

```
summ(w3, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	swb
Type	Survey-weighted linear regression

R^2	0.136
Adj. R^2	0.136

	Est.	2.5%	97.5%	t val.	p
(Intercept)	6.873	6.767	6.979	126.911	0.000
DBS9	-0.247	-0.319	-0.175	-6.749	0.000
gndr	-0.042	-0.064	-0.019	-3.646	0.000
agea	-0.005	-0.005	-0.004	-12.825	0.000
eduyrs	0.051	0.048	0.054	32.996	0.000
rlgdgr	0.063	0.058	0.067	29.711	0.000
essround	0.047	0.043	0.052	21.196	0.000
factor(cntry)BE	-0.052	-0.100	-0.004	-2.122	0.034
factor(cntry)BG	-2.338	-2.408	-2.267	-65.186	0.000
factor(cntry)CH	0.594	0.545	0.642	24.027	0.000
factor(cntry)CY	-0.430	-0.504	-0.357	-11.438	0.000
factor(cntry)CZ	-0.734	-0.788	-0.680	-26.450	0.000
factor(cntry)DE	-0.293	-0.341	-0.244	-11.830	0.000
factor(cntry)DK	0.836	0.785	0.886	32.587	0.000
factor(cntry)EE	-0.796	-0.847	-0.744	-30.269	0.000
factor(cntry)ES	-0.181	-0.231	-0.132	-7.139	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)FI	0.353	0.307	0.399	14.994	0.000
factor(cntry)FR	-0.763	-0.817	-0.709	-27.629	0.000
factor(cntry)GB	-0.236	-0.287	-0.185	-9.119	0.000
factor(cntry)HU	-1.486	-1.544	-1.427	-49.971	0.000
factor(cntry)IE	-0.399	-0.449	-0.348	-15.407	0.000
factor(cntry)LT	-1.597	-1.672	-1.523	-42.067	0.000
factor(cntry)NL	0.174	0.129	0.219	7.512	0.000
factor(cntry)NO	0.367	0.317	0.417	14.383	0.000
factor(cntry)PL	-0.763	-0.816	-0.710	-28.151	0.000
factor(cntry)PT	-0.966	-1.022	-0.910	-33.584	0.000
factor(cntry)SE	0.322	0.272	0.371	12.705	0.000
factor(cntry)SI	-0.472	-0.527	-0.418	-17.028	0.000
factor(cntry)SK	-1.187	-1.249	-1.125	-37.711	0.000
factor(cntry)UA	-2.287	-2.362	-2.211	-59.233	0.000

Standard errors: Robust

```
summ(w4, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	swb
Type	Survey-weighted linear regression

R^2	0.137
Adj. R^2	0.137

	Est.	2.5%	97.5%	t val.	p
(Intercept)	6.662	6.582	6.742	163.505	0.000
SDSo	0.069	0.058	0.081	11.965	0.000
gndr	-0.054	-0.077	-0.032	-4.761	0.000
agea	-0.005	-0.006	-0.004	-14.077	0.000
eduyrs	0.051	0.048	0.054	32.645	0.000
rlgdgr	0.062	0.058	0.066	29.501	0.000
essround	0.046	0.042	0.051	20.792	0.000
factor(cntry)BE	-0.067	-0.115	-0.019	-2.738	0.006
factor(cntry)BG	-2.328	-2.398	-2.257	-64.831	0.000
factor(cntry)CH	0.577	0.529	0.626	23.372	0.000
factor(cntry)CY	-0.440	-0.513	-0.366	-11.685	0.000
factor(cntry)CZ	-0.723	-0.777	-0.668	-26.048	0.000
factor(cntry)DE	-0.309	-0.358	-0.261	-12.475	0.000
factor(cntry)DK	0.817	0.767	0.867	31.853	0.000
factor(cntry)EE	-0.808	-0.859	-0.756	-30.750	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)ES	-0.206	-0.256	-0.156	-8.093	0.000
factor(cntry)FI	0.327	0.280	0.373	13.851	0.000
factor(cntry)FR	-0.785	-0.839	-0.731	-28.404	0.000
factor(cntry)GB	-0.246	-0.297	-0.195	-9.514	0.000
factor(cntry)HU	-1.478	-1.536	-1.420	-49.713	0.000
factor(cntry)IE	-0.402	-0.453	-0.352	-15.576	0.000
factor(cntry)LT	-1.557	-1.632	-1.482	-40.731	0.000
factor(cntry)NL	0.161	0.116	0.207	6.966	0.000
factor(cntry)NO	0.350	0.300	0.400	13.711	0.000
factor(cntry)PL	-0.764	-0.817	-0.710	-28.213	0.000
factor(cntry)PT	-0.967	-1.024	-0.911	-33.703	0.000
factor(cntry)SE	0.300	0.250	0.349	11.819	0.000
factor(cntry)SI	-0.471	-0.525	-0.416	-16.991	0.000
factor(cntry)SK	-1.176	-1.238	-1.115	-37.350	0.000
factor(cntry)UA	-2.268	-2.344	-2.192	-58.691	0.000

Standard errors: Robust

```
# calculationg the WALD statistics for the regression models
regTermTest(w2,"res")
```

```
## Wald test for res
##  in svyglm(formula = swb ~ res + gndr + agea + eduyrs + rlgdgr +
##     essround + factor(cntry), design = ESSdesign)
## F =  36.48951  on  1  and  290589  df: p= 1.5368e-09
```

```
regTermTest(w3,"DBS9")
```

```
## Wald test for DBS9
##  in svyglm(formula = swb ~ DBS9 + gndr + agea + eduyrs + rlgdgr +
##     essround + factor(cntry), design = ESSdesign)
## F =  45.54647  on  1  and  290589  df: p= 1.4934e-11
```

```
regTermTest(w4,"SDSo")
```

```
## Wald test for SDSo
##  in svyglm(formula = swb ~ SDSo + gndr + agea + eduyrs + rlgdgr +
##     essround + factor(cntry), design = ESSdesign)
## F =  143.1655  on  1  and  290589  df: p= < 2.22e-16
```

```
# comparing the regression models, this works best with R markdown
export_summs(w1, w2, w3, w4, model.names = c("demographics", "res", "DBS9", "SDSo"),
             scale = TRUE, error_format = "[{conf.low}, {conf.high}], p = {p.value}")
```

	demographics	res	DBS9	SDSo
(Intercept)	7.57 ***	7.57 ***	7.59 ***	7.60 ***
	[7.53, 7.61], p = 0.00	[7.53, 7.61], p = 0.00	[7.55, 7.63], p = 0.00	[7.56, 7.64], p = 0.00
gndr	-0.03 **	-0.03 *	-0.04 ***	-0.05 ***

	[-0.05, -0.01], p = 0.01	[-0.05, -0.01], p = 0.01	[-0.06, -0.02], p = 0.00	[-0.08, -0.03], p = 0.00
agea	-0.07 ***	-0.07 ***	-0.08 ***	-0.09 ***
	[-0.08, -0.06], p = 0.00	[-0.08, -0.06], p = 0.00	[-0.09, -0.07], p = 0.00	[-0.10, -0.08], p = 0.00
eduyrs	0.20 ***	0.20 ***	0.20 ***	0.20 ***
	[0.19, 0.22], p = 0.00	[0.19, 0.22], p = 0.00	[0.19, 0.22], p = 0.00	[0.19, 0.21], p = 0.00
rlgdgr	0.19 ***	0.19 ***	0.19 ***	0.19 ***
	[0.18, 0.20], p = 0.00	[0.18, 0.20], p = 0.00	[0.18, 0.20], p = 0.00	[0.17, 0.20], p = 0.00
essround	0.12 ***	0.12 ***	0.12 ***	0.12 ***
	[0.11, 0.13], p = 0.00	[0.11, 0.13], p = 0.00	[0.11, 0.13], p = 0.00	[0.11, 0.13], p = 0.00
factor(cntry)BE	-0.04	-0.05 *	-0.05 *	-0.07 **
	[-0.09, 0.00], p = 0.07	[-0.10, -0.00], p = 0.04	[-0.10, -0.00], p = 0.03	[-0.12, -0.02], p = 0.01
factor(cntry)BG	-2.34 ***	-2.34 ***	-2.34 ***	-2.33 ***
	[-2.41, -2.27], p = 0.00	[-2.41, -2.27], p = 0.00	[-2.41, -2.27], p = 0.00	[-2.40, -2.26], p = 0.00
factor(cntry)CH	0.61 ***	0.60 ***	0.59 ***	0.58 ***
	[0.56, 0.65], p = 0.00	[0.56, 0.65], p = 0.00	[0.55, 0.64], p = 0.00	[0.53, 0.63], p = 0.00
factor(cntry)CY	-0.42 ***	-0.43 ***	-0.43 ***	-0.44 ***
	[-0.50, -0.35], p = 0.00	[-0.50, -0.35], p = 0.00	[-0.50, -0.36], p = 0.00	[-0.51, -0.37], p = 0.00
factor(cntry)CZ	-0.74 ***	-0.73 ***	-0.73 ***	-0.72 ***
	[-0.79, -0.68], p = 0.00	[-0.79, -0.68], p = 0.00	[-0.79, -0.68], p = 0.00	[-0.78, -0.67], p = 0.00
factor(cntry)DE	-0.28 ***	-0.28 ***	-0.29 ***	-0.31 ***
	[-0.33, -0.23], p = 0.00	[-0.33, -0.23], p = 0.00	[-0.34, -0.24], p = 0.00	[-0.36, -0.26], p = 0.00
factor(cntry)DK	0.85 ***	0.85 ***	0.84 ***	0.82 ***
	[0.80, 0.90], p = 0.00	[0.80, 0.90], p = 0.00	[0.79, 0.89], p = 0.00	[0.77, 0.87], p = 0.00
factor(cntry)EE	-0.79 ***	-0.78 ***	-0.80 ***	-0.81 ***
	[-0.84, -0.73], p = 0.00	[-0.84, -0.73], p = 0.00	[-0.85, -0.74], p = 0.00	[-0.86, -0.76], p = 0.00
factor(cntry)ES	-0.16 ***	-0.15 ***	-0.18 ***	-0.21 ***
	[-0.20, -0.11], p = 0.00	[-0.20, -0.10], p = 0.00	[-0.23, -0.13], p = 0.00	[-0.26, -0.16], p = 0.00
factor(cntry)FI	0.38 ***	0.38 ***	0.35 ***	0.33 ***
	[0.33, 0.43], p = 0.00	[0.34, 0.43], p = 0.00	[0.31, 0.40], p = 0.00	[0.28, 0.37], p = 0.00
factor(cntry)FR	-0.73 ***	-0.72 ***	-0.76 ***	-0.78 ***
	[-0.78, -0.68], p = 0.00	[-0.77, -0.66], p = 0.00	[-0.82, -0.71], p = 0.00	[-0.84, -0.73], p = 0.00
factor(cntry)GB	-0.22 ***	-0.22 ***	-0.24 ***	-0.25 ***
	[-0.27, -0.17], p = 0.00	[-0.27, -0.17], p = 0.00	[-0.29, -0.19], p = 0.00	[-0.30, -0.20], p = 0.00
factor(cntry)HU	-1.49 ***	-1.49 ***	-1.49 ***	-1.48 ***
	[-1.55, -1.43], p = 0.00	[-1.55, -1.43], p = 0.00	[-1.54, -1.43], p = 0.00	[-1.54, -1.42], p = 0.00

factor(cntry)IE	-0.39 ***	-0.39 ***	-0.40 ***	-0.40 ***
	[-0.44, -0.34], p = 0.00	[-0.44, -0.34], p = 0.00	[-0.45, -0.35], p = 0.00	[-0.45, -0.35], p = 0.00
factor(cntry)LT	-1.61 ***	-1.59 ***	-1.60 ***	-1.56 ***
	[-1.69, -1.54], p = 0.00	[-1.67, -1.52], p = 0.00	[-1.67, -1.52], p = 0.00	[-1.63, -1.48], p = 0.00
factor(cntry)NL	0.18 ***	0.17 ***	0.17 ***	0.16 ***
	[0.13, 0.22], p = 0.00	[0.13, 0.22], p = 0.00	[0.13, 0.22], p = 0.00	[0.12, 0.21], p = 0.00
factor(cntry)NO	0.38 ***	0.38 ***	0.37 ***	0.35 ***
	[0.33, 0.43], p = 0.00	[0.33, 0.43], p = 0.00	[0.32, 0.42], p = 0.00	[0.30, 0.40], p = 0.00
factor(cntry)PL	-0.77 ***	-0.77 ***	-0.76 ***	-0.76 ***
	[-0.82, -0.71], p = 0.00	[-0.82, -0.72], p = 0.00	[-0.82, -0.71], p = 0.00	[-0.82, -0.71], p = 0.00
factor(cntry)PT	-0.97 ***	-0.98 ***	-0.97 ***	-0.97 ***
	[-1.03, -0.91], p = 0.00	[-1.03, -0.92], p = 0.00	[-1.02, -0.91], p = 0.00	[-1.02, -0.91], p = 0.00
factor(cntry)SE	0.34 ***	0.34 ***	0.32 ***	0.30 ***
	[0.29, 0.39], p = 0.00	[0.29, 0.39], p = 0.00	[0.27, 0.37], p = 0.00	[0.25, 0.35], p = 0.00
factor(cntry)SI	-0.47 ***	-0.48 ***	-0.47 ***	-0.47 ***
	[-0.53, -0.42], p = 0.00	[-0.53, -0.42], p = 0.00	[-0.53, -0.42], p = 0.00	[-0.52, -0.42], p = 0.00
factor(cntry)SK	-1.20 ***	-1.20 ***	-1.19 ***	-1.18 ***
	[-1.26, -1.13], p = 0.00	[-1.26, -1.13], p = 0.00	[-1.25, -1.13], p = 0.00	[-1.24, -1.11], p = 0.00
factor(cntry)UA	-2.29 ***	-2.27 ***	-2.29 ***	-2.27 ***
	[-2.36, -2.21], p = 0.00	[-2.35, -2.20], p = 0.00	[-2.36, -2.21], p = 0.00	[-2.34, -2.19], p = 0.00
res		0.04 ***		
		[0.03, 0.05], p = 0.00		
DBS9			-0.04 ***	
			[-0.06, -0.03], p = 0.00	
SDSo				0.08 ***
				[0.07, 0.09], p = 0.00
N	290619	290619	290619	290619
R2	0.14	0.14	0.14	0.14

All continuous predictors are mean-centered and scaled by 1 standard deviation. *** p < 0.001; ** p < 0.01; * p < 0.05.

```
### (11.3) SOCIAL TRUST
s1 <- svyglm(soctrst ~ gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESSdesign)
s2 <- svyglm(soctrst ~  res + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESSdesign)
s3 <- svyglm(soctrst ~ DBS9 + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESSdesign)
s4 <- svyglm(soctrst ~ SDSo + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESSdesign)

#the results from the regression models, including model info and model fit
summ(s1, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	soctrst
Type	Survey-weighted linear regression

R^2	0.141
Adj. R^2	0.141

	Est.	2.5%	97.5%	t val.	p
(Intercept)	3.884	3.809	3.959	101.239	0.000
gndr	0.051	0.031	0.071	4.968	0.000
agea	0.007	0.006	0.007	20.606	0.000
eduyrs	0.070	0.067	0.072	49.965	0.000
rlgdgr	0.036	0.032	0.040	18.493	0.000
essround	0.030	0.026	0.034	14.660	0.000
factor(cntry)BE	-0.371	-0.422	-0.321	-14.413	0.000
factor(cntry)BG	-1.689	-1.756	-1.623	-49.621	0.000
factor(cntry)CH	0.575	0.524	0.627	21.871	0.000
factor(cntry)CY	-1.437	-1.517	-1.356	-34.833	0.000
factor(cntry)CZ	-0.696	-0.753	-0.639	-23.937	0.000
factor(cntry)DE	-0.235	-0.284	-0.186	-9.435	0.000
factor(cntry)DK	1.280	1.227	1.333	47.516	0.000
factor(cntry)EE	0.034	-0.019	0.086	1.261	0.207
factor(cntry)ES	-0.472	-0.523	-0.421	-18.237	0.000
factor(cntry)FI	0.912	0.864	0.961	37.151	0.000
factor(cntry)FR	-0.479	-0.531	-0.427	-18.080	0.000
factor(cntry)GB	0.040	-0.010	0.090	1.570	0.116
factor(cntry)HU	-0.910	-0.967	-0.853	-31.344	0.000
factor(cntry)IE	0.205	0.153	0.256	7.752	0.000
factor(cntry)LT	-0.688	-0.759	-0.616	-18.848	0.000
factor(cntry)NL	0.421	0.372	0.470	16.953	0.000
factor(cntry)NO	1.097	1.047	1.147	42.795	0.000
factor(cntry)PL	-1.379	-1.432	-1.326	-50.657	0.000
factor(cntry)PT	-0.933	-0.991	-0.875	-31.354	0.000
factor(cntry)SE	0.869	0.818	0.920	33.473	0.000
factor(cntry)SI	-0.800	-0.857	-0.743	-27.477	0.000
factor(cntry)SK	-1.312	-1.377	-1.246	-39.221	0.000
factor(cntry)UA	-1.162	-1.239	-1.085	-29.591	0.000

Standard errors: Robust

```
summ(s2, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	soctrst

Type	Survey-weighted linear regression

R^2	0.143
Adj. R^2	0.143

	Est.	2.5%	97.5%	t val.	p
(Intercept)	3.886	3.811	3.961	101.488	0.000
res	1.083	0.950	1.215	16.031	0.000
gndr	0.055	0.034	0.075	5.312	0.000
agea	0.007	0.006	0.007	20.765	0.000
eduyrs	0.069	0.066	0.071	49.364	0.000
rlgdgr	0.035	0.031	0.039	18.118	0.000
essround	0.031	0.027	0.035	14.920	0.000
factor(cntry)BE	-0.383	-0.434	-0.333	-14.935	0.000
factor(cntry)BG	-1.683	-1.750	-1.617	-49.534	0.000
factor(cntry)CH	0.570	0.519	0.622	21.734	0.000
factor(cntry)CY	-1.440	-1.521	-1.360	-34.970	0.000
factor(cntry)CZ	-0.683	-0.740	-0.626	-23.518	0.000
factor(cntry)DE	-0.233	-0.281	-0.184	-9.363	0.000
factor(cntry)DK	1.279	1.226	1.332	47.564	0.000
factor(cntry)EE	0.034	-0.018	0.086	1.283	0.199
factor(cntry)ES	-0.460	-0.511	-0.409	-17.808	0.000
factor(cntry)FI	0.922	0.874	0.970	37.590	0.000
factor(cntry)FR	-0.448	-0.500	-0.396	-16.923	0.000
factor(cntry)GB	0.049	-0.001	0.099	1.933	0.053
factor(cntry)HU	-0.906	-0.963	-0.849	-31.280	0.000
factor(cntry)IE	0.214	0.163	0.266	8.130	0.000
factor(cntry)LT	-0.644	-0.715	-0.572	-17.658	0.000
factor(cntry)NL	0.408	0.359	0.456	16.446	0.000
factor(cntry)NO	1.092	1.042	1.142	42.713	0.000
factor(cntry)PL	-1.387	-1.440	-1.334	-51.057	0.000
factor(cntry)PT	-0.947	-1.006	-0.889	-31.886	0.000
factor(cntry)SE	0.871	0.820	0.922	33.623	0.000
factor(cntry)SI	-0.801	-0.858	-0.744	-27.612	0.000
factor(cntry)SK	-1.312	-1.378	-1.247	-39.229	0.000
factor(cntry)UA	-1.129	-1.206	-1.052	-28.761	0.000

Standard errors: Robust

```
summ(s3, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	soctrst
Type	Survey-weighted linear regression

R^2	0.141
Adj. R^2	0.141

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.128	4.030	4.226	82.435	0.000
DBS9	-0.255	-0.320	-0.189	-7.569	0.000
gndr	0.038	0.018	0.059	3.661	0.000
agea	0.006	0.006	0.007	18.968	0.000
eduyrs	0.069	0.067	0.072	49.903	0.000
rlgdgr	0.036	0.032	0.039	18.443	0.000
essround	0.029	0.025	0.033	14.145	0.000
factor(cntry)BE	-0.379	-0.430	-0.329	-14.723	0.000
factor(cntry)BG	-1.683	-1.750	-1.616	-49.443	0.000
factor(cntry)CH	0.563	0.511	0.615	21.377	0.000
factor(cntry)CY	-1.443	-1.524	-1.362	-34.982	0.000
factor(cntry)CZ	-0.692	-0.749	-0.635	-23.783	0.000
factor(cntry)DE	-0.251	-0.300	-0.202	-10.070	0.000
factor(cntry)DK	1.264	1.211	1.317	46.806	0.000
factor(cntry)EE	0.022	-0.030	0.075	0.843	0.399
factor(cntry)ES	-0.499	-0.550	-0.448	-19.116	0.000
factor(cntry)FI	0.885	0.836	0.933	35.638	0.000
factor(cntry)FR	-0.513	-0.565	-0.460	-19.152	0.000
factor(cntry)GB	0.027	-0.023	0.077	1.052	0.293
factor(cntry)HU	-0.905	-0.962	-0.848	-31.151	0.000
factor(cntry)IE	0.197	0.145	0.249	7.470	0.000
factor(cntry)LT	-0.671	-0.743	-0.599	-18.351	0.000
factor(cntry)NL	0.416	0.367	0.464	16.739	0.000
factor(cntry)NO	1.084	1.033	1.134	42.212	0.000
factor(cntry)PL	-1.376	-1.429	-1.323	-50.577	0.000
factor(cntry)PT	-0.928	-0.986	-0.870	-31.203	0.000
factor(cntry)SE	0.848	0.797	0.899	32.521	0.000
factor(cntry)SI	-0.797	-0.854	-0.740	-27.412	0.000
factor(cntry)SK	-1.302	-1.368	-1.236	-38.935	0.000
factor(cntry)UA	-1.160	-1.237	-1.083	-29.562	0.000

Standard errors: Robust

```
summ(s4, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	soctrst
Type	Survey-weighted linear regression

R^2	0.144

Adj. R^2 0.144

	Est.	2.5%	97.5%	t val.	p
(Intercept)	3.921	3.846	3.996	102.369	0.000
SDSo	0.101	0.091	0.112	19.123	0.000
gndr	0.014	-0.006	0.034	1.340	0.180
agea	0.005	0.005	0.006	16.265	0.000
eduyrs	0.069	0.066	0.071	49.341	0.000
rlgdgr	0.035	0.031	0.039	18.076	0.000
essround	0.027	0.023	0.031	13.317	0.000
factor(cntry)BE	-0.405	-0.455	-0.354	-15.745	0.000
factor(cntry)BG	-1.666	-1.733	-1.599	-49.036	0.000
factor(cntry)CH	0.534	0.483	0.586	20.332	0.000
factor(cntry)CY	-1.459	-1.540	-1.379	-35.401	0.000
factor(cntry)CZ	-0.673	-0.730	-0.616	-23.172	0.000
factor(cntry)DE	-0.282	-0.331	-0.233	-11.318	0.000
factor(cntry)DK	1.230	1.177	1.283	45.653	0.000
factor(cntry)EE	0.000	-0.052	0.052	0.002	0.998
factor(cntry)ES	-0.546	-0.597	-0.495	-20.944	0.000
factor(cntry)FI	0.834	0.786	0.883	33.660	0.000
factor(cntry)FR	-0.559	-0.611	-0.506	-20.948	0.000
factor(cntry)GB	0.006	-0.044	0.056	0.248	0.804
factor(cntry)HU	-0.891	-0.948	-0.834	-30.724	0.000
factor(cntry)IE	0.189	0.137	0.240	7.181	0.000
factor(cntry)LT	-0.606	-0.677	-0.534	-16.511	0.000
factor(cntry)NL	0.395	0.346	0.443	15.940	0.000
factor(cntry)NO	1.053	1.003	1.103	41.119	0.000
factor(cntry)PL	-1.376	-1.429	-1.323	-50.723	0.000
factor(cntry)PT	-0.928	-0.986	-0.870	-31.306	0.000
factor(cntry)SE	0.807	0.756	0.858	31.005	0.000
factor(cntry)SI	-0.794	-0.851	-0.737	-27.378	0.000
factor(cntry)SK	-1.282	-1.348	-1.217	-38.400	0.000
factor(cntry)UA	-1.132	-1.209	-1.055	-28.917	0.000

Standard errors: Robust

```
# calculationg the WALD statistics for the regression models
regTermTest(s2,"res")
```

```
## Wald test for res
##  in svyglm(formula = soctrst ~ res + gndr + agea + eduyrs + rlgdgr +
##     essround + factor(cntry), design = ESSdesign)
## F =  257.0061  on  1  and  290589  df: p= < 2.22e-16
```

```
regTermTest(s3,"DBS9")
```

```
## Wald test for DBS9
##  in svyglm(formula = soctrst ~ DBS9 + gndr + agea + eduyrs + rlgdgr +
##     essround + factor(cntry), design = ESSdesign)
## F =  57.28359  on  1  and  290589  df: p= 3.7839e-14
```

```
regTermTest(s4,"SDSo")
```

```
## Wald test for SDSo
##  in svyglm(formula = soctrst ~ SDSo + gndr + agea + eduyrs + rlgdgr +
##     essround + factor(cntry), design = ESSdesign)
## F =  365.708  on  1  and  290589  df: p= < 2.22e-16
```

```
# comparing the regression models, this works best with R markdown
export_summs(s1, s2, s3, s4, model.names = c("demographics", "res", "DBS9", "SDSo"),
             scale = TRUE, error_format = "[{conf.low}, {conf.high}], p = {p.value}")
```

	demographics	res	DBS9	SDSo
(Intercept)	5.48 ***	5.47 ***	5.50 ***	5.52 ***
	[5.44, 5.52], p = 0.00	[5.43, 5.51], p = 0.00	[5.45, 5.54], p = 0.00	[5.48, 5.56], p = 0.00
gndr	0.05 ***	0.05 ***	0.04 ***	0.01
	[0.03, 0.07], p = 0.00	[0.03, 0.07], p = 0.00	[0.02, 0.06], p = 0.00	[-0.01, 0.03], p = 0.18
agea	0.12 ***	0.12 ***	0.11 ***	0.09 ***
	[0.10, 0.13], p = 0.00	[0.11, 0.13], p = 0.00	[0.10, 0.12], p = 0.00	[0.08, 0.10], p = 0.00
eduyrs	0.28 ***	0.27 ***	0.28 ***	0.27 ***
	[0.27, 0.29], p = 0.00	[0.26, 0.28], p = 0.00	[0.27, 0.29], p = 0.00	[0.26, 0.28], p = 0.00
rlgdgr	0.11 ***	0.11 ***	0.11 ***	0.11 ***
	[0.10, 0.12], p = 0.00	[0.09, 0.12], p = 0.00	[0.10, 0.12], p = 0.00	[0.09, 0.12], p = 0.00
essround	0.08 ***	0.08 ***	0.07 ***	0.07 ***
	[0.07, 0.09], p = 0.00	[0.07, 0.09], p = 0.00	[0.06, 0.08], p = 0.00	[0.06, 0.08], p = 0.00
factor(cntry)BE	-0.37 ***	-0.38 ***	-0.38 ***	-0.40 ***
	[-0.42, -0.32], p = 0.00	[-0.43, -0.33], p = 0.00	[-0.43, -0.33], p = 0.00	[-0.46, -0.35], p = 0.00
factor(cntry)BG	-1.69 ***	-1.68 ***	-1.68 ***	-1.67 ***
	[-1.76, -1.62], p = 0.00	[-1.75, -1.62], p = 0.00	[-1.75, -1.62], p = 0.00	[-1.73, -1.60], p = 0.00
factor(cntry)CH	0.58 ***	0.57 ***	0.56 ***	0.53 ***
	[0.52, 0.63], p = 0.00	[0.52, 0.62], p = 0.00	[0.51, 0.61], p = 0.00	[0.48, 0.59], p = 0.00
factor(cntry)CY	-1.44 ***	-1.44 ***	-1.44 ***	-1.46 ***
	[-1.52, -1.36], p = 0.00	[-1.52, -1.36], p = 0.00	[-1.52, -1.36], p = 0.00	[-1.54, -1.38], p = 0.00
factor(cntry)CZ	-0.70 ***	-0.68 ***	-0.69 ***	-0.67 ***
	[-0.75, -0.64], p = 0.00	[-0.74, -0.63], p = 0.00	[-0.75, -0.63], p = 0.00	[-0.73, -0.62], p = 0.00
factor(cntry)DE	-0.24 ***	-0.23 ***	-0.25 ***	-0.28 ***
	[-0.28, -0.19], p = 0.00	[-0.28, -0.18], p = 0.00	[-0.30, -0.20], p = 0.00	[-0.33, -0.23], p = 0.00

factor(cntry)DK	1.28 ***	1.28 ***	1.26 ***	1.23 ***
	[1.23, 1.33], p = 0.00	[1.23, 1.33], p = 0.00	[1.21, 1.32], p = 0.00	[1.18, 1.28], p = 0.00
factor(cntry)EE	0.03	0.03	0.02	0.00
	[-0.02, 0.09], p = 0.21	[-0.02, 0.09], p = 0.20	[-0.03, 0.07], p = 0.40	[-0.05, 0.05], p = 1.00
factor(cntry)ES	-0.47 ***	-0.46 ***	-0.50 ***	-0.55 ***
	[-0.52, -0.42], p = 0.00	[-0.51, -0.41], p = 0.00	[-0.55, -0.45], p = 0.00	[-0.60, -0.50], p = 0.00
factor(cntry)FI	0.91 ***	0.92 ***	0.88 ***	0.83 ***
	[0.86, 0.96], p = 0.00	[0.87, 0.97], p = 0.00	[0.84, 0.93], p = 0.00	[0.79, 0.88], p = 0.00
factor(cntry)FR	-0.48 ***	-0.45 ***	-0.51 ***	-0.56 ***
	[-0.53, -0.43], p = 0.00	[-0.50, -0.40], p = 0.00	[-0.57, -0.46], p = 0.00	[-0.61, -0.51], p = 0.00
factor(cntry)GB	0.04	0.05	0.03	0.01
	[-0.01, 0.09], p = 0.12	[-0.00, 0.10], p = 0.05	[-0.02, 0.08], p = 0.29	[-0.04, 0.06], p = 0.80
factor(cntry)HU	-0.91 ***	-0.91 ***	-0.90 ***	-0.89 ***
	[-0.97, -0.85], p = 0.00	[-0.96, -0.85], p = 0.00	[-0.96, -0.85], p = 0.00	[-0.95, -0.83], p = 0.00
factor(cntry)IE	0.20 ***	0.21 ***	0.20 ***	0.19 ***
	[0.15, 0.26], p = 0.00	[0.16, 0.27], p = 0.00	[0.15, 0.25], p = 0.00	[0.14, 0.24], p = 0.00
factor(cntry)LT	-0.69 ***	-0.64 ***	-0.67 ***	-0.61 ***
	[-0.76, -0.62], p = 0.00	[-0.72, -0.57], p = 0.00	[-0.74, -0.60], p = 0.00	[-0.68, -0.53], p = 0.00
factor(cntry)NL	0.42 ***	0.41 ***	0.42 ***	0.39 ***
	[0.37, 0.47], p = 0.00	[0.36, 0.46], p = 0.00	[0.37, 0.46], p = 0.00	[0.35, 0.44], p = 0.00
factor(cntry)NO	1.10 ***	1.09 ***	1.08 ***	1.05 ***
	[1.05, 1.15], p = 0.00	[1.04, 1.14], p = 0.00	[1.03, 1.13], p = 0.00	[1.00, 1.10], p = 0.00
factor(cntry)PL	-1.38 ***	-1.39 ***	-1.38 ***	-1.38 ***
	[-1.43, -1.33], p = 0.00	[-1.44, -1.33], p = 0.00	[-1.43, -1.32], p = 0.00	[-1.43, -1.32], p = 0.00
factor(cntry)PT	-0.93 ***	-0.95 ***	-0.93 ***	-0.93 ***
	[-0.99, -0.87], p = 0.00	[-1.01, -0.89], p = 0.00	[-0.99, -0.87], p = 0.00	[-0.99, -0.87], p = 0.00
factor(cntry)SE	0.87 ***	0.87 ***	0.85 ***	0.81 ***
	[0.82, 0.92], p = 0.00	[0.82, 0.92], p = 0.00	[0.80, 0.90], p = 0.00	[0.76, 0.86], p = 0.00
factor(cntry)SI	-0.80 ***	-0.80 ***	-0.80 ***	-0.79 ***
	[-0.86, -0.74], p = 0.00	[-0.86, -0.74], p = 0.00	[-0.85, -0.74], p = 0.00	[-0.85, -0.74], p = 0.00
factor(cntry)SK	-1.31 ***	-1.31 ***	-1.30 ***	-1.28 ***
	[-1.38, -1.25], p = 0.00	[-1.38, -1.25], p = 0.00	[-1.37, -1.24], p = 0.00	[-1.35, -1.22], p = 0.00
factor(cntry)UA	-1.16 ***	-1.13 ***	-1.16 ***	-1.13 ***
	[-1.24, -1.09], p = 0.00	[-1.21, -1.05], p = 0.00	[-1.24, -1.08], p = 0.00	[-1.21, -1.06], p = 0.00
res		0.09 ***		

		[0.08, 0.10], p = 0.00		
DBS9			-0.04 ***	
			[-0.06, -0.03], p = 0.00	
SDSo				0.11 ***
				[0.10, 0.13], p = 0.00
N	290619	290619	290619	290619
R2	0.14	0.14	0.14	0.14

All continuous predictors are mean-centered and scaled by 1 standard deviation. *** p < 0.001; ** p < 0.01; * p < 0.05.

```
### (11.4) POLITICAL TRUST
p1 <- svyglm(trstprl ~ gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESSdesign)
p2 <- svyglm(trstprl ~ res + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESSdesign)
p3 <- svyglm(trstprl ~ DBS9 + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESSdesign)
p4 <- svyglm(trstprl ~ SDSo + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESSdesign)

#the results from the regression models, including model info and model fit
summ(p1, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	trstprl
Type	Survey-weighted linear regression

R^2	0.133
Adj. R^2	0.133

	Est.	2.5%	97.5%	t val.	p
(Intercept)	3.711	3.607	3.814	70.483	0.000
gndr	-0.225	-0.254	-0.197	-15.585	0.000
agea	0.003	0.002	0.004	6.093	0.000
eduyrs	0.085	0.081	0.089	42.595	0.000
rlgdgr	0.102	0.097	0.107	37.340	0.000
essround	-0.016	-0.021	-0.010	-5.384	0.000
factor(cntry)BE	-0.310	-0.376	-0.244	-9.182	0.000
factor(cntry)BG	-2.682	-2.764	-2.601	-64.560	0.000
factor(cntry)CH	0.994	0.928	1.060	29.425	0.000
factor(cntry)CY	-0.638	-0.746	-0.529	-11.522	0.000
factor(cntry)CZ	-1.166	-1.238	-1.095	-31.846	0.000
factor(cntry)DE	-0.442	-0.507	-0.378	-13.416	0.000
factor(cntry)DK	1.110	1.038	1.181	30.221	0.000
factor(cntry)EE	-0.475	-0.544	-0.405	-13.398	0.000
factor(cntry)ES	-0.644	-0.714	-0.574	-18.005	0.000
factor(cntry)FI	0.663	0.599	0.727	20.196	0.000
factor(cntry)FR	-0.714	-0.784	-0.644	-19.910	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)GB	-0.678	-0.746	-0.610	-19.575	0.000
factor(cntry)HU	-0.930	-1.006	-0.854	-24.071	0.000
factor(cntry)IE	-0.983	-1.052	-0.915	-28.066	0.000
factor(cntry)LT	-1.945	-2.033	-1.857	-43.365	0.000
factor(cntry)NL	0.310	0.246	0.374	9.454	0.000
factor(cntry)NO	1.123	1.054	1.192	31.927	0.000
factor(cntry)PL	-2.050	-2.118	-1.982	-58.896	0.000
factor(cntry)PT	-1.157	-1.234	-1.079	-29.081	0.000
factor(cntry)SE	1.060	0.991	1.128	30.306	0.000
factor(cntry)SI	-1.335	-1.408	-1.262	-36.021	0.000
factor(cntry)SK	-1.524	-1.607	-1.442	-36.028	0.000
factor(cntry)UA	-2.482	-2.576	-2.388	-51.759	0.000

Standard errors: Robust

```
summ(p2, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	trstprl
Type	Survey-weighted linear regression

R^2	0.136
Adj. R^2	0.136

	Est.	2.5%	97.5%	t val.	p
(Intercept)	3.713	3.610	3.816	70.611	0.000
res	1.474	1.290	1.657	15.757	0.000
gndr	-0.221	-0.249	-0.192	-15.263	0.000
agea	0.003	0.002	0.004	6.239	0.000
eduyrs	0.084	0.080	0.088	41.967	0.000
rlgdgr	0.101	0.096	0.106	36.961	0.000
essround	-0.015	-0.021	-0.009	-5.157	0.000
factor(cntry)BE	-0.327	-0.393	-0.261	-9.689	0.000
factor(cntry)BG	-2.674	-2.755	-2.593	-64.358	0.000
factor(cntry)CH	0.987	0.921	1.053	29.274	0.000
factor(cntry)CY	-0.643	-0.751	-0.535	-11.639	0.000
factor(cntry)CZ	-1.148	-1.220	-1.076	-31.370	0.000
factor(cntry)DE	-0.439	-0.504	-0.375	-13.336	0.000
factor(cntry)DK	1.108	1.036	1.180	30.211	0.000
factor(cntry)EE	-0.474	-0.543	-0.405	-13.396	0.000
factor(cntry)ES	-0.628	-0.698	-0.558	-17.574	0.000
factor(cntry)FI	0.676	0.612	0.740	20.613	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)FR	-0.671	-0.741	-0.601	-18.729	0.000
factor(cntry)GB	-0.666	-0.734	-0.598	-19.246	0.000
factor(cntry)HU	-0.925	-1.000	-0.849	-23.964	0.000
factor(cntry)IE	-0.970	-1.039	-0.901	-27.682	0.000
factor(cntry)LT	-1.885	-1.973	-1.797	-41.871	0.000
factor(cntry)NL	0.291	0.227	0.356	8.897	0.000
factor(cntry)NO	1.116	1.047	1.185	31.782	0.000
factor(cntry)PL	-2.061	-2.129	-1.993	-59.266	0.000
factor(cntry)PT	-1.176	-1.254	-1.098	-29.575	0.000
factor(cntry)SE	1.062	0.994	1.131	30.431	0.000
factor(cntry)SI	-1.337	-1.410	-1.265	-36.115	0.000
factor(cntry)SK	-1.525	-1.608	-1.442	-36.100	0.000
factor(cntry)UA	-2.437	-2.531	-2.343	-50.781	0.000

Standard errors: Robust

```
summ(p3, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	trstprl
Type	Survey-weighted linear regression

R^2	0.135
Adj. R^2	0.135

	Est.	2.5%	97.5%	t val.	p
(Intercept)	3.143	3.008	3.278	45.630	0.000
DBS9	0.593	0.502	0.684	12.832	0.000
gndr	-0.195	-0.224	-0.166	-13.266	0.000
agea	0.004	0.003	0.005	8.239	0.000
eduyrs	0.085	0.081	0.089	42.757	0.000
rlgdgr	0.102	0.097	0.108	37.466	0.000
essround	-0.013	-0.019	-0.008	-4.554	0.000
factor(cntry)BE	-0.291	-0.357	-0.225	-8.624	0.000
factor(cntry)BG	-2.697	-2.778	-2.615	-64.967	0.000
factor(cntry)CH	1.023	0.956	1.089	30.253	0.000
factor(cntry)CY	-0.623	-0.731	-0.514	-11.262	0.000
factor(cntry)CZ	-1.176	-1.248	-1.105	-32.182	0.000
factor(cntry)DE	-0.406	-0.470	-0.341	-12.287	0.000
factor(cntry)DK	1.147	1.075	1.219	31.184	0.000
factor(cntry)EE	-0.449	-0.518	-0.379	-12.654	0.000
factor(cntry)ES	-0.580	-0.651	-0.510	-16.130	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)FI	0.728	0.663	0.793	21.944	0.000
factor(cntry)FR	-0.636	-0.707	-0.565	-17.533	0.000
factor(cntry)GB	-0.647	-0.715	-0.580	-18.687	0.000
factor(cntry)HU	-0.942	-1.018	-0.867	-24.425	0.000
factor(cntry)IE	-0.966	-1.035	-0.897	-27.589	0.000
factor(cntry)LT	-1.983	-2.071	-1.895	-44.204	0.000
factor(cntry)NL	0.323	0.258	0.387	9.850	0.000
factor(cntry)NO	1.154	1.085	1.223	32.773	0.000
factor(cntry)PL	-2.057	-2.125	-1.989	-59.136	0.000
factor(cntry)PT	-1.168	-1.246	-1.090	-29.364	0.000
factor(cntry)SE	1.108	1.039	1.177	31.541	0.000
factor(cntry)SI	-1.340	-1.413	-1.268	-36.196	0.000
factor(cntry)SK	-1.547	-1.630	-1.464	-36.582	0.000
factor(cntry)UA	-2.487	-2.581	-2.393	-51.837	0.000

Standard errors: Robust

```
summ(p4, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	trstprl
Type	Survey-weighted linear regression

R^2	0.134
Adj. R^2	0.134

	Est.	2.5%	97.5%	t val.	p
(Intercept)	3.697	3.593	3.800	70.147	0.000
SDSo	-0.039	-0.053	-0.024	-5.311	0.000
gndr	-0.211	-0.240	-0.182	-14.323	0.000
agea	0.003	0.002	0.004	7.070	0.000
eduyrs	0.085	0.081	0.089	42.787	0.000
rlgdgr	0.102	0.097	0.108	37.448	0.000
essround	-0.015	-0.020	-0.009	-5.005	0.000
factor(cntry)BE	-0.297	-0.364	-0.231	-8.779	0.000
factor(cntry)BG	-2.691	-2.773	-2.610	-64.751	0.000
factor(cntry)CH	1.010	0.943	1.076	29.787	0.000
factor(cntry)CY	-0.629	-0.738	-0.521	-11.366	0.000
factor(cntry)CZ	-1.175	-1.247	-1.103	-32.079	0.000
factor(cntry)DE	-0.425	-0.490	-0.360	-12.818	0.000
factor(cntry)DK	1.129	1.056	1.201	30.605	0.000
factor(cntry)EE	-0.462	-0.532	-0.392	-13.003	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)ES	-0.615	-0.686	-0.544	-17.046	0.000
factor(cntry)FI	0.693	0.628	0.758	20.811	0.000
factor(cntry)FR	-0.683	-0.755	-0.612	-18.819	0.000
factor(cntry)GB	-0.665	-0.733	-0.597	-19.162	0.000
factor(cntry)HU	-0.937	-1.013	-0.861	-24.253	0.000
factor(cntry)IE	-0.977	-1.046	-0.909	-27.896	0.000
factor(cntry)LT	-1.976	-2.065	-1.887	-43.698	0.000
factor(cntry)NL	0.320	0.256	0.384	9.747	0.000
factor(cntry)NO	1.139	1.070	1.209	32.280	0.000
factor(cntry)PL	-2.051	-2.119	-1.983	-58.935	0.000
factor(cntry)PT	-1.158	-1.236	-1.080	-29.121	0.000
factor(cntry)SE	1.083	1.014	1.152	30.738	0.000
factor(cntry)SI	-1.337	-1.410	-1.265	-36.084	0.000
factor(cntry)SK	-1.536	-1.619	-1.453	-36.253	0.000
factor(cntry)UA	-2.494	-2.588	-2.399	-51.855	0.000

Standard errors: Robust

```
# calculating the WALD statistics for the regression models
regTermTest(p2,"res")
```

```
## Wald test for res
##  in svyglm(formula = trstprl ~ res + gndr + agea + eduyrs + rlgdgr +
##     essround + factor(cntry), design = ESSdesign)
## F =  248.2858  on  1  and  290589  df: p= < 2.22e-16
```

```
regTermTest(p3,"DBS9")
```

```
## Wald test for DBS9
##  in svyglm(formula = trstprl ~ DBS9 + gndr + agea + eduyrs + rlgdgr +
##     essround + factor(cntry), design = ESSdesign)
## F =  164.6586  on  1  and  290589  df: p= < 2.22e-16
```

```
regTermTest(p4,"SDSo")
```

```
## Wald test for SDSo
##  in svyglm(formula = trstprl ~ SDSo + gndr + agea + eduyrs + rlgdgr +
##     essround + factor(cntry), design = ESSdesign)
## F =  28.20412  on  1  and  290589  df: p= 1.0925e-07
```

```
# comparing the regression models, this works best with R markdown
export_summs(p1, p2, p3, p4, model.names = c("demographics", "res", "DBS9", "SDSo"),
             scale = TRUE, error_format = "[{conf.low}, {conf.high}], p = {p.value}")
```

	demographics	res	DBS9	SDSo
(Intercept)	4.96 ***	4.95 ***	4.93 ***	4.95 ***
	[4.91, 5.02], p = 0.00	[4.90, 5.00], p = 0.00	[4.88, 4.98], p = 0.00	[4.89, 5.00], p = 0.00
gndr	-0.23 ***	-0.22 ***	-0.19 ***	-0.21 ***

	[-0.25, -0.20], p = 0.00	[-0.25, -0.19], p = 0.00	[-0.22, -0.17], p = 0.00	[-0.24, -0.18], p = 0.00
agea	0.05 ***	0.05 ***	0.07 ***	0.06 ***
	[0.03, 0.06], p = 0.00	[0.03, 0.06], p = 0.00	[0.05, 0.08], p = 0.00	[0.04, 0.07], p = 0.00
eduyrs	0.34 ***	0.33 ***	0.34 ***	0.34 ***
	[0.32, 0.35], p = 0.00	[0.32, 0.35], p = 0.00	[0.32, 0.35], p = 0.00	[0.32, 0.35], p = 0.00
rlgdgr	0.31 ***	0.30 ***	0.31 ***	0.31 ***
	[0.29, 0.32], p = 0.00	[0.29, 0.32], p = 0.00	[0.29, 0.32], p = 0.00	[0.29, 0.32], p = 0.00
essround	-0.04 ***	-0.04 ***	-0.03 ***	-0.04 ***
	[-0.05, -0.03], p = 0.00	[-0.05, -0.02], p = 0.00	[-0.05, -0.02], p = 0.00	[-0.05, -0.02], p = 0.00
factor(cntry)BE	-0.31 ***	-0.33 ***	-0.29 ***	-0.30 ***
	[-0.38, -0.24], p = 0.00	[-0.39, -0.26], p = 0.00	[-0.36, -0.23], p = 0.00	[-0.36, -0.23], p = 0.00
factor(cntry)BG	-2.68 ***	-2.67 ***	-2.70 ***	-2.69 ***
	[-2.76, -2.60], p = 0.00	[-2.76, -2.59], p = 0.00	[-2.78, -2.62], p = 0.00	[-2.77, -2.61], p = 0.00
factor(cntry)CH	0.99 ***	0.99 ***	1.02 ***	1.01 ***
	[0.93, 1.06], p = 0.00	[0.92, 1.05], p = 0.00	[0.96, 1.09], p = 0.00	[0.94, 1.08], p = 0.00
factor(cntry)CY	-0.64 ***	-0.64 ***	-0.62 ***	-0.63 ***
	[-0.75, -0.53], p = 0.00	[-0.75, -0.53], p = 0.00	[-0.73, -0.51], p = 0.00	[-0.74, -0.52], p = 0.00
factor(cntry)CZ	-1.17 ***	-1.15 ***	-1.18 ***	-1.18 ***
	[-1.24, -1.09], p = 0.00	[-1.22, -1.08], p = 0.00	[-1.25, -1.10], p = 0.00	[-1.25, -1.10], p = 0.00
factor(cntry)DE	-0.44 ***	-0.44 ***	-0.41 ***	-0.42 ***
	[-0.51, -0.38], p = 0.00	[-0.50, -0.37], p = 0.00	[-0.47, -0.34], p = 0.00	[-0.49, -0.36], p = 0.00
factor(cntry)DK	1.11 ***	1.11 ***	1.15 ***	1.13 ***
	[1.04, 1.18], p = 0.00	[1.04, 1.18], p = 0.00	[1.07, 1.22], p = 0.00	[1.06, 1.20], p = 0.00
factor(cntry)EE	-0.47 ***	-0.47 ***	-0.45 ***	-0.46 ***
	[-0.54, -0.41], p = 0.00	[-0.54, -0.40], p = 0.00	[-0.52, -0.38], p = 0.00	[-0.53, -0.39], p = 0.00
factor(cntry)ES	-0.64 ***	-0.63 ***	-0.58 ***	-0.62 ***
	[-0.71, -0.57], p = 0.00	[-0.70, -0.56], p = 0.00	[-0.65, -0.51], p = 0.00	[-0.69, -0.54], p = 0.00
factor(cntry)FI	0.66 ***	0.68 ***	0.73 ***	0.69 ***
	[0.60, 0.73], p = 0.00	[0.61, 0.74], p = 0.00	[0.66, 0.79], p = 0.00	[0.63, 0.76], p = 0.00
factor(cntry)FR	-0.71 ***	-0.67 ***	-0.64 ***	-0.68 ***
	[-0.78, -0.64], p = 0.00	[-0.74, -0.60], p = 0.00	[-0.71, -0.56], p = 0.00	[-0.75, -0.61], p = 0.00
factor(cntry)GB	-0.68 ***	-0.67 ***	-0.65 ***	-0.67 ***
	[-0.75, -0.61], p = 0.00	[-0.73, -0.60], p = 0.00	[-0.72, -0.58], p = 0.00	[-0.73, -0.60], p = 0.00
factor(cntry)HU	-0.93 ***	-0.92 ***	-0.94 ***	-0.94 ***
	[-1.01, -0.85], p = 0.00	[-1.00, -0.85], p = 0.00	[-1.02, -0.87], p = 0.00	[-1.01, -0.86], p = 0.00

factor(cntry)IE	-0.98 ***	-0.97 ***	-0.97 ***	-0.98 ***
	[-1.05, -0.91], p = 0.00	[-1.04, -0.90], p = 0.00	[-1.03, -0.90], p = 0.00	[-1.05, -0.91], p = 0.00
factor(cntry)LT	-1.94 ***	-1.88 ***	-1.98 ***	-1.98 ***
	[-2.03, -1.86], p = 0.00	[-1.97, -1.80], p = 0.00	[-2.07, -1.90], p = 0.00	[-2.06, -1.89], p = 0.00
factor(cntry)NL	0.31 ***	0.29 ***	0.32 ***	0.32 ***
	[0.25, 0.37], p = 0.00	[0.23, 0.36], p = 0.00	[0.26, 0.39], p = 0.00	[0.26, 0.38], p = 0.00
factor(cntry)NO	1.12 ***	1.12 ***	1.15 ***	1.14 ***
	[1.05, 1.19], p = 0.00	[1.05, 1.19], p = 0.00	[1.08, 1.22], p = 0.00	[1.07, 1.21], p = 0.00
factor(cntry)PL	-2.05 ***	-2.06 ***	-2.06 ***	-2.05 ***
	[-2.12, -1.98], p = 0.00	[-2.13, -1.99], p = 0.00	[-2.13, -1.99], p = 0.00	[-2.12, -1.98], p = 0.00
factor(cntry)PT	-1.16 ***	-1.18 ***	-1.17 ***	-1.16 ***
	[-1.23, -1.08], p = 0.00	[-1.25, -1.10], p = 0.00	[-1.25, -1.09], p = 0.00	[-1.24, -1.08], p = 0.00
factor(cntry)SE	1.06 ***	1.06 ***	1.11 ***	1.08 ***
	[0.99, 1.13], p = 0.00	[0.99, 1.13], p = 0.00	[1.04, 1.18], p = 0.00	[1.01, 1.15], p = 0.00
factor(cntry)SI	-1.33 ***	-1.34 ***	-1.34 ***	-1.34 ***
	[-1.41, -1.26], p = 0.00	[-1.41, -1.26], p = 0.00	[-1.41, -1.27], p = 0.00	[-1.41, -1.26], p = 0.00
factor(cntry)SK	-1.52 ***	-1.52 ***	-1.55 ***	-1.54 ***
	[-1.61, -1.44], p = 0.00	[-1.61, -1.44], p = 0.00	[-1.63, -1.46], p = 0.00	[-1.62, -1.45], p = 0.00
factor(cntry)UA	-2.48 ***	-2.44 ***	-2.49 ***	-2.49 ***
	[-2.58, -2.39], p = 0.00	[-2.53, -2.34], p = 0.00	[-2.58, -2.39], p = 0.00	[-2.59, -2.40], p = 0.00
res		0.12 ***		
		[0.11, 0.14], p = 0.00		
DBS9			0.10 ***	
			[0.09, 0.12], p = 0.00	
SDSo				-0.04 ***
				[-0.06, -0.03], p = 0.00
N	290619	290619	290619	290619
R2	0.13	0.14	0.13	0.13

All continuous predictors are mean-centered and scaled by 1 standard deviation. *** p < 0.001; ** p < 0.01; * p < 0.05.

```
### (11.5) VOTING
v1 <- svyglm(vote1 ~ gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), family=quasibinomial,  design=
ESSdesign, maxit=100)
v2 <- svyglm(vote1 ~ res + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), family=quasibinomial,  d
esign=ESSdesign, maxit=100)
v3 <- svyglm(vote1 ~ DBS9 + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), family=quasibinomial, d
esign=ESSdesign, maxit=100)
v4 <- svyglm(vote1 ~ SDSo + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), family=quasibinomial, d
esign=ESSdesign, maxit=100)

# the results from the regression models, including model info and model fit
summ(v1, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	vote1
Type	Survey-weighted generalized linear model
Family	quasibinomial
Link	logit

Pseudo-R² (Cragg-Uhler)	0.030
Pseudo-R² (McFadden)	0.094
AIC	NA

	Est.	2.5%	97.5%	t val.	p
(Intercept)	-1.515	-1.633	-1.397	-25.154	0.000
gndr	-0.102	-0.132	-0.071	-6.447	0.000
agea	0.039	0.037	0.040	71.519	0.000
eduyrs	0.131	0.126	0.136	52.471	0.000
rlgdgr	0.034	0.028	0.039	11.556	0.000
essround	-0.035	-0.041	-0.029	-10.930	0.000
factor(cntry)BE	0.495	0.405	0.585	10.774	0.000
factor(cntry)BG	-0.589	-0.680	-0.499	-12.775	0.000
factor(cntry)CH	-0.867	-0.946	-0.789	-21.698	0.000
factor(cntry)CY	0.029	-0.096	0.155	0.460	0.646
factor(cntry)CZ	-1.200	-1.279	-1.121	-29.834	0.000
factor(cntry)DE	-0.303	-0.381	-0.226	-7.695	0.000
factor(cntry)DK	0.911	0.804	1.019	16.572	0.000
factor(cntry)EE	-0.985	-1.062	-0.908	-25.197	0.000
factor(cntry)ES	-0.138	-0.219	-0.057	-3.351	0.001
factor(cntry)FI	-0.283	-0.362	-0.204	-7.031	0.000
factor(cntry)FR	-0.774	-0.853	-0.695	-19.199	0.000
factor(cntry)GB	-0.859	-0.935	-0.783	-22.053	0.000
factor(cntry)HU	-0.470	-0.552	-0.388	-11.246	0.000
factor(cntry)IE	-0.686	-0.763	-0.608	-17.337	0.000
factor(cntry)LT	-1.442	-1.532	-1.352	-31.404	0.000
factor(cntry)NL	-0.126	-0.209	-0.044	-3.012	0.003

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)NO	0.148	0.060	0.236	3.308	0.001
factor(cntry)PL	-0.831	-0.907	-0.754	-21.297	0.000
factor(cntry)PT	-0.256	-0.341	-0.171	-5.902	0.000
factor(cntry)SE	0.827	0.730	0.924	16.752	0.000
factor(cntry)SI	-0.700	-0.779	-0.620	-17.203	0.000
factor(cntry)SK	-0.701	-0.791	-0.612	-15.421	0.000
factor(cntry)UA	-0.077	-0.181	0.027	-1.448	0.148

Standard errors: Robust

```
summ(v2, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	vote1
Type	Survey-weighted generalized linear model
Family	quasibinomial
Link	logit

Pseudo-R^2 (Cragg-Uhler)	0.030
Pseudo-R^2 (McFadden)	0.094
AIC	NA

	Est.	2.5%	97.5%	t val.	p
(Intercept)	-1.503	-1.621	-1.385	-24.969	0.000
res	0.885	0.706	1.065	9.660	0.000
gndr	-0.101	-0.132	-0.070	-6.399	0.000
agea	0.038	0.037	0.040	71.556	0.000
eduyrs	0.130	0.125	0.135	52.112	0.000
rlgdgr	0.033	0.027	0.039	11.348	0.000
essround	-0.034	-0.041	-0.028	-10.830	0.000
factor(cntry)BE	0.483	0.393	0.574	10.507	0.000
factor(cntry)BG	-0.585	-0.676	-0.495	-12.662	0.000
factor(cntry)CH	-0.875	-0.953	-0.797	-21.873	0.000
factor(cntry)CY	0.025	-0.101	0.150	0.383	0.702
factor(cntry)CZ	-1.191	-1.270	-1.112	-29.570	0.000
factor(cntry)DE	-0.304	-0.381	-0.226	-7.695	0.000
factor(cntry)DK	0.910	0.802	1.018	16.543	0.000
factor(cntry)EE	-0.987	-1.064	-0.911	-25.233	0.000
factor(cntry)ES	-0.132	-0.213	-0.051	-3.187	0.001
factor(cntry)FI	-0.279	-0.358	-0.200	-6.922	0.000
factor(cntry)FR	-0.750	-0.829	-0.671	-18.570	0.000
factor(cntry)GB	-0.854	-0.930	-0.777	-21.881	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)HU	-0.468	-0.550	-0.386	-11.178	0.000
factor(cntry)IE	-0.679	-0.757	-0.601	-17.141	0.000
factor(cntry)LT	-1.407	-1.498	-1.317	-30.450	0.000
factor(cntry)NL	-0.139	-0.221	-0.057	-3.306	0.001
factor(cntry)NO	0.143	0.056	0.231	3.198	0.001
factor(cntry)PL	-0.840	-0.916	-0.763	-21.486	0.000
factor(cntry)PT	-0.271	-0.356	-0.186	-6.239	0.000
factor(cntry)SE	0.828	0.731	0.925	16.754	0.000
factor(cntry)SI	-0.703	-0.783	-0.624	-17.266	0.000
factor(cntry)SK	-0.702	-0.791	-0.612	-15.389	0.000
factor(cntry)UA	-0.048	-0.152	0.056	-0.897	0.369

Standard errors: Robust

```
summ(v3, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	vote1
Type	Survey-weighted generalized linear model
Family	quasibinomial
Link	logit

Pseudo-R^2 (Cragg-Uhler)	0.030
Pseudo-R^2 (McFadden)	0.094
AIC	NA

	Est.	2.5%	97.5%	t val.	p
(Intercept)	-1.382	-1.533	-1.231	-17.956	0.000
DBS9	-0.140	-0.239	-0.041	-2.763	0.006
gndr	-0.108	-0.140	-0.077	-6.798	0.000
agea	0.038	0.037	0.039	69.994	0.000
eduyrs	0.131	0.126	0.136	52.455	0.000
rlgdgr	0.034	0.028	0.039	11.537	0.000
essround	-0.035	-0.042	-0.029	-11.095	0.000
factor(cntry)BE	0.491	0.401	0.581	10.689	0.000
factor(cntry)BG	-0.585	-0.676	-0.495	-12.687	0.000
factor(cntry)CH	-0.874	-0.952	-0.795	-21.822	0.000
factor(cntry)CY	0.026	-0.099	0.152	0.410	0.682
factor(cntry)CZ	-1.197	-1.276	-1.118	-29.742	0.000
factor(cntry)DE	-0.311	-0.388	-0.234	-7.874	0.000
factor(cntry)DK	0.903	0.795	1.011	16.393	0.000
factor(cntry)EE	-0.990	-1.067	-0.914	-25.301	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)ES	-0.152	-0.234	-0.071	-3.668	0.000
factor(cntry)FI	-0.298	-0.377	-0.218	-7.332	0.000
factor(cntry)FR	-0.791	-0.872	-0.711	-19.379	0.000
factor(cntry)GB	-0.866	-0.942	-0.789	-22.165	0.000
factor(cntry)HU	-0.467	-0.548	-0.385	-11.161	0.000
factor(cntry)IE	-0.689	-0.767	-0.611	-17.415	0.000
factor(cntry)LT	-1.433	-1.523	-1.342	-31.125	0.000
factor(cntry)NL	-0.129	-0.211	-0.046	-3.062	0.002
factor(cntry)NO	0.141	0.053	0.229	3.145	0.002
factor(cntry)PL	-0.829	-0.905	-0.752	-21.239	0.000
factor(cntry)PT	-0.252	-0.337	-0.167	-5.820	0.000
factor(cntry)SE	0.816	0.719	0.913	16.473	0.000
factor(cntry)SI	-0.698	-0.778	-0.618	-17.163	0.000
factor(cntry)SK	-0.696	-0.785	-0.606	-15.281	0.000
factor(cntry)UA	-0.075	-0.179	0.029	-1.421	0.155

Standard errors: Robust

```
summ(v4, confint = TRUE, digits = 3)
```

Observations	290619
Dependent variable	vote1
Type	Survey-weighted generalized linear model
Family	quasibinomial
Link	logit

Pseudo-R^2 (Cragg-Uhler)	0.030
Pseudo-R^2 (McFadden)	0.094
AIC	NA

	Est.	2.5%	97.5%	t val.	p
(Intercept)	-1.487	-1.605	-1.369	-24.678	0.000
SDSo	0.073	0.057	0.088	9.286	0.000
gndr	-0.128	-0.160	-0.097	-8.003	0.000
agea	0.038	0.036	0.039	68.371	0.000
eduyrs	0.130	0.126	0.135	52.180	0.000
rlgdgr	0.033	0.028	0.039	11.350	0.000
essround	-0.037	-0.043	-0.030	-11.513	0.000
factor(cntry)BE	0.473	0.383	0.563	10.283	0.000
factor(cntry)BG	-0.571	-0.662	-0.481	-12.373	0.000
factor(cntry)CH	-0.897	-0.975	-0.818	-22.371	0.000
factor(cntry)CY	0.014	-0.111	0.139	0.219	0.827

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)CZ	-1.181	-1.260	-1.103	-29.326	0.000
factor(cntry)DE	-0.334	-0.412	-0.257	-8.442	0.000
factor(cntry)DK	0.877	0.769	0.985	15.911	0.000
factor(cntry)EE	-1.007	-1.084	-0.931	-25.705	0.000
factor(cntry)ES	-0.190	-0.272	-0.109	-4.574	0.000
factor(cntry)FI	-0.338	-0.418	-0.259	-8.307	0.000
factor(cntry)FR	-0.830	-0.910	-0.750	-20.346	0.000
factor(cntry)GB	-0.881	-0.958	-0.805	-22.557	0.000
factor(cntry)HU	-0.455	-0.537	-0.373	-10.878	0.000
factor(cntry)IE	-0.694	-0.772	-0.617	-17.551	0.000
factor(cntry)LT	-1.382	-1.473	-1.291	-29.822	0.000
factor(cntry)NL	-0.143	-0.225	-0.060	-3.395	0.001
factor(cntry)NO	0.117	0.029	0.205	2.612	0.009
factor(cntry)PL	-0.827	-0.904	-0.751	-21.206	0.000
factor(cntry)PT	-0.251	-0.336	-0.166	-5.797	0.000
factor(cntry)SE	0.783	0.686	0.880	15.793	0.000
factor(cntry)SI	-0.695	-0.775	-0.615	-17.092	0.000
factor(cntry)SK	-0.678	-0.767	-0.589	-14.890	0.000
factor(cntry)UA	-0.053	-0.157	0.051	-1.000	0.317

Standard errors: Robust

```
# calculating the WALD statistics for the regression models
regTermTest(v2,"res")
```

```
## Wald test for res
##  in svyglm(formula = vote1 ~ res + gndr + agea + eduyrs + rlgdgr +
##     essround + factor(cntry), design = ESSdesign, family = quasibinomial,
##     maxit = 100)
## F =  93.32018  on  1  and  290589  df: p= < 2.22e-16
```

```
regTermTest(v3,"DBS9")
```

```
## Wald test for DBS9
##  in svyglm(formula = vote1 ~ DBS9 + gndr + agea + eduyrs + rlgdgr +
##     essround + factor(cntry), design = ESSdesign, family = quasibinomial,
##     maxit = 100)
## F =  7.635965  on  1  and  290589  df: p= 0.0057219
```

```
regTermTest(v4,"SDSo")
```

```
## Wald test for SDSo
##  in svyglm(formula = vote1 ~ SDSo + gndr + agea + eduyrs + rlgdgr +
##     essround + factor(cntry), design = ESSdesign, family = quasibinomial,
##     maxit = 100)
## F =  86.22188  on  1  and  290589  df: p= < 2.22e-16
```

```
# comparing the regression models, this works best with R markdown
export_summs(v1, v2, v3, v4, model.names = c("demographics", "res", "DBS9", "SDSo"),
             scale = TRUE, error_format = "[{conf.low}, {conf.high}], p = {p.value}")
```

	demographics	res	DBS9	SDSo
(Intercept)	1.85 ***	1.85 ***	1.86 ***	1.88 ***
	[1.79, 1.92], p = 0.00	[1.79, 1.91], p = 0.00	[1.80, 1.93], p = 0.00	[1.81, 1.94], p = 0.00
gndr	-0.10 ***	-0.10 ***	-0.11 ***	-0.13 ***
	[-0.13, -0.07], p = 0.00	[-0.13, -0.07], p = 0.00	[-0.14, -0.08], p = 0.00	[-0.16, -0.10], p = 0.00
agea	0.67 ***	0.67 ***	0.67 ***	0.66 ***
	[0.65, 0.69], p = 0.00	[0.65, 0.69], p = 0.00	[0.65, 0.69], p = 0.00	[0.64, 0.67], p = 0.00
eduyrs	0.52 ***	0.52 ***	0.52 ***	0.52 ***
	[0.50, 0.54], p = 0.00	[0.50, 0.54], p = 0.00	[0.50, 0.54], p = 0.00	[0.50, 0.54], p = 0.00
rlgdgr	0.10 ***	0.10 ***	0.10 ***	0.10 ***
	[0.08, 0.12], p = 0.00	[0.08, 0.12], p = 0.00	[0.08, 0.12], p = 0.00	[0.08, 0.12], p = 0.00
essround	-0.09 ***	-0.09 ***	-0.09 ***	-0.09 ***
	[-0.10, -0.07], p = 0.00	[-0.10, -0.07], p = 0.00	[-0.11, -0.07], p = 0.00	[-0.11, -0.08], p = 0.00
factor(cntry)BE	0.49 ***	0.48 ***	0.49 ***	0.47 ***
	[0.40, 0.58], p = 0.00	[0.39, 0.57], p = 0.00	[0.40, 0.58], p = 0.00	[0.38, 0.56], p = 0.00
factor(cntry)BG	-0.59 ***	-0.59 ***	-0.59 ***	-0.57 ***
	[-0.68, -0.50], p = 0.00	[-0.68, -0.49], p = 0.00	[-0.68, -0.49], p = 0.00	[-0.66, -0.48], p = 0.00
factor(cntry)CH	-0.87 ***	-0.88 ***	-0.87 ***	-0.90 ***
	[-0.95, -0.79], p = 0.00	[-0.95, -0.80], p = 0.00	[-0.95, -0.80], p = 0.00	[-0.98, -0.82], p = 0.00
factor(cntry)CY	0.03	0.02	0.03	0.01
	[-0.10, 0.15], p = 0.65	[-0.10, 0.15], p = 0.70	[-0.10, 0.15], p = 0.68	[-0.11, 0.14], p = 0.83
factor(cntry)CZ	-1.20 ***	-1.19 ***	-1.20 ***	-1.18 ***
	[-1.28, -1.12], p = 0.00	[-1.27, -1.11], p = 0.00	[-1.28, -1.12], p = 0.00	[-1.26, -1.10], p = 0.00
factor(cntry)DE	-0.30 ***	-0.30 ***	-0.31 ***	-0.33 ***
	[-0.38, -0.23], p = 0.00	[-0.38, -0.23], p = 0.00	[-0.39, -0.23], p = 0.00	[-0.41, -0.26], p = 0.00
factor(cntry)DK	0.91 ***	0.91 ***	0.90 ***	0.88 ***
	[0.80, 1.02], p = 0.00	[0.80, 1.02], p = 0.00	[0.79, 1.01], p = 0.00	[0.77, 0.98], p = 0.00
factor(cntry)EE	-0.98 ***	-0.99 ***	-0.99 ***	-1.01 ***
	[-1.06, -0.91], p = 0.00	[-1.06, -0.91], p = 0.00	[-1.07, -0.91], p = 0.00	[-1.08, -0.93], p = 0.00
factor(cntry)ES	-0.14 ***	-0.13 **	-0.15 ***	-0.19 ***
	[-0.22, -0.06], p = 0.00	[-0.21, -0.05], p = 0.00	[-0.23, -0.07], p = 0.00	[-0.27, -0.11], p = 0.00
factor(cntry)FI	-0.28 ***	-0.28 ***	-0.30 ***	-0.34 ***
	[-0.36, -0.20], p = 0.00	[-0.36, -0.20], p = 0.00	[-0.38, -0.22], p = 0.00	[-0.42, -0.26], p = 0.00
factor(cntry)FR	-0.77 ***	-0.75 ***	-0.79 ***	-0.83 ***
	[-0.85, -0.69], p = 0.00	[-0.83, -0.67], p = 0.00	[-0.87, -0.71], p = 0.00	[-0.91, -0.75], p = 0.00

factor(cntry)GB	-0.86 ***	-0.85 ***	-0.87 ***	-0.88 ***
	[-0.94, -0.78], p = 0.00	[-0.93, -0.78], p = 0.00	[-0.94, -0.79], p = 0.00	[-0.96, -0.80], p = 0.00
factor(cntry)HU	-0.47 ***	-0.47 ***	-0.47 ***	-0.45 ***
	[-0.55, -0.39], p = 0.00	[-0.55, -0.39], p = 0.00	[-0.55, -0.38], p = 0.00	[-0.54, -0.37], p = 0.00
factor(cntry)IE	-0.69 ***	-0.68 ***	-0.69 ***	-0.69 ***
	[-0.76, -0.61], p = 0.00	[-0.76, -0.60], p = 0.00	[-0.77, -0.61], p = 0.00	[-0.77, -0.62], p = 0.00
factor(cntry)LT	-1.44 ***	-1.41 ***	-1.43 ***	-1.38 ***
	[-1.53, -1.35], p = 0.00	[-1.50, -1.32], p = 0.00	[-1.52, -1.34], p = 0.00	[-1.47, -1.29], p = 0.00
factor(cntry)NL	-0.13 **	-0.14 ***	-0.13 **	-0.14 ***
	[-0.21, -0.04], p = 0.00	[-0.22, -0.06], p = 0.00	[-0.21, -0.05], p = 0.00	[-0.23, -0.06], p = 0.00
factor(cntry)NO	0.15 ***	0.14 **	0.14 **	0.12 **
	[0.06, 0.24], p = 0.00	[0.06, 0.23], p = 0.00	[0.05, 0.23], p = 0.00	[0.03, 0.21], p = 0.01
factor(cntry)PL	-0.83 ***	-0.84 ***	-0.83 ***	-0.83 ***
	[-0.91, -0.75], p = 0.00	[-0.92, -0.76], p = 0.00	[-0.90, -0.75], p = 0.00	[-0.90, -0.75], p = 0.00
factor(cntry)PT	-0.26 ***	-0.27 ***	-0.25 ***	-0.25 ***
	[-0.34, -0.17], p = 0.00	[-0.36, -0.19], p = 0.00	[-0.34, -0.17], p = 0.00	[-0.34, -0.17], p = 0.00
factor(cntry)SE	0.83 ***	0.83 ***	0.82 ***	0.78 ***
	[0.73, 0.92], p = 0.00	[0.73, 0.93], p = 0.00	[0.72, 0.91], p = 0.00	[0.69, 0.88], p = 0.00
factor(cntry)SI	-0.70 ***	-0.70 ***	-0.70 ***	-0.70 ***
	[-0.78, -0.62], p = 0.00	[-0.78, -0.62], p = 0.00	[-0.78, -0.62], p = 0.00	[-0.77, -0.62], p = 0.00
factor(cntry)SK	-0.70 ***	-0.70 ***	-0.70 ***	-0.68 ***
	[-0.79, -0.61], p = 0.00	[-0.79, -0.61], p = 0.00	[-0.78, -0.61], p = 0.00	[-0.77, -0.59], p = 0.00
factor(cntry)UA	-0.08	-0.05	-0.08	-0.05
	[-0.18, 0.03], p = 0.15	[-0.15, 0.06], p = 0.37	[-0.18, 0.03], p = 0.16	[-0.16, 0.05], p = 0.32
res		0.07 ***		
		[0.06, 0.09], p = 0.00		
DBS9			-0.02 **	
			[-0.04, -0.01], p = 0.01	
SDSo				0.08 ***
				[0.06, 0.10], p = 0.00
N	290619	290619	290619	290619
R2				

All continuous predictors are mean-centered and scaled by 1 standard deviation. *** p < 0.001; ** p < 0.01; * p < 0.05.

```
##################################################
# (Step 12)  Extra Analyses: ESS Round 9 Data
##################################################

# We replicated our hypothesis testing in Round 9
# We sought to examine whether controlling for strata and cluster altered results
# Round 9 data included 24 countries

# (12.1 Regressions using weighted data)
E9 <- E %>% filter(essround==9)

# defining the design for weights
ESS9design <- svydesign(~1, weights = ~fweight, data = E9)
# defining the design for complex data analysis
ESS9complex <- svydesign(ids = ~psu, strata = ~stratum, weights = ~anweight,
                         data = E9, nest=T)

options(survey.lonely.psu="remove")

# weighted analysis
h1w <- svyglm(healthR ~ gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9design)
h2w <- svyglm(healthR ~ res  + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9design)
h3w <- svyglm(healthR ~ DBS9 + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9design)
h4w <- svyglm(healthR ~ SDSo + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9design)

summ(h1w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	healthR
Type	Survey-weighted linear regression

R^2	0.141
Adj. R^2	0.141

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.359	4.258	4.461	83.988	0.000
gndr	-0.009	-0.040	0.021	-0.593	0.553
agea	-0.014	-0.014	-0.013	-29.869	0.000
eduyrs	0.031	0.027	0.035	15.261	0.000
rlgdgr	-0.005	-0.010	0.001	-1.667	0.095
factor(cntry)BE	-0.177	-0.236	-0.117	-5.826	0.000
factor(cntry)BG	-0.307	-0.370	-0.245	-9.685	0.000
factor(cntry)CH	0.183	0.121	0.246	5.746	0.000
factor(cntry)CY	0.120	0.043	0.196	3.054	0.002
factor(cntry)CZ	-0.269	-0.328	-0.210	-8.956	0.000
factor(cntry)DE	-0.430	-0.490	-0.369	-13.968	0.000
factor(cntry)DK	-0.068	-0.143	0.007	-1.784	0.074
factor(cntry)EE	-0.529	-0.587	-0.470	-17.709	0.000
factor(cntry)ES	-0.350	-0.414	-0.287	-10.819	0.000
factor(cntry)FI	-0.226	-0.285	-0.168	-7.592	0.000
factor(cntry)FR	-0.379	-0.441	-0.316	-11.816	0.000
factor(cntry)GB	-0.192	-0.256	-0.128	-5.887	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)HU	-0.349	-0.411	-0.287	-11.014	0.000
factor(cntry)IE	0.053	-0.010	0.117	1.648	0.099
factor(cntry)LT	-0.445	-0.507	-0.383	-14.039	0.000
factor(cntry)NL	-0.256	-0.315	-0.196	-8.455	0.000
factor(cntry)NO	-0.121	-0.192	-0.049	-3.309	0.001
factor(cntry)PL	-0.247	-0.311	-0.183	-7.569	0.000
factor(cntry)PT	-0.373	-0.447	-0.300	-9.928	0.000
factor(cntry)SE	-0.024	-0.091	0.043	-0.703	0.482
factor(cntry)SI	-0.279	-0.344	-0.214	-8.466	0.000
factor(cntry)SK	-0.236	-0.312	-0.160	-6.072	0.000

Standard errors: Robust

```
summ(h2w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	healthR
Type	Survey-weighted linear regression

R^2	0.142
Adj. R^2	0.142

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.353	4.251	4.455	83.594	0.000
res	0.369	0.152	0.586	3.338	0.001
gndr	-0.007	-0.037	0.024	-0.421	0.674
agea	-0.014	-0.014	-0.013	-29.654	0.000
eduyrs	0.031	0.027	0.035	15.169	0.000
rlgdgr	-0.005	-0.010	0.001	-1.718	0.086
factor(cntry)BE	-0.181	-0.241	-0.121	-5.947	0.000
factor(cntry)BG	-0.304	-0.366	-0.241	-9.501	0.000
factor(cntry)CH	0.182	0.119	0.244	5.684	0.000
factor(cntry)CY	0.120	0.044	0.197	3.073	0.002
factor(cntry)CZ	-0.263	-0.322	-0.204	-8.707	0.000
factor(cntry)DE	-0.426	-0.486	-0.366	-13.856	0.000
factor(cntry)DK	-0.068	-0.143	0.007	-1.771	0.077
factor(cntry)EE	-0.529	-0.587	-0.470	-17.660	0.000
factor(cntry)ES	-0.342	-0.405	-0.278	-10.556	0.000
factor(cntry)FI	-0.218	-0.277	-0.159	-7.271	0.000
factor(cntry)FR	-0.365	-0.428	-0.301	-11.267	0.000
factor(cntry)GB	-0.187	-0.251	-0.123	-5.723	0.000
factor(cntry)HU	-0.340	-0.403	-0.278	-10.662	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)IE	0.058	-0.005	0.122	1.800	0.072
factor(cntry)LT	-0.433	-0.496	-0.370	-13.470	0.000
factor(cntry)NL	-0.258	-0.317	-0.199	-8.514	0.000
factor(cntry)NO	-0.120	-0.192	-0.048	-3.287	0.001
factor(cntry)PL	-0.245	-0.309	-0.181	-7.489	0.000
factor(cntry)PT	-0.372	-0.446	-0.298	-9.853	0.000
factor(cntry)SE	-0.021	-0.088	0.046	-0.604	0.546
factor(cntry)SI	-0.280	-0.344	-0.215	-8.464	0.000
factor(cntry)SK	-0.230	-0.307	-0.154	-5.893	0.000

Standard errors: Robust

```
summ(h3w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	healthR
Type	Survey-weighted linear regression

R^2	0.142
Adj. R^2	0.141

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.226	4.090	4.362	60.882	0.000
DBS9	0.145	0.047	0.243	2.895	0.004
gndr	-0.001	-0.033	0.030	-0.087	0.931
agea	-0.013	-0.014	-0.012	-29.081	0.000
eduyrs	0.031	0.027	0.035	15.303	0.000
rlgdgr	-0.005	-0.010	0.001	-1.678	0.093
factor(cntry)BE	-0.174	-0.234	-0.115	-5.732	0.000
factor(cntry)BG	-0.316	-0.379	-0.254	-9.912	0.000
factor(cntry)CH	0.190	0.127	0.253	5.937	0.000
factor(cntry)CY	0.128	0.051	0.205	3.261	0.001
factor(cntry)CZ	-0.275	-0.334	-0.216	-9.149	0.000
factor(cntry)DE	-0.416	-0.477	-0.356	-13.415	0.000
factor(cntry)DK	-0.058	-0.134	0.017	-1.527	0.127
factor(cntry)EE	-0.523	-0.582	-0.464	-17.468	0.000
factor(cntry)ES	-0.331	-0.396	-0.267	-10.081	0.000
factor(cntry)FI	-0.204	-0.265	-0.144	-6.629	0.000
factor(cntry)FR	-0.357	-0.422	-0.292	-10.797	0.000
factor(cntry)GB	-0.181	-0.246	-0.117	-5.533	0.000
factor(cntry)HU	-0.355	-0.418	-0.293	-11.181	0.000
factor(cntry)IE	0.063	-0.001	0.126	1.930	0.054

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)LT	-0.453	-0.516	-0.391	-14.229	0.000
factor(cntry)NL	-0.251	-0.310	-0.191	-8.279	0.000
factor(cntry)NO	-0.112	-0.184	-0.040	-3.048	0.002
factor(cntry)PL	-0.250	-0.314	-0.186	-7.672	0.000
factor(cntry)PT	-0.367	-0.441	-0.293	-9.752	0.000
factor(cntry)SE	-0.009	-0.077	0.058	-0.270	0.787
factor(cntry)SI	-0.280	-0.345	-0.216	-8.506	0.000
factor(cntry)SK	-0.243	-0.319	-0.167	-6.253	0.000

Standard errors: Robust

```
summ(h4w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	healthR
Type	Survey-weighted linear regression

R^2	0.142
Adj. R^2	0.141

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.360	4.259	4.462	83.977	0.000
SDSo	-0.013	-0.029	0.002	-1.653	0.098
gndr	-0.004	-0.035	0.027	-0.277	0.782
agea	-0.013	-0.014	-0.013	-29.234	0.000
eduyrs	0.031	0.027	0.035	15.347	0.000
rlgdgr	-0.005	-0.010	0.001	-1.660	0.097
factor(cntry)BE	-0.174	-0.233	-0.114	-5.712	0.000
factor(cntry)BG	-0.315	-0.378	-0.252	-9.838	0.000
factor(cntry)CH	0.189	0.126	0.252	5.882	0.000
factor(cntry)CY	0.125	0.048	0.203	3.191	0.001
factor(cntry)CZ	-0.275	-0.334	-0.216	-9.111	0.000
factor(cntry)DE	-0.421	-0.483	-0.360	-13.442	0.000
factor(cntry)DK	-0.061	-0.137	0.014	-1.599	0.110
factor(cntry)EE	-0.525	-0.583	-0.466	-17.502	0.000
factor(cntry)ES	-0.339	-0.404	-0.274	-10.271	0.000
factor(cntry)FI	-0.213	-0.274	-0.152	-6.882	0.000
factor(cntry)FR	-0.367	-0.432	-0.303	-11.138	0.000
factor(cntry)GB	-0.186	-0.250	-0.122	-5.664	0.000
factor(cntry)HU	-0.356	-0.419	-0.293	-11.142	0.000
factor(cntry)IE	0.059	-0.005	0.122	1.802	0.071
factor(cntry)LT	-0.454	-0.517	-0.391	-14.138	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)NL	-0.252	-0.311	-0.192	-8.286	0.000
factor(cntry)NO	-0.115	-0.187	-0.043	-3.118	0.002
factor(cntry)PL	-0.250	-0.314	-0.186	-7.653	0.000
factor(cntry)PT	-0.369	-0.443	-0.296	-9.821	0.000
factor(cntry)SE	-0.014	-0.082	0.053	-0.418	0.676
factor(cntry)SI	-0.280	-0.344	-0.215	-8.494	0.000
factor(cntry)SK	-0.243	-0.319	-0.166	-6.225	0.000

Standard errors: Robust

```
w1w <- svyglm(swb ~ gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9design)
w2w <- svyglm(swb ~ res + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9design)
w3w <- svyglm(swb ~ DBS9 + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9design)
w4w <- svyglm(swb ~ SDSo + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9design)

summ(w1w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	swb
Type	Survey-weighted linear regression

R^2	0.086
Adj. R^2	0.085

	Est.	2.5%	97.5%	t val.	p
(Intercept)	7.099	6.884	7.314	64.654	0.000
gndr	0.006	-0.057	0.069	0.195	0.846
agea	-0.001	-0.003	0.001	-1.177	0.239
eduyrs	0.055	0.046	0.065	11.708	0.000
rlgdgr	0.032	0.020	0.043	5.318	0.000
factor(cntry)BE	-0.321	-0.437	-0.204	-5.407	0.000
factor(cntry)BG	-2.303	-2.455	-2.152	-29.794	0.000
factor(cntry)CH	0.409	0.285	0.534	6.442	0.000
factor(cntry)CY	-0.752	-0.947	-0.556	-7.544	0.000
factor(cntry)CZ	-0.826	-0.946	-0.705	-13.412	0.000
factor(cntry)DE	-0.216	-0.339	-0.093	-3.444	0.001
factor(cntry)DK	0.483	0.353	0.612	7.315	0.000
factor(cntry)EE	-0.713	-0.836	-0.591	-11.402	0.000
factor(cntry)ES	-0.363	-0.489	-0.237	-5.636	0.000
factor(cntry)FI	0.119	0.005	0.233	2.053	0.040
factor(cntry)FR	-1.038	-1.170	-0.906	-15.395	0.000
factor(cntry)GB	-0.522	-0.653	-0.390	-7.789	0.000
factor(cntry)HU	-1.410	-1.549	-1.270	-19.833	0.000
factor(cntry)IE	-0.548	-0.675	-0.421	-8.469	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)LT	-1.159	-1.313	-1.006	-14.813	0.000
factor(cntry)NL	0.008	-0.101	0.117	0.144	0.886
factor(cntry)NO	-0.010	-0.150	0.130	-0.143	0.886
factor(cntry)PL	-0.761	-0.899	-0.623	-10.821	0.000
factor(cntry)PT	-0.588	-0.754	-0.422	-6.959	0.000
factor(cntry)SE	-0.034	-0.162	0.095	-0.511	0.609
factor(cntry)SI	-0.470	-0.605	-0.336	-6.852	0.000
factor(cntry)SK	-1.422	-1.586	-1.258	-16.984	0.000

Standard errors: Robust

```
summ(w2w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	swb
Type	Survey-weighted linear regression

R^2	0.087
Adj. R^2	0.086

	Est.	2.5%	97.5%	t val.	p
(Intercept)	7.091	6.876	7.307	64.416	0.000
res	0.462	0.002	0.922	1.971	0.049
gndr	0.010	-0.054	0.073	0.296	0.767
agea	-0.001	-0.003	0.001	-1.096	0.273
eduyrs	0.055	0.046	0.064	11.638	0.000
rlgdgr	0.031	0.020	0.043	5.278	0.000
factor(cntry)BE	-0.326	-0.443	-0.210	-5.486	0.000
factor(cntry)BG	-2.299	-2.451	-2.147	-29.651	0.000
factor(cntry)CH	0.407	0.283	0.532	6.402	0.000
factor(cntry)CY	-0.751	-0.946	-0.555	-7.524	0.000
factor(cntry)CZ	-0.818	-0.939	-0.697	-13.272	0.000
factor(cntry)DE	-0.212	-0.335	-0.089	-3.372	0.001
factor(cntry)DK	0.483	0.354	0.613	7.315	0.000
factor(cntry)EE	-0.713	-0.836	-0.591	-11.387	0.000
factor(cntry)ES	-0.352	-0.478	-0.226	-5.466	0.000
factor(cntry)FI	0.129	0.015	0.243	2.220	0.026
factor(cntry)FR	-1.020	-1.152	-0.889	-15.196	0.000
factor(cntry)GB	-0.515	-0.646	-0.384	-7.700	0.000
factor(cntry)HU	-1.399	-1.538	-1.259	-19.632	0.000
factor(cntry)IE	-0.542	-0.669	-0.415	-8.355	0.000
factor(cntry)LT	-1.144	-1.299	-0.989	-14.489	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)NL	0.005	-0.104	0.114	0.092	0.927
factor(cntry)NO	-0.009	-0.150	0.131	-0.129	0.897
factor(cntry)PL	-0.759	-0.897	-0.621	-10.779	0.000
factor(cntry)PT	-0.586	-0.752	-0.420	-6.932	0.000
factor(cntry)SE	-0.029	-0.158	0.099	-0.447	0.655
factor(cntry)SI	-0.471	-0.606	-0.336	-6.854	0.000
factor(cntry)SK	-1.415	-1.579	-1.250	-16.854	0.000

Standard errors: Robust

```
summ(w3w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	swb
Type	Survey-weighted linear regression

R^2	0.087
Adj. R^2	0.086

	Est.	2.5%	97.5%	t val.	p
(Intercept)	7.317	7.016	7.618	47.713	0.000
DBS9	-0.238	-0.453	-0.022	-2.157	0.031
gndr	-0.007	-0.071	0.058	-0.199	0.842
agea	-0.001	-0.003	0.000	-1.481	0.139
eduyrs	0.055	0.046	0.064	11.674	0.000
rlgdgr	0.032	0.020	0.043	5.325	0.000
factor(cntry)BE	-0.325	-0.441	-0.209	-5.486	0.000
factor(cntry)BG	-2.288	-2.440	-2.136	-29.519	0.000
factor(cntry)CH	0.398	0.274	0.523	6.262	0.000
factor(cntry)CY	-0.766	-0.961	-0.570	-7.678	0.000
factor(cntry)CZ	-0.815	-0.936	-0.694	-13.210	0.000
factor(cntry)DE	-0.238	-0.361	-0.115	-3.785	0.000
factor(cntry)DK	0.467	0.337	0.597	7.051	0.000
factor(cntry)EE	-0.723	-0.845	-0.600	-11.560	0.000
factor(cntry)ES	-0.394	-0.522	-0.266	-6.034	0.000
factor(cntry)FI	0.083	-0.035	0.201	1.381	0.167
factor(cntry)FR	-1.073	-1.207	-0.939	-15.714	0.000
factor(cntry)GB	-0.540	-0.671	-0.408	-8.059	0.000
factor(cntry)HU	-1.399	-1.539	-1.260	-19.646	0.000
factor(cntry)IE	-0.564	-0.691	-0.436	-8.677	0.000
factor(cntry)LT	-1.146	-1.300	-0.993	-14.653	0.000
factor(cntry)NL	0.000	-0.108	0.109	0.002	0.999

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)NO	-0.025	-0.166	0.115	-0.351	0.726
factor(cntry)PL	-0.756	-0.894	-0.618	-10.753	0.000
factor(cntry)PT	-0.598	-0.764	-0.432	-7.069	0.000
factor(cntry)SE	-0.058	-0.188	0.072	-0.869	0.385
factor(cntry)SI	-0.468	-0.602	-0.334	-6.828	0.000
factor(cntry)SK	-1.410	-1.574	-1.246	-16.844	0.000

Standard errors: Robust

```
summ(w4w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	swb
Type	Survey-weighted linear regression

R^2	0.088
Adj. R^2	0.087

	Est.	2.5%	97.5%	t val.	p
(Intercept)	7.094	6.879	7.309	64.645	0.000
SDSo	0.070	0.035	0.105	3.921	0.000
gndr	-0.019	-0.083	0.046	-0.573	0.567
agea	-0.002	-0.004	0.000	-1.797	0.072
eduyrs	0.055	0.045	0.064	11.542	0.000
rlgdgr	0.032	0.020	0.043	5.302	0.000
factor(cntry)BE	-0.336	-0.452	-0.220	-5.680	0.000
factor(cntry)BG	-2.265	-2.417	-2.112	-29.077	0.000
factor(cntry)CH	0.382	0.257	0.507	5.996	0.000
factor(cntry)CY	-0.782	-0.977	-0.587	-7.844	0.000
factor(cntry)CZ	-0.793	-0.914	-0.672	-12.809	0.000
factor(cntry)DE	-0.260	-0.384	-0.136	-4.115	0.000
factor(cntry)DK	0.448	0.318	0.578	6.748	0.000
factor(cntry)EE	-0.734	-0.857	-0.612	-11.739	0.000
factor(cntry)ES	-0.421	-0.550	-0.293	-6.433	0.000
factor(cntry)FI	0.050	-0.068	0.168	0.826	0.409
factor(cntry)FR	-1.097	-1.231	-0.962	-16.023	0.000
factor(cntry)GB	-0.555	-0.686	-0.423	-8.266	0.000
factor(cntry)HU	-1.374	-1.514	-1.234	-19.184	0.000
factor(cntry)IE	-0.576	-0.703	-0.449	-8.879	0.000
factor(cntry)LT	-1.113	-1.267	-0.958	-14.096	0.000
factor(cntry)NL	-0.013	-0.122	0.095	-0.236	0.813
factor(cntry)NO	-0.043	-0.184	0.098	-0.595	0.552

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)PL	-0.746	-0.884	-0.608	-10.623	0.000
factor(cntry)PT	-0.609	-0.774	-0.443	-7.191	0.000
factor(cntry)SE	-0.083	-0.214	0.048	-1.245	0.213
factor(cntry)SI	-0.466	-0.600	-0.331	-6.802	0.000
factor(cntry)SK	-1.387	-1.552	-1.223	-16.523	0.000

Standard errors: Robust

```
s1w <- svyglm(soctrst ~ gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9design)
s2w <- svyglm(soctrst ~  res + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9design)
s3w <- svyglm(soctrst ~ DBS9 + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9design)
s4w <- svyglm(soctrst ~ SDSo + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9design)

summ(s1w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	soctrst
Type	Survey-weighted linear regression

R^2	0.140
Adj. R^2	0.139

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.382	4.183	4.581	43.081	0.000
gndr	0.033	-0.027	0.092	1.076	0.282
agea	0.008	0.006	0.009	8.560	0.000
eduyrs	0.079	0.071	0.086	19.976	0.000
rlgdgr	0.014	0.003	0.024	2.522	0.012
factor(cntry)BE	-0.641	-0.767	-0.515	-9.979	0.000
factor(cntry)BG	-1.854	-2.003	-1.705	-24.403	0.000
factor(cntry)CH	0.487	0.357	0.617	7.346	0.000
factor(cntry)CY	-1.984	-2.173	-1.795	-20.584	0.000
factor(cntry)CZ	-0.830	-0.965	-0.694	-12.022	0.000
factor(cntry)DE	-0.347	-0.472	-0.222	-5.426	0.000
factor(cntry)DK	0.900	0.762	1.039	12.779	0.000
factor(cntry)EE	-0.349	-0.475	-0.222	-5.413	0.000
factor(cntry)ES	-0.862	-0.993	-0.731	-12.915	0.000
factor(cntry)FI	0.719	0.600	0.839	11.799	0.000
factor(cntry)FR	-0.747	-0.874	-0.619	-11.470	0.000
factor(cntry)GB	-0.430	-0.559	-0.302	-6.572	0.000
factor(cntry)HU	-1.010	-1.156	-0.863	-13.542	0.000
factor(cntry)IE	-0.138	-0.272	-0.004	-2.017	0.044
factor(cntry)LT	-1.127	-1.294	-0.961	-13.274	0.000
factor(cntry)NL	0.226	0.109	0.343	3.795	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)NO	0.690	0.556	0.824	10.095	0.000
factor(cntry)PL	-1.546	-1.696	-1.397	-20.307	0.000
factor(cntry)PT	-1.185	-1.352	-1.018	-13.919	0.000
factor(cntry)SE	0.470	0.340	0.601	7.044	0.000
factor(cntry)SI	-0.996	-1.143	-0.848	-13.239	0.000
factor(cntry)SK	-1.828	-2.017	-1.639	-18.970	0.000

Standard errors: Robust

```
summ(s2w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	soctrst
Type	Survey-weighted linear regression

R^2	0.141
Adj. R^2	0.141

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.368	4.168	4.567	42.911	0.000
res	0.861	0.430	1.292	3.914	0.000
gndr	0.039	-0.021	0.098	1.279	0.201
agea	0.008	0.006	0.010	8.731	0.000
eduyrs	0.078	0.070	0.086	19.802	0.000
rlgdgr	0.013	0.003	0.024	2.455	0.014
factor(cntry)BE	-0.651	-0.777	-0.525	-10.145	0.000
factor(cntry)BG	-1.846	-1.995	-1.697	-24.247	0.000
factor(cntry)CH	0.483	0.353	0.613	7.294	0.000
factor(cntry)CY	-1.982	-2.171	-1.793	-20.510	0.000
factor(cntry)CZ	-0.815	-0.950	-0.680	-11.817	0.000
factor(cntry)DE	-0.338	-0.463	-0.213	-5.297	0.000
factor(cntry)DK	0.901	0.763	1.040	12.776	0.000
factor(cntry)EE	-0.349	-0.475	-0.223	-5.422	0.000
factor(cntry)ES	-0.842	-0.974	-0.711	-12.574	0.000
factor(cntry)FI	0.739	0.619	0.859	12.058	0.000
factor(cntry)FR	-0.714	-0.843	-0.586	-10.894	0.000
factor(cntry)GB	-0.418	-0.547	-0.290	-6.388	0.000
factor(cntry)HU	-0.989	-1.135	-0.843	-13.248	0.000
factor(cntry)IE	-0.126	-0.261	0.008	-1.840	0.066
factor(cntry)LT	-1.099	-1.266	-0.932	-12.902	0.000
factor(cntry)NL	0.221	0.104	0.337	3.705	0.000
factor(cntry)NO	0.692	0.558	0.825	10.135	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)PL	-1.542	-1.691	-1.392	-20.235	0.000
factor(cntry)PT	-1.181	-1.348	-1.015	-13.886	0.000
factor(cntry)SE	0.478	0.347	0.609	7.161	0.000
factor(cntry)SI	-0.997	-1.144	-0.850	-13.273	0.000
factor(cntry)SK	-1.814	-2.004	-1.625	-18.797	0.000

Standard errors: Robust

```
summ(s3w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	soctrst
Type	Survey-weighted linear regression

R^2	0.140
Adj. R^2	0.140

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.562	4.306	4.817	34.976	0.000
DBS9	-0.196	-0.390	-0.002	-1.975	0.048
gndr	0.022	-0.038	0.082	0.724	0.469
agea	0.007	0.006	0.009	8.258	0.000
eduyrs	0.079	0.071	0.086	19.972	0.000
rlgdgr	0.014	0.003	0.024	2.531	0.011
factor(cntry)BE	-0.644	-0.770	-0.518	-10.034	0.000
factor(cntry)BG	-1.842	-1.991	-1.693	-24.186	0.000
factor(cntry)CH	0.478	0.348	0.608	7.200	0.000
factor(cntry)CY	-1.995	-2.184	-1.806	-20.700	0.000
factor(cntry)CZ	-0.821	-0.956	-0.685	-11.878	0.000
factor(cntry)DE	-0.365	-0.491	-0.239	-5.679	0.000
factor(cntry)DK	0.887	0.749	1.026	12.547	0.000
factor(cntry)EE	-0.356	-0.483	-0.230	-5.524	0.000
factor(cntry)ES	-0.888	-1.022	-0.755	-13.027	0.000
factor(cntry)FI	0.690	0.566	0.813	10.965	0.000
factor(cntry)FR	-0.776	-0.907	-0.644	-11.537	0.000
factor(cntry)GB	-0.445	-0.574	-0.316	-6.766	0.000
factor(cntry)HU	-1.001	-1.148	-0.855	-13.384	0.000
factor(cntry)IE	-0.151	-0.285	-0.016	-2.194	0.028
factor(cntry)LT	-1.116	-1.283	-0.950	-13.133	0.000
factor(cntry)NL	0.219	0.103	0.336	3.683	0.000
factor(cntry)NO	0.677	0.543	0.812	9.878	0.000
factor(cntry)PL	-1.542	-1.691	-1.393	-20.250	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)PT	-1.193	-1.360	-1.026	-14.016	0.000
factor(cntry)SE	0.451	0.318	0.583	6.672	0.000
factor(cntry)SI	-0.994	-1.141	-0.847	-13.224	0.000
factor(cntry)SK	-1.818	-2.007	-1.629	-18.863	0.000

Standard errors: Robust

```
summ(s4w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	soctrst
Type	Survey-weighted linear regression

R^2	0.142
Adj. R^2	0.141

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.376	4.177	4.575	43.081	0.000
SDSo	0.079	0.047	0.111	4.769	0.000
gndr	0.004	-0.055	0.064	0.138	0.890
agea	0.007	0.005	0.009	7.677	0.000
eduyrs	0.078	0.070	0.086	19.846	0.000
rlgdgr	0.013	0.003	0.024	2.504	0.012
factor(cntry)BE	-0.658	-0.784	-0.533	-10.267	0.000
factor(cntry)BG	-1.811	-1.960	-1.661	-23.710	0.000
factor(cntry)CH	0.456	0.326	0.586	6.878	0.000
factor(cntry)CY	-2.018	-2.207	-1.829	-20.953	0.000
factor(cntry)CZ	-0.792	-0.928	-0.657	-11.447	0.000
factor(cntry)DE	-0.397	-0.524	-0.270	-6.133	0.000
factor(cntry)DK	0.861	0.722	0.999	12.180	0.000
factor(cntry)EE	-0.373	-0.499	-0.246	-5.788	0.000
factor(cntry)ES	-0.929	-1.062	-0.795	-13.622	0.000
factor(cntry)FI	0.641	0.517	0.765	10.168	0.000
factor(cntry)FR	-0.813	-0.945	-0.682	-12.153	0.000
factor(cntry)GB	-0.468	-0.597	-0.339	-7.111	0.000
factor(cntry)HU	-0.969	-1.117	-0.822	-12.861	0.000
factor(cntry)IE	-0.169	-0.304	-0.035	-2.468	0.014
factor(cntry)LT	-1.074	-1.242	-0.907	-12.586	0.000
factor(cntry)NL	0.202	0.085	0.319	3.393	0.001
factor(cntry)NO	0.653	0.519	0.787	9.529	0.000
factor(cntry)PL	-1.529	-1.679	-1.380	-20.096	0.000
factor(cntry)PT	-1.208	-1.375	-1.042	-14.225	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)SE	0.415	0.282	0.547	6.127	0.000
factor(cntry)SI	-0.991	-1.138	-0.844	-13.220	0.000
factor(cntry)SK	-1.788	-1.978	-1.599	-18.535	0.000

Standard errors: Robust

```
p1w <- svyglm(trstprl ~ gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9design)
p2w <- svyglm(trstprl ~ res + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9design)
p3w <- svyglm(trstprl ~ DBS9 + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9design)
p4w <- svyglm(trstprl ~ SDSo + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9design)

summ(p1w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	trstprl
Type	Survey-weighted linear regression

R^2	0.120
Adj. R^2	0.119

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.057	3.765	4.349	27.211	0.000
gndr	-0.213	-0.301	-0.125	-4.758	0.000
agea	-0.002	-0.005	0.000	-1.641	0.101
eduyrs	0.096	0.084	0.107	15.916	0.000
rlgdgr	0.109	0.093	0.124	13.367	0.000
factor(cntry)BE	-0.734	-0.904	-0.564	-8.452	0.000
factor(cntry)BG	-2.688	-2.874	-2.501	-28.265	0.000
factor(cntry)CH	1.098	0.926	1.270	12.483	0.000
factor(cntry)CY	-2.131	-2.375	-1.887	-17.115	0.000
factor(cntry)CZ	-0.920	-1.096	-0.744	-10.257	0.000
factor(cntry)DE	-0.514	-0.689	-0.339	-5.771	0.000
factor(cntry)DK	0.629	0.423	0.835	5.985	0.000
factor(cntry)EE	-0.523	-0.699	-0.347	-5.820	0.000
factor(cntry)ES	-1.343	-1.532	-1.153	-13.912	0.000
factor(cntry)FI	0.245	0.076	0.415	2.832	0.005
factor(cntry)FR	-1.313	-1.497	-1.130	-14.039	0.000
factor(cntry)GB	-1.156	-1.333	-0.978	-12.748	0.000
factor(cntry)HU	-0.626	-0.821	-0.430	-6.275	0.000
factor(cntry)IE	-0.975	-1.156	-0.793	-10.519	0.000
factor(cntry)LT	-2.177	-2.392	-1.962	-19.827	0.000
factor(cntry)NL	0.390	0.229	0.552	4.749	0.000
factor(cntry)NO	1.282	1.092	1.471	13.272	0.000
factor(cntry)PL	-1.698	-1.895	-1.502	-16.930	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)PT	-1.097	-1.331	-0.863	-9.206	0.000
factor(cntry)SE	0.851	0.661	1.040	8.790	0.000
factor(cntry)SI	-1.851	-2.038	-1.663	-19.362	0.000
factor(cntry)SK	-1.969	-2.221	-1.717	-15.303	0.000

Standard errors: Robust

```
summ(p2w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	trstprl
Type	Survey-weighted linear regression

R^2	0.122
Adj. R^2	0.121

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.032	3.738	4.325	26.907	0.000
res	1.529	0.874	2.184	4.574	0.000
gndr	-0.202	-0.290	-0.114	-4.492	0.000
agea	-0.002	-0.005	0.001	-1.456	0.146
eduyrs	0.095	0.083	0.106	15.732	0.000
rlgdgr	0.108	0.092	0.124	13.267	0.000
factor(cntry)BE	-0.752	-0.922	-0.582	-8.676	0.000
factor(cntry)BG	-2.673	-2.860	-2.486	-28.034	0.000
factor(cntry)CH	1.091	0.919	1.263	12.436	0.000
factor(cntry)CY	-2.127	-2.371	-1.883	-17.095	0.000
factor(cntry)CZ	-0.895	-1.071	-0.719	-9.972	0.000
factor(cntry)DE	-0.499	-0.673	-0.325	-5.615	0.000
factor(cntry)DK	0.631	0.425	0.837	6.007	0.000
factor(cntry)EE	-0.524	-0.700	-0.348	-5.837	0.000
factor(cntry)ES	-1.307	-1.497	-1.118	-13.534	0.000
factor(cntry)FI	0.280	0.110	0.450	3.229	0.001
factor(cntry)FR	-1.256	-1.440	-1.071	-13.332	0.000
factor(cntry)GB	-1.134	-1.311	-0.957	-12.559	0.000
factor(cntry)HU	-0.589	-0.785	-0.393	-5.884	0.000
factor(cntry)IE	-0.954	-1.135	-0.772	-10.304	0.000
factor(cntry)LT	-2.127	-2.343	-1.910	-19.262	0.000
factor(cntry)NL	0.381	0.220	0.542	4.647	0.000
factor(cntry)NO	1.285	1.096	1.474	13.316	0.000
factor(cntry)PL	-1.690	-1.886	-1.494	-16.890	0.000
factor(cntry)PT	-1.091	-1.324	-0.857	-9.157	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)SE	0.865	0.675	1.054	8.958	0.000
factor(cntry)SI	-1.853	-2.040	-1.666	-19.433	0.000
factor(cntry)SK	-1.945	-2.197	-1.693	-15.117	0.000

Standard errors: Robust

```
summ(p3w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	trstprl
Type	Survey-weighted linear regression

R^2	0.122
Adj. R^2	0.121

	Est.	2.5%	97.5%	t val.	p
(Intercept)	3.390	3.006	3.775	17.279	0.000
DBS9	0.727	0.453	1.000	5.206	0.000
gndr	-0.174	-0.263	-0.084	-3.807	0.000
agea	-0.001	-0.004	0.001	-0.900	0.368
eduyrs	0.096	0.084	0.108	16.010	0.000
rlgdgr	0.108	0.092	0.124	13.365	0.000
factor(cntry)BE	-0.721	-0.891	-0.551	-8.312	0.000
factor(cntry)BG	-2.733	-2.920	-2.546	-28.637	0.000
factor(cntry)CH	1.132	0.959	1.305	12.831	0.000
factor(cntry)CY	-2.088	-2.333	-1.843	-16.722	0.000
factor(cntry)CZ	-0.953	-1.128	-0.777	-10.622	0.000
factor(cntry)DE	-0.447	-0.623	-0.271	-4.983	0.000
factor(cntry)DK	0.678	0.471	0.884	6.425	0.000
factor(cntry)EE	-0.495	-0.671	-0.318	-5.494	0.000
factor(cntry)ES	-1.246	-1.438	-1.054	-12.695	0.000
factor(cntry)FI	0.356	0.181	0.530	3.996	0.000
factor(cntry)FR	-1.206	-1.394	-1.018	-12.579	0.000
factor(cntry)GB	-1.100	-1.278	-0.923	-12.121	0.000
factor(cntry)HU	-0.657	-0.852	-0.461	-6.584	0.000
factor(cntry)IE	-0.927	-1.109	-0.745	-9.975	0.000
factor(cntry)LT	-2.217	-2.432	-2.001	-20.151	0.000
factor(cntry)NL	0.415	0.253	0.576	5.041	0.000
factor(cntry)NO	1.327	1.138	1.517	13.709	0.000
factor(cntry)PL	-1.715	-1.912	-1.519	-17.114	0.000
factor(cntry)PT	-1.066	-1.300	-0.832	-8.918	0.000
factor(cntry)SE	0.924	0.733	1.116	9.465	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)SI	-1.858	-2.045	-1.671	-19.448	0.000
factor(cntry)SK	-2.005	-2.257	-1.753	-15.603	0.000

Standard errors: Robust

```
summ(p4w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	trstprl
Type	Survey-weighted linear regression

R^2	0.121
Adj. R^2	0.120

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.063	3.772	4.355	27.293	0.000
SDSo	-0.082	-0.127	-0.037	-3.550	0.000
gndr	-0.183	-0.273	-0.094	-4.024	0.000
agea	-0.001	-0.004	0.001	-1.071	0.284
eduyrs	0.097	0.085	0.108	16.096	0.000
rlgdgr	0.109	0.093	0.125	13.402	0.000
factor(cntry)BE	-0.716	-0.886	-0.545	-8.220	0.000
factor(cntry)BG	-2.733	-2.921	-2.545	-28.504	0.000
factor(cntry)CH	1.130	0.957	1.303	12.769	0.000
factor(cntry)CY	-2.095	-2.340	-1.850	-16.768	0.000
factor(cntry)CZ	-0.959	-1.136	-0.782	-10.624	0.000
factor(cntry)DE	-0.462	-0.640	-0.285	-5.103	0.000
factor(cntry)DK	0.670	0.463	0.877	6.340	0.000
factor(cntry)EE	-0.498	-0.675	-0.321	-5.521	0.000
factor(cntry)ES	-1.274	-1.466	-1.081	-12.940	0.000
factor(cntry)FI	0.327	0.151	0.502	3.646	0.000
factor(cntry)FR	-1.244	-1.432	-1.057	-12.998	0.000
factor(cntry)GB	-1.117	-1.295	-0.938	-12.252	0.000
factor(cntry)HU	-0.668	-0.864	-0.471	-6.655	0.000
factor(cntry)IE	-0.942	-1.124	-0.760	-10.122	0.000
factor(cntry)LT	-2.232	-2.449	-2.015	-20.119	0.000
factor(cntry)NL	0.415	0.253	0.577	5.029	0.000
factor(cntry)NO	1.320	1.130	1.510	13.588	0.000
factor(cntry)PL	-1.716	-1.913	-1.519	-17.079	0.000
factor(cntry)PT	-1.073	-1.307	-0.838	-8.972	0.000
factor(cntry)SE	0.909	0.716	1.101	9.256	0.000
factor(cntry)SI	-1.856	-2.044	-1.669	-19.400	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)SK	-2.010	-2.263	-1.757	-15.577	0.000

Standard errors: Robust

```
v1w <- svyglm(vote1 ~ gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), family=quasibinomial,  design
=ESS9design, maxit=100)
v2w <- svyglm(vote1 ~ res + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), family=quasibinomial,
design=ESS9design, maxit=100)
v3w <- svyglm(vote1 ~ DBS9 + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), family=quasibinomial,
design=ESS9design, maxit=100)
v4w <- svyglm(vote1 ~ SDSo + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), family=quasibinomial,
design=ESS9design, maxit=100)

summ(v1w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	vote1
Type	Survey-weighted generalized linear model
Family	quasibinomial
Link	logit

Pseudo-R^2 (Cragg-Uhler)	0.035
Pseudo-R^2 (McFadden)	0.107
AIC	NA

	Est.	2.5%	97.5%	t val.	p
(Intercept)	-1.524	-1.863	-1.185	-8.821	0.000
gndr	-0.066	-0.163	0.030	-1.344	0.179
agea	0.038	0.035	0.041	24.366	0.000
eduyrs	0.129	0.115	0.144	17.310	0.000
rlgdgr	0.003	-0.014	0.020	0.323	0.747
factor(cntry)BE	0.072	-0.163	0.307	0.601	0.548
factor(cntry)BG	-0.452	-0.681	-0.223	-3.874	0.000
factor(cntry)CH	-0.938	-1.155	-0.720	-8.457	0.000
factor(cntry)CY	-0.866	-1.145	-0.588	-6.098	0.000
factor(cntry)CZ	-1.344	-1.547	-1.141	-12.984	0.000
factor(cntry)DE	-0.175	-0.403	0.053	-1.504	0.133
factor(cntry)DK	0.750	0.420	1.079	4.460	0.000
factor(cntry)EE	-1.055	-1.258	-0.851	-10.165	0.000
factor(cntry)ES	-0.422	-0.646	-0.198	-3.693	0.000
factor(cntry)FI	-0.173	-0.402	0.057	-1.474	0.141
factor(cntry)FR	-1.339	-1.548	-1.130	-12.542	0.000
factor(cntry)GB	-0.695	-0.908	-0.482	-6.398	0.000
factor(cntry)HU	-0.768	-0.984	-0.552	-6.963	0.000
factor(cntry)IE	-0.725	-0.948	-0.502	-6.375	0.000
factor(cntry)LT	-1.280	-1.510	-1.049	-10.884	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)NL	-0.279	-0.505	-0.053	-2.420	0.016
factor(cntry)NO	0.355	0.080	0.631	2.533	0.011
factor(cntry)PL	-0.919	-1.137	-0.701	-8.266	0.000
factor(cntry)PT	-0.380	-0.633	-0.127	-2.948	0.003
factor(cntry)SE	1.112	0.778	1.446	6.526	0.000
factor(cntry)SI	-1.181	-1.394	-0.967	-10.837	0.000
factor(cntry)SK	-1.011	-1.264	-0.757	-7.824	0.000

Standard errors: Robust

```
summ(v2w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	vote1
Type	Survey-weighted generalized linear model
Family	quasibinomial
Link	logit

Pseudo-R^2 (Cragg-Uhler)	0.035
Pseudo-R^2 (McFadden)	0.108
AIC	NA

	Est.	2.5%	97.5%	t val.	p
(Intercept)	-1.532	-1.871	-1.193	-8.856	0.000
res	0.967	0.364	1.570	3.142	0.002
gndr	-0.062	-0.158	0.035	-1.248	0.212
agea	0.038	0.035	0.041	24.487	0.000
eduyrs	0.129	0.114	0.143	17.205	0.000
rlgdgr	0.003	-0.014	0.019	0.300	0.764
factor(cntry)BE	0.060	-0.176	0.295	0.498	0.619
factor(cntry)BG	-0.440	-0.670	-0.210	-3.753	0.000
factor(cntry)CH	-0.947	-1.164	-0.729	-8.526	0.000
factor(cntry)CY	-0.869	-1.148	-0.590	-6.103	0.000
factor(cntry)CZ	-1.329	-1.533	-1.126	-12.793	0.000
factor(cntry)DE	-0.168	-0.397	0.060	-1.444	0.149
factor(cntry)DK	0.748	0.418	1.079	4.442	0.000
factor(cntry)EE	-1.058	-1.262	-0.855	-10.174	0.000
factor(cntry)ES	-0.405	-0.629	-0.180	-3.529	0.000
factor(cntry)FI	-0.155	-0.385	0.075	-1.324	0.186
factor(cntry)FR	-1.306	-1.517	-1.095	-12.147	0.000
factor(cntry)GB	-0.684	-0.897	-0.471	-6.292	0.000
factor(cntry)HU	-0.745	-0.963	-0.528	-6.712	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)IE	-0.715	-0.938	-0.491	-6.269	0.000
factor(cntry)LT	-1.249	-1.482	-1.017	-10.514	0.000
factor(cntry)NL	-0.287	-0.514	-0.061	-2.486	0.013
factor(cntry)NO	0.358	0.082	0.634	2.545	0.011
factor(cntry)PL	-0.917	-1.135	-0.698	-8.229	0.000
factor(cntry)PT	-0.380	-0.633	-0.126	-2.937	0.003
factor(cntry)SE	1.120	0.785	1.454	6.559	0.000
factor(cntry)SI	-1.185	-1.399	-0.971	-10.854	0.000
factor(cntry)SK	-0.995	-1.250	-0.741	-7.667	0.000

Standard errors: Robust

```
summ(v3w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	vote1
Type	Survey-weighted generalized linear model
Family	quasibinomial
Link	logit

Pseudo-R^2 (Cragg-Uhler)	0.035
Pseudo-R^2 (McFadden)	0.107
AIC	NA

	Est.	2.5%	97.5%	t val.	p
(Intercept)	-1.484	-1.930	-1.039	-6.530	0.000
DBS9	-0.043	-0.358	0.271	-0.270	0.787
gndr	-0.068	-0.166	0.030	-1.367	0.172
agea	0.038	0.035	0.041	24.093	0.000
eduyrs	0.129	0.115	0.144	17.303	0.000
rlgdgr	0.003	-0.014	0.020	0.323	0.746
factor(cntry)BE	0.071	-0.164	0.306	0.595	0.552
factor(cntry)BG	-0.449	-0.679	-0.220	-3.838	0.000
factor(cntry)CH	-0.940	-1.157	-0.722	-8.455	0.000
factor(cntry)CY	-0.869	-1.148	-0.590	-6.104	0.000
factor(cntry)CZ	-1.342	-1.545	-1.138	-12.927	0.000
factor(cntry)DE	-0.179	-0.408	0.050	-1.531	0.126
factor(cntry)DK	0.747	0.417	1.077	4.432	0.000
factor(cntry)EE	-1.056	-1.260	-0.853	-10.163	0.000
factor(cntry)ES	-0.427	-0.655	-0.200	-3.681	0.000
factor(cntry)FI	-0.179	-0.413	0.055	-1.497	0.134
factor(cntry)FR	-1.345	-1.560	-1.130	-12.268	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)GB	-0.698	-0.912	-0.484	-6.402	0.000
factor(cntry)HU	-0.766	-0.982	-0.549	-6.935	0.000
factor(cntry)IE	-0.728	-0.952	-0.504	-6.373	0.000
factor(cntry)LT	-1.277	-1.508	-1.046	-10.834	0.000
factor(cntry)NL	-0.280	-0.507	-0.054	-2.428	0.015
factor(cntry)NO	0.353	0.077	0.629	2.508	0.012
factor(cntry)PL	-0.918	-1.136	-0.700	-8.249	0.000
factor(cntry)PT	-0.382	-0.635	-0.129	-2.957	0.003
factor(cntry)SE	1.108	0.772	1.443	6.471	0.000
factor(cntry)SI	-1.180	-1.394	-0.966	-10.830	0.000
factor(cntry)SK	-1.008	-1.262	-0.754	-7.789	0.000

Standard errors: Robust

```
summ(v4w, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	vote1
Type	Survey-weighted generalized linear model
Family	quasibinomial
Link	logit

Pseudo-R^2 (Cragg-Uhler)	0.035
Pseudo-R^2 (McFadden)	0.107
AIC	NA

	Est.	2.5%	97.5%	t val.	p
(Intercept)	-1.527	-1.865	-1.188	-8.833	0.000
SDSo	0.055	0.004	0.106	2.110	0.035
gndr	-0.085	-0.183	0.013	-1.703	0.089
agea	0.037	0.034	0.040	23.649	0.000
eduyrs	0.129	0.114	0.143	17.208	0.000
rlgdgr	0.003	-0.014	0.020	0.315	0.753
factor(cntry)BE	0.061	-0.175	0.296	0.505	0.614
factor(cntry)BG	-0.420	-0.651	-0.190	-3.573	0.000
factor(cntry)CH	-0.959	-1.178	-0.741	-8.612	0.000
factor(cntry)CY	-0.890	-1.168	-0.611	-6.257	0.000
factor(cntry)CZ	-1.316	-1.520	-1.111	-12.617	0.000
factor(cntry)DE	-0.208	-0.438	0.022	-1.771	0.077
factor(cntry)DK	0.722	0.391	1.052	4.277	0.000
factor(cntry)EE	-1.070	-1.274	-0.866	-10.271	0.000
factor(cntry)ES	-0.466	-0.694	-0.237	-4.001	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)FI	-0.226	-0.461	0.009	-1.883	0.060
factor(cntry)FR	-1.384	-1.599	-1.170	-12.669	0.000
factor(cntry)GB	-0.720	-0.934	-0.506	-6.590	0.000
factor(cntry)HU	-0.739	-0.957	-0.521	-6.652	0.000
factor(cntry)IE	-0.745	-0.968	-0.521	-6.520	0.000
factor(cntry)LT	-1.242	-1.475	-1.008	-10.437	0.000
factor(cntry)NL	-0.293	-0.520	-0.067	-2.536	0.011
factor(cntry)NO	0.333	0.056	0.609	2.360	0.018
factor(cntry)PL	-0.905	-1.123	-0.686	-8.121	0.000
factor(cntry)PT	-0.396	-0.649	-0.142	-3.058	0.002
factor(cntry)SE	1.074	0.738	1.410	6.264	0.000
factor(cntry)SI	-1.176	-1.390	-0.963	-10.792	0.000
factor(cntry)SK	-0.980	-1.235	-0.725	-7.542	0.000

Standard errors: Robust

```
# (12.2 Regressions using complex design analysis)
h1c <- svyglm(healthR ~ gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9complex)
h2c <- svyglm(healthR ~ res  + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9complex)
h3c <- svyglm(healthR ~ DBS9 + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9complex)
h4c <- svyglm(healthR ~ SDSo + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9complex)

summ(h1c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	healthR
Type	Survey-weighted linear regression

R^2	0.141
Adj. R^2	-0.669

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.359	4.260	4.458	86.452	0.000
gndr	-0.009	-0.039	0.020	-0.613	0.540
agea	-0.014	-0.014	-0.013	-31.599	0.000
eduyrs	0.031	0.027	0.035	15.399	0.000
rlgdgr	-0.005	-0.010	0.001	-1.587	0.113
factor(cntry)BE	-0.177	-0.237	-0.116	-5.714	0.000
factor(cntry)BG	-0.307	-0.376	-0.239	-8.766	0.000
factor(cntry)CH	0.183	0.120	0.247	5.675	0.000
factor(cntry)CY	0.120	0.042	0.197	3.026	0.002
factor(cntry)CZ	-0.269	-0.331	-0.207	-8.460	0.000
factor(cntry)DE	-0.430	-0.493	-0.366	-13.218	0.000
factor(cntry)DK	-0.068	-0.144	0.007	-1.767	0.077
factor(cntry)EE	-0.529	-0.588	-0.469	-17.453	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)ES	-0.350	-0.414	-0.287	-10.832	0.000
factor(cntry)FI	-0.226	-0.284	-0.169	-7.745	0.000
factor(cntry)FR	-0.379	-0.443	-0.314	-11.518	0.000
factor(cntry)GB	-0.192	-0.258	-0.127	-5.758	0.000
factor(cntry)HU	-0.349	-0.410	-0.288	-11.238	0.000
factor(cntry)IE	0.053	-0.013	0.119	1.580	0.114
factor(cntry)LT	-0.445	-0.510	-0.381	-13.572	0.000
factor(cntry)NL	-0.256	-0.316	-0.196	-8.357	0.000
factor(cntry)NO	-0.121	-0.193	-0.048	-3.274	0.001
factor(cntry)PL	-0.247	-0.316	-0.179	-7.082	0.000
factor(cntry)PT	-0.373	-0.447	-0.300	-9.932	0.000
factor(cntry)SE	-0.024	-0.092	0.044	-0.694	0.487
factor(cntry)SI	-0.279	-0.344	-0.214	-8.392	0.000
factor(cntry)SK	-0.236	-0.332	-0.140	-4.828	0.000

Standard errors: Robust

```
summ(h2c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	healthR
Type	Survey-weighted linear regression

R^2	0.142
Adj. R^2	-0.667

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.353	4.255	4.452	86.542	0.000
res	0.369	0.161	0.577	3.479	0.001
gndr	-0.007	-0.036	0.023	-0.438	0.661
agea	-0.014	-0.014	-0.013	-31.467	0.000
eduyrs	0.031	0.027	0.035	15.245	0.000
rlgdgr	-0.005	-0.010	0.001	-1.633	0.102
factor(cntry)BE	-0.181	-0.242	-0.120	-5.809	0.000
factor(cntry)BG	-0.304	-0.373	-0.234	-8.581	0.000
factor(cntry)CH	0.182	0.118	0.245	5.599	0.000
factor(cntry)CY	0.120	0.043	0.198	3.039	0.002
factor(cntry)CZ	-0.263	-0.326	-0.200	-8.191	0.000
factor(cntry)DE	-0.426	-0.490	-0.362	-13.043	0.000
factor(cntry)DK	-0.068	-0.144	0.008	-1.751	0.080
factor(cntry)EE	-0.529	-0.588	-0.469	-17.360	0.000
factor(cntry)ES	-0.342	-0.406	-0.278	-10.539	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)FI	-0.218	-0.276	-0.160	-7.396	0.000
factor(cntry)FR	-0.365	-0.430	-0.299	-10.908	0.000
factor(cntry)GB	-0.187	-0.253	-0.121	-5.586	0.000
factor(cntry)HU	-0.340	-0.402	-0.279	-10.859	0.000
factor(cntry)IE	0.058	-0.008	0.125	1.723	0.085
factor(cntry)LT	-0.433	-0.498	-0.368	-13.006	0.000
factor(cntry)NL	-0.258	-0.318	-0.198	-8.397	0.000
factor(cntry)NO	-0.120	-0.193	-0.048	-3.246	0.001
factor(cntry)PL	-0.245	-0.314	-0.176	-6.989	0.000
factor(cntry)PT	-0.372	-0.446	-0.298	-9.830	0.000
factor(cntry)SE	-0.021	-0.089	0.047	-0.595	0.552
factor(cntry)SI	-0.280	-0.345	-0.214	-8.379	0.000
factor(cntry)SK	-0.230	-0.327	-0.133	-4.665	0.000

Standard errors: Robust

```
summ(h3c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	healthR
Type	Survey-weighted linear regression

R^2	0.142
Adj. R^2	-0.668

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.226	4.097	4.356	63.794	0.000
DBS9	0.145	0.042	0.248	2.755	0.006
gndr	-0.001	-0.031	0.029	-0.090	0.928
agea	-0.013	-0.014	-0.013	-30.669	0.000
eduyrs	0.031	0.027	0.035	15.445	0.000
rlgdgr	-0.005	-0.010	0.001	-1.596	0.110
factor(cntry)BE	-0.174	-0.235	-0.113	-5.601	0.000
factor(cntry)BG	-0.316	-0.386	-0.247	-8.940	0.000
factor(cntry)CH	0.190	0.127	0.254	5.859	0.000
factor(cntry)CY	0.128	0.050	0.206	3.222	0.001
factor(cntry)CZ	-0.275	-0.338	-0.213	-8.609	0.000
factor(cntry)DE	-0.416	-0.482	-0.351	-12.395	0.000
factor(cntry)DK	-0.058	-0.134	0.017	-1.510	0.131
factor(cntry)EE	-0.523	-0.583	-0.463	-17.190	0.000
factor(cntry)ES	-0.331	-0.396	-0.267	-10.058	0.000
factor(cntry)FI	-0.204	-0.264	-0.145	-6.722	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)FR	-0.357	-0.424	-0.290	-10.407	0.000
factor(cntry)GB	-0.181	-0.247	-0.116	-5.409	0.000
factor(cntry)HU	-0.355	-0.417	-0.294	-11.370	0.000
factor(cntry)IE	0.063	-0.004	0.129	1.847	0.065
factor(cntry)LT	-0.453	-0.518	-0.388	-13.731	0.000
factor(cntry)NL	-0.251	-0.311	-0.191	-8.167	0.000
factor(cntry)NO	-0.112	-0.184	-0.039	-3.014	0.003
factor(cntry)PL	-0.250	-0.319	-0.182	-7.164	0.000
factor(cntry)PT	-0.367	-0.441	-0.293	-9.727	0.000
factor(cntry)SE	-0.009	-0.078	0.059	-0.266	0.790
factor(cntry)SI	-0.280	-0.346	-0.215	-8.423	0.000
factor(cntry)SK	-0.243	-0.339	-0.147	-4.957	0.000

Standard errors: Robust

```
summ(h4c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	healthR
Type	Survey-weighted linear regression

R^2	0.142
Adj. R^2	-0.669

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.360	4.261	4.459	86.233	0.000
SDSo	-0.013	-0.029	0.003	-1.650	0.099
gndr	-0.004	-0.034	0.025	-0.288	0.773
agea	-0.013	-0.014	-0.013	-30.617	0.000
eduyrs	0.031	0.027	0.035	15.485	0.000
rlgdgr	-0.005	-0.010	0.001	-1.581	0.114
factor(cntry)BE	-0.174	-0.234	-0.113	-5.595	0.000
factor(cntry)BG	-0.315	-0.384	-0.245	-8.896	0.000
factor(cntry)CH	0.189	0.125	0.252	5.813	0.000
factor(cntry)CY	0.125	0.048	0.203	3.157	0.002
factor(cntry)CZ	-0.275	-0.338	-0.212	-8.586	0.000
factor(cntry)DE	-0.421	-0.487	-0.355	-12.522	0.000
factor(cntry)DK	-0.061	-0.137	0.015	-1.585	0.113
factor(cntry)EE	-0.525	-0.584	-0.465	-17.262	0.000
factor(cntry)ES	-0.339	-0.404	-0.275	-10.300	0.000
factor(cntry)FI	-0.213	-0.272	-0.153	-7.017	0.000
factor(cntry)FR	-0.367	-0.434	-0.301	-10.810	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)GB	-0.186	-0.252	-0.120	-5.553	0.000
factor(cntry)HU	-0.356	-0.418	-0.294	-11.333	0.000
factor(cntry)IE	0.059	-0.008	0.125	1.728	0.084
factor(cntry)LT	-0.454	-0.519	-0.389	-13.670	0.000
factor(cntry)NL	-0.252	-0.312	-0.191	-8.192	0.000
factor(cntry)NO	-0.115	-0.187	-0.042	-3.089	0.002
factor(cntry)PL	-0.250	-0.319	-0.182	-7.159	0.000
factor(cntry)PT	-0.369	-0.443	-0.296	-9.808	0.000
factor(cntry)SE	-0.014	-0.083	0.054	-0.413	0.679
factor(cntry)SI	-0.280	-0.345	-0.215	-8.416	0.000
factor(cntry)SK	-0.243	-0.339	-0.147	-4.962	0.000

Standard errors: Robust

```
w1c <- svyglm(swb ~ gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9complex)
w2c <- svyglm(swb ~ res + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9complex)
w3c <- svyglm(swb ~ DBS9 + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9complex)
w4c <- svyglm(swb ~ SDSo + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9complex)

summ(w1c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	swb
Type	Survey-weighted linear regression

R^2	0.086
Adj. R^2	-0.777

	Est.	2.5%	97.5%	t val.	p
(Intercept)	7.099	6.878	7.321	62.826	0.000
gndr	0.006	-0.057	0.070	0.193	0.847
agea	-0.001	-0.003	0.001	-1.204	0.228
eduyrs	0.055	0.046	0.065	11.217	0.000
rlgdgr	0.032	0.020	0.044	5.169	0.000
factor(cntry)BE	-0.321	-0.450	-0.191	-4.864	0.000
factor(cntry)BG	-2.303	-2.480	-2.127	-25.592	0.000
factor(cntry)CH	0.409	0.282	0.537	6.285	0.000
factor(cntry)CY	-0.752	-0.948	-0.556	-7.522	0.000
factor(cntry)CZ	-0.826	-0.959	-0.693	-12.164	0.000
factor(cntry)DE	-0.216	-0.349	-0.083	-3.188	0.001
factor(cntry)DK	0.483	0.350	0.616	7.126	0.000
factor(cntry)EE	-0.713	-0.839	-0.588	-11.121	0.000
factor(cntry)ES	-0.363	-0.493	-0.233	-5.476	0.000
factor(cntry)FI	0.119	0.004	0.234	2.031	0.042

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)FR	-1.038	-1.179	-0.897	-14.411	0.000
factor(cntry)GB	-0.522	-0.662	-0.382	-7.301	0.000
factor(cntry)HU	-1.410	-1.547	-1.273	-20.177	0.000
factor(cntry)IE	-0.548	-0.682	-0.414	-8.027	0.000
factor(cntry)LT	-1.159	-1.320	-0.999	-14.184	0.000
factor(cntry)NL	0.008	-0.104	0.120	0.139	0.890
factor(cntry)NO	-0.010	-0.153	0.133	-0.140	0.888
factor(cntry)PL	-0.761	-0.909	-0.613	-10.098	0.000
factor(cntry)PT	-0.588	-0.755	-0.421	-6.890	0.000
factor(cntry)SE	-0.034	-0.166	0.099	-0.497	0.619
factor(cntry)SI	-0.470	-0.608	-0.332	-6.667	0.000
factor(cntry)SK	-1.422	-1.652	-1.192	-12.113	0.000

Standard errors: Robust

```
summ(w2c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	swb
Type	Survey-weighted linear regression

R^2	0.087
Adj. R^2	-0.776

	Est.	2.5%	97.5%	t val.	p
(Intercept)	7.091	6.870	7.313	62.652	0.000
res	0.462	-0.001	0.925	1.956	0.050
gndr	0.010	-0.054	0.073	0.294	0.769
agea	-0.001	-0.003	0.001	-1.126	0.260
eduyrs	0.055	0.045	0.065	11.117	0.000
rlgdgr	0.031	0.019	0.044	5.121	0.000
factor(cntry)BE	-0.326	-0.455	-0.197	-4.945	0.000
factor(cntry)BG	-2.299	-2.476	-2.122	-25.474	0.000
factor(cntry)CH	0.407	0.279	0.535	6.249	0.000
factor(cntry)CY	-0.751	-0.947	-0.555	-7.503	0.000
factor(cntry)CZ	-0.818	-0.951	-0.685	-12.043	0.000
factor(cntry)DE	-0.212	-0.345	-0.078	-3.115	0.002
factor(cntry)DK	0.483	0.350	0.616	7.131	0.000
factor(cntry)EE	-0.713	-0.839	-0.588	-11.114	0.000
factor(cntry)ES	-0.352	-0.482	-0.222	-5.312	0.000
factor(cntry)FI	0.129	0.014	0.245	2.198	0.028
factor(cntry)FR	-1.020	-1.161	-0.879	-14.197	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)GB	-0.515	-0.655	-0.376	-7.232	0.000
factor(cntry)HU	-1.399	-1.536	-1.261	-19.983	0.000
factor(cntry)IE	-0.542	-0.676	-0.408	-7.919	0.000
factor(cntry)LT	-1.144	-1.305	-0.983	-13.894	0.000
factor(cntry)NL	0.005	-0.107	0.118	0.089	0.929
factor(cntry)NO	-0.009	-0.152	0.134	-0.127	0.899
factor(cntry)PL	-0.759	-0.906	-0.611	-10.079	0.000
factor(cntry)PT	-0.586	-0.753	-0.419	-6.866	0.000
factor(cntry)SE	-0.029	-0.162	0.103	-0.435	0.663
factor(cntry)SI	-0.471	-0.609	-0.333	-6.673	0.000
factor(cntry)SK	-1.415	-1.645	-1.185	-12.047	0.000

Standard errors: Robust

```
summ(w3c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	swb
Type	Survey-weighted linear regression

R^2	0.087
Adj. R^2	-0.776

	Est.	2.5%	97.5%	t val.	p
(Intercept)	7.317	7.022	7.612	48.631	0.000
DBS9	-0.238	-0.453	-0.022	-2.163	0.031
gndr	-0.007	-0.072	0.059	-0.198	0.843
agea	-0.001	-0.003	0.000	-1.525	0.127
eduyrs	0.055	0.045	0.065	11.204	0.000
rlgdgr	0.032	0.020	0.044	5.177	0.000
factor(cntry)BE	-0.325	-0.454	-0.196	-4.929	0.000
factor(cntry)BG	-2.288	-2.465	-2.112	-25.390	0.000
factor(cntry)CH	0.398	0.271	0.526	6.114	0.000
factor(cntry)CY	-0.766	-0.962	-0.570	-7.651	0.000
factor(cntry)CZ	-0.815	-0.948	-0.682	-11.989	0.000
factor(cntry)DE	-0.238	-0.374	-0.103	-3.448	0.001
factor(cntry)DK	0.467	0.334	0.600	6.871	0.000
factor(cntry)EE	-0.723	-0.848	-0.597	-11.276	0.000
factor(cntry)ES	-0.394	-0.526	-0.263	-5.865	0.000
factor(cntry)FI	0.083	-0.036	0.202	1.363	0.173
factor(cntry)FR	-1.073	-1.216	-0.929	-14.655	0.000
factor(cntry)GB	-0.540	-0.681	-0.399	-7.513	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)HU	-1.399	-1.537	-1.262	-19.980	0.000
factor(cntry)IE	-0.564	-0.698	-0.429	-8.226	0.000
factor(cntry)LT	-1.146	-1.307	-0.986	-14.037	0.000
factor(cntry)NL	0.000	-0.112	0.112	0.002	0.999
factor(cntry)NO	-0.025	-0.168	0.118	-0.345	0.730
factor(cntry)PL	-0.756	-0.903	-0.608	-10.042	0.000
factor(cntry)PT	-0.598	-0.766	-0.431	-7.001	0.000
factor(cntry)SE	-0.058	-0.191	0.076	-0.846	0.398
factor(cntry)SI	-0.468	-0.606	-0.330	-6.645	0.000
factor(cntry)SK	-1.410	-1.640	-1.181	-12.060	0.000

Standard errors: Robust

```
summ(w4c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	swb
Type	Survey-weighted linear regression

R^2	0.088
Adj. R^2	-0.774

	Est.	2.5%	97.5%	t val.	p
(Intercept)	7.094	6.872	7.315	62.727	0.000
SDSo	0.070	0.035	0.105	3.881	0.000
gndr	-0.019	-0.084	0.046	-0.569	0.570
agea	-0.002	-0.004	0.000	-1.847	0.065
eduyrs	0.055	0.045	0.064	11.085	0.000
rlgdgr	0.032	0.020	0.044	5.151	0.000
factor(cntry)BE	-0.336	-0.465	-0.207	-5.106	0.000
factor(cntry)BG	-2.265	-2.442	-2.087	-25.053	0.000
factor(cntry)CH	0.382	0.254	0.510	5.860	0.000
factor(cntry)CY	-0.782	-0.978	-0.586	-7.814	0.000
factor(cntry)CZ	-0.793	-0.926	-0.659	-11.640	0.000
factor(cntry)DE	-0.260	-0.396	-0.124	-3.747	0.000
factor(cntry)DK	0.448	0.314	0.581	6.579	0.000
factor(cntry)EE	-0.734	-0.860	-0.609	-11.459	0.000
factor(cntry)ES	-0.421	-0.554	-0.289	-6.254	0.000
factor(cntry)FI	0.050	-0.070	0.169	0.816	0.415
factor(cntry)FR	-1.097	-1.240	-0.953	-14.959	0.000
factor(cntry)GB	-0.555	-0.696	-0.414	-7.709	0.000
factor(cntry)HU	-1.374	-1.512	-1.236	-19.510	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)IE	-0.576	-0.710	-0.442	-8.423	0.000
factor(cntry)LT	-1.113	-1.274	-0.951	-13.531	0.000
factor(cntry)NL	-0.013	-0.125	0.099	-0.228	0.819
factor(cntry)NO	-0.043	-0.186	0.101	-0.585	0.559
factor(cntry)PL	-0.746	-0.893	-0.599	-9.952	0.000
factor(cntry)PT	-0.609	-0.776	-0.441	-7.127	0.000
factor(cntry)SE	-0.083	-0.217	0.051	-1.213	0.225
factor(cntry)SI	-0.466	-0.603	-0.328	-6.628	0.000
factor(cntry)SK	-1.387	-1.615	-1.159	-11.915	0.000

Standard errors: Robust

```
s1c <- svyglm(soctrst ~ gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9complex)
s2c <- svyglm(soctrst ~  res + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9complex)
s3c <- svyglm(soctrst ~ DBS9 + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9complex)
s4c <- svyglm(soctrst ~ SDSo + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9complex)

summ(s1c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	soctrst
Type	Survey-weighted linear regression

R^2	0.140
Adj. R^2	-0.672

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.382	4.178	4.586	42.149	0.000
gndr	0.033	-0.029	0.094	1.038	0.299
agea	0.008	0.006	0.009	8.658	0.000
eduyrs	0.079	0.071	0.087	19.732	0.000
rlgdgr	0.014	0.003	0.024	2.449	0.014
factor(cntry)BE	-0.641	-0.792	-0.489	-8.292	0.000
factor(cntry)BG	-1.854	-2.035	-1.673	-20.102	0.000
factor(cntry)CH	0.487	0.354	0.620	7.162	0.000
factor(cntry)CY	-1.984	-2.176	-1.792	-20.233	0.000
factor(cntry)CZ	-0.830	-0.983	-0.677	-10.626	0.000
factor(cntry)DE	-0.347	-0.480	-0.213	-5.094	0.000
factor(cntry)DK	0.900	0.758	1.043	12.383	0.000
factor(cntry)EE	-0.349	-0.480	-0.218	-5.219	0.000
factor(cntry)ES	-0.862	-1.003	-0.722	-12.034	0.000
factor(cntry)FI	0.719	0.597	0.842	11.520	0.000
factor(cntry)FR	-0.747	-0.880	-0.614	-11.005	0.000
factor(cntry)GB	-0.430	-0.569	-0.292	-6.103	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)HU	-1.010	-1.150	-0.869	-14.066	0.000
factor(cntry)IE	-0.138	-0.279	0.003	-1.914	0.056
factor(cntry)LT	-1.127	-1.301	-0.953	-12.710	0.000
factor(cntry)NL	0.226	0.104	0.348	3.637	0.000
factor(cntry)NO	0.690	0.552	0.827	9.828	0.000
factor(cntry)PL	-1.546	-1.705	-1.388	-19.091	0.000
factor(cntry)PT	-1.185	-1.361	-1.009	-13.215	0.000
factor(cntry)SE	0.470	0.335	0.606	6.798	0.000
factor(cntry)SI	-0.996	-1.151	-0.841	-12.600	0.000
factor(cntry)SK	-1.828	-2.062	-1.594	-15.313	0.000

Standard errors: Robust

```
summ(s2c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	soctrst
Type	Survey-weighted linear regression

R^2	0.141
Adj. R^2	-0.670

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.368	4.164	4.572	42.004	0.000
res	0.861	0.461	1.260	4.225	0.000
gndr	0.039	-0.023	0.101	1.231	0.218
agea	0.008	0.006	0.010	8.854	0.000
eduyrs	0.078	0.070	0.086	19.621	0.000
rlgdgr	0.013	0.002	0.024	2.376	0.017
factor(cntry)BE	-0.651	-0.803	-0.498	-8.362	0.000
factor(cntry)BG	-1.846	-2.027	-1.664	-19.918	0.000
factor(cntry)CH	0.483	0.349	0.617	7.082	0.000
factor(cntry)CY	-1.982	-2.175	-1.789	-20.125	0.000
factor(cntry)CZ	-0.815	-0.969	-0.662	-10.404	0.000
factor(cntry)DE	-0.338	-0.473	-0.204	-4.933	0.000
factor(cntry)DK	0.901	0.758	1.045	12.339	0.000
factor(cntry)EE	-0.349	-0.480	-0.218	-5.206	0.000
factor(cntry)ES	-0.842	-0.984	-0.701	-11.644	0.000
factor(cntry)FI	0.739	0.615	0.862	11.733	0.000
factor(cntry)FR	-0.714	-0.848	-0.580	-10.450	0.000
factor(cntry)GB	-0.418	-0.557	-0.279	-5.902	0.000
factor(cntry)HU	-0.989	-1.130	-0.848	-13.711	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)IE	-0.126	-0.268	0.016	-1.742	0.082
factor(cntry)LT	-1.099	-1.273	-0.924	-12.335	0.000
factor(cntry)NL	0.221	0.098	0.343	3.534	0.000
factor(cntry)NO	0.692	0.554	0.830	9.826	0.000
factor(cntry)PL	-1.542	-1.701	-1.383	-18.999	0.000
factor(cntry)PT	-1.181	-1.357	-1.006	-13.173	0.000
factor(cntry)SE	0.478	0.342	0.614	6.883	0.000
factor(cntry)SI	-0.997	-1.153	-0.842	-12.581	0.000
factor(cntry)SK	-1.814	-2.048	-1.581	-15.244	0.000

Standard errors: Robust

```
summ(s3c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	soctrst
Type	Survey-weighted linear regression

R^2	0.140
Adj. R^2	-0.672

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.562	4.311	4.813	35.612	0.000
DBS9	-0.196	-0.389	-0.003	-1.986	0.047
gndr	0.022	-0.039	0.083	0.704	0.481
agea	0.007	0.006	0.009	8.448	0.000
eduyrs	0.079	0.071	0.086	19.728	0.000
rlgdgr	0.014	0.003	0.024	2.462	0.014
factor(cntry)BE	-0.644	-0.795	-0.493	-8.368	0.000
factor(cntry)BG	-1.842	-2.023	-1.661	-19.962	0.000
factor(cntry)CH	0.478	0.345	0.611	7.031	0.000
factor(cntry)CY	-1.995	-2.187	-1.803	-20.372	0.000
factor(cntry)CZ	-0.821	-0.974	-0.668	-10.510	0.000
factor(cntry)DE	-0.365	-0.500	-0.230	-5.305	0.000
factor(cntry)DK	0.887	0.745	1.030	12.172	0.000
factor(cntry)EE	-0.356	-0.487	-0.225	-5.332	0.000
factor(cntry)ES	-0.888	-1.031	-0.745	-12.173	0.000
factor(cntry)FI	0.690	0.564	0.816	10.736	0.000
factor(cntry)FR	-0.776	-0.911	-0.640	-11.222	0.000
factor(cntry)GB	-0.445	-0.584	-0.306	-6.277	0.000
factor(cntry)HU	-1.001	-1.142	-0.860	-13.939	0.000
factor(cntry)IE	-0.151	-0.292	-0.009	-2.085	0.037

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)LT	-1.116	-1.290	-0.943	-12.587	0.000
factor(cntry)NL	0.219	0.098	0.341	3.534	0.000
factor(cntry)NO	0.677	0.540	0.815	9.626	0.000
factor(cntry)PL	-1.542	-1.701	-1.383	-19.051	0.000
factor(cntry)PT	-1.193	-1.369	-1.018	-13.312	0.000
factor(cntry)SE	0.451	0.314	0.588	6.448	0.000
factor(cntry)SI	-0.994	-1.149	-0.839	-12.602	0.000
factor(cntry)SK	-1.818	-2.053	-1.584	-15.207	0.000

Standard errors: Robust

```
summ(s4c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	soctrst
Type	Survey-weighted linear regression

R^2	0.142
Adj. R^2	-0.668

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.376	4.173	4.579	42.276	0.000
SDSo	0.079	0.047	0.111	4.788	0.000
gndr	0.004	-0.057	0.066	0.135	0.893
agea	0.007	0.005	0.009	7.853	0.000
eduyrs	0.078	0.070	0.086	19.657	0.000
rlgdgr	0.013	0.003	0.024	2.433	0.015
factor(cntry)BE	-0.658	-0.809	-0.508	-8.580	0.000
factor(cntry)BG	-1.811	-1.992	-1.629	-19.591	0.000
factor(cntry)CH	0.456	0.323	0.589	6.717	0.000
factor(cntry)CY	-2.018	-2.210	-1.826	-20.623	0.000
factor(cntry)CZ	-0.792	-0.946	-0.639	-10.114	0.000
factor(cntry)DE	-0.397	-0.533	-0.260	-5.701	0.000
factor(cntry)DK	0.861	0.718	1.004	11.815	0.000
factor(cntry)EE	-0.373	-0.503	-0.242	-5.585	0.000
factor(cntry)ES	-0.929	-1.072	-0.786	-12.740	0.000
factor(cntry)FI	0.641	0.515	0.767	9.948	0.000
factor(cntry)FR	-0.813	-0.948	-0.678	-11.804	0.000
factor(cntry)GB	-0.468	-0.607	-0.329	-6.603	0.000
factor(cntry)HU	-0.969	-1.111	-0.828	-13.427	0.000
factor(cntry)IE	-0.169	-0.311	-0.027	-2.340	0.019
factor(cntry)LT	-1.074	-1.249	-0.900	-12.072	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)NL	0.202	0.080	0.324	3.256	0.001
factor(cntry)NO	0.653	0.515	0.791	9.283	0.000
factor(cntry)PL	-1.529	-1.688	-1.371	-18.915	0.000
factor(cntry)PT	-1.208	-1.384	-1.033	-13.497	0.000
factor(cntry)SE	0.415	0.277	0.552	5.923	0.000
factor(cntry)SI	-0.991	-1.145	-0.837	-12.596	0.000
factor(cntry)SK	-1.788	-2.023	-1.554	-14.950	0.000

Standard errors: Robust

```
p1c <- svyglm(trstprl ~ gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9complex)
p2c <- svyglm(trstprl ~ res + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9complex)
p3c <- svyglm(trstprl ~ DBS9 + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9complex)
p4c <- svyglm(trstprl ~ SDSo + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), ESS9complex)

summ(p1c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	trstprl
Type	Survey-weighted linear regression

R^2	0.120
Adj. R^2	-0.712

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.057	3.757	4.356	26.549	0.000
gndr	-0.213	-0.299	-0.126	-4.823	0.000
agea	-0.002	-0.005	0.000	-1.671	0.095
eduyrs	0.096	0.083	0.108	14.932	0.000
rlgdgr	0.109	0.093	0.124	13.545	0.000
factor(cntry)BE	-0.734	-0.914	-0.554	-7.998	0.000
factor(cntry)BG	-2.688	-2.908	-2.468	-23.923	0.000
factor(cntry)CH	1.098	0.925	1.271	12.436	0.000
factor(cntry)CY	-2.131	-2.375	-1.886	-17.072	0.000
factor(cntry)CZ	-0.920	-1.118	-0.723	-9.134	0.000
factor(cntry)DE	-0.514	-0.713	-0.315	-5.071	0.000
factor(cntry)DK	0.629	0.422	0.836	5.967	0.000
factor(cntry)EE	-0.523	-0.700	-0.347	-5.809	0.000
factor(cntry)ES	-1.343	-1.538	-1.147	-13.480	0.000
factor(cntry)FI	0.245	0.078	0.413	2.867	0.004
factor(cntry)FR	-1.313	-1.502	-1.125	-13.654	0.000
factor(cntry)GB	-1.156	-1.337	-0.974	-12.476	0.000
factor(cntry)HU	-0.626	-0.811	-0.440	-6.610	0.000
factor(cntry)IE	-0.975	-1.165	-0.784	-10.034	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)LT	-2.177	-2.398	-1.957	-19.362	0.000
factor(cntry)NL	0.390	0.229	0.552	4.738	0.000
factor(cntry)NO	1.282	1.092	1.471	13.256	0.000
factor(cntry)PL	-1.698	-1.906	-1.491	-16.013	0.000
factor(cntry)PT	-1.097	-1.332	-0.863	-9.170	0.000
factor(cntry)SE	0.851	0.660	1.041	8.757	0.000
factor(cntry)SI	-1.851	-2.042	-1.659	-18.935	0.000
factor(cntry)SK	-1.969	-2.295	-1.644	-11.862	0.000

Standard errors: Robust

```
summ(p2c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	trstprl
Type	Survey-weighted linear regression

R^2	0.122
Adj. R^2	-0.707

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.032	3.730	4.333	26.243	0.000
res	1.529	0.836	2.222	4.323	0.000
gndr	-0.202	-0.289	-0.115	-4.561	0.000
agea	-0.002	-0.005	0.001	-1.484	0.138
eduyrs	0.095	0.082	0.107	14.733	0.000
rlgdgr	0.108	0.092	0.124	13.461	0.000
factor(cntry)BE	-0.752	-0.932	-0.572	-8.175	0.000
factor(cntry)BG	-2.673	-2.893	-2.452	-23.749	0.000
factor(cntry)CH	1.091	0.919	1.263	12.422	0.000
factor(cntry)CY	-2.127	-2.372	-1.883	-17.067	0.000
factor(cntry)CZ	-0.895	-1.092	-0.698	-8.889	0.000
factor(cntry)DE	-0.499	-0.698	-0.300	-4.913	0.000
factor(cntry)DK	0.631	0.425	0.837	6.000	0.000
factor(cntry)EE	-0.524	-0.700	-0.348	-5.841	0.000
factor(cntry)ES	-1.307	-1.503	-1.112	-13.126	0.000
factor(cntry)FI	0.280	0.112	0.447	3.275	0.001
factor(cntry)FR	-1.256	-1.445	-1.066	-13.001	0.000
factor(cntry)GB	-1.134	-1.314	-0.954	-12.341	0.000
factor(cntry)HU	-0.589	-0.775	-0.403	-6.207	0.000
factor(cntry)IE	-0.954	-1.144	-0.764	-9.849	0.000
factor(cntry)LT	-2.127	-2.348	-1.905	-18.838	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)NL	0.381	0.220	0.541	4.651	0.000
factor(cntry)NO	1.285	1.096	1.474	13.333	0.000
factor(cntry)PL	-1.690	-1.897	-1.483	-15.995	0.000
factor(cntry)PT	-1.091	-1.325	-0.856	-9.127	0.000
factor(cntry)SE	0.865	0.675	1.054	8.941	0.000
factor(cntry)SI	-1.853	-2.044	-1.662	-19.027	0.000
factor(cntry)SK	-1.945	-2.271	-1.619	-11.694	0.000

Standard errors: Robust

```
summ(p3c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	trstprl
Type	Survey-weighted linear regression

R^2	0.122
Adj. R^2	-0.707

	Est.	2.5%	97.5%	t val.	p
(Intercept)	3.390	3.021	3.760	18.001	0.000
DBS9	0.727	0.470	0.984	5.540	0.000
gndr	-0.174	-0.261	-0.086	-3.898	0.000
agea	-0.001	-0.004	0.001	-0.922	0.356
eduyrs	0.096	0.084	0.109	15.071	0.000
rlgdgr	0.108	0.093	0.124	13.532	0.000
factor(cntry)BE	-0.721	-0.902	-0.541	-7.822	0.000
factor(cntry)BG	-2.733	-2.954	-2.513	-24.290	0.000
factor(cntry)CH	1.132	0.959	1.305	12.819	0.000
factor(cntry)CY	-2.088	-2.333	-1.843	-16.693	0.000
factor(cntry)CZ	-0.953	-1.149	-0.756	-9.509	0.000
factor(cntry)DE	-0.447	-0.647	-0.246	-4.367	0.000
factor(cntry)DK	0.678	0.471	0.885	6.415	0.000
factor(cntry)EE	-0.495	-0.671	-0.318	-5.492	0.000
factor(cntry)ES	-1.246	-1.444	-1.048	-12.359	0.000
factor(cntry)FI	0.356	0.184	0.528	4.053	0.000
factor(cntry)FR	-1.206	-1.396	-1.015	-12.403	0.000
factor(cntry)GB	-1.100	-1.282	-0.919	-11.883	0.000
factor(cntry)HU	-0.657	-0.842	-0.471	-6.942	0.000
factor(cntry)IE	-0.927	-1.117	-0.737	-9.576	0.000
factor(cntry)LT	-2.217	-2.437	-1.996	-19.709	0.000
factor(cntry)NL	0.415	0.253	0.576	5.037	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)NO	1.327	1.138	1.517	13.710	0.000
factor(cntry)PL	-1.715	-1.923	-1.508	-16.199	0.000
factor(cntry)PT	-1.066	-1.301	-0.831	-8.882	0.000
factor(cntry)SE	0.924	0.733	1.116	9.445	0.000
factor(cntry)SI	-1.858	-2.049	-1.667	-19.050	0.000
factor(cntry)SK	-2.005	-2.329	-1.682	-12.146	0.000

Standard errors: Robust

```
summ(p4c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	trstprl
Type	Survey-weighted linear regression

R^2	0.121
Adj. R^2	-0.710

	Est.	2.5%	97.5%	t val.	p
(Intercept)	4.063	3.764	4.362	26.642	0.000
SDSo	-0.082	-0.127	-0.037	-3.591	0.000
gndr	-0.183	-0.271	-0.096	-4.114	0.000
agea	-0.001	-0.004	0.001	-1.101	0.271
eduyrs	0.097	0.084	0.109	15.167	0.000
rlgdgr	0.109	0.093	0.124	13.562	0.000
factor(cntry)BE	-0.716	-0.896	-0.535	-7.759	0.000
factor(cntry)BG	-2.733	-2.954	-2.512	-24.197	0.000
factor(cntry)CH	1.130	0.956	1.304	12.741	0.000
factor(cntry)CY	-2.095	-2.341	-1.850	-16.729	0.000
factor(cntry)CZ	-0.959	-1.156	-0.761	-9.505	0.000
factor(cntry)DE	-0.462	-0.667	-0.258	-4.435	0.000
factor(cntry)DK	0.670	0.462	0.878	6.323	0.000
factor(cntry)EE	-0.498	-0.675	-0.321	-5.511	0.000
factor(cntry)ES	-1.274	-1.472	-1.075	-12.573	0.000
factor(cntry)FI	0.327	0.153	0.500	3.685	0.000
factor(cntry)FR	-1.244	-1.435	-1.053	-12.782	0.000
factor(cntry)GB	-1.117	-1.300	-0.934	-11.976	0.000
factor(cntry)HU	-0.668	-0.854	-0.481	-7.000	0.000
factor(cntry)IE	-0.942	-1.132	-0.752	-9.699	0.000
factor(cntry)LT	-2.232	-2.455	-2.009	-19.659	0.000
factor(cntry)NL	0.415	0.253	0.577	5.017	0.000
factor(cntry)NO	1.320	1.129	1.510	13.575	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)PL	-1.716	-1.924	-1.508	-16.163	0.000
factor(cntry)PT	-1.073	-1.308	-0.837	-8.934	0.000
factor(cntry)SE	0.909	0.716	1.102	9.227	0.000
factor(cntry)SI	-1.856	-2.048	-1.665	-18.987	0.000
factor(cntry)SK	-2.010	-2.335	-1.686	-12.152	0.000

Standard errors: Robust

```
v1c <- svyglm(vote1 ~ gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), family=quasibinomial,  design
=ESS9complex, maxit=100)
v2c <- svyglm(vote1 ~ res + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), family=quasibinomial,
design=ESS9complex, maxit=100)
v3c <- svyglm(vote1 ~ DBS9 + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), family=quasibinomial,
design=ESS9complex, maxit=100)
v4c <- svyglm(vote1 ~ SDSo + gndr + agea + eduyrs + rlgdgr + essround + factor(cntry), family=quasibinomial,
design=ESS9complex, maxit=100)

summ(v1c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	vote1
Type	Survey-weighted generalized linear model
Family	quasibinomial
Link	logit

Pseudo-R^2 (Cragg-Uhler)	0.035
Pseudo-R^2 (McFadden)	0.107
AIC	NA

	Est.	2.5%	97.5%	t val.	p
(Intercept)	-1.524	-1.867	-1.182	-8.718	0.000
gndr	-0.066	-0.162	0.030	-1.356	0.175
agea	0.038	0.035	0.041	24.571	0.000
eduyrs	0.129	0.115	0.144	17.080	0.000
rlgdgr	0.003	-0.014	0.019	0.333	0.739
factor(cntry)BE	0.072	-0.174	0.318	0.573	0.567
factor(cntry)BG	-0.452	-0.684	-0.220	-3.823	0.000
factor(cntry)CH	-0.938	-1.152	-0.724	-8.600	0.000
factor(cntry)CY	-0.866	-1.141	-0.592	-6.179	0.000
factor(cntry)CZ	-1.344	-1.549	-1.139	-12.846	0.000
factor(cntry)DE	-0.175	-0.408	0.058	-1.473	0.141
factor(cntry)DK	0.750	0.423	1.077	4.492	0.000
factor(cntry)EE	-1.055	-1.254	-0.856	-10.398	0.000
factor(cntry)ES	-0.422	-0.648	-0.197	-3.668	0.000
factor(cntry)FI	-0.173	-0.390	0.045	-1.553	0.120
factor(cntry)FR	-1.339	-1.542	-1.136	-12.925	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)GB	-0.695	-0.904	-0.486	-6.520	0.000
factor(cntry)HU	-0.768	-0.977	-0.559	-7.191	0.000
factor(cntry)IE	-0.725	-0.940	-0.510	-6.614	0.000
factor(cntry)LT	-1.280	-1.508	-1.052	-10.997	0.000
factor(cntry)NL	-0.279	-0.501	-0.057	-2.462	0.014
factor(cntry)NO	0.355	0.083	0.628	2.561	0.010
factor(cntry)PL	-0.919	-1.135	-0.703	-8.347	0.000
factor(cntry)PT	-0.380	-0.634	-0.127	-2.938	0.003
factor(cntry)SE	1.112	0.780	1.444	6.570	0.000
factor(cntry)SI	-1.181	-1.388	-0.973	-11.145	0.000
factor(cntry)SK	-1.011	-1.284	-0.737	-7.234	0.000

Standard errors: Robust

```
summ(v2c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	vote1
Type	Survey-weighted generalized linear model
Family	quasibinomial
Link	logit

Pseudo-R^2 (Cragg-Uhler)	0.035
Pseudo-R^2 (McFadden)	0.108
AIC	NA

	Est.	2.5%	97.5%	t val.	p
(Intercept)	-1.532	-1.876	-1.188	-8.738	0.000
res	0.967	0.429	1.504	3.525	0.000
gndr	-0.062	-0.157	0.034	-1.267	0.205
agea	0.038	0.035	0.041	24.519	0.000
eduyrs	0.129	0.114	0.143	16.989	0.000
rlgdgr	0.003	-0.014	0.019	0.309	0.758
factor(cntry)BE	0.060	-0.188	0.307	0.474	0.636
factor(cntry)BG	-0.440	-0.673	-0.208	-3.708	0.000
factor(cntry)CH	-0.947	-1.161	-0.732	-8.662	0.000
factor(cntry)CY	-0.869	-1.144	-0.593	-6.180	0.000
factor(cntry)CZ	-1.329	-1.536	-1.123	-12.637	0.000
factor(cntry)DE	-0.168	-0.402	0.065	-1.412	0.158
factor(cntry)DK	0.748	0.420	1.076	4.473	0.000
factor(cntry)EE	-1.058	-1.258	-0.859	-10.394	0.000
factor(cntry)ES	-0.405	-0.631	-0.178	-3.497	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)FI	-0.155	-0.374	0.063	-1.394	0.163
factor(cntry)FR	-1.306	-1.510	-1.101	-12.513	0.000
factor(cntry)GB	-0.684	-0.893	-0.475	-6.413	0.000
factor(cntry)HU	-0.745	-0.956	-0.534	-6.923	0.000
factor(cntry)IE	-0.715	-0.930	-0.499	-6.505	0.000
factor(cntry)LT	-1.249	-1.480	-1.019	-10.623	0.000
factor(cntry)NL	-0.287	-0.510	-0.064	-2.527	0.012
factor(cntry)NO	0.358	0.085	0.631	2.571	0.010
factor(cntry)PL	-0.917	-1.133	-0.700	-8.307	0.000
factor(cntry)PT	-0.380	-0.634	-0.125	-2.924	0.003
factor(cntry)SE	1.120	0.787	1.452	6.599	0.000
factor(cntry)SI	-1.185	-1.394	-0.976	-11.134	0.000
factor(cntry)SK	-0.995	-1.271	-0.719	-7.070	0.000

Standard errors: Robust

```
summ(v3c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	vote1
Type	Survey-weighted generalized linear model
Family	quasibinomial
Link	logit

Pseudo-R^2 (Cragg-Uhler)	0.035
Pseudo-R^2 (McFadden)	0.107
AIC	NA

	Est.	2.5%	97.5%	t val.	p
(Intercept)	-1.484	-1.928	-1.041	-6.561	0.000
DBS9	-0.043	-0.334	0.247	-0.293	0.770
gndr	-0.068	-0.164	0.028	-1.396	0.163
agea	0.038	0.035	0.041	24.093	0.000
eduyrs	0.129	0.114	0.144	17.049	0.000
rlgdgr	0.003	-0.014	0.019	0.333	0.739
factor(cntry)BE	0.071	-0.175	0.318	0.567	0.571
factor(cntry)BG	-0.449	-0.682	-0.217	-3.792	0.000
factor(cntry)CH	-0.940	-1.154	-0.725	-8.598	0.000
factor(cntry)CY	-0.869	-1.144	-0.593	-6.187	0.000
factor(cntry)CZ	-1.342	-1.547	-1.136	-12.791	0.000
factor(cntry)DE	-0.179	-0.410	0.053	-1.513	0.130
factor(cntry)DK	0.747	0.419	1.075	4.465	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)EE	-1.056	-1.255	-0.857	-10.404	0.000
factor(cntry)ES	-0.427	-0.657	-0.198	-3.657	0.000
factor(cntry)FI	-0.179	-0.400	0.043	-1.583	0.113
factor(cntry)FR	-1.345	-1.553	-1.137	-12.692	0.000
factor(cntry)GB	-0.698	-0.909	-0.488	-6.500	0.000
factor(cntry)HU	-0.766	-0.976	-0.556	-7.164	0.000
factor(cntry)IE	-0.728	-0.943	-0.512	-6.619	0.000
factor(cntry)LT	-1.277	-1.506	-1.049	-10.949	0.000
factor(cntry)NL	-0.280	-0.503	-0.058	-2.471	0.013
factor(cntry)NO	0.353	0.080	0.626	2.537	0.011
factor(cntry)PL	-0.918	-1.134	-0.702	-8.332	0.000
factor(cntry)PT	-0.382	-0.636	-0.128	-2.948	0.003
factor(cntry)SE	1.108	0.775	1.441	6.517	0.000
factor(cntry)SI	-1.180	-1.388	-0.972	-11.140	0.000
factor(cntry)SK	-1.008	-1.282	-0.734	-7.209	0.000

Standard errors: Robust

```
summ(v4c, confint = TRUE, digits = 3)
```

Observations	32545
Dependent variable	vote1
Type	Survey-weighted generalized linear model
Family	quasibinomial
Link	logit

Pseudo-R^2 (Cragg-Uhler)	0.035
Pseudo-R^2 (McFadden)	0.107
AIC	NA

	Est.	2.5%	97.5%	t val.	p
(Intercept)	-1.527	-1.869	-1.184	-8.734	0.000
SDSo	0.055	0.008	0.103	2.273	0.023
gndr	-0.085	-0.182	0.011	-1.729	0.084
agea	0.037	0.034	0.040	23.820	0.000
eduyrs	0.129	0.114	0.144	16.936	0.000
rlgdgr	0.003	-0.014	0.019	0.324	0.746
factor(cntry)BE	0.061	-0.186	0.307	0.481	0.630
factor(cntry)BG	-0.420	-0.653	-0.188	-3.541	0.000
factor(cntry)CH	-0.959	-1.174	-0.745	-8.767	0.000
factor(cntry)CY	-0.890	-1.164	-0.615	-6.345	0.000
factor(cntry)CZ	-1.316	-1.522	-1.109	-12.503	0.000

Standard errors: Robust

	Est.	2.5%	97.5%	t val.	p
factor(cntry)DE	-0.208	-0.441	0.025	-1.752	0.080
factor(cntry)DK	0.722	0.394	1.049	4.312	0.000
factor(cntry)EE	-1.070	-1.269	-0.871	-10.529	0.000
factor(cntry)ES	-0.466	-0.695	-0.236	-3.982	0.000
factor(cntry)FI	-0.226	-0.448	-0.004	-1.993	0.046
factor(cntry)FR	-1.384	-1.591	-1.178	-13.118	0.000
factor(cntry)GB	-0.720	-0.931	-0.510	-6.706	0.000
factor(cntry)HU	-0.739	-0.949	-0.528	-6.880	0.000
factor(cntry)IE	-0.745	-0.960	-0.530	-6.786	0.000
factor(cntry)LT	-1.242	-1.472	-1.011	-10.569	0.000
factor(cntry)NL	-0.293	-0.516	-0.071	-2.585	0.010
factor(cntry)NO	0.333	0.060	0.605	2.388	0.017
factor(cntry)PL	-0.905	-1.120	-0.689	-8.218	0.000
factor(cntry)PT	-0.396	-0.650	-0.142	-3.052	0.002
factor(cntry)SE	1.074	0.740	1.407	6.315	0.000
factor(cntry)SI	-1.176	-1.384	-0.969	-11.111	0.000
factor(cntry)SK	-0.980	-1.254	-0.706	-7.001	0.000

Standard errors: Robust

```
########################################
# (Step 13)  Extra Analysis: Country Level
########################################

# calculating the mean of self-enhancement scores across countries
Qsen <- E %>% group_by(cntry) %>% summarise(meanSEN = mean(SEN,na.rm=T))
Qsen
```

```
## # A tibble: 24 x 2
##    cntry meanSEN
##    <chr>   <dbl>
##  1 AT       3.82
##  2 BE       3.52
##  3 BG       3.90
##  4 CH       3.56
##  5 CY       3.82
##  6 CZ       3.65
##  7 DE       3.42
##  8 DK       3.41
##  9 EE       3.23
## 10 ES       3.33
## # ... with 14 more rows
```

```
# calculating the mean of self-transcendence scores across countries
Qstr <- E %>% group_by(cntry) %>% summarise(meanSTR = mean(STR,na.rm=T))
Qstr
```

```
## # A tibble: 24 x 2
##    cntry meanSTR
##    <chr>   <dbl>
##  1 AT       4.95
##  2 BE       4.98
##  3 BG       4.83
##  4 CH       5.10
##  5 CY       5.15
##  6 CZ       4.52
##  7 DE       5.00
##  8 DK       4.99
##  9 EE       4.73
## 10 ES       5.16
## # ... with 14 more rows
```

```
# calculating the mean of ST-SE-VB (original) scores across countries
Qdbs <- E %>% group_by(cntry) %>% summarise(meanDBS9 = mean(DBS9,na.rm=T))
Qdbs
```

```
## # A tibble: 24 x 2
##    cntry meanDBS9
##    <chr>    <dbl>
##  1 AT       0.766
##  2 BE       0.736
##  3 BG       0.788
##  4 CH       0.715
##  5 CY       0.743
##  6 CZ       0.787
##  7 DE       0.707
##  8 DK       0.710
##  9 EE       0.717
## 10 ES       0.665
## # ... with 14 more rows
```

```
# calculating the mean of ST dim across countries
Qsds <- E %>% group_by(cntry) %>% summarise(meanSDSo = mean(SDSo,na.rm=T))
Qsds
```

```
## # A tibble: 24 x 2
##    cntry meanSDSo
##    <chr>    <dbl>
##  1 AT       1.12
##  2 BE       1.46
##  3 BG       0.930
##  4 CH       1.55
##  5 CY       1.33
##  6 CZ       0.874
##  7 DE       1.59
##  8 DK       1.58
##  9 EE       1.50
## 10 ES       1.82
## # ... with 14 more rows
```