

Structural equations modeling Round 8

Pamela Inostroza

21/04/2020

Index

Write a report on the analysis (10 pages not including appendices & references)

- Theoretical framing of the research problem / Research questions / Hypotheses
- Short description of the dataset used
- Modeling strategy
- Results

```
round <- c(8) #8
describeFast(ds)
```

```
##
## Number of observations = 410744 of which 67916 are complete cases. Number of variables = 37
##
## To list the items and their counts, print with short = FALSE
```

```
describeBy(ds[cont],list(ds$essround %in% round,ds$cntry))
```

```
##
## Descriptive statistics by group
## : FALSE
## : Austria
##      vars      n mean    sd median trimmed   mad min max range skew
## hhmb 1 11192  2.57  1.42     2    2.41  1.48   1 12   11 0.90
## agea 2 11179 47.03 18.09    46   46.54 20.76  15 97   82 0.19
##      kurtosis    se
## hhmb      0.71 0.01
## agea     -0.80 0.17
## -----
## : TRUE
## : Austria
##      vars      n mean    sd median trimmed   mad min max range skew
## hhmb 1 2001  2.24  1.22     2    2.08  1.48   1  8    7 1.13
## agea 2 2001 49.70 17.36    50   49.64 20.76  16 91   75 -0.01
##      kurtosis    se
## hhmb      1.33 0.03
## agea     -0.94 0.39
## -----
## : FALSE
## : Belgium
##      vars      n mean    sd median trimmed   mad min max range skew
## hhmb 1 14325  2.91  1.44     3    2.80  1.48   1 19   18 1.06
## agea 2 14256 46.43 18.78    46   45.87 22.24  14 105  91 0.20
##      kurtosis    se
## hhmb      3.30 0.01
## agea     -0.86 0.16
## -----
## : TRUE
```

```

## : Belgium
##      vars      n  mean    sd median trimmed  mad min max range skew
## hhmmb      1 1766  2.92  1.42      3    2.82  1.48   1  9     8 0.68
## agea       2 1766 47.02 18.87     47   46.54 22.24  15 100    85 0.15
##      kurtosis  se
## hhmmb      0.24 0.03
## agea      -0.89 0.45
## -----
## : FALSE
## : Bulgaria
##      vars      n  mean    sd median trimmed  mad min max range skew
## hhmmb      1 10522  2.69  1.44      2    2.52  1.48   1 14    13 1.22
## agea       2 10500 52.99 17.75     55   53.51 19.27  15 92    77 -0.23
##      kurtosis  se
## hhmmb      2.79 0.01
## agea      -0.83 0.17
## -----
## : TRUE
## : Bulgaria
## NULL
## -----
## : FALSE
## : Croatia
##      vars      n  mean    sd median trimmed  mad min max range skew
## hhmmb      1 3127  3.06  1.55      3    2.95  1.48   1 13    12 0.82
## agea       2 3075 49.20 18.69     50   49.06 23.72  15 99    84 0.03
##      kurtosis  se
## hhmmb      1.45 0.03
## agea      -1.07 0.34
## -----
## : TRUE
## : Croatia
## NULL
## -----
## : FALSE
## : Cyprus
##      vars      n  mean    sd median trimmed  mad min max range skew
## hhmmb      1 5189  2.89  1.40      3    2.79  1.48   1  8     7 0.60
## agea       2 5160 47.86 18.44     48   47.47 22.24  15 103    88 0.15
##      kurtosis  se
## hhmmb     -0.16 0.02
## agea     -0.96 0.26
## -----
## : TRUE
## : Cyprus
## NULL
## -----
## : FALSE
## : Czechia
##      vars      n  mean    sd median trimmed  mad min max range skew
## hhmmb      1 15339  2.50  1.21      2    2.42  1.48   1 12    11 0.67
## agea       2 15137 48.06 17.54     48   48.01 20.76  14 95    81 0.02
##      kurtosis  se
## hhmmb      0.47 0.01

```

```

## agea      -0.92 0.14
## -----
## : TRUE
## : Czechia
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmb 1 2269 2.29 1.10      2 2.19 1.48 1 8 7 0.78
## agea 2 2269 46.06 17.09     46 46.12 22.24 15 92 77 0.01
##      kurtosis se
## hhmb 0.45 0.02
## agea -0.99 0.36
## -----
## : FALSE
## : Denmark
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmb 1 10806 2.56 1.28      2 2.45 1.48 1 12 11 0.85
## agea 2 10800 48.23 18.25     48 48.06 20.76 15 102 87 0.06
##      kurtosis se
## hhmb 0.65 0.01
## agea -0.81 0.18
## -----
## : TRUE
## : Denmark
## NULL
## -----
## : FALSE
## : Estonia
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmb 1 13293 2.65 1.37      2 2.51 1.48 1 15 14 0.93
## agea 2 13287 48.89 19.40     49 48.66 23.72 15 100 85 0.07
##      kurtosis se
## hhmb 1.36 0.01
## agea -1.02 0.17
## -----
## : TRUE
## : Estonia
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmb 1 2018 2.48 1.27      2 2.36 1.48 1 9 8 0.84
## agea 2 2019 49.65 18.99     50 49.41 22.24 15 93 78 0.08
##      kurtosis se
## hhmb 0.52 0.03
## agea -0.95 0.42
## -----
## : FALSE
## : Finland
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmb 1 16029 2.44 1.35      2 2.28 1.48 1 14 13 1.41
## agea 2 16030 48.74 18.98     50 48.60 22.24 15 100 85 0.02
##      kurtosis se
## hhmb 3.78 0.01
## agea -0.95 0.15
## -----
## : TRUE
## : Finland
##      vars      n mean      sd median trimmed  mad min max range skew

```

```

## hhmb 1 1925 2.39 1.31 2 2.22 1.48 1 8 7 1.21
## agea 2 1925 50.13 18.96 51 50.13 22.24 15 98 83 -0.03
##      kurtosis se
## hhmb 1.60 0.03
## agea -0.97 0.43
## -----
## : FALSE
## : France
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmb 1 14991 2.44 1.34 2 2.29 1.48 1 12 11 0.97
## agea 2 14988 49.64 18.52 49 49.41 20.76 14 101 87 0.10
##      kurtosis se
## hhmb 0.94 0.01
## agea -0.88 0.15
## -----
## : TRUE
## : France
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmb 1 2070 2.24 1.24 2 2.08 1.48 1 9 8 1.15
## agea 2 2069 52.38 18.93 53 52.47 22.24 15 99 84 -0.06
##      kurtosis se
## hhmb 1.48 0.03
## agea -0.87 0.42
## -----
## : FALSE
## : Germany
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmb 1 22804 2.58 1.30 2 2.46 1.48 1 22 21 1.19
## agea 2 22662 48.35 18.23 49 48.28 20.76 15 102 87 0.02
##      kurtosis se
## hhmb 4.11 0.01
## agea -0.86 0.12
## -----
## : TRUE
## : Germany
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmb 1 2851 2.60 1.29 2 2.48 1.48 1 10 9 1.03
## agea 2 2849 48.56 18.50 50 48.56 20.76 15 94 79 -0.03
##      kurtosis se
## hhmb 1.54 0.02
## agea -0.93 0.35
## -----
## : FALSE
## : Greece
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmb 1 9759 2.73 1.32 3 2.63 1.48 1 12 11 0.76
## agea 2 9755 48.20 18.63 46 47.79 22.24 13 98 85 0.18
##      kurtosis se
## hhmb 1.08 0.01
## agea -1.00 0.19
## -----
## : TRUE
## : Greece
## NULL

```

```

## -----
## : FALSE
## : Hungary
##      vars      n  mean    sd median trimmed  mad min max range skew
## hhmbb      1 13205  2.80  1.45      3    2.66  1.48   1 15    14 1.16
## agea       2 13200 48.37 18.50     48   48.11 22.24  15 95    80 0.09
##      kurtosis  se
## hhmbb      3.14 0.01
## agea      -0.95 0.16
## -----
## : TRUE
## : Hungary
##      vars      n  mean    sd median trimmed  mad min max range skew
## hhmbb      1 1614  2.39  1.24      2    2.25  1.48   1 11    10 1.24
## agea       2 1614 50.78 18.75     51   50.81 22.24  15 95    80 -0.02
##      kurtosis  se
## hhmbb      2.91 0.03
## agea      -0.98 0.47
## -----
## : FALSE
## : Iceland
##      vars      n  mean    sd median trimmed  mad min max range skew
## hhmbb      1 1319  3.13  1.50      3    3.05  1.48   1 14    13 0.85
## agea       2 1322 44.32 18.33     43   43.53 20.76  15 90    75 0.29
##      kurtosis  se
## hhmbb      2.2 0.04
## agea      -0.8 0.50
## -----
## : TRUE
## : Iceland
##      vars      n  mean    sd median trimmed  mad min max range skew
## hhmbb      1 879  3.03  1.49      3    2.94  1.48   1 10     9 0.71
## agea       2 880 48.69 18.17     49   48.45 20.76  15 94    79 0.09
##      kurtosis  se
## hhmbb      0.44 0.05
## agea      -0.86 0.61
## -----
## : FALSE
## : Ireland
##      vars      n  mean    sd median trimmed  mad min max range skew
## hhmbb      1 17686 2.87  1.54      3    2.73  1.48   1 15    14 0.82
## agea       2 17500 47.86 18.13     47   47.47 20.76  15 101   86 0.17
##      kurtosis  se
## hhmbb      0.72 0.01
## agea      -0.91 0.14
## -----
## : TRUE
## : Ireland
##      vars      n  mean    sd median trimmed  mad min max range skew
## hhmbb      1 2725  2.56  1.37      2    2.41  1.48   1  6     5 0.72
## agea       2 2717 50.16 17.90     49   49.89 20.76  16 96    80 0.13
##      kurtosis  se
## hhmbb     -0.35 0.03
## agea     -0.87 0.34

```

```

## -----
## : FALSE
## : Israel
##      vars      n  mean      sd median trimmed   mad min max range skew
## hhmb  1 12265  3.63  1.95     3    3.47  1.48   1 15   14 0.93
## agea  2 12195 44.96 19.27    43   44.10 23.72  15 100   85 0.31
##      kurtosis   se
## hhmb      1.32 0.02
## agea     -0.95 0.17
## -----
## : TRUE
## : Israel
##      vars      n  mean      sd median trimmed   mad min max range skew
## hhmb  1 2557  3.58  1.94     3    3.42  1.48   1 20   19 1.05
## agea  2 2530 46.94 19.50    45   46.33 25.20  15 99   84 0.22
##      kurtosis   se
## hhmb      2.49 0.04
## agea     -1.06 0.39
## -----
## : FALSE
## : Italy
##      vars      n  mean      sd median trimmed   mad min max range skew
## hhmb  1 4912  2.86  1.28     3    2.80  1.48   1  9    8 0.44
## agea  2 4869 49.39 18.93    49   49.07 22.24  14 103   89 0.10
##      kurtosis   se
## hhmb     -0.05 0.02
## agea     -0.89 0.27
## -----
## : TRUE
## : Italy
##      vars      n  mean      sd median trimmed   mad min max range skew
## hhmb  1 2563  2.74  1.28     3    2.67  1.48   1 10    9 0.56
## agea  2 2613 48.81 19.11    49   48.53 22.24  15 96   81 0.09
##      kurtosis   se
## hhmb      0.29 0.03
## agea     -0.86 0.37
## -----
## : FALSE
## : Lithuania
##      vars      n  mean      sd median trimmed   mad min max range skew
## hhmb  1 6036  2.42  1.22     2    2.30  1.48   1 10    9 0.98
## agea  2 5994 49.89 18.84    51   50.16 22.24  15 95   80 -0.11
##      kurtosis   se
## hhmb      1.66 0.02
## agea     -1.01 0.24
## -----
## : TRUE
## : Lithuania
##      vars      n  mean      sd median trimmed   mad min max range skew
## hhmb  1 2122  2.35  1.12     2    2.26  1.48   1 10    9 0.86
## agea  2 2105 49.92 18.40    51   50.24 22.24  15 97   82 -0.13
##      kurtosis   se
## hhmb      1.24 0.02
## agea     -0.94 0.40

```

```

## -----
## : FALSE
## : Luxembourg
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmbb      1 3182  3.16  1.43      3    3.11  1.48   1  9     8 0.46
## agea       2 3130 43.38 18.12     42   42.64 22.24  15 110    95 0.29
##      kurtosis  se
## hhmbb      0.12 0.03
## agea      -0.78 0.32
## -----
## : TRUE
## : Luxembourg
## NULL
## -----
## : FALSE
## : Netherlands
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmbb      1 15173  2.46  1.33      2    2.32  1.48   1  13    12 1.00
## agea       2 15165 49.55 17.82     49   49.37 20.76  14  96    82 0.09
##      kurtosis  se
## hhmbb      1.34 0.01
## agea      -0.80 0.14
## -----
## : TRUE
## : Netherlands
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmbb      1 1679  2.42  1.29      2    2.29  1.48   1  10     9 0.93
## agea       2 1681 51.22 18.70     52   51.36 22.24  15  97    82 -0.07
##      kurtosis  se
## hhmbb      1.01 0.03
## agea      -0.93 0.46
## -----
## : FALSE
## : Norway
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmbb      1 13090  2.68  1.33      2    2.56  1.48   1  9     8 0.71
## agea       2 13076 46.07 17.95     45   45.55 20.76  15 104    89 0.22
##      kurtosis  se
## hhmbb     -0.03 0.01
## agea     -0.73 0.16
## -----
## : TRUE
## : Norway
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmbb      1 1544  2.65  1.31      2    2.52  1.48   1  7     6 0.77
## agea       2 1545 46.96 18.87     47   46.43 22.24  15  98    83 0.19
##      kurtosis  se
## hhmbb      0.03 0.03
## agea     -0.83 0.48
## -----
## : FALSE
## : Poland
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmbb      1 13890  3.40  1.61      3    3.30  1.48   1  14    13 0.76

```

```

## agea      2 13920 44.76 18.78      44  44.02 22.24  15  97    82 0.24
##      kurtosis  se
## hhmb      1.04 0.01
## agea      -0.95 0.16
## -----
## : TRUE
## : Poland
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmb      1 1688  3.11  1.51      3    3.00  1.48   1  12    11 0.88
## agea      2 1692 47.17 18.28     47   46.94 22.24  15  87    72 0.06
##      kurtosis  se
## hhmb      1.31 0.04
## agea      -1.02 0.44
## -----
## : FALSE
## : Portugal
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmb      1 13715  2.59  1.24      2    2.49  1.48   1  12    11 0.88
## agea      2 13716 51.60 19.40     52   51.76 23.72  15  97    82 -0.06
##      kurtosis  se
## hhmb      1.34 0.01
## agea      -1.08 0.17
## -----
## : TRUE
## : Portugal
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmb      1 1269  2.58  1.21      2    2.5   1.48   1   7     6 0.61
## agea      2 1270 52.05 18.30     53   52.3 21.50  15  93    78 -0.11
##      kurtosis  se
## hhmb      0.05 0.03
## agea      -0.95 0.51
## -----
## : FALSE
## : RS
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmb      1 2005  2.67  1.61      2    2.46  1.48   1  11    10 1.15
## agea      2 2039 53.61 18.03     55   54.15 19.27  15  90    75 -0.24
##      kurtosis  se
## hhmb      1.41 0.04
## agea      -0.81 0.40
## -----
## : TRUE
## : RS
## NULL
## -----
## : FALSE
## : Russia
##      vars      n mean      sd median trimmed  mad min max range skew
## hhmb      1 10028  2.51  1.29      2    2.39  1.48   1  15    14 0.94
## agea      2 9997 46.42 18.66     46   45.92 22.24  15  94    79 0.18
##      kurtosis  se
## hhmb      1.84 0.01
## agea      -1.01 0.19
## -----

```



```

## : TRUE
## : Russia
##      vars      n  mean    sd median trimmed  mad min max range skew
## hhmbb      1 2430  2.33  1.19      2    2.21  1.48   1   8    7 0.77
## agea       2 2430 46.73 18.02     45   46.03 22.24  16  95   79 0.27
##      kurtosis  se
## hhmbb      0.16 0.02
## agea      -0.98 0.37
## -----
## : FALSE
## : Slovakia
##      vars      n  mean    sd median trimmed  mad min max range skew
## hhmbb      1 8758  3.10  1.61      3    2.97  1.48   1  15   14 0.94
## agea       2 8669 47.39 17.68     48   47.11 20.76  15  96   81 0.10
##      kurtosis  se
## hhmbb      2.04 0.02
## agea      -0.90 0.19
## -----
## : TRUE
## : Slovakia
## NULL
## -----
## : FALSE
## : Slovenia
##      vars      n  mean    sd median trimmed  mad min max range skew
## hhmbb      1 10903 3.29  1.50      3    3.22  1.48   1  15   14 0.83
## agea       2 10888 47.08 18.81     47   46.71 22.24  15 102   87 0.13
##      kurtosis  se
## hhmbb      2.14 0.01
## agea      -0.95 0.18
## -----
## : TRUE
## : Slovenia
##      vars      n  mean    sd median trimmed  mad min max range skew
## hhmbb      1 1306  3.19  1.47      3    3.12  1.48   1  11   10 0.71
## agea       2 1307 49.06 18.66     50   48.96 20.76  15  94   79 0.01
##      kurtosis  se
## hhmbb      0.94 0.04
## agea      -0.88 0.52
## -----
## : FALSE
## : Spain
##      vars      n  mean    sd median trimmed  mad min max range skew
## hhmbb      1 13524 3.06  1.32      3    3.00  1.48   1  15   14 0.74
## agea       2 13498 46.93 18.76     45   46.23 20.76  14 103   89 0.30
##      kurtosis  se
## hhmbb      1.75 0.01
## agea      -0.85 0.16
## -----
## : TRUE
## : Spain
##      vars      n  mean    sd median trimmed  mad min max range skew
## hhmbb      1 1958  3.03  1.25      3    2.98  1.48   1   8    7 0.49
## agea       2 1958 49.60 18.22     49   49.33 19.27  16  99   83 0.12

```

```

##      kurtosis   se
## hhmb      0.22 0.03
## agea     -0.67 0.41
## -----
## : FALSE
## : Sweden
##      vars      n mean      sd median trimmed   mad min max range skew
## hhmb      1 12824  2.56  1.34      2    2.43  1.48   1  14    13 1.00
## agea      2 12831 47.63 19.09     47   47.22 22.24  15 114    99 0.14
##      kurtosis   se
## hhmb      1.62 0.01
## agea     -0.92 0.17
## -----
## : TRUE
## : Sweden
##      vars      n mean      sd median trimmed   mad min max range skew
## hhmb      1 1547  2.48  1.27      2    2.35  1.48   1   9     8 0.94
## agea      2 1547 51.56 19.06     52   51.68 22.24  15  90    75 -0.06
##      kurtosis   se
## hhmb      0.72 0.03
## agea     -0.96 0.48
## -----
## : FALSE
## : Switzerland
##      vars      n mean      sd median trimmed   mad min max range skew
## hhmb      1 13867  2.52  1.35      2    2.38  1.48   1   9     8 0.80
## agea      2 13853 48.06 18.34     47   47.65 20.76  14 102    88 0.18
##      kurtosis   se
## hhmb      0.12 0.01
## agea     -0.80 0.16
## -----
## : TRUE
## : Switzerland
##      vars      n mean      sd median trimmed   mad min max range skew
## hhmb      1 1523  2.77  1.35      2    2.66  1.48   1   9     8 0.76
## agea      2 1519 47.83 18.78     48   47.57 22.24  15  94    79 0.08
##      kurtosis   se
## hhmb      0.32 0.03
## agea     -0.95 0.48
## -----
## : FALSE
## : Turkey
##      vars      n mean      sd median trimmed   mad min max range skew
## hhmb      1 4271  3.94  2.08      4    3.69  1.48   1  18    17 1.57
## agea      2 4242 39.42 16.65     36   38.04 16.31  15 105    90 0.66
##      kurtosis   se
## hhmb      4.68 0.03
## agea     -0.32 0.26
## -----
## : TRUE
## : Turkey
## NULL
## -----
## : FALSE

```

```
## : Ukraine
##      vars      n mean      sd median trimmed      mad min max range skew
## hhmb 1 9979 2.73 1.40      3 2.59 1.48 1 12 11 1
## agea 2 9982 49.25 18.79     50 49.19 23.72 15 102 87 0
##      kurtosis se
## hhmb 1.84 0.01
## agea -1.06 0.19
## -----
## : TRUE
## : Ukraine
## NULL
## -----
## : FALSE
## : United Kingdom
##      vars      n mean      sd median trimmed      mad min max range skew
## hhmb 1 17851 2.36 1.31      2 2.20 1.48 1 11 10 1.07
## agea 2 17748 50.23 18.79     50 50.01 22.24 15 123 108 0.10
##      kurtosis se
## hhmb 1.28 0.01
## agea -0.92 0.14
## -----
## : TRUE
## : United Kingdom
##      vars      n mean      sd median trimmed      mad min max range skew
## hhmb 1 1959 2.26 1.26      2 2.11 1.48 1 8 7 1.03
## agea 2 1926 51.38 18.76     52 51.32 22.24 15 94 79 0.01
##      kurtosis se
## hhmb 0.82 0.03
## agea -0.95 0.43
## -----
for (j in round){
  for (i in items){
    print(paste(i,": ", var_lab(eval(parse(text=paste("ds$",i))))))
    print(use_labels(mtcars[ds$essround == j,],
                     table(eval(parse(text=paste("ds$",i))), ds$cntry,useNA = "ifany")))
    print(use_labels(mtcars[ds$essround == j,],
                     round(prop.table(table(eval(parse(text=paste("ds$",i))),ds$cntry),1)*100,2)))
  }
}
```

```
## [1] "iphlppl : Important to help people and care for others well-being"
##
##      Austria Belgium Bulgaria Croatia Cyprus Czechia
## Very much like me 3334 3803 2447 921 2022 2052
## Like me 5301 8059 4092 1266 2369 5316
## Somewhat like me 3239 3489 2427 561 567 5527
## A little like me 883 498 728 258 171 2567
## Not like me 234 164 279 46 24 844
## Not like me at all 101 24 83 9 4 251
## <NA> 130 73 466 72 33 1057
##
##      Denmark Estonia Finland France Germany Greece Hungary
## Very much like me 3128 1994 3586 4698 6614 3382 3361
## Like me 4709 6571 7059 5388 12199 4319 5237
## Somewhat like me 1919 4572 4418 3630 4744 1561 3656
```

##	A little like me	759	1511	1117	2486	1377	342	1296
##	Not like me	131	443	261	455	422	74	371
##	Not like me at all	16	68	63	88	68	22	112
##	<NA>	174	155	1451	316	276	59	797
##								
##		Iceland	Ireland	Israel	Italy	Lithuania	Luxembourg	
##	Very much like me	590	5672	5369	1372	1031	417	
##	Like me	913	8121	4731	2338	2398	688	
##	Somewhat like me	453	3198	2492	1914	2291	304	
##	A little like me	145	1437	1010	437	1746	155	
##	Not like me	19	333	267	71	524	44	
##	Not like me at all	2	77	66	29	61	10	
##	<NA>	89	1625	975	1377	107	1569	
##								
##		Netherlands	Norway	Poland	Portugal	RS	Russia	
##	Very much like me	3357	2921	2485	2816	724	2319	
##	Like me	7907	6096	7401	5335	841	4221	
##	Somewhat like me	4263	3073	3966	4830	270	3584	
##	A little like me	703	1527	1192	1658	121	1405	
##	Not like me	252	200	277	221	41	511	
##	Not like me at all	87	14	50	44	10	163	
##	<NA>	290	823	253	84	36	255	
##								
##		Slovakia	Slovenia	Spain	Sweden	Switzerland	Turkey	
##	Very much like me	1397	3047	6147	2962	4377	1263	
##	Like me	3722	6444	6814	5615	7314	1963	
##	Somewhat like me	2753	1975	1807	3087	2748	660	
##	A little like me	578	406	478	1245	639	204	
##	Not like me	166	150	111	193	169	53	
##	Not like me at all	47	28	47	28	23	15	
##	<NA>	128	182	97	1260	132	114	
##								
##		Ukraine	United Kingdom					
##	Very much like me	1918	5864					
##	Like me	2859	8816					
##	Somewhat like me	2456	3017					
##	A little like me	1687	1356					
##	Not like me	501	261					
##	Not like me at all	117	41					
##	<NA>	449	475					
##								
##		Austria	Belgium	Bulgaria	Croatia	Cyprus	Czechia	
##	Very much like me	3.42	3.90	2.51	0.95	2.08	2.11	
##	Like me	3.19	4.84	2.46	0.76	1.42	3.19	
##	Somewhat like me	3.62	3.90	2.71	0.63	0.63	6.18	
##	A little like me	2.75	1.55	2.27	0.80	0.53	7.99	
##	Not like me	2.88	2.02	3.44	0.57	0.30	10.40	
##	Not like me at all	5.41	1.28	4.44	0.48	0.21	13.44	
##								
##		Denmark	Estonia	Finland	France	Germany	Greece	Hungary
##	Very much like me	3.21	2.05	3.68	4.82	6.79	3.47	3.45
##	Like me	2.83	3.95	4.24	3.24	7.33	2.60	3.15
##	Somewhat like me	2.15	5.11	4.94	4.06	5.30	1.75	4.09
##	A little like me	2.36	4.70	3.48	7.74	4.29	1.06	4.03

```

## Not like me      1.61    5.46    3.22    5.61    5.20    0.91    4.57
## Not like me at all 0.86    3.64    3.37    4.71    3.64    1.18    6.00
##
##
##      Iceland Ireland Israel Italy Lithuania Luxembourg
## Very much like me 0.61    5.82    5.51    1.41    1.06    0.43
## Like me          0.55    4.88    2.84    1.40    1.44    0.41
## Somewhat like me 0.51    3.58    2.79    2.14    2.56    0.34
## A little like me 0.45    4.47    3.14    1.36    5.44    0.48
## Not like me      0.23    4.11    3.29    0.88    6.46    0.54
## Not like me at all 0.11    4.12    3.53    1.55    3.27    0.54
##
##
##      Netherlands Norway Poland Portugal RS Russia
## Very much like me 3.45    3.00    2.55    2.89    0.74    2.38
## Like me          4.75    3.66    4.45    3.21    0.51    2.54
## Somewhat like me 4.77    3.44    4.43    5.40    0.30    4.01
## A little like me 2.19    4.75    3.71    5.16    0.38    4.37
## Not like me      3.11    2.47    3.41    2.72    0.51    6.30
## Not like me at all 4.66    0.75    2.68    2.36    0.54    8.73
##
##
##      Slovakia Slovenia Spain Sweden Switzerland Turkey
## Very much like me 1.43    3.13    6.31    3.04    4.49    1.30
## Like me          2.24    3.87    4.09    3.37    4.39    1.18
## Somewhat like me 3.08    2.21    2.02    3.45    3.07    0.74
## A little like me 1.80    1.26    1.49    3.88    1.99    0.64
## Not like me      2.05    1.85    1.37    2.38    2.08    0.65
## Not like me at all 2.52    1.50    2.52    1.50    1.23    0.80
##
##
##      Ukraine United Kingdom
## Very much like me 1.97    6.02
## Like me          1.72    5.30
## Somewhat like me 2.75    3.37
## A little like me 5.25    4.22
## Not like me      6.18    3.22
## Not like me at all 6.26    2.19
## [1] "iplylfr : Important to be loyal to friends and devote to people close"
##
##
##      Austria Belgium Bulgaria Croatia Cyprus Czechia
## Very much like me 6125    5842    3776    1047    2215    3961
## Like me          5010    8457    4388    1329    2373    7270
## Somewhat like me 1352    1473    1433    424    435    3808
## A little like me 436    165    326    185    104    1201
## Not like me      105    79    119    26    20    326
## Not like me at all 65    20    49    9    2    106
## <NA>             129    74    431    113    41    942
##
##
##      Denmark Estonia Finland France Germany Greece Hungary
## Very much like me 5529    3588    6286    7178    10787    4196    5790
## Like me          4396    8489    7384    5630    12104    4124    5178
## Somewhat like me 541    2285    2154    2656    1907    1041    2112
## A little like me 170    596    503    1047    406    243    687
## Not like me      21    170    123    152    167    65    197
## Not like me at all 6    47    49    60    50    25    79
## <NA>             173    139    1456    338    279    65    787
##

```

##		Iceland	Ireland	Israel	Italy	Lithuania	Luxembourg	
##	Very much like me	1209	6329	6689	1643	1143	620	
##	Like me	742	8105	4830	2654	2349	719	
##	Somewhat like me	140	2701	1631	1523	2185	188	
##	A little like me	30	1301	606	274	1639	66	
##	Not like me	3	311	155	47	598	19	
##	Not like me at all	1	62	41	24	124	5	
##	<NA>	86	1654	958	1373	120	1570	
##								
##		Netherlands	Norway	Poland	Portugal	RS	Russia	
##	Very much like me	3731	4241	4320	3863	886	3435	
##	Like me	8988	6882	8173	5465	854	4953	
##	Somewhat like me	3081	1784	2155	4080	151	2609	
##	A little like me	420	784	553	1264	73	822	
##	Not like me	188	116	131	181	27	301	
##	Not like me at all	70	9	39	44	11	103	
##	<NA>	381	838	253	91	41	235	
##								
##		Slovakia	Slovenia	Spain	Sweden	Switzerland	Turkey	
##	Very much like me	1547	2798	6446	4297	6890	1275	
##	Like me	4077	6282	6867	6238	6945	1951	
##	Somewhat like me	2334	1989	1447	1836	1193	618	
##	A little like me	453	586	463	635	158	212	
##	Not like me	178	307	123	93	63	52	
##	Not like me at all	55	58	38	25	13	20	
##	<NA>	147	212	117	1266	140	144	
##								
##		Ukraine	United Kingdom					
##	Very much like me	2515	6593					
##	Like me	3258	9186					
##	Somewhat like me	2211	2270					
##	A little like me	1223	1030					
##	Not like me	332	211					
##	Not like me at all	95	32					
##	<NA>	353	508					
##								
##		Austria	Belgium	Bulgaria	Croatia	Cyprus	Czechia	
##	Very much like me	4.48	4.27	2.76	0.77	1.62	2.90	
##	Like me	2.85	4.81	2.50	0.76	1.35	4.14	
##	Somewhat like me	2.34	2.55	2.48	0.73	0.75	6.59	
##	A little like me	2.34	0.88	1.75	0.99	0.56	6.44	
##	Not like me	2.10	1.58	2.38	0.52	0.40	6.51	
##	Not like me at all	4.53	1.39	3.41	0.63	0.14	7.38	
##								
##		Denmark	Estonia	Finland	France	Germany	Greece	Hungary
##	Very much like me	4.04	2.62	4.60	5.25	7.89	3.07	4.23
##	Like me	2.50	4.83	4.20	3.21	6.89	2.35	2.95
##	Somewhat like me	0.94	3.96	3.73	4.60	3.30	1.80	3.66
##	A little like me	0.91	3.19	2.70	5.61	2.18	1.30	3.68
##	Not like me	0.42	3.40	2.46	3.04	3.34	1.30	3.94
##	Not like me at all	0.42	3.27	3.41	4.18	3.48	1.74	5.50
##								
##		Iceland	Ireland	Israel	Italy	Lithuania	Luxembourg	
##	Very much like me	0.88	4.63	4.89	1.20	0.84	0.45	

##	Like me	0.42	4.61	2.75	1.51	1.34	0.41	
##	Somewhat like me	0.24	4.68	2.82	2.64	3.78	0.33	
##	A little like me	0.16	6.97	3.25	1.47	8.78	0.35	
##	Not like me	0.06	6.21	3.10	0.94	11.95	0.38	
##	Not like me at all	0.07	4.32	2.86	1.67	8.64	0.35	
##								
##		Netherlands	Norway	Poland	Portugal	RS	Russia	
##	Very much like me	2.73	3.10	3.16	2.82	0.65	2.51	
##	Like me	5.12	3.92	4.65	3.11	0.49	2.82	
##	Somewhat like me	5.34	3.09	3.73	7.07	0.26	4.52	
##	A little like me	2.25	4.20	2.96	6.77	0.39	4.40	
##	Not like me	3.76	2.32	2.62	3.62	0.54	6.01	
##	Not like me at all	4.87	0.63	2.72	3.06	0.77	7.17	
##								
##		Slovakia	Slovenia	Spain	Sweden	Switzerland	Turkey	
##	Very much like me	1.13	2.05	4.71	3.14	5.04	0.93	
##	Like me	2.32	3.58	3.91	3.55	3.95	1.11	
##	Somewhat like me	4.04	3.44	2.51	3.18	2.07	1.07	
##	A little like me	2.43	3.14	2.48	3.40	0.85	1.14	
##	Not like me	3.56	6.13	2.46	1.86	1.26	1.04	
##	Not like me at all	3.83	4.04	2.65	1.74	0.91	1.39	
##								
##		Ukraine	United Kingdom					
##	Very much like me	1.84	4.82					
##	Like me	1.85	5.23					
##	Somewhat like me	3.83	3.93					
##	A little like me	6.55	5.52					
##	Not like me	6.63	4.21					
##	Not like me at all	6.62	2.23					
##	[1] "ipeqopt : Important that people are treated equally and have equal opportunities"							
##								
##		Austria	Belgium	Bulgaria	Croatia	Cyprus	Czechia	
##	Very much like me	4362	4535	2853	1002	2145	3484	
##	Like me	5003	7827	3462	1236	2417	6383	
##	Somewhat like me	2555	2835	2278	489	443	4246	
##	A little like me	817	503	775	260	111	1613	
##	Not like me	240	279	481	65	30	656	
##	Not like me at all	108	47	182	20	5	147	
##	<NA>	137	84	491	61	39	1085	
##								
##		Denmark	Estonia	Finland	France	Germany	Greece	Hungary
##	Very much like me	3230	2313	5636	8179	7884	4560	4786
##	Like me	3939	6828	6718	4792	11583	3704	5148
##	Somewhat like me	1783	3539	2806	2467	3706	1026	2513
##	A little like me	1052	1294	909	966	1232	286	972
##	Not like me	522	992	339	242	807	100	484
##	Not like me at all	96	167	122	92	178	28	166
##	<NA>	214	181	1425	323	310	55	761
##								
##		Iceland	Ireland	Israel	Italy	Lithuania	Luxembourg	
##	Very much like me	818	6746	5740	1579	1800	618	
##	Like me	827	7359	4633	2121	2479	684	
##	Somewhat like me	317	2852	2168	1844	2041	211	
##	A little like me	115	1366	984	440	1310	69	

##	Not like me	37	414	413	124	352	26	
##	Not like me at all	4	111	93	38	68	6	
##	<NA>	93	1615	879	1392	108	1573	
##								
##		Netherlands	Norway	Poland	Portugal	RS	Russia	
##	Very much like me	4238	3439	4564	4118	659	3190	
##	Like me	8476	6213	7774	4943	843	4527	
##	Somewhat like me	2904	2251	2111	4080	241	2792	
##	A little like me	493	1417	649	1433	127	1045	
##	Not like me	311	433	255	256	91	526	
##	Not like me at all	128	55	75	61	32	152	
##	<NA>	309	846	196	97	50	226	
##								
##		Slovakia	Slovenia	Spain	Sweden	Switzerland	Turkey	
##	Very much like me	2539	4178	7050	4486	5281	1226	
##	Like me	4225	6115	6326	5596	6745	1914	
##	Somewhat like me	1478	1098	1383	1896	2052	667	
##	A little like me	274	314	400	832	649	218	
##	Not like me	94	264	169	247	416	79	
##	Not like me at all	30	59	51	67	86	29	
##	<NA>	151	204	122	1266	173	139	
##								
##		Ukraine	United Kingdom					
##	Very much like me	2549	6042					
##	Like me	2953	8054					
##	Somewhat like me	2093	2843					
##	A little like me	1282	1599					
##	Not like me	539	654					
##	Not like me at all	141	108					
##	<NA>	430	530					
##								
##		Austria	Belgium	Bulgaria	Croatia	Cyprus	Czechia	
##	Very much like me	3.47	3.60	2.27	0.80	1.70	2.77	
##	Like me	3.09	4.84	2.14	0.76	1.49	3.94	
##	Somewhat like me	3.76	4.17	3.35	0.72	0.65	6.24	
##	A little like me	3.17	1.95	3.00	1.01	0.43	6.25	
##	Not like me	2.19	2.55	4.40	0.59	0.27	6.00	
##	Not like me at all	3.92	1.71	6.61	0.73	0.18	5.34	
##								
##		Denmark	Estonia	Finland	France	Germany	Greece	Hungary
##	Very much like me	2.57	1.84	4.48	6.50	6.27	3.62	3.80
##	Like me	2.43	4.22	4.15	2.96	7.16	2.29	3.18
##	Somewhat like me	2.62	5.20	4.13	3.63	5.45	1.51	3.70
##	A little like me	4.08	5.01	3.52	3.74	4.77	1.11	3.77
##	Not like me	4.77	9.07	3.10	2.21	7.38	0.91	4.43
##	Not like me at all	3.49	6.07	4.43	3.34	6.47	1.02	6.03
##								
##		Iceland	Ireland	Israel	Italy	Lithuania	Luxembourg	
##	Very much like me	0.65	5.36	4.56	1.25	1.43	0.49	
##	Like me	0.51	4.55	2.86	1.31	1.53	0.42	
##	Somewhat like me	0.47	4.19	3.19	2.71	3.00	0.31	
##	A little like me	0.45	5.29	3.81	1.71	5.08	0.27	
##	Not like me	0.34	3.79	3.78	1.13	3.22	0.24	
##	Not like me at all	0.15	4.03	3.38	1.38	2.47	0.22	


```

##
##      Netherlands Norway Poland Portugal  RS Russia
##  Very much like me      3.37  2.73  3.63      3.27 0.52  2.54
##  Like me                5.24  3.84  4.80      3.05 0.52  2.80
##  Somewhat like me      4.27  3.31  3.10      6.00 0.35  4.11
##  A little like me      1.91  5.49  2.51      5.55 0.49  4.05
##  Not like me           2.84  3.96  2.33      2.34 0.83  4.81
##  Not like me at all    4.65  2.00  2.73      2.22 1.16  5.52
##
##      Slovakia Slovenia Spain Sweden Switzerland Turkey
##  Very much like me      2.02  3.32  5.60  3.57      4.20  0.97
##  Like me                2.61  3.78  3.91  3.46      4.17  1.18
##  Somewhat like me      2.17  1.61  2.03  2.79      3.02  0.98
##  A little like me      1.06  1.22  1.55  3.22      2.51  0.84
##  Not like me           0.86  2.41  1.55  2.26      3.80  0.72
##  Not like me at all    1.09  2.14  1.85  2.43      3.12  1.05
##
##      Ukraine United Kingdom
##  Very much like me      2.03      4.80
##  Like me                1.82      4.98
##  Somewhat like me      3.08      4.18
##  A little like me      4.97      6.20
##  Not like me           4.93      5.98
##  Not like me at all    5.12      3.92
## [1] "ipudrst : Important to understand different people"
##
##      Austria Belgium Bulgaria Croatia Cyprus Czechia
##  Very much like me      2864  2710  1628  528  1251  1651
##  Like me                5066  7858  3315  1142  2530  5154
##  Somewhat like me      3348  4039  2966  735  890  5609
##  A little like me      1216  950  1247  465  303  2678
##  Not like me           410  386  540  145  122  1048
##  Not like me at all    152  72  197  35  26  294
##  <NA>                  166  95  629  83  68  1180
##
##      Denmark Estonia Finland France Germany Greece Hungary
##  Very much like me      2260  2074  3635  4798  5659  2742  2498
##  Like me                4587  7487  7480  5593  12857  4318  5141
##  Somewhat like me      2193  3661  3919  3613  4614  1756  3858
##  A little like me      1140  1265  1107  2103  1463  588  1676
##  Not like me           401  556  309  487  650  240  680
##  Not like me at all     63  108  65  154  132  50  216
##  <NA>                  192  163  1440  313  325  65  761
##
##      Iceland Ireland Israel Italy Lithuania Luxembourg
##  Very much like me      549  4153  4245  1068  489  407
##  Like me                903  7895  5365  2198  1806  732
##  Somewhat like me      427  3975  2683  2022  2337  276
##  A little like me      186  1999  1164  632  2042  132
##  Not like me           49  667  460  138  1118  54
##  Not like me at all     6  138  121  43  247  13
##  <NA>                  91  1636  872  1437  119  1573
##
##      Netherlands Norway Poland Portugal  RS Russia

```

##	Very much like me	2221	1969	2396	1825	525	2004	
##	Like me	8032	6272	7053	4433	841	4117	
##	Somewhat like me	4649	3434	3499	5362	323	3593	
##	A little like me	1089	1772	1531	2428	166	1419	
##	Not like me	452	368	641	638	99	797	
##	Not like me at all	112	21	102	113	42	205	
##	<NA>	304	818	402	189	47	323	
##								
##		Slovakia	Slovenia	Spain	Sweden	Switzerland	Turkey	
##	Very much like me	938	2052	4349	2346	4088	973	
##	Like me	3296	6367	7077	5327	7626	1843	
##	Somewhat like me	3031	2290	2613	3306	2601	846	
##	A little like me	882	741	878	1650	634	317	
##	Not like me	340	480	342	424	260	112	
##	Not like me at all	87	83	75	64	44	32	
##	<NA>	217	219	167	1273	149	149	
##								
##		Ukraine	United Kingdom					
##	Very much like me	1953	3835					
##	Like me	2852	9087					
##	Somewhat like me	2375	3663					
##	A little like me	1585	1949					
##	Not like me	594	673					
##	Not like me at all	148	103					
##	<NA>	480	520					
##								
##		Austria	Belgium	Bulgaria	Croatia	Cyprus	Czechia	
##	Very much like me	3.73	3.53	2.12	0.69	1.63	2.15	
##	Like me	3.06	4.74	2.00	0.69	1.53	3.11	
##	Somewhat like me	3.54	4.27	3.14	0.78	0.94	5.94	
##	A little like me	3.09	2.41	3.17	1.18	0.77	6.80	
##	Not like me	2.79	2.63	3.68	0.99	0.83	7.14	
##	Not like me at all	4.52	2.14	5.86	1.04	0.77	8.74	
##								
##		Denmark	Estonia	Finland	France	Germany	Greece	Hungary
##	Very much like me	2.95	2.70	4.74	6.26	7.38	3.58	3.26
##	Like me	2.77	4.52	4.52	3.38	7.76	2.61	3.10
##	Somewhat like me	2.32	3.87	4.15	3.82	4.88	1.86	4.08
##	A little like me	2.89	3.21	2.81	5.34	3.71	1.49	4.25
##	Not like me	2.73	3.79	2.10	3.32	4.43	1.63	4.63
##	Not like me at all	1.87	3.21	1.93	4.58	3.93	1.49	6.42
##								
##		Iceland	Ireland	Israel	Italy	Lithuania	Luxembourg	
##	Very much like me	0.72	5.42	5.54	1.39	0.64	0.53	
##	Like me	0.55	4.77	3.24	1.33	1.09	0.44	
##	Somewhat like me	0.45	4.21	2.84	2.14	2.47	0.29	
##	A little like me	0.47	5.07	2.95	1.60	5.18	0.34	
##	Not like me	0.33	4.54	3.13	0.94	7.62	0.37	
##	Not like me at all	0.18	4.10	3.60	1.28	7.34	0.39	
##								
##		Netherlands	Norway	Poland	Portugal	RS	Russia	
##	Very much like me	2.90	2.57	3.12	2.38	0.68	2.61	
##	Like me	4.85	3.79	4.26	2.68	0.51	2.49	
##	Somewhat like me	4.92	3.63	3.70	5.67	0.34	3.80	

```

## A little like me      2.76  4.50  3.89      6.16 0.42  3.60
## Not like me          3.08  2.51  4.37      4.35 0.67  5.43
## Not like me at all   3.33  0.62  3.03      3.36 1.25  6.10
##
##
## Slovakia Slovenia Spain Sweden Switzerland Turkey
## Very much like me    1.22  2.68  5.67  3.06      5.33  1.27
## Like me              1.99  3.84  4.27  3.22      4.60  1.11
## Somewhat like me     3.21  2.42  2.76  3.50      2.75  0.90
## A little like me     2.24  1.88  2.23  4.19      1.61  0.80
## Not like me          2.32  3.27  2.33  2.89      1.77  0.76
## Not like me at all   2.59  2.47  2.23  1.90      1.31  0.95
##
##
## Ukraine United Kingdom
## Very much like me    2.55      5.00
## Like me              1.72      5.49
## Somewhat like me     2.51      3.88
## A little like me     4.02      4.95
## Not like me          4.05      4.58
## Not like me at all   4.40      3.06
## [1] "impenv : Important to care for nature and environment"
##
##
## Austria Belgium Bulgaria Croatia Cyprus Czechia
## Very much like me    4405  4415  3418  774  1873  4020
## Like me              5010  7429  3944  1089  2060  6091
## Somewhat like me     2474  3188  1794  659  832  4374
## A little like me     849  737  558  361  287  1541
## Not like me          262  221  161  100  63  510
## Not like me at all   97  53  58  26  14  127
## <NA>                 125  67  589  124  61  951
##
##
## Denmark Estonia Finland France Germany Greece Hungary
## Very much like me    3234  4596  5817  5841  7390  4112  5963
## Like me              4365  7214  6429  5215  11071  3867  5123
## Somewhat like me     1990  2405  3106  2987  4624  1229  2090
## A little like me     798  677  858  2021  1577  367  608
## Not like me          221  228  251  525  619  95  194
## Not like me at all   44  69  78  140  133  22  76
## <NA>                 184  125  1416  332  286  67  776
##
##
## Iceland Ireland Israel Italy Lithuania Luxembourg
## Very much like me    547  5846  4653  2257  2075  524
## Like me              723  7097  4830  2203  2571  605
## Somewhat like me     472  3447  2579  1323  1846  275
## A little like me     244  1751  1252  305  1227  166
## Not like me          122  560  465  58  293  39
## Not like me at all   12  114  120  16  47  6
## <NA>                 91  1648  1011  1376  99  1572
##
##
## Netherlands Norway Poland Portugal RS Russia
## Very much like me    3637  2593  4351  2941  839  4080
## Like me              7592  5432  7396  4940  750  4421
## Somewhat like me     4040  3182  2638  4990  223  2477
## A little like me     829  1932  745  1653  120  904
## Not like me          290  611  214  250  54  283

```

##	Not like me at all	108	74	50	39	17	99	
##	<NA>	363	830	230	175	40	194	
##								
##		Slovakia	Slovenia	Spain	Sweden	Switzerland	Turkey	
##	Very much like me	2050	4402	5401	3170	5975	1279	
##	Like me	3781	5554	6580	4987	6393	1884	
##	Somewhat like me	2051	1508	2262	3006	2240	657	
##	A little like me	541	401	821	1465	511	220	
##	Not like me	155	160	236	414	146	56	
##	Not like me at all	63	29	54	90	33	23	
##	<NA>	150	178	147	1258	104	153	
##								
##		Ukraine	United Kingdom					
##	Very much like me	3094	5587					
##	Like me	3156	7632					
##	Somewhat like me	1919	3455					
##	A little like me	1058	1926					
##	Not like me	290	628					
##	Not like me at all	102	106					
##	<NA>	368	496					
##								
##		Austria	Belgium	Bulgaria	Croatia	Cyprus	Czechia	
##	Very much like me	3.64	3.64	2.82	0.64	1.55	3.32	
##	Like me	3.18	4.72	2.51	0.69	1.31	3.87	
##	Somewhat like me	3.24	4.18	2.35	0.86	1.09	5.73	
##	A little like me	2.90	2.51	1.90	1.23	0.98	5.26	
##	Not like me	2.99	2.52	1.83	1.14	0.72	5.81	
##	Not like me at all	4.53	2.48	2.71	1.22	0.65	5.94	
##								
##		Denmark	Estonia	Finland	France	Germany	Greece	Hungary
##	Very much like me	2.67	3.79	4.80	4.82	6.10	3.39	4.92
##	Like me	2.77	4.58	4.08	3.31	7.03	2.46	3.25
##	Somewhat like me	2.61	3.15	4.07	3.91	6.06	1.61	2.74
##	A little like me	2.72	2.31	2.93	6.90	5.38	1.25	2.07
##	Not like me	2.52	2.60	2.86	5.98	7.05	1.08	2.21
##	Not like me at all	2.06	3.23	3.65	6.55	6.22	1.03	3.55
##								
##		Iceland	Ireland	Israel	Italy	Lithuania	Luxembourg	
##	Very much like me	0.45	4.83	3.84	1.86	1.71	0.43	
##	Like me	0.46	4.51	3.07	1.40	1.63	0.38	
##	Somewhat like me	0.62	4.52	3.38	1.73	2.42	0.36	
##	A little like me	0.83	5.97	4.27	1.04	4.19	0.57	
##	Not like me	1.39	6.38	5.30	0.66	3.34	0.44	
##	Not like me at all	0.56	5.33	5.61	0.75	2.20	0.28	
##								
##		Netherlands	Norway	Poland	Portugal	RS	Russia	
##	Very much like me	3.00	2.14	3.59	2.43	0.69	3.37	
##	Like me	4.82	3.45	4.70	3.14	0.48	2.81	
##	Somewhat like me	5.29	4.17	3.46	6.54	0.29	3.24	
##	A little like me	2.83	6.59	2.54	5.64	0.41	3.08	
##	Not like me	3.31	6.96	2.44	2.85	0.62	3.23	
##	Not like me at all	5.05	3.46	2.34	1.82	0.79	4.63	
##								
##		Slovakia	Slovenia	Spain	Sweden	Switzerland	Turkey	

##	Very much like me	1.69	3.63	4.46	2.62	4.93	1.06
##	Like me	2.40	3.53	4.18	3.17	4.06	1.20
##	Somewhat like me	2.69	1.98	2.96	3.94	2.93	0.86
##	A little like me	1.85	1.37	2.80	5.00	1.74	0.75
##	Not like me	1.77	1.82	2.69	4.72	1.66	0.64
##	Not like me at all	2.95	1.36	2.52	4.21	1.54	1.08
##							
##							
##							
##	Very much like me	2.55		4.61			
##	Like me	2.00		4.85			
##	Somewhat like me	2.51		4.53			
##	A little like me	3.61		6.57			
##	Not like me	3.31		7.16			
##	Not like me at all	4.77		4.96			
##	[1] "impdiff : Important to try new and different things in life"						
##							
##							
##							
##	Very much like me	1856	2258	1221	317	896	1791
##	Like me	3064	4943	2206	584	1431	4142
##	Somewhat like me	3334	4393	2588	608	1104	4589
##	A little like me	2802	2549	1784	611	743	3163
##	Not like me	1477	1579	1455	600	713	2075
##	Not like me at all	572	304	697	314	249	759
##	<NA>	117	84	571	99	54	1095
##							
##							
##							
##	Very much like me	1572	1487	2282	3198	3041	1805
##	Like me	2362	4154	4838	3846	7513	2924
##	Somewhat like me	2349	4017	4719	3319	6415	2346
##	A little like me	2187	2445	2631	3527	4148	1426
##	Not like me	1865	2557	1640	2363	3502	895
##	Not like me at all	313	474	403	487	778	290
##	<NA>	188	180	1442	321	303	73
##							
##							
##							
##	Very much like me	288	3002	3004	846	718	332
##	Like me	477	5343	3566	1601	1510	513
##	Somewhat like me	505	4226	2931	1845	1720	309
##	A little like me	438	2995	2323	1179	1815	261
##	Not like me	380	2637	1688	434	1775	158
##	Not like me at all	33	636	478	227	515	41
##	<NA>	90	1624	920	1406	105	1573
##							
##							
##							
##	Very much like me	2013	1383	1954	1243	368	1436
##	Like me	5033	2912	4959	3043	531	2576
##	Somewhat like me	4805	3260	3540	4505	354	3114
##	A little like me	2714	3005	2441	3547	261	2115
##	Not like me	1600	2976	2018	1936	336	2081
##	Not like me at all	399	282	455	563	125	864
##	<NA>	295	836	257	151	68	272
##							
##							
##							
##	Very much like me	943	2333	2462	1416	2332	834

##	Like me	2426	4958	4257	2959	4751	1391
##	Somewhat like me	2590	2541	3364	3421	3805	916
##	A little like me	1492	1075	2332	2955	2311	517
##	Not like me	932	955	2254	2047	1726	323
##	Not like me at all	248	166	682	335	318	120
##	<NA>	160	204	150	1257	159	171
##							
##		Ukraine United Kingdom					
##	Very much like me	1186		2681			
##	Like me	1824		5637			
##	Somewhat like me	1924		3984			
##	A little like me	1964		3538			
##	Not like me	1849		3054			
##	Not like me at all	764		433			
##	<NA>	476		503			
##							
##		Austria Belgium Bulgaria Croatia Cyprus Czechia					
##	Very much like me	3.37	4.10	2.22	0.58	1.63	3.25
##	Like me	2.88	4.65	2.07	0.55	1.35	3.89
##	Somewhat like me	3.45	4.54	2.68	0.63	1.14	4.74
##	A little like me	4.03	3.67	2.57	0.88	1.07	4.55
##	Not like me	2.77	2.96	2.73	1.13	1.34	3.89
##	Not like me at all	4.14	2.20	5.04	2.27	1.80	5.49
##							
##		Denmark Estonia Finland France Germany Greece Hungary					
##	Very much like me	2.86	2.70	4.14	5.81	5.52	3.28 4.65
##	Like me	2.22	3.91	4.55	3.62	7.06	2.75 3.86
##	Somewhat like me	2.43	4.15	4.88	3.43	6.63	2.43 3.40
##	A little like me	3.15	3.52	3.79	5.08	5.97	2.05 3.10
##	Not like me	3.50	4.80	3.08	4.43	6.57	1.68 2.70
##	Not like me at all	2.26	3.43	2.91	3.52	5.63	2.10 3.67
##							
##		Iceland Ireland Israel Italy Lithuania Luxembourg					
##	Very much like me	0.52	5.45	5.46	1.54	1.30	0.60
##	Like me	0.45	5.02	3.35	1.51	1.42	0.48
##	Somewhat like me	0.52	4.37	3.03	1.91	1.78	0.32
##	A little like me	0.63	4.31	3.34	1.70	2.61	0.38
##	Not like me	0.71	4.95	3.17	0.81	3.33	0.30
##	Not like me at all	0.24	4.60	3.46	1.64	3.72	0.30
##							
##		Netherlands Norway Poland Portugal RS Russia					
##	Very much like me	3.66	2.51	3.55	2.26	0.67	2.61
##	Like me	4.73	2.74	4.66	2.86	0.50	2.42
##	Somewhat like me	4.97	3.37	3.66	4.66	0.37	3.22
##	A little like me	3.91	4.33	3.51	5.11	0.38	3.05
##	Not like me	3.00	5.58	3.78	3.63	0.63	3.90
##	Not like me at all	2.88	2.04	3.29	4.07	0.90	6.25
##							
##		Slovakia Slovenia Spain Sweden Switzerland Turkey					
##	Very much like me	1.71	4.24	4.47	2.57	4.24	1.51
##	Like me	2.28	4.66	4.00	2.78	4.47	1.31
##	Somewhat like me	2.68	2.63	3.48	3.54	3.93	0.95
##	A little like me	2.15	1.55	3.36	4.25	3.33	0.74
##	Not like me	1.75	1.79	4.23	3.84	3.24	0.61

```
## Not like me at all      1.79      1.20  4.93   2.42          2.30   0.87
##
##               Ukraine United Kingdom
## Very much like me      2.15          4.87
## Like me                1.71          5.30
## Somewhat like me       1.99          4.12
## A little like me        2.83          5.09
## Not like me            3.47          5.73
## Not like me at all     5.52          3.13
```

```
ds_filtrada <- ds %>% filter(essround %in% round & cntry %in%
                           c("Belgium","France","Norway","Slovenia","Hungary"))
#,"Poland","Austria","Estonia","Finland","Germany","Israel"
# "Ireland","Italy","Netherlands","Poland","Switzerland","United Kingdom"
ds_filtrada <- copy_labels(ds_filtrada, ds)
#Assign weight and survey structure for ESS data
ds %>% group_by(cntry) %>%
  summarise(pesos=round(sum(dweight),0), n=n(), diff=n-pesos) %>%
  summarise(Diff_Pesos_N=sum(diff))
```

```
## # A tibble: 1 x 1
##   Diff_Pesos_N
##         <dbl>
## 1           0
```

```
survey.design <- svydesign(ids=~idno, prob=~dweight, data=ds_filtrada)
```

```
modell1<-'
achiev =~ ipshabt + ipsuces
benev =~ iphlppl + iplylfr
confo =~ ipfrule + ipbhprp
hedon =~ ipgdtim + impfun
power =~ imprich + iprspot
secur =~ impsafe + ipstrgv
selfd =~ ipcrtiv + impfree
stimu =~ impdiff + ipadvnt
tradi =~ ipmodst + imptrad
unive =~ ipeqopt + ipudrst +impenv'
```

```
lavaan.fit1 <- lavaan(modell1, data=ds_filtrada, auto.fix.first=TRUE,
                      auto.var=TRUE, int.ov.free=TRUE,
                      auto.cov.lv.x=TRUE, estimator="MLM",
                      cluster = "cntry", meanstructure=TRUE)
```

```
survey.fit1 <- lavaan.survey(lavaan.fit=lavaan.fit1,survey.design=survey.design)
fitMeasures(survey.fit1, c("cfi", "rmsea", "srmr"))
```

```
##   cfi rmsea srmr
## 0.885 0.063 0.048
```

```
modell3<-'
benev =~ iphlppl + iplylfr + impdiff
unive =~ ipeqopt + ipudrst +impenv + impdiff
'
```

```
lavaan.fit3 <- lavaan(modell3, data=ds_filtrada, auto.fix.first=TRUE,
                      auto.var=TRUE, int.ov.free=TRUE,
```

```

auto.cov.lv.x=TRUE,estimator="MLM",
cluster = "cntry", meanstructure=TRUE)

survey.fit3 <- lavaan.survey(lavaan.fit=lavaan.fit3,survey.design=survey.design)
fitMeasures(survey.fit3, c("cfi", "rmsea", "srmr"))

##   cfi rmsea srmr
## 0.987 0.040 0.015

modindices(survey.fit3,sort=T)[1:10,]

##      lhs op      rhs      mi      epc sepc.lv sepc.all sepc.nox
## 44 ipudrst ~~ impenv 58.498 -0.099 -0.099 -0.130 -0.130
## 39 impdiff ~~ ipeqopt 29.987 -0.083 -0.083 -0.077 -0.077
## 42 ipeqopt ~~ ipudrst 22.968 0.061 0.061 0.085 0.085
## 38 iplylfr ~~ impenv 21.156 0.044 0.044 0.066 0.066
## 25 benev == ipeqopt 18.763 -0.427 -0.301 -0.296 -0.296
## 27 benev == impenv 12.375 0.352 0.249 0.233 0.233
## 40 impdiff ~~ ipudrst 9.726 0.051 0.051 0.050 0.050
## 36 iplylfr ~~ ipeqopt 9.383 -0.028 -0.028 -0.044 -0.044
## 43 ipeqopt ~~ impenv 9.092 0.035 0.035 0.043 0.043
## 41 impdiff ~~ impenv 4.483 0.033 0.033 0.029 0.029

summary(survey.fit3, fit.measures = TRUE, standardized=TRUE, rsquare=T)

## lavaan 0.6-5 ended normally after 37 iterations
##
## Estimator ML
## Optimization method NLMINB
## Number of free parameters 20
##
## Number of observations 8036
##
## Model Test User Model:
## Standard Robust
## Test Statistic 95.163 67.017
## Degrees of freedom 7 7
## P-value (Chi-square) 0.000 0.000
## Scaling correction factor 1.420
## for the Satorra-Bentler correction
##
## Model Test Baseline Model:
##
## Test statistic 6816.873 4583.210
## Degrees of freedom 15 15
## P-value 0.000 0.000
## Scaling correction factor 1.487
##
## User Model versus Baseline Model:
##
## Comparative Fit Index (CFI) 0.987 0.987
## Tucker-Lewis Index (TLI) 0.972 0.972
##
## Robust Comparative Fit Index (CFI) 0.987
## Robust Tucker-Lewis Index (TLI) 0.973

```



```

##
## Loglikelihood and Information Criteria:
##
##   Loglikelihood user model (H0)          -67028.726   -67028.726
##   Loglikelihood unrestricted model (H1)   -66981.144   -66981.144
##
##   Akaike (AIC)                          134097.452   134097.452
##   Bayesian (BIC)                        134237.286   134237.286
##   Sample-size adjusted Bayesian (BIC)    134173.729   134173.729
##
## Root Mean Square Error of Approximation:
##
##   RMSEA                                0.040         0.033
##   90 Percent confidence interval - lower  0.033         0.027
##   90 Percent confidence interval - upper  0.047         0.039
##   P-value RMSEA <= 0.05                 0.991         1.000
##
##   Robust RMSEA                          0.039
##   90 Percent confidence interval - lower  0.031
##   90 Percent confidence interval - upper  0.048
##
## Standardized Root Mean Square Residual:
##
##   SRMR                                0.015         0.015
##
## Parameter Estimates:
##
##   Information                          Expected
##   Information saturated (h1) model      Structured
##   Standard errors                      Robust.cluster.sem
##
## Latent Variables:
##
##           Estimate  Std.Err  z-value  P(>|z|)  Std.lv  Std.all
##   benev =~
##     iphlppl         1.000           0.706    0.734
##     iplylfr         0.722    0.024   29.489    0.000    0.509    0.574
##     impdiff         0.168    0.125    1.349    0.177    0.119    0.088
##   unive =~
##     ipeqopt         1.000           0.521    0.512
##     ipudrst         1.183    0.043   27.312    0.000    0.617    0.600
##     impenv          1.013    0.040   25.146    0.000    0.528    0.495
##     impdiff         0.810    0.174    4.647    0.000    0.422    0.314
##
## Covariances:
##
##           Estimate  Std.Err  z-value  P(>|z|)  Std.lv  Std.all
##   benev ~~
##     unive           0.319    0.012   25.749    0.000    0.867    0.867
##
## Intercepts:
##
##           Estimate  Std.Err  z-value  P(>|z|)  Std.lv  Std.all
##   .iphlppl         2.111    0.011  185.936    0.000    2.111    2.194
##   .iplylfr         1.858    0.010  180.647    0.000    1.858    2.094
##   .impdiff         2.902    0.015  190.041    0.000    2.902    2.160
##   .ipeqopt         2.046    0.012  174.988    0.000    2.046    2.009

```

```
##      .ipudrst      2.308    0.012  192.541    0.000    2.308    2.247
##      .impenv      2.175    0.013  172.825    0.000    2.175    2.041
##      benev        0.000
##      unive        0.000
##
## Variances:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .iphlppl    0.427    0.019   22.123    0.000    0.427    0.462
##      .iplylfr    0.528    0.017   31.958    0.000    0.528    0.670
##      .impdiff    1.526    0.027   57.393    0.000    1.526    0.845
##      .ipeqopt    0.765    0.021   36.576    0.000    0.765    0.738
##      .ipudrst    0.675    0.020   34.538    0.000    0.675    0.640
##      .impenv     0.857    0.021   40.778    0.000    0.857    0.755
##      benev       0.498    0.022   22.738    0.000    1.000    1.000
##      unive       0.272    0.016   17.006    0.000    1.000    1.000
##
## R-Square:
##      Estimate
##      iphlpppl    0.538
##      iplylfr     0.330
##      impdiff     0.155
##      ipeqopt     0.262
##      ipudrst     0.360
##      impenv      0.245
```

```
round(cov(ds_filtrada[,items], use="complete.obs"),3)
```

```
##      iphlpppl iplylfr ipeqopt ipudrst impenv impdiff
## iphlpppl  0.912  0.353  0.309  0.372  0.324  0.342
## iplylfr   0.353  0.769  0.206  0.265  0.260  0.217
## ipeqopt   0.309  0.206  1.032  0.338  0.296  0.224
## ipudrst   0.372  0.265  0.338  1.041  0.281  0.337
## impenv    0.324  0.260  0.296  0.281  1.136  0.304
## impdiff   0.342  0.217  0.224  0.337  0.304  1.779
```

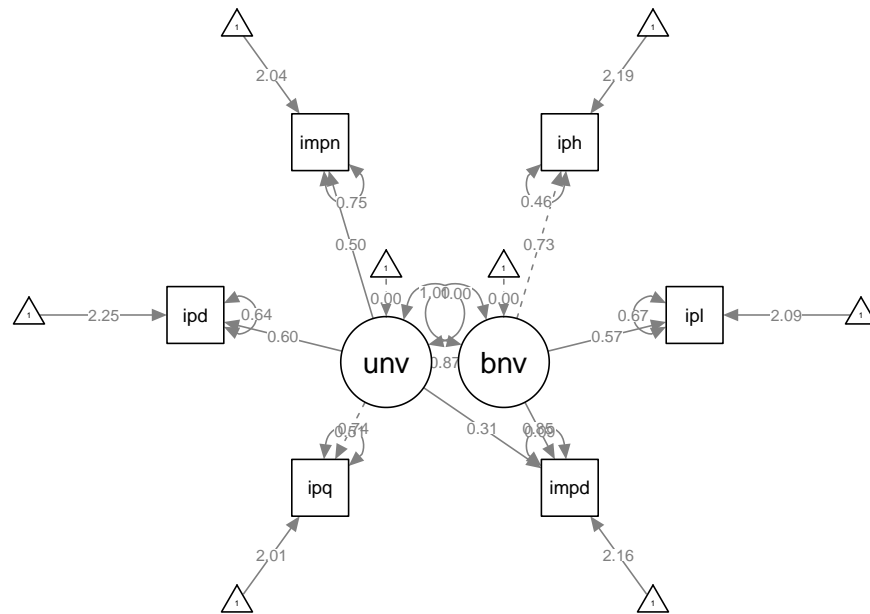
```
round(colMeans(ds_filtrada[,items], na.rm = TRUE),3)
```

```
## iphlpppl iplylfr ipeqopt ipudrst impenv impdiff
## 2.116 1.866 2.053 2.316 2.182 2.899
```

```
fitted(survey.fit3)
```

```
## $cov
##      iphlpp iplylf impdff ipeqpt ipdrst impenv
## iphlpppl 0.926
## iplylfr 0.360 0.787
## impdiff 0.342 0.247 1.805
## ipeqopt 0.319 0.230 0.274 1.037
## ipudrst 0.377 0.272 0.324 0.321 1.055
## impenv 0.323 0.233 0.277 0.275 0.326 1.136
##
## $mean
## iphlpppl iplylfr impdiff ipeqopt ipudrst impenv
## 2.111 1.858 2.902 2.046 2.308 2.175
```

```
semPaths(survey.fit3,"model","stand", layout = "circle", rainbowStart = 0.8)
```



```
autoinvar <- measurementInvariance(model=model3, group="cntry", data=ds_filtrada)
```

```
##
## Measurement invariance models:
##
## Model 1 : fit.configural
## Model 2 : fit.loadings
## Model 3 : fit.intercepts
## Model 4 : fit.means
##
## Chi-Squared Difference Test
##
##           Df      AIC      BIC    Chisq Chisq diff Df diff Pr(>Chisq)
## fit.configural 35 130536 131235  146.86
## fit.loadings   55 130645 131204  296.02      149.16    20 < 2.2e-16 ***
## fit.intercepts 71 131475 131923 1158.11      862.10    16 < 2.2e-16 ***
## fit.means      79 131967 132359 1666.37      508.25     8 < 2.2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
##
## Fit measures:
##
##           cfi rmsea cfi.delta rmsea.delta
## fit.configural 0.984 0.045      NA      NA
## fit.loadings   0.966 0.052    0.018    0.008
```

```

## fit.intercepts 0.846 0.098      0.120      0.045
## fit.means      0.775 0.112      0.071      0.014

# 1. CONFIGURAL EQUIVALENCE
## Add the "meanstructure" argument to add means/intercepts
lavaan.conf3fit3 <- lavaan(model3, data=ds_filtrada, auto.var=TRUE, auto.fix.first=TRUE,
  estimator="MLM", group = "cntry", meanstructure=TRUE)
survey.conf3fit3 <- lavaan.survey(lavaan.fit=lavaan.conf3fit3, survey.design=survey.design)

# 2. METRIC EQUIVALENCE: set the factor loadings equal across groups

lavaan.metr3fit3 <- lavaan(model3, data=ds_filtrada, auto.var=TRUE, auto.fix.first=TRUE,
  estimator="MLM", group = "cntry", meanstructure=TRUE,
  group.equal=c("loadings"))
survey.metr3fit3 <- lavaan.survey(lavaan.fit=lavaan.metr3fit3, survey.design=survey.design)

# 3. SCALAR EQUIVALENCE: set the factor loadings and the intercepts equal across groups

lavaan.scal3fit3 <- lavaan(model3, data=ds_filtrada, auto.var=TRUE, auto.fix.first=TRUE,
  estimator="MLM", group = "cntry", meanstructure=TRUE,
  group.equal=c("loadings", "intercepts"))
survey.scal3fit3 <- lavaan.survey(lavaan.fit=lavaan.scal3fit3, survey.design=survey.design)

# 4. check whether factor variances are equal across groups
lavaan.varian3fit3 <- lavaan(model3, data=ds_filtrada, auto.var=TRUE, auto.fix.first=TRUE,
  estimator="MLM", group = "cntry", meanstructure=TRUE,
  group.equal=c("loadings", "intercepts", "lv.variances"))
survey.varian3fit3 <- lavaan.survey(lavaan.fit=lavaan.varian3fit3, survey.design=survey.design)

fitMeasures(survey.conf3fit3, c("cfi", "rmsea", "srmr"))

##   cfi rmsea srmr
## 0.000 0.591 3.376

fitMeasures(survey.metr3fit3, c("cfi", "rmsea", "srmr"))

##   cfi rmsea srmr
## 0.000 0.524 3.233

fitMeasures(survey.scal3fit3, c("cfi", "rmsea", "srmr"))

##   cfi rmsea srmr
## 0.000 0.309 1.021

fitMeasures(survey.varian3fit3, c("cfi", "rmsea", "srmr"))

##   cfi rmsea srmr
## 0.000 0.377 0.830

summary(survey.conf3fit3, standardized=TRUE, fit.measures=TRUE, rsquare=T)

## lavaan 0.6-5 ended normally after 362 iterations
##
##   Estimator                      ML
## Optimization method              NLMINB

```

```

##      Number of free parameters                65
##
##      Number of observations per group:
##      Group 1                                1756
##      Group 2                                2035
##      Group 3                                1444
##      Group 4                                1526
##      Group 5                                1275
##
## Model Test User Model:
##                                     Standard      Robust
##      Test Statistic                39303.054    54102.073
##      Degrees of freedom                70         70
##      P-value (Chi-square)            0.000        0.000
##      Scaling correction factor                0.726
##      for the Satorra-Bentler correction
##      Test statistic for each group:
##      Group 1                9429.315    12979.793
##      Group 2                8720.911    12004.648
##      Group 3                7130.623     9815.561
##      Group 4                7635.435    10510.451
##      Group 5                6386.770     8791.620
##
## Model Test Baseline Model:
##
##      Test statistic                7144.663    5005.463
##      Degrees of freedom                75         75
##      P-value                0.000        0.000
##      Scaling correction factor                1.427
##
## User Model versus Baseline Model:
##
##      Comparative Fit Index (CFI)                0.000        0.000
##      Tucker-Lewis Index (TLI)                -4.946    -10.742
##
##      Robust Comparative Fit Index (CFI)                0.000
##      Robust Tucker-Lewis Index (TLI)                -4.976
##
## Loglikelihood and Information Criteria:
##
##      Loglikelihood user model (H0)                -84731.096    -84731.096
##      Loglikelihood unrestricted model (H1)                -65079.569    -65079.569
##
##      Akaike (AIC)                169592.191    169592.191
##      Bayesian (BIC)                170046.651    170046.651
##      Sample-size adjusted Bayesian (BIC)                169840.094    169840.094
##
## Root Mean Square Error of Approximation:
##
##      RMSEA                0.591        0.693
##      90 Percent confidence interval - lower                0.586        0.687
##      90 Percent confidence interval - upper                0.595        0.699
##      P-value RMSEA <= 0.05                0.000        0.000
##

```

```

## Robust RMSEA                                0.591
## 90 Percent confidence interval - lower      0.586
## 90 Percent confidence interval - upper      0.595
##
## Standardized Root Mean Square Residual:
##
## SRMR                                3.376      3.376
##
## Parameter Estimates:
##
## Information                                Expected
## Information saturated (h1) model          Structured
## Standard errors                          Robust.sem
##
##
## Group 1 [Group 1]:
##
## Latent Variables:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
## benev =~
##   iphlppl      1.000
##   iplylfr      6.619    16.104    0.411    0.681    4.945    2.642
##   impdiff      0.019     0.006    3.305    0.001    0.014    0.005
## unive =~
##   ipeqopt      1.000
##   ipudrst      1.093     0.004   243.311    0.000    2.303    0.954
##   impenv       1.029     0.004   232.197    0.000    2.169    0.944
##   impdiff      1.348     0.006   220.614    0.000    2.841    0.924
##
## Intercepts:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##   .iphlppl      0.000
##   .iplylfr      0.000
##   .impdiff      0.000
##   .ipeqopt      0.000
##   .ipudrst      0.000
##   .impenv       0.000
##   benev         0.000
##   unive         0.000
##
## Variances:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##   .iphlppl      4.043    1.362    2.968    0.003    4.043    0.879
##   .iplylfr     -20.949   59.493   -0.352    0.725   -20.949   -5.980
##   .impdiff      1.377    0.059   23.310    0.000    1.377    0.146
##   .ipeqopt      0.548    0.035   15.649    0.000    0.548    0.110
##   .ipudrst      0.527    0.032   16.243    0.000    0.527    0.090
##   .impenv       0.577    0.034   16.830    0.000    0.577    0.109
##   benev         0.558    1.358    0.411    0.681    1.000    1.000
##   unive         4.441    0.027  163.268    0.000    1.000    1.000
##
## R-Square:
##      Estimate
##   iphlppl      0.121

```

```

##      iplylfr          NA
##      impdiff          0.854
##      ipeqopt          0.890
##      ipudrst          0.910
##      impenv           0.891
##
##
## Group 2 [Group 2]:
##
## Latent Variables:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      benev =~
##      iphlppl      1.000          2.344    0.952
##      iplylfr      0.833    0.011   73.931    0.000    1.952    0.929
##      impdiff      0.636    0.009   73.830    0.000    1.490    0.564
##      unive =~
##      ipeqopt      1.000          2.035    0.912
##      ipudrst      1.188    0.008  157.330    0.000    2.418    0.938
##      impenv       1.142    0.008  136.535    0.000    2.325    0.903
##      impdiff      0.840    0.008  106.201    0.000    1.710    0.647
##
## Intercepts:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .iphlppl      0.000          0.000    0.000
##      .iplylfr      0.000          0.000    0.000
##      .impdiff      0.000          0.000    0.000
##      .ipeqopt      0.000          0.000    0.000
##      .ipudrst      0.000          0.000    0.000
##      .impenv       0.000          0.000    0.000
##      benev         0.000          0.000    0.000
##      unive         0.000          0.000    0.000
##
## Variances:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .iphlppl      0.572    0.080    7.187    0.000    0.572    0.094
##      .iplylfr      0.602    0.055   11.028    0.000    0.602    0.136
##      .impdiff      1.847    0.074   25.117    0.000    1.847    0.264
##      .ipeqopt      0.832    0.048   17.278    0.000    0.832    0.167
##      .ipudrst      0.797    0.055   14.490    0.000    0.797    0.120
##      .impenv       1.218    0.062   19.562    0.000    1.218    0.184
##      benev         5.496    0.081   67.580    0.000    1.000    1.000
##      unive         4.141    0.039  104.988    0.000    1.000    1.000
##
## R-Square:
##      Estimate
##      iphlppl      0.906
##      iplylfr      0.864
##      impdiff      0.736
##      ipeqopt      0.833
##      ipudrst      0.880
##      impenv       0.816
##
## Group 3 [Group 3]:

```

```

##
## Latent Variables:
##      Estimate   Std.Err   z-value   P(>|z|)   Std.lv   Std.all
##      benev =~
##      iphlppl      1.000
##      iplylfr      1.750    3.433    0.510    0.610    2.834    1.349
##      impdiff     -0.006    0.008   -0.813    0.416   -0.010   -0.003
##      unive =~
##      ipeqopt      1.000
##      ipudrst      1.116    0.007  162.865    0.000    2.579    0.956
##      impenv       0.894    0.005  163.926    0.000    2.065    0.935
##      impdiff      1.202    0.008  148.419    0.000    2.778    0.926
##
## Intercepts:
##      Estimate   Std.Err   z-value   P(>|z|)   Std.lv   Std.all
##      .iphlppl      0.000
##      .iplylfr      0.000
##      .impdiff      0.000
##      .ipeqopt      0.000
##      .ipudrst      0.000
##      .impenv       0.000
##      benev         0.000
##      unive         0.000
##
## Variances:
##      Estimate   Std.Err   z-value   P(>|z|)   Std.lv   Std.all
##      .iphlppl      3.299    5.144    0.641    0.521    3.299    0.557
##      .iplylfr     -3.620   15.752   -0.230    0.818   -3.620   -0.821
##      .impdiff      1.288    0.072   17.959    0.000    1.288    0.143
##      .ipeqopt      0.825    0.058   14.111    0.000    0.825    0.134
##      .ipudrst      0.624    0.047   13.176    0.000    0.624    0.086
##      .impenv       0.611    0.034   17.936    0.000    0.611    0.125
##      benev         2.624    5.150    0.510    0.610    1.000    1.000
##      unive         5.340    0.049  109.744    0.000    1.000    1.000
##
## R-Square:
##      Estimate
##      iphlppl      0.443
##      iplylfr       NA
##      impdiff      0.857
##      ipeqopt      0.866
##      ipudrst      0.914
##      impenv       0.875
##
##
## Group 4 [Group 4]:
##
## Latent Variables:
##      Estimate   Std.Err   z-value   P(>|z|)   Std.lv   Std.all
##      benev =~
##      iphlppl      1.000
##      iplylfr      0.835    0.010   84.920    0.000    1.875    0.949
##      impdiff      0.661    0.007   90.545    0.000    1.485    0.535
##      unive =~

```



```

##      ipeqopt      1.000      2.270      0.931
##      ipudrst      1.043      0.006      181.383      0.000      2.368      0.946
##      impenv       1.151      0.006      184.623      0.000      2.614      0.927
##      impdiff      0.848      0.006      137.480      0.000      1.925      0.694
##
## Intercepts:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .iphlppl      0.000      0.000      0.000      0.000      0.000
##      .iplylfr      0.000      0.000      0.000      0.000      0.000
##      .impdiff      0.000      0.000      0.000      0.000      0.000
##      .ipeqopt      0.000      0.000      0.000      0.000      0.000
##      .ipudrst      0.000      0.000      0.000      0.000      0.000
##      .impenv       0.000      0.000      0.000      0.000      0.000
##      benev         0.000      0.000      0.000      0.000      0.000
##      unive         0.000      0.000      0.000      0.000      0.000
##
## Variances:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .iphlppl      0.587      0.068      8.602      0.000      0.587      0.104
##      .iplylfr      0.389      0.049      7.944      0.000      0.389      0.100
##      .impdiff      1.796      0.069      26.120      0.000      1.796      0.233
##      .ipeqopt      0.794      0.051      15.648      0.000      0.794      0.134
##      .ipudrst      0.664      0.047      14.142      0.000      0.664      0.106
##      .impenv       1.115      0.058      19.361      0.000      1.115      0.140
##      benev         5.044      0.065      77.307      0.000      1.000      1.000
##      unive         5.154      0.038      134.034      0.000      1.000      1.000
##
## R-Square:
##      Estimate
##      iphlpppl      0.896
##      iplylfr       0.900
##      impdiff       0.767
##      ipeqopt       0.866
##      ipudrst       0.894
##      impenv        0.860
##
##
## Group 5 [Group 5]:
##
## Latent Variables:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      benev =~
##      iphlpppl      1.000      1.984      0.965
##      iplylfr       1.077      0.014      77.781      0.000      2.138      0.947
##      impdiff       0.615      0.008      77.106      0.000      1.221      0.587
##      unive =~
##      ipeqopt       1.000      1.874      0.929
##      ipudrst       1.202      0.009      141.014      0.000      2.253      0.940
##      impenv        0.983      0.006      158.272      0.000      1.843      0.934
##      impdiff       0.696      0.007      104.952      0.000      1.304      0.627
##
## Intercepts:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .iphlppl      0.000      0.000      0.000      0.000      0.000

```

```
##      .iplylfr      0.000      0.000      0.000
##      .impdiff      0.000      0.000      0.000
##      .ipeqopt      0.000      0.000      0.000
##      .ipudrst      0.000      0.000      0.000
##      .impenv       0.000      0.000      0.000
##      benev         0.000      0.000      0.000
##      unive         0.000      0.000      0.000
```

```
## Variances:
```

```
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .iphlppl   0.288   0.054   5.338   0.000   0.288   0.068
##      .iplylfr   0.530   0.067   7.870   0.000   0.530   0.104
##      .impdiff   1.135   0.061  18.573   0.000   1.135   0.262
##      .ipeqopt   0.553   0.046  11.964   0.000   0.553   0.136
##      .ipudrst   0.665   0.058  11.425   0.000   0.665   0.116
##      .impenv    0.495   0.037  13.192   0.000   0.495   0.127
##      benev     3.937   0.056  70.568   0.000   1.000   1.000
##      unive     3.512   0.033 105.602   0.000   1.000   1.000
```

```
## R-Square:
```

```
##      Estimate
##      iphlpppl   0.932
##      iplylfr    0.896
##      impdiff    0.738
##      ipeqopt    0.864
##      ipudrst    0.884
##      impenv     0.873
```

```
use_labels(ds_filtrada,table(gndr,as.character(cntry)))
```

```
##
## Gender    Belgium France Hungary Norway Slovenia
## Male      887    953    676    830    598
## Female    879   1117    938    715    709
```

```
# Gender
```

```
# 1 Male 4495
```

```
# 2 Female 4750
```

```
ds_filtrada$gndrD <- ifelse(ds_filtrada$gndr == 2, 0, ds_filtrada$gndr)
```

```
use_labels(ds_filtrada,table(marsts,as.character(cntry)))
```

```
##
## Legal marital status      Belgium
##   Legally married          26
##   In a legally registered civil union  0
##   Legally separated        10
##   Legally divorced/civil union dissolved 171
##   Widowed/civil partner died 101
##   None of these (NEVER married or in legally registered civil union) 608
##
## Legal marital status      France
##   Legally married          28
##   In a legally registered civil union  6
##   Legally separated         0
```

```

## Legally divorced/civil union dissolved 274
## Widowed/civil partner died 219
## None of these (NEVER married or in legally registered civil union) 660
##
## Legal marital status Hungary
## Legally married 39
## In a legally registered civil union 3
## Legally separated 0
## Legally divorced/civil union dissolved 171
## Widowed/civil partner died 240
## None of these (NEVER married or in legally registered civil union) 416
##
## Legal marital status Norway
## Legally married 16
## In a legally registered civil union 11
## Legally separated 23
## Legally divorced/civil union dissolved 145
## Widowed/civil partner died 71
## None of these (NEVER married or in legally registered civil union) 581
##
## Legal marital status Slovenia
## Legally married 7
## In a legally registered civil union 2
## Legally separated 0
## Legally divorced/civil union dissolved 53
## Widowed/civil partner died 103
## None of these (NEVER married or in legally registered civil union) 487

# Legal marital status
# 1 Legally married 86
# 2 In a legally registered civil union 19
# 3 Legally separated 33
# 4 Legally divorced/civil union dissolved 858
# 5 Widowed/civil partner died 667
# 6 None of these (NEVER married or in legally registered civil union) 2913
marstsD <- as.dichotomy(ds_filtrada$marsts, prefix="marsts")
# "marsts1" "marsts2" "marsts3" "marsts4" "marsts5" "marsts6"

use_labels(ds_filtrada,table(eisced,as.character(cntry)))

```

```

##
## Highest level of education, ES - ISCED Belgium France
## ES-ISCED I , less than lower secondary 162 382
## ES-ISCED II, lower secondary 322 162
## ES-ISCED IIIb, lower tier upper secondary 112 524
## ES-ISCED IIIa, upper tier upper secondary 421 359
## ES-ISCED IV, advanced vocational, sub-degree 124 283
## ES-ISCED V1, lower tertiary education, BA level 336 87
## ES-ISCED V2, higher tertiary education, >= MA level 273 271
## Other 11 0
##
## Highest level of education, ES - ISCED Hungary Norway
## ES-ISCED I , less than lower secondary 44 22
## ES-ISCED II, lower secondary 295 255
## ES-ISCED IIIb, lower tier upper secondary 478 292

```

```
## ES-ISCED IIIa, upper tier upper secondary 465 193
## ES-ISCED IV, advanced vocational, sub-degree 120 178
## ES-ISCED V1, lower tertiary education, BA level 157 342
## ES-ISCED V2, higher tertiary education, >= MA level 50 257
## Other 0 5
```

```
##
## Highest level of education, ES - ISCED Slovenia
## ES-ISCED I , less than lower secondary 32
## ES-ISCED II, lower secondary 251
## ES-ISCED IIIb, lower tier upper secondary 244
## ES-ISCED IIIa, upper tier upper secondary 442
## ES-ISCED IV, advanced vocational, sub-degree 86
## ES-ISCED V1, lower tertiary education, BA level 204
## ES-ISCED V2, higher tertiary education, >= MA level 44
## Other 1
```

```
# Highest level of education, ES - ISCED
# 1 ES-ISCED I , less than lower secondary 780
# 2 ES-ISCED II, lower secondary 1148
# 3 ES-ISCED IIIb, lower tier upper secondary 1676
# 4 ES-ISCED IIIa, upper tier upper secondary 1944
# 5 ES-ISCED IV, advanced vocational, sub-degree 1026
# 6 ES-ISCED V1, lower tertiary education, BA level 1479
# 7 ES-ISCED V2, higher tertiary education, >= MA level 1154
# 55 Other 21
# ds_filtrada$eiscedT <- ifelse(ds_filtrada$eisced %in% c(1,2,3) , 1,
#                               ifelse(ds_filtrada$eisced %in% c(4,5),2,
#                               ifelse(ds_filtrada$eisced %in% c(6,7), 3,NA)))
# val_lab(ds_filtrada$eiscedT) = num_lab("
#       1 Less than Upper secondary
#       2 Upper secondary or vocational
#       3 Bachelor or higher
# ")
eiscedD <- as.dichotomy(ds_filtrada$eisced, prefix="eisced")
# "eisced1" "eisced2" "eisced3" "eisced4" "eisced5" "eisced6" "eisced7"

use_labels(ds_filtrada,table(domicil,as.character(cntry)))
```

```
##
## Domicile, respondent's description Belgium France Hungary Norway Slovenia
## A big city 308 335 441 253 156
## Suburbs or outskirts of big city 158 235 93 244 125
## Town or small city 395 744 597 458 280
## Country village 808 632 468 304 669
## Farm or home in countryside 97 124 15 284 74
```

```
# Domicile, respondent's description
# A big city Suburbs or outskirts of big city Town or small city
# 1493 855 2474
domicilD <- as.dichotomy(ds_filtrada$domicil, prefix="domicil")
# "domicil1" "domicil2" "domicil3" "domicil4" "domicil5"

use_labels(ds_filtrada,table(chldhhe,as.character(cntry)))
```

```
##
```

```

## Ever had children living in household Belgium France Hungary Norway
##                               Yes      494      899      673      517
##                               No       584      562      469      473
##
## Ever had children living in household Slovenia
##                               Yes       327
##                               No       359

# Ever had children living in household
# 1 Yes 2865
# 2 No  2650
ds_filtrada$chldhheD <- ifelse(ds_filtrada$chldhhe == 2, 0, ds_filtrada$chldhhe)

use_labels(ds_filtrada, table(lvgptnea, as.character(cntry)))

##
## Ever lived with a partner, without being married Belgium France Hungary
##                               Yes      380      729      277
##                               No     1129     1132     1152
##
## Ever lived with a partner, without being married Norway Slovenia
##                               Yes      580      296
##                               No      657      799

# Ever lived with a partner, without being married
# 1 Yes  2380
# 2 No   5781
ds_filtrada$lvpgptneaD <- ifelse(ds_filtrada$lvpgptnea == 2, 0, ds_filtrada$lvpgptnea)

ds_filtrada2 <- cbind(ds_filtrada, eiscedD, marstsD, domicilD)
ds_filtrada2 <- ds_filtrada2[, !colnames(ds_filtrada2) %in% c("eisced55")]
survey.design2 <- svydesign(ids=~idno, prob=~dweight, data=ds_filtrada2)

semmodel <- '
benev =~ iphlpp1 + iplylfr + impdiff
unive =~ ipeqopt + ipudrst + impenv + impdiff
benev ~ (a0)*1 + (a2)*gndrD + (a3)*agea + chldhheD + domicil2 + domicil3 + domicil4 + domicil5
+ eisced2 + eisced3 + eisced4 + eisced5 + eisced6 + eisced7
unive ~ (b0)*1 + (b2)*gndrD + (b3)*agea + chldhheD + domicil2 + domicil3 + domicil4 + domicil5
+ eisced2 + eisced3 + eisced4 + eisced5 + eisced6 + eisced7
benev ~~ unive
' #Predictor + marsts1 + marsts2 + marsts3 + marsts4 + marsts5

lavaan.semfit <- lavaan(semmodel, data=ds_filtrada2, auto.var=TRUE, auto.fix.first=TRUE,
                        estimator="MLM", cluster = "cntry")
survey.semfit <- lavaan.survey(lavaan.fit=lavaan.semfit, survey.design=survey.design2)
fitMeasures(survey.semfit, c("cfi", "rmsea", "srmr"))

##    cfi rmsea srmr
## 0.909 0.038 0.021

modindices(survey.semfit, sort=T)[1:10,]

##      lhs op      rhs      mi      epc sepc.lv sepc.all sepc.nox
## 160 iphlpp1 ~~ iplylfr 132.875 0.175 0.175 0.313 0.313
## 136 iphlpp1 ~1          54.971 -0.474 -0.474 -0.496 -0.496
## 166 iplylfr ~~ ipeqopt  31.883 -0.063 -0.063 -0.095 -0.095

```

```

## 172 ipeqopt ~~ ipudrst 31.119 0.072 0.072 0.098 0.098
## 141 impenv ~1 23.624 0.345 0.345 0.310 0.310
## 174 ipudrst ~~ impenv 10.996 -0.046 -0.046 -0.058 -0.058
## 167 iplylfr ~~ ipudrst 8.369 -0.032 -0.032 -0.051 -0.051
## 139 ipeqopt ~1 8.053 0.188 0.188 0.182 0.182
## 162 iphlpp1 ~~ ipeqopt 2.910 -0.020 -0.020 -0.030 -0.030
## 137 iplylfr ~1 1.866 0.079 0.079 0.087 0.087
summary(survey.semfit, standardized=TRUE, fit.measures=TRUE, rsquare=T)

## lavaan 0.6-5 ended normally after 149 iterations
##
## Estimator ML
## Optimization method NLMINB
## Number of free parameters 42
##
## Number of observations 5154
##
## Model Test User Model:
## Standard Robust
## Test Statistic 527.561 181.769
## Degrees of freedom 63 63
## P-value (Chi-square) 0.000 0.000
## Scaling correction factor 2.902
## for the Satorra-Bentler correction
##
## Model Test Baseline Model:
##
## Test statistic 5211.975 2222.142
## Degrees of freedom 93 93
## P-value 0.000 0.000
## Scaling correction factor 2.345
##
## User Model versus Baseline Model:
##
## Comparative Fit Index (CFI) 0.909 0.944
## Tucker-Lewis Index (TLI) 0.866 0.918
##
## Robust Comparative Fit Index (CFI) 0.931
## Robust Tucker-Lewis Index (TLI) 0.898
##
## Loglikelihood and Information Criteria:
##
## Loglikelihood user model (H0) -85792.339 -85792.339
## Loglikelihood unrestricted model (H1) -85528.559 -85528.559
##
## Akaike (AIC) 171668.679 171668.679
## Bayesian (BIC) 171943.675 171943.675
## Sample-size adjusted Bayesian (BIC) 171810.213 171810.213
##
## Root Mean Square Error of Approximation:
##
## RMSEA 0.038 0.019
## 90 Percent confidence interval - lower 0.035 0.017
## 90 Percent confidence interval - upper 0.041 0.021

```

```

## P-value RMSEA <= 0.05          1.000      1.000
##
## Robust RMSEA                      0.033
## 90 Percent confidence interval - lower    0.027
## 90 Percent confidence interval - upper    0.038
##
## Standardized Root Mean Square Residual:
##
## SRMR                      0.021      0.021
##
## Parameter Estimates:
##
## Information                      Expected
## Information saturated (h1) model    Structured
## Standard errors                    Robust.cluster.sem
##
## Latent Variables:
##      Estimate  Std.Err  z-value  P(>|z|)  Std.lv  Std.all
## benev =~
##   iphlpp1      1.000
##   iplylfr      0.860    0.006  135.812   0.000    0.514    0.565
##   impdiff     -12.932    6.369   -2.031   0.042   -7.725   -5.657
## unive =~
##   ipeqopt      1.000
##   ipudrst      1.134    0.009  128.548   0.000    0.619    0.595
##   impenv       1.061    0.009  114.128   0.000    0.579    0.522
##   impdiff      15.119    6.746    2.241   0.025    8.255    6.045
##
## Regressions:
##      Estimate  Std.Err  z-value  P(>|z|)  Std.lv  Std.all
## benev ~
##   gndrD (a2)    0.180    0.022    8.358   0.000    0.301    0.150
##   agea  (a3)    0.002    0.001    2.175   0.030    0.003    0.056
##   chldhheD    -0.027    0.030   -0.875   0.381   -0.044   -0.022
##   domicil2     0.015    0.039    0.375   0.708    0.025    0.007
##   domicil3     0.069    0.030    2.268   0.023    0.116    0.054
##   domicil4     0.005    0.030    0.183   0.855    0.009    0.004
##   domicil5     0.050    0.049    1.009   0.313    0.083    0.021
##   eisced2      0.077    0.045    1.716   0.086    0.129    0.048
##   eisced3      0.048    0.046    1.054   0.292    0.081    0.032
##   eisced4     -0.017    0.044   -0.383   0.701   -0.028   -0.012
##   eisced5     -0.012    0.051   -0.238   0.812   -0.020   -0.006
##   eisced6     -0.008    0.046   -0.176   0.861   -0.014   -0.004
##   eisced7     -0.099    0.050   -1.990   0.047   -0.166   -0.049
## unive ~
##   gndrD (b2)    0.156    0.019    8.114   0.000    0.285    0.143
##   agea  (b3)    0.002    0.001    3.328   0.001    0.004    0.085
##   chldhheD    -0.021    0.027   -0.774   0.439   -0.039   -0.019
##   domicil2     0.020    0.035    0.556   0.578    0.036    0.011
##   domicil3     0.073    0.027    2.699   0.007    0.134    0.062
##   domicil4     0.012    0.027    0.466   0.641    0.023    0.011
##   domicil5     0.057    0.044    1.303   0.192    0.105    0.027
##   eisced2      0.065    0.040    1.597   0.110    0.118    0.044
##   eisced3      0.039    0.041    0.942   0.346    0.071    0.028

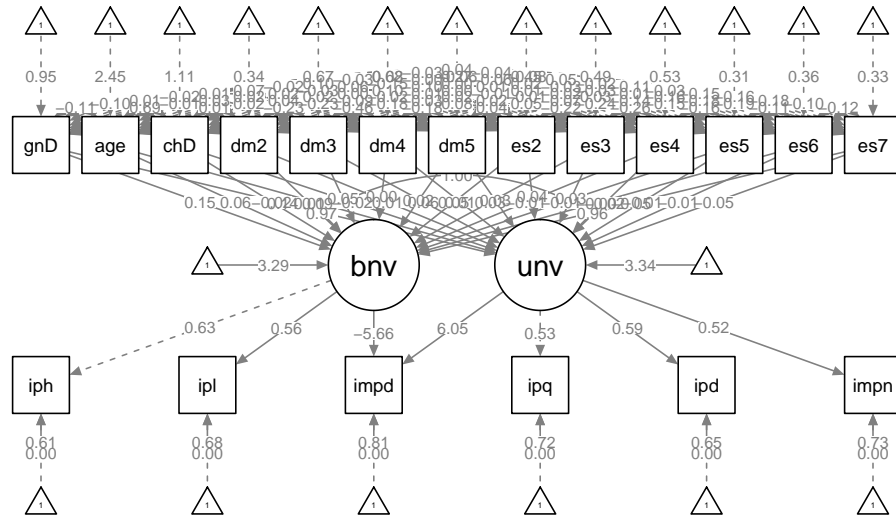
```

```

##      eisced4      -0.029    0.039   -0.737    0.461   -0.053   -0.022
##      eisced5      -0.019    0.046   -0.412    0.680   -0.035   -0.010
##      eisced6      -0.017    0.042   -0.416    0.677   -0.032   -0.010
##      eisced7      -0.089    0.045   -1.976    0.048   -0.163   -0.048
##
## Covariances:
##              Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .benev ~~
##      .unive      0.315    0.011   29.433    0.000    1.000    1.000
##
## Intercepts:
##              Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .benev      (a0)   1.963    0.056   35.125    0.000    3.287    3.287
##      .unive      (b0)   1.825    0.051   36.130    0.000    3.342    3.342
##      .iphlppl      0.000
##      .iplylfr      0.000
##      .impdiff      0.000
##      .ipeqopt      0.000
##      .ipudrst      0.000
##      .impenv      0.000
##
## Variances:
##              Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .iphlppl      0.556    0.019   29.990    0.000    0.556    0.609
##      .iplylfr      0.563    0.022   26.138    0.000    0.563    0.681
##      .impdiff      1.503    0.228    6.599    0.000    1.503    0.806
##      .ipeqopt      0.778    0.025   31.688    0.000    0.778    0.723
##      .ipudrst      0.702    0.022   32.529    0.000    0.702    0.647
##      .impenv      0.897    0.026   34.801    0.000    0.897    0.728
##      .benev      0.345    0.014   25.021    0.000    0.966    0.966
##      .unive      0.288    0.011   27.222    0.000    0.965    0.965
##
## R-Square:
##              Estimate
##      iphlpppl      0.391
##      iplylfr      0.319
##      impdiff      0.194
##      ipeqopt      0.277
##      ipudrst      0.353
##      impenv      0.272
##      benev      0.034
##      unive      0.035

```

```
semPaths(survey.semfit,"model","stand", style = "lisrel")
```

```
#autoinvar <- measurementInvariance(model=semmodel, group="cntry", data=ds_filtrada2)

# 1. CONFIGURAL EQUIVALENCE
## Add the "meanstructure" argument to add means/intercepts
lavaan.confsemfit <- lavaan(semmodel, data=ds_filtrada2, auto.var=TRUE, auto.fix.first=TRUE,
  estimator="MLM",group = "cntry", meanstructure=TRUE)
survey.confsemfit <- lavaan.survey(lavaan.fit=lavaan.confsemfit,survey.design=survey.design2)

# 2. METRIC EQUIVALENCE: set the factor loadings equal across groups

lavaan.metrsemfit <- lavaan(semmodel, data=ds_filtrada2, auto.var=TRUE, auto.fix.first=TRUE,
  estimator="MLM",group = "cntry", meanstructure=TRUE,
  group.equal=c("loadings"))
survey.metrsemfit <- lavaan.survey(lavaan.fit=lavaan.metrsemfit,survey.design=survey.design2)

# 3. SCALAR EQUIVALENCE: set the factor loadings and the intercepts equal across groups

lavaan.scalsemfit <- lavaan(semmodel, data=ds_filtrada2, auto.var=TRUE, auto.fix.first=TRUE,
  estimator="MLM",group = "cntry", meanstructure=TRUE,
  group.equal=c("loadings","intercepts"))
survey.scalsemfit <- lavaan.survey(lavaan.fit=lavaan.scalsemfit,survey.design=survey.design2)

# 4. check whether factor variances are equal across groups
```

```

lavaan.variansemfit <- lavaan(semmodel, data=ds_filtrada2, auto.var=TRUE, auto.fix.first=TRUE,
                             estimator="MLM", group = "cntry", meanstructure=TRUE,
                             group.equal=c("loadings", "intercepts", "lv.variances"))
survey.varsemfit <- lavaan.survey(lavaan.fit=lavaan.variansemfit, survey.design=survey.design2)

fitMeasures(survey.confsemfit, c("cfi", "rmsea", "srmr"))

##   cfi rmsea srmr
## 0.876 0.046 0.030

fitMeasures(survey.metrsemfit, c("cfi", "rmsea", "srmr"))

##   cfi rmsea srmr
## 0.779 0.057 0.036

fitMeasures(survey.scalsemfit, c("cfi", "rmsea", "srmr"))

##   cfi rmsea srmr
## 0.779 0.057 0.036

fitMeasures(survey.varsemfit, c("cfi", "rmsea", "srmr"))

##   cfi rmsea srmr
## 0.741 0.062 0.050

summary(survey.confsemfit, standardized=TRUE, fit.measures=TRUE, rsquare=T)

## lavaan 0.6-5 ended normally after 774 iterations
##
##      Estimator                      ML
##      Optimization method          NLMINB
##      Number of free parameters      210
##
##      Number of observations per group:
##      Group 1                      1065
##      Group 2                      1437
##      Group 3                      1011
##      Group 4                      976
##      Group 5                      665
##
## Model Test User Model:
##
##      Test Statistic          Standard      Robust
##      Degrees of freedom          315          315
##      P-value (Chi-square)        0.000          0.478
##      Scaling correction factor          3.165
##      for the Satorra-Bentler correction
##      Test statistic for each group:
##      Group 1          212.672          67.202
##      Group 2          198.037          62.578
##      Group 3          152.265          48.114
##      Group 4          312.872          98.865
##      Group 5          123.230          38.939
##
## Model Test Baseline Model:
##
##      Test statistic          5985.657          2385.700

```

```

## Degrees of freedom                465      465
## P-value                          0.000      0.000
## Scaling correction factor          2.509
##
## User Model versus Baseline Model:
##
## Comparative Fit Index (CFI)        0.876      1.000
## Tucker-Lewis Index (TLI)          0.817      0.999
##
## Robust Comparative Fit Index (CFI)      1.000
## Robust Tucker-Lewis Index (TLI)        0.999
##
## Loglikelihood and Information Criteria:
##
## Loglikelihood user model (H0)        -79589.985 -79589.985
## Loglikelihood unrestricted model (H1) -79090.447 -79090.447
##
## Akaike (AIC)                       159599.970 159599.970
## Bayesian (BIC)                      160974.951 160974.951
## Sample-size adjusted Bayesian (BIC)   160307.642 160307.642
##
## Root Mean Square Error of Approximation:
##
## RMSEA                              0.046      0.001
## 90 Percent confidence interval - lower 0.043      0.000
## 90 Percent confidence interval - upper 0.049      0.009
## P-value RMSEA <= 0.05                0.982      1.000
##
## Robust RMSEA                        0.003
## 90 Percent confidence interval - lower 0.000
## 90 Percent confidence interval - upper 0.021
##
## Standardized Root Mean Square Residual:
##
## SRMR                              0.030      0.030
##
## Parameter Estimates:
##
## Information                        Expected
## Information saturated (h1) model   Structured
## Standard errors                    Robust.sem
##
##
## Group 1 [Group 1]:
##
## Latent Variables:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
## benev =~
##   iphlppl      1.000
##   iplylfr      0.862    0.011   75.197   0.000   0.398   0.521
##   impdiff      4.463    0.909    4.911   0.000   1.778   1.462
## unive =~
##   ipeqopt      1.000
##   ipudrst      1.098    0.016   67.909   0.000   0.468   0.533
##   ipudrst      1.098    0.016   67.909   0.000   0.514   0.570

```

```

##      impenv          1.035    0.016   64.163    0.000    0.484    0.522
##      impdiff        -3.045    0.898   -3.389    0.001   -1.425   -1.172
##
## Regressions:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      benev ~
##      gndrD      (a2)    0.173    0.030    5.750    0.000    0.435    0.217
##      agea      (a3)    0.002    0.001    1.869    0.062    0.005    0.114
##      chldhheD   -0.041    0.044   -0.931    0.352   -0.104   -0.052
##      domicil2    0.000    0.059    0.008    0.994    0.001    0.000
##      domicil3    0.018    0.045    0.402    0.688    0.046    0.019
##      domicil4    0.064    0.041    1.553    0.120    0.160    0.080
##      domicil5    0.005    0.084    0.060    0.952    0.013    0.003
##      eisced2     0.083    0.061    1.365    0.172    0.209    0.087
##      eisced3     0.035    0.088    0.396    0.692    0.088    0.020
##      eisced4    -0.010    0.058   -0.167    0.867   -0.024   -0.011
##      eisced5     0.045    0.076    0.596    0.551    0.113    0.028
##      eisced6    -0.104    0.062   -1.690    0.091   -0.261   -0.097
##      eisced7    -0.127    0.063   -2.008    0.045   -0.319   -0.104
##      unive ~
##      gndrD      (b2)    0.207    0.035    5.895    0.000    0.443    0.221
##      agea      (b3)   -0.001    0.001   -1.002    0.316   -0.003   -0.059
##      chldhheD   -0.065    0.053   -1.242    0.214   -0.140   -0.070
##      domicil2    0.068    0.071    0.965    0.335    0.146    0.041
##      domicil3    0.065    0.055    1.187    0.235    0.139    0.058
##      domicil4    0.140    0.049    2.840    0.005    0.299    0.149
##      domicil5    0.116    0.105    1.109    0.267    0.248    0.050
##      eisced2     0.061    0.072    0.844    0.399    0.130    0.054
##      eisced3     0.043    0.103    0.415    0.678    0.091    0.021
##      eisced4    -0.025    0.069   -0.360    0.719   -0.053   -0.023
##      eisced5     0.052    0.095    0.545    0.586    0.110    0.027
##      eisced6    -0.141    0.073   -1.918    0.055   -0.301   -0.111
##      eisced7    -0.195    0.075   -2.585    0.010   -0.416   -0.136
##
## Covariances:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .benev ~~
##      .unive      0.170    0.013   13.148    0.000    1.024    1.024
##
## Intercepts:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .benev      (a0)    1.841    0.075   24.419    0.000    4.620    4.620
##      .unive      (b0)    1.973    0.089   22.236    0.000    4.216    4.216
##      .iphlppl    0.000    0.000    0.000    0.000    0.000    0.000
##      .iplylfr    0.000    0.000    0.000    0.000    0.000    0.000
##      .impdiff    0.000    0.000    0.000    0.000    0.000    0.000
##      .ipeqopt    0.000    0.000    0.000    0.000    0.000    0.000
##      .ipudrst    0.000    0.000    0.000    0.000    0.000    0.000
##      .impenv     0.000    0.000    0.000    0.000    0.000    0.000
##
## Variances:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .iphlppl    0.427    0.027   15.969    0.000    0.427    0.729
##      .iplylfr    0.333    0.028   11.812    0.000    0.333    0.739

```

```

##      .impdiff      1.370    0.116   11.815    0.000    1.370    0.926
##      .ipeqopt      0.553    0.037   14.920    0.000    0.553    0.716
##      .ipudrst      0.549    0.036   15.150    0.000    0.549    0.675
##      .impenv       0.626    0.043   14.600    0.000    0.626    0.727
##      .benev        0.143    0.013   11.095    0.000    0.902    0.902
##      .unive        0.193    0.017   11.242    0.000    0.879    0.879
##
## R-Square:
##      Estimate
##      iphlppl      0.271
##      iplylfr      0.261
##      impdiff      0.074
##      ipeqopt      0.284
##      ipudrst      0.325
##      impenv       0.273
##      benev        0.098
##      unive        0.121
##
##
## Group 2 [Group 2]:
##
## Latent Variables:
##      Estimate   Std.Err   z-value   P(>|z|)   Std.lv   Std.all
##      benev =~
##      iphlppl      1.000
##      iplylfr      0.828    0.013   64.901    0.000    0.741    0.673
##      impdiff     -2.143    0.693   -3.093    0.002   -1.588   -1.069
##      unive =~
##      ipeqopt      1.000
##      ipudrst      1.190    0.019   61.114    0.000    0.551    0.508
##      impenv       1.146    0.021   53.979    0.000    0.656    0.576
##      impdiff      4.044    0.802    5.042    0.000    0.632    0.511
##      impdiff      4.044    0.802    5.042    0.000    2.230    1.502
##
## Regressions:
##      Estimate   Std.Err   z-value   P(>|z|)   Std.lv   Std.all
##      benev ~
##      gndrD         0.273    0.054    5.089    0.000    0.368    0.183
##      agea          0.001    0.002    0.549    0.583    0.001    0.025
##      chldhheD     -0.082    0.066   -1.237    0.216   -0.111   -0.054
##      domicil2      0.019    0.103    0.188    0.851    0.026    0.008
##      domicil3      0.034    0.077    0.448    0.654    0.046    0.022
##      domicil4     -0.034    0.081   -0.412    0.680   -0.045   -0.020
##      domicil5      0.094    0.139    0.678    0.498    0.127    0.030
##      eisced2       0.132    0.110    1.204    0.229    0.178    0.049
##      eisced3       0.009    0.082    0.112    0.911    0.012    0.005
##      eisced4      -0.046    0.088   -0.516    0.606   -0.061   -0.022
##      eisced5      -0.121    0.092   -1.314    0.189   -0.164   -0.052
##      eisced6      -0.023    0.137   -0.164    0.869   -0.030   -0.006
##      eisced7      -0.125    0.096   -1.303    0.193   -0.169   -0.056
##      unive ~
##      gndrD         0.155    0.038    4.044    0.000    0.281    0.140
##      agea          0.002    0.001    1.647    0.100    0.004    0.072
##      chldhheD     -0.053    0.048   -1.108    0.268   -0.097   -0.047
##      domicil2      0.003    0.072    0.043    0.966    0.006    0.002

```

```

##      domicil3      0.046    0.054    0.857    0.391    0.084    0.041
##      domicil4      0.011    0.057    0.185    0.853    0.019    0.009
##      domicil5      0.087    0.102    0.858    0.391    0.158    0.037
##      eisced2       0.026    0.073    0.357    0.721    0.047    0.013
##      eisced3      -0.049    0.060   -0.816    0.415   -0.088   -0.037
##      eisced4      -0.098    0.062   -1.581    0.114   -0.178   -0.064
##      eisced5      -0.162    0.066   -2.459    0.014   -0.293   -0.092
##      eisced6      -0.168    0.102   -1.658    0.097   -0.305   -0.065
##      eisced7      -0.141    0.069   -2.043    0.041   -0.256   -0.085
##
## Covariances:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .benev ~~
##      .unive      0.396    0.022   18.071    0.000    1.010    1.010
##
## Intercepts:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .benev      2.095    0.131   16.050    0.000    2.828    2.828
##      .unive      1.816    0.092   19.773    0.000    3.292    3.292
##      .iphlppl     0.000          0.000    0.000    0.000    0.000
##      .iplylfr     0.000          0.000    0.000    0.000    0.000
##      .impdiff     0.000          0.000    0.000    0.000    0.000
##      .ipeqopt     0.000          0.000    0.000    0.000    0.000
##      .ipudrst     0.000          0.000    0.000    0.000    0.000
##      .impenv      0.000          0.000    0.000    0.000    0.000
##
## Variances:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .iphlppl     0.662    0.044   14.946    0.000    0.662    0.547
##      .iplylfr     0.646    0.051   12.746    0.000    0.646    0.632
##      .impdiff     1.811    0.131   13.836    0.000    1.811    0.821
##      .ipeqopt     0.875    0.050   17.438    0.000    0.875    0.742
##      .ipudrst     0.868    0.048   17.893    0.000    0.868    0.668
##      .impenv      1.130    0.058   19.600    0.000    1.130    0.739
##      .benev       0.524    0.038   13.862    0.000    0.955    0.955
##      .unive       0.293    0.020   14.318    0.000    0.962    0.962
##
## R-Square:
##      Estimate
##      iphlppl      0.453
##      iplylfr      0.368
##      impdiff      0.179
##      ipeqopt      0.258
##      ipudrst      0.332
##      impenv       0.261
##      benev        0.045
##      unive        0.038
##
##
## Group 3 [Group 3]:
##
## Latent Variables:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      benev =~

```

```

##      iphlppl      1.000      0.730      0.715
##      iplylfr      0.842      0.013      64.275      0.000      0.615      0.642
##      impdiff     -7.678      3.162      -2.428      0.015     -5.604     -4.495
##  unive =~
##      ipeqopt      1.000      0.681      0.604
##      ipudrst      1.100      0.018      62.068      0.000      0.749      0.671
##      impenv       0.897      0.016      56.887      0.000      0.610      0.628
##      impdiff      8.912      3.173      2.809      0.005      6.066      4.865
##
## Regressions:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##  benev ~
##      gndrD      0.104      0.056      1.861      0.063      0.142      0.070
##      agea     -0.002      0.002     -1.236      0.217     -0.003     -0.062
##      chldhheD    0.156      0.071      2.208      0.027      0.214      0.105
##      domicil2    0.087      0.088      0.994      0.320      0.119      0.031
##      domicil3    0.229      0.064      3.551      0.000      0.314      0.150
##      domicil4    0.118      0.074      1.602      0.109      0.161      0.068
##      domicil5    0.117      0.374      0.312      0.755      0.160      0.014
##      eisced2     0.442      0.156      2.836      0.005      0.606      0.236
##      eisced3     0.415      0.154      2.703      0.007      0.568      0.256
##      eisced4     0.376      0.157      2.401      0.016      0.515      0.236
##      eisced5     0.292      0.169      1.732      0.083      0.400      0.104
##      eisced6     0.327      0.164      1.992      0.046      0.447      0.137
##      eisced7     0.404      0.223      1.811      0.070      0.554      0.098
##  unive ~
##      gndrD      0.090      0.051      1.758      0.079      0.133      0.066
##      agea     -0.000      0.002     -0.169      0.866     -0.000     -0.008
##      chldhheD    0.146      0.064      2.265      0.024      0.215      0.105
##      domicil2    0.093      0.080      1.171      0.242      0.137      0.035
##      domicil3    0.232      0.059      3.952      0.000      0.341      0.163
##      domicil4    0.118      0.068      1.738      0.082      0.174      0.074
##      domicil5    0.027      0.354      0.076      0.939      0.040      0.004
##      eisced2     0.353      0.141      2.499      0.012      0.519      0.202
##      eisced3     0.326      0.139      2.348      0.019      0.478      0.215
##      eisced4     0.268      0.142      1.886      0.059      0.394      0.180
##      eisced5     0.170      0.153      1.112      0.266      0.250      0.065
##      eisced6     0.227      0.150      1.509      0.131      0.333      0.102
##      eisced7     0.271      0.192      1.412      0.158      0.399      0.071
##
## Covariances:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##  .benev ~~
##  .unive      0.472      0.029     16.083      0.000      0.994      0.994
##
## Intercepts:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##  .benev      1.733      0.188      9.223      0.000      2.374      2.374
##  .unive      1.737      0.171     10.163      0.000      2.553      2.553
##  .iphlppl     0.000      0.000      0.000      0.000      0.000      0.000
##  .iplylfr     0.000      0.000      0.000      0.000      0.000      0.000
##  .impdiff     0.000      0.000      0.000      0.000      0.000      0.000
##  .ipeqopt     0.000      0.000      0.000      0.000      0.000      0.000
##  .ipudrst     0.000      0.000      0.000      0.000      0.000      0.000

```

```

##      .impenv          0.000          0.000      0.000
##
## Variances:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .iphlppl      0.508   0.037  13.776   0.000   0.508   0.488
##      .iplylfr      0.540   0.037  14.600   0.000   0.540   0.588
##      .impdiff      0.768   0.271   2.834   0.005   0.768   0.494
##      .ipeqopt      0.808   0.061  13.333   0.000   0.808   0.635
##      .ipudrst      0.684   0.046  14.922   0.000   0.684   0.549
##      .impenv      0.571   0.034  16.732   0.000   0.571   0.605
##      .benev       0.512   0.038  13.573   0.000   0.961   0.961
##      .unive       0.442   0.029  15.168   0.000   0.954   0.954
##
## R-Square:
##      Estimate
##      iphlpppl      0.512
##      iplylfr       0.412
##      impdiff       0.506
##      ipeqopt       0.365
##      ipudrst       0.451
##      impenv        0.395
##      benev         0.039
##      unive         0.046
##
##
## Group 4 [Group 4]:
##
## Latent Variables:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      benev =~
##      iphlpppl      1.000          0.604   0.647
##      iplylfr      0.820   0.012  66.556   0.000   0.496   0.620
##      impdiff     -0.240   0.233  -1.030   0.303  -0.145  -0.104
##      unive =~
##      ipeqopt      1.000          0.418   0.401
##      ipudrst      1.065   0.018  59.373   0.000   0.445   0.487
##      impenv      1.163   0.022  53.292   0.000   0.485   0.413
##      impdiff      1.734   0.239   7.248   0.000   0.724   0.521
##
## Regressions:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      benev ~
##      gndrD         0.173   0.049   3.508   0.000   0.287   0.143
##      agea          0.012   0.002   7.015   0.000   0.020   0.452
##      chldhheD     -0.187   0.080  -2.330   0.020  -0.309  -0.154
##      domicil2     -0.013   0.090  -0.147   0.883  -0.022  -0.008
##      domicil3     -0.080   0.077  -1.039   0.299  -0.133  -0.061
##      domicil4     -0.026   0.089  -0.298   0.766  -0.044  -0.017
##      domicil5     -0.094   0.088  -1.066   0.286  -0.155  -0.062
##      eisced2      -0.016   0.130  -0.122   0.903  -0.026  -0.011
##      eisced3      -0.101   0.132  -0.763   0.446  -0.167  -0.065
##      eisced4      -0.037   0.136  -0.275   0.783  -0.062  -0.021
##      eisced5       0.082   0.148   0.552   0.581   0.136   0.042
##      eisced6       0.209   0.136   1.535   0.125   0.346   0.133

```



```

##      eisced7      -0.024    0.140   -0.171    0.864   -0.040   -0.014
##   unive ~
##      gndrD      0.012    0.038    0.307    0.759    0.028    0.014
##      agea      0.008    0.001    5.528    0.000    0.018    0.397
##      chldhheD   -0.039    0.060   -0.648    0.517   -0.093   -0.047
##      domicil2    0.075    0.063    1.199    0.231    0.181    0.063
##      domicil3    0.091    0.056    1.628    0.103    0.218    0.100
##      domicil4    0.100    0.064    1.555    0.120    0.239    0.093
##      domicil5    0.059    0.063    0.929    0.353    0.141    0.056
##      eisced2     0.096    0.109    0.879    0.380    0.230    0.096
##      eisced3     0.150    0.113    1.335    0.182    0.360    0.141
##      eisced4     0.139    0.113    1.231    0.218    0.333    0.115
##      eisced5     0.184    0.116    1.582    0.114    0.440    0.136
##      eisced6     0.148    0.111    1.332    0.183    0.355    0.136
##      eisced7    -0.008    0.114   -0.073    0.942   -0.020   -0.007
##
## Covariances:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##   .benev ~~
##   .unive      0.186    0.017   11.115    0.000    0.888    0.888
##
## Intercepts:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##   .benev      1.633    0.147   11.074    0.000    2.703    2.703
##   .unive      1.638    0.120   13.690    0.000    3.921    3.921
##   .iphlppl     0.000          0.000    0.000    0.000    0.000
##   .iplylfr     0.000          0.000    0.000    0.000    0.000
##   .impdiff     0.000          0.000    0.000    0.000    0.000
##   .ipeqopt     0.000          0.000    0.000    0.000    0.000
##   .ipudrst     0.000          0.000    0.000    0.000    0.000
##   .impenv      0.000          0.000    0.000    0.000    0.000
##
## Variances:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##   .iphlppl     0.508    0.039   12.951    0.000    0.508    0.582
##   .iplylfr     0.393    0.031   12.628    0.000    0.393    0.616
##   .impdiff     1.567    0.062   25.374    0.000    1.567    0.812
##   .ipeqopt     0.910    0.060   15.273    0.000    0.910    0.839
##   .ipudrst     0.636    0.040   15.731    0.000    0.636    0.763
##   .impenv      1.148    0.058   19.905    0.000    1.148    0.830
##   .benev      0.301    0.029   10.387    0.000    0.824    0.824
##   .unive      0.145    0.016    9.166    0.000    0.834    0.834
##
## R-Square:
##      Estimate
##   iphlppl      0.418
##   iplylfr      0.384
##   impdiff      0.188
##   ipeqopt      0.161
##   ipudrst      0.237
##   impenv       0.170
##   benev        0.176
##   unive        0.166
##

```

```

##
## Group 5 [Group 5]:
##
## Latent Variables:
##      Estimate   Std.Err   z-value   P(>|z|)   Std.lv   Std.all
##      benev =~
##      iphlpp1      1.000
##      iplylfr      1.086    0.019   56.411    0.000    0.490    0.527
##      impdiff     -20.085   34.192   -0.587    0.557   -9.066   -7.519
##      unive =~
##      ipeqopt      1.000
##      ipudrst      1.229    0.027   45.745    0.000    0.510    0.523
##      impenv       1.009    0.023   43.787    0.000    0.419    0.491
##      impdiff      23.157   37.126    0.624    0.533    9.615    7.974
##
## Regressions:
##      Estimate   Std.Err   z-value   P(>|z|)   Std.lv   Std.all
##      benev ~
##      gndrD        0.165    0.046    3.587    0.000    0.366    0.183
##      agea         0.000    0.002    0.206    0.837    0.001    0.017
##      chldhheD     -0.110    0.073   -1.512    0.130   -0.244   -0.122
##      domicil2     -0.034    0.084   -0.400    0.689   -0.075   -0.021
##      domicil3      0.108    0.076    1.414    0.157    0.239    0.101
##      domicil4      0.046    0.068    0.673    0.501    0.101    0.051
##      domicil5     -0.008    0.096   -0.079    0.937   -0.017   -0.004
##      eisced2      -0.045    0.117   -0.380    0.704   -0.099   -0.041
##      eisced3      -0.053    0.122   -0.433    0.665   -0.117   -0.044
##      eisced4      -0.166    0.112   -1.474    0.140   -0.367   -0.175
##      eisced5      -0.159    0.125   -1.273    0.203   -0.352   -0.080
##      eisced6      -0.163    0.119   -1.370    0.171   -0.361   -0.128
##      eisced7      -0.466    0.151   -3.079    0.002   -1.033   -0.158
##      unive ~
##      gndrD        0.146    0.041    3.541    0.000    0.351    0.175
##      agea         0.001    0.001    0.515    0.606    0.002    0.040
##      chldhheD     -0.095    0.065   -1.455    0.146   -0.229   -0.114
##      domicil2     -0.031    0.076   -0.404    0.686   -0.074   -0.021
##      domicil3      0.098    0.069    1.428    0.153    0.236    0.100
##      domicil4      0.036    0.061    0.597    0.551    0.088    0.044
##      domicil5     -0.005    0.088   -0.053    0.957   -0.011   -0.003
##      eisced2      -0.045    0.107   -0.418    0.676   -0.108   -0.045
##      eisced3      -0.047    0.111   -0.418    0.676   -0.112   -0.042
##      eisced4      -0.160    0.103   -1.560    0.119   -0.386   -0.184
##      eisced5      -0.141    0.116   -1.210    0.226   -0.339   -0.077
##      eisced6      -0.148    0.108   -1.368    0.171   -0.357   -0.126
##      eisced7      -0.438    0.132   -3.306    0.001   -1.055   -0.162
##
## Covariances:
##      Estimate   Std.Err   z-value   P(>|z|)   Std.lv   Std.all
##      .benev ~~
##      .unive       0.172    0.027    6.275    0.000    1.001    1.001
##
## Intercepts:
##      Estimate   Std.Err   z-value   P(>|z|)   Std.lv   Std.all
##      .benev      1.972    0.149   13.223    0.000    4.368    4.368

```

```

##      .unive      1.800    0.136   13.215    0.000    4.336    4.336
##      .iphlppl    0.000
##      .iplylfr    0.000
##      .impdiff    0.000
##      .ipeqopt    0.000
##      .ipudrst    0.000
##      .impenv     0.000
##
## Variances:
##      Estimate Std.Err z-value P(>|z|) Std.lv Std.all
##      .iphlppl    0.368    0.034   10.867    0.000    0.368    0.644
##      .iplylfr    0.626    0.058   10.766    0.000    0.626    0.722
##      .impdiff    1.145    0.719    1.592    0.111    1.145    0.787
##      .ipeqopt    0.596    0.063    9.529    0.000    0.596    0.776
##      .ipudrst    0.690    0.061   11.387    0.000    0.690    0.726
##      .impenv     0.551    0.052   10.652    0.000    0.551    0.758
##      .benev      0.186    0.031    6.084    0.000    0.912    0.912
##      .unive      0.158    0.025    6.348    0.000    0.918    0.918
##
## R-Square:
##      Estimate
##      iphlppl      0.356
##      iplylfr      0.278
##      impdiff      0.213
##      ipeqopt      0.224
##      ipudrst      0.274
##      impenv       0.242
##      benev        0.088
##      unive        0.082

```