Malgorzata Pawlak - raport PISA 1/1

Context

A new working paper by Kathleen McGinn and her colleagues for Harvard Business School purports that working mothers are more likely to raise successful daughters.

Preparing data

```
# Loading data frame and libraries
load("/Users/Gosia/Documents/UNI/wizualizacja w R/student2012.rmd")
library(dplyr)
library(tidyr)

# Creating data frames with desired subsets of data and removing N/As
girls_gender <- student2012$ST04Q01 == "Female"
girls <- student2012[girls_gender, ]

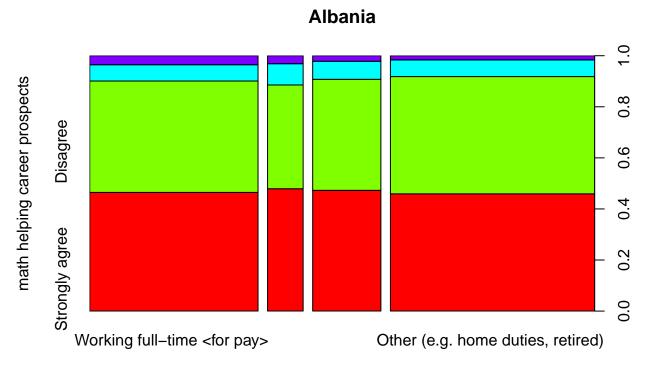
girls_career <- na.omit(girls[,c("CNT", "ST15Q01", "ST29Q05")])
girls_confidence <- na.omit(girls[,c("CNT", "ST15Q01", "ST43Q01")])

# Creating vector with a list of countries
countries_all <- unique(girls$CNT)</pre>
```

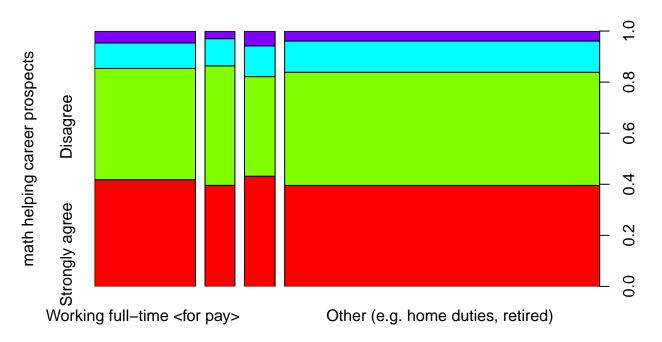
Plots

"Learning mathematics is worthwhile for me because it will improve my career"

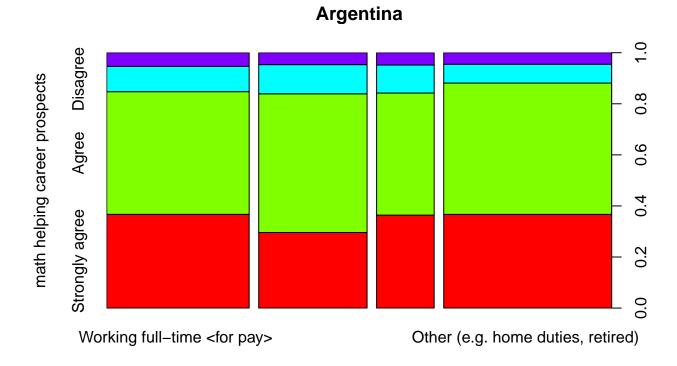
```
plot_career<-function(country) {
    with(girls_career[girls_career$CNT==country,], plot(ST15Q01,ST29Q05, main=country, las=2, col=rainbo)
}
lapply(countries_all, plot_career)</pre>
```

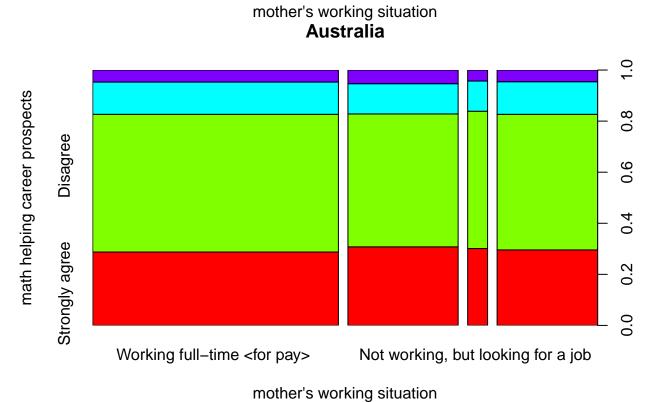


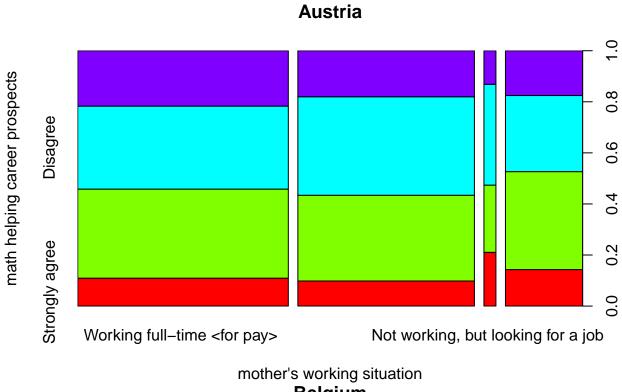
mother's working situation **United Arab Emirates**

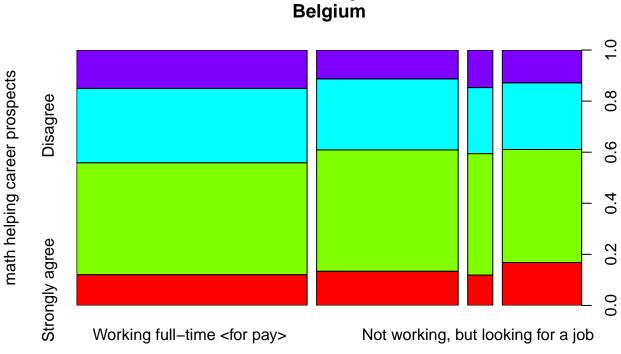


mother's working situation

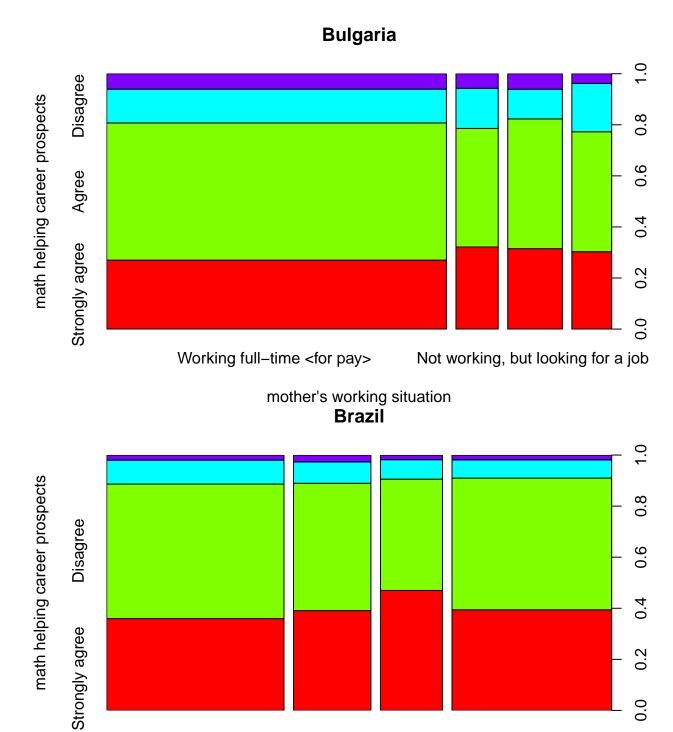








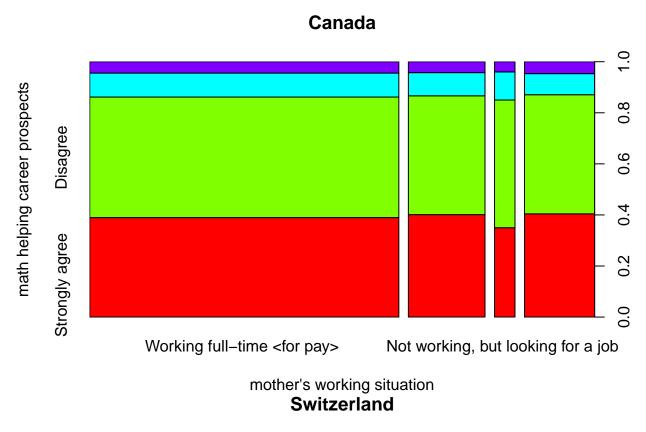
mother's working situation



mother's working situation

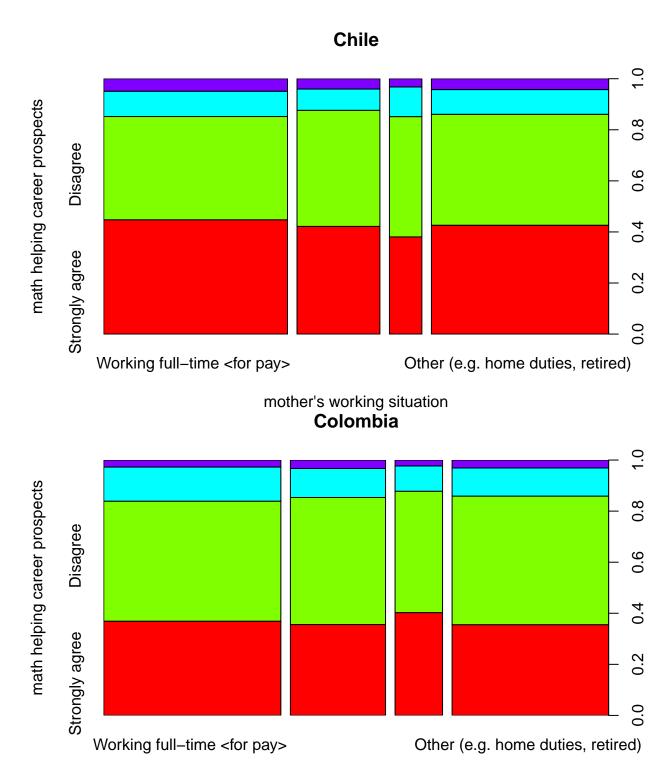
Other (e.g. home duties, retired)

Working full-time <for pay>

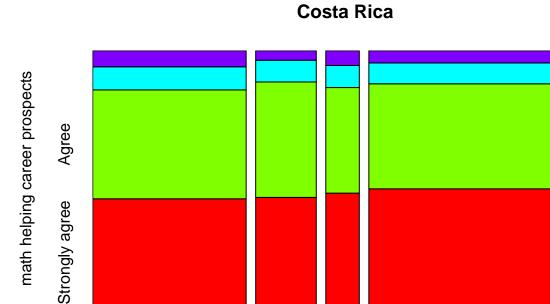




mother's working situation



mother's working situation



Working full-time <for pay>

Other (e.g. home duties, retired)

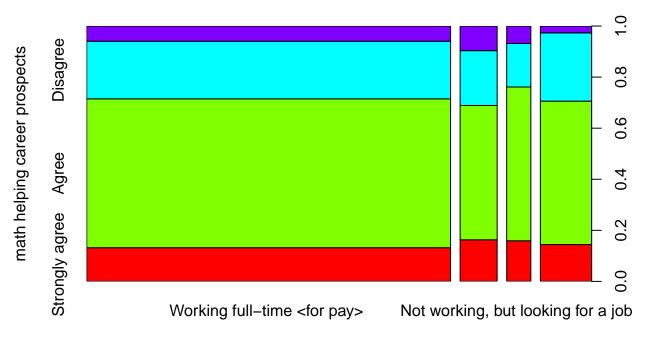
0.8

9.0

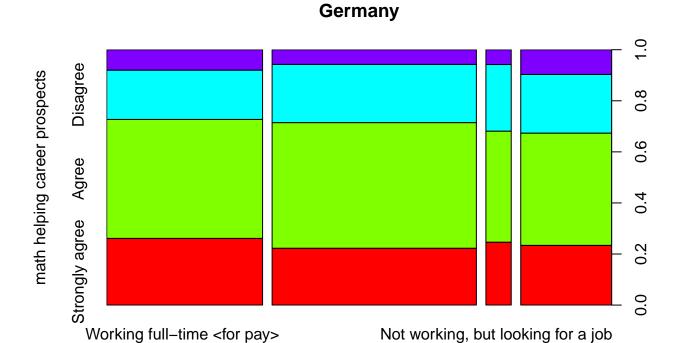
0.2

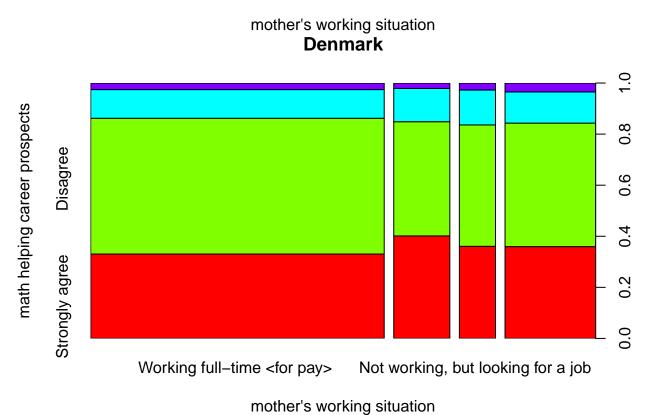
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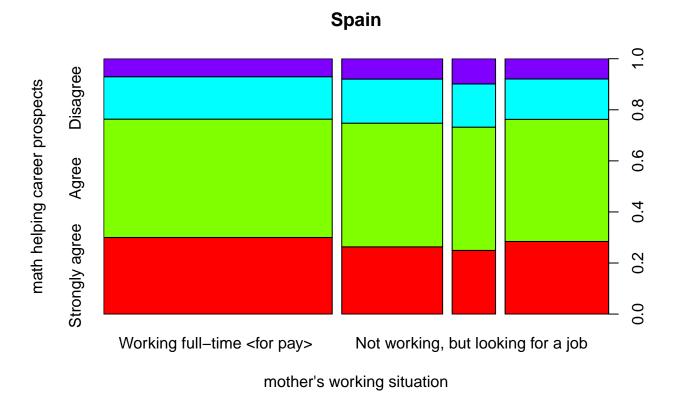
mother's working situation **Czech Republic**

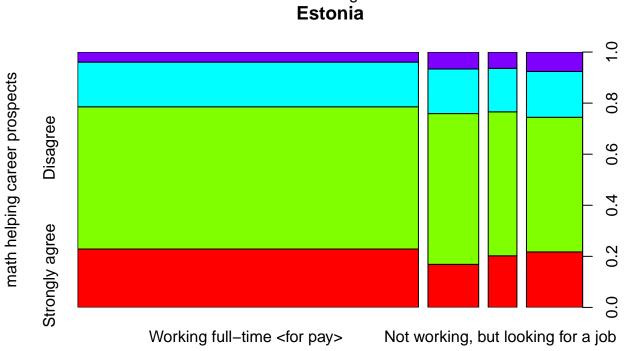


mother's working situation

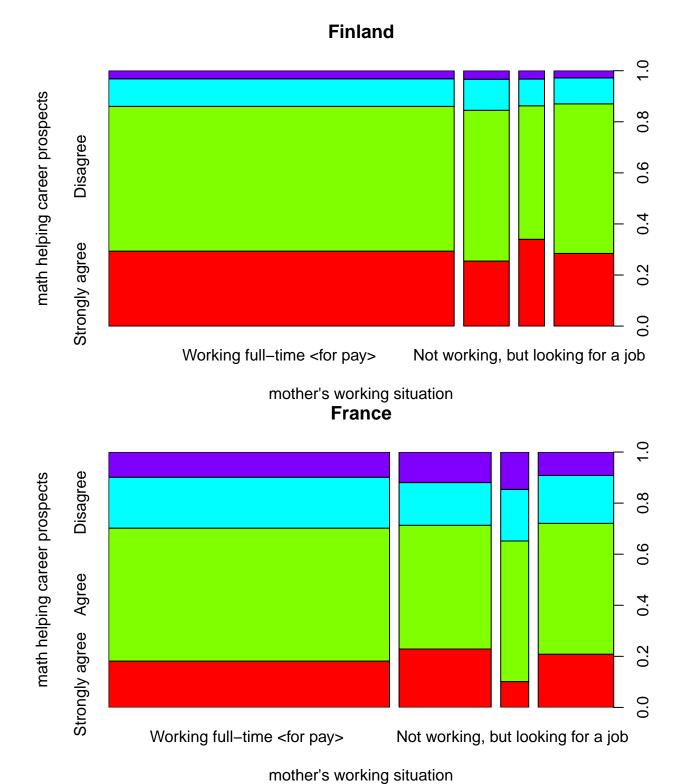








mother's working situation

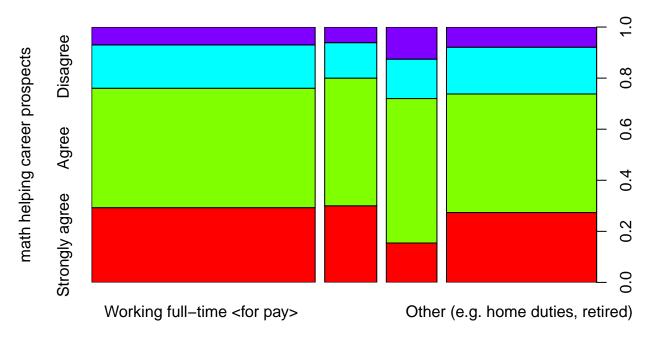


United Kingdom



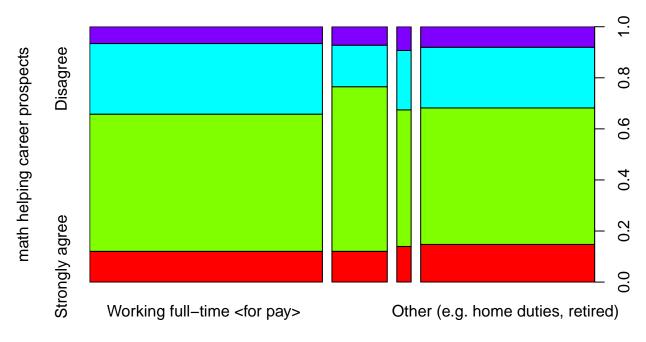
mother's working situation

Greece

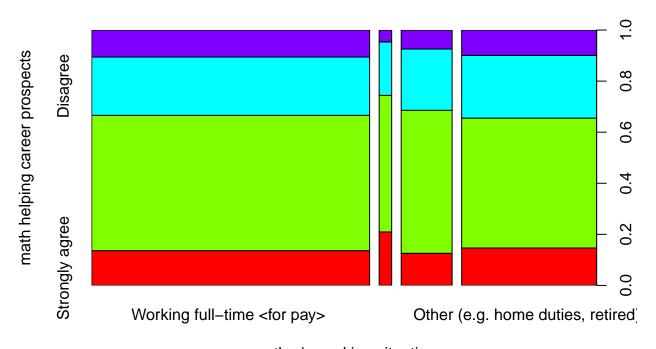


mother's working situation

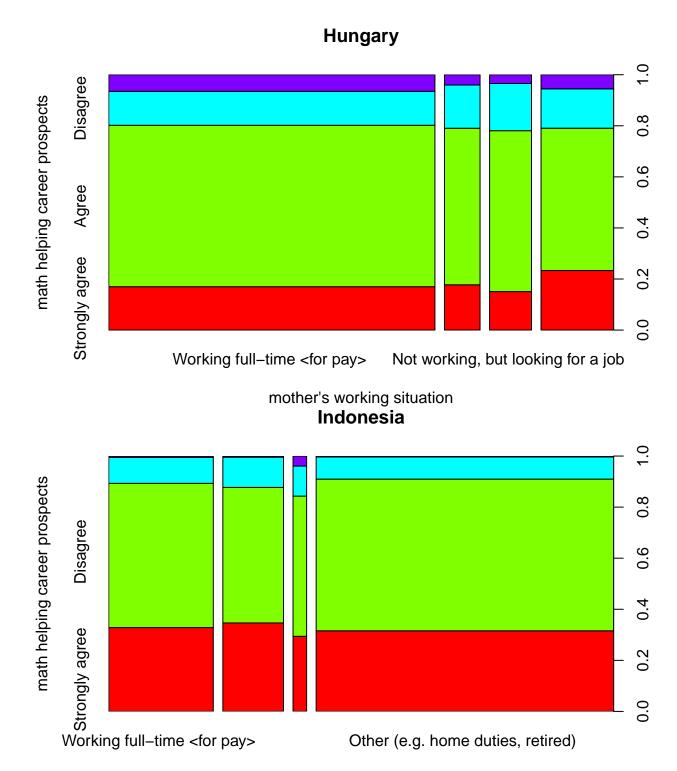
Hong Kong-China



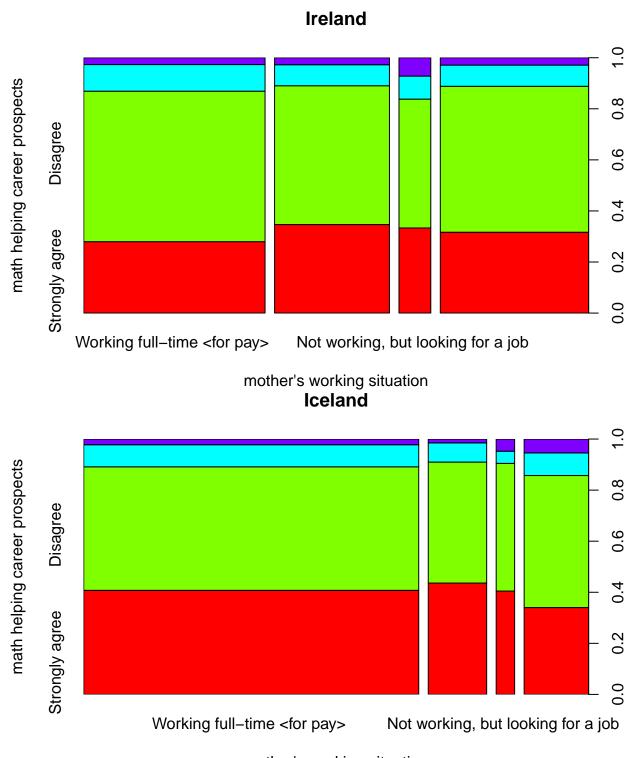
mother's working situation **Croatia**



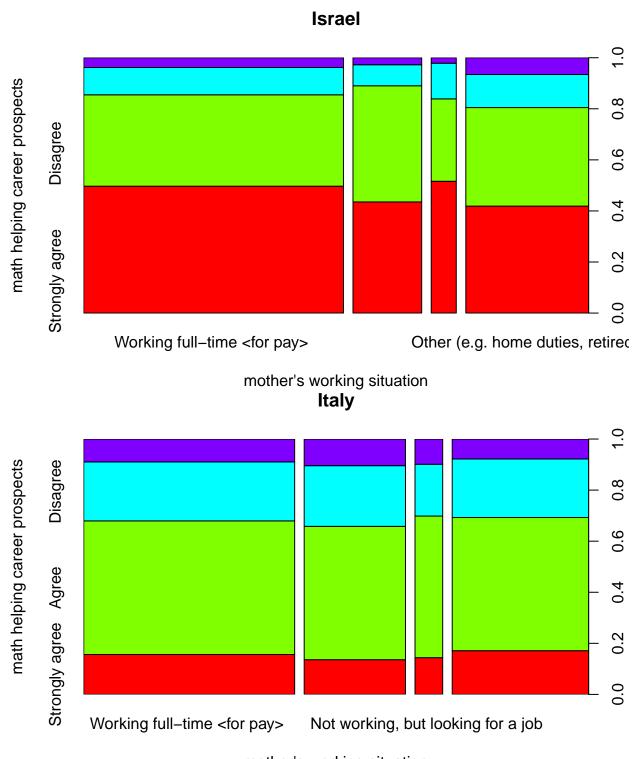
mother's working situation



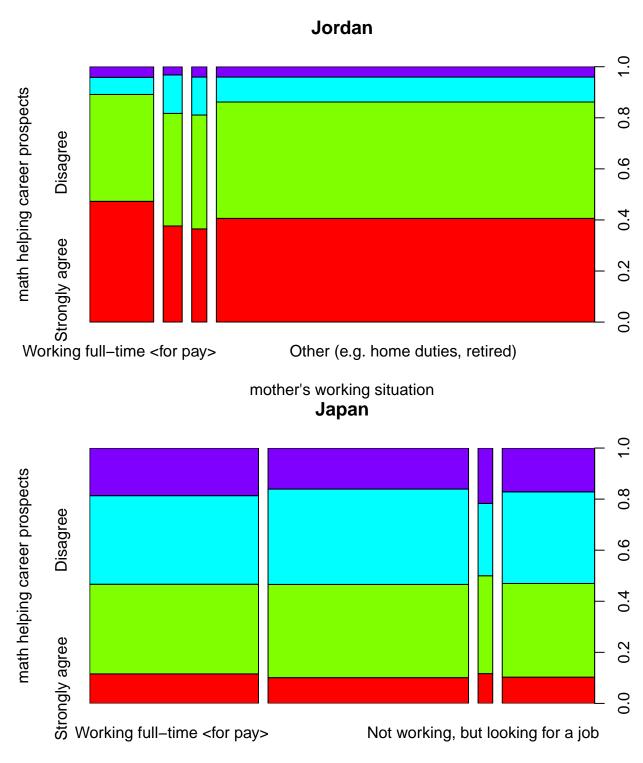
mother's working situation



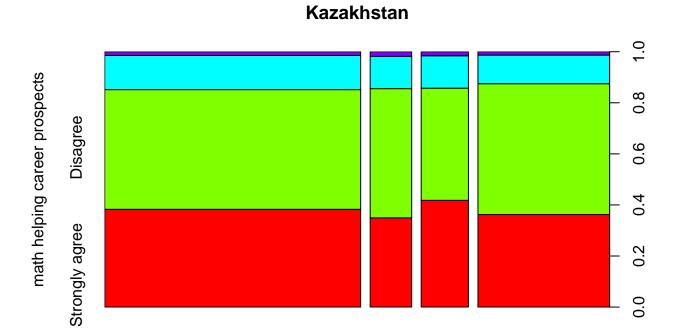
mother's working situation



mother's working situation



mother's working situation



mother's working situation **Korea**

Other (e.g. home duties, retired

Working full-time <for pay>

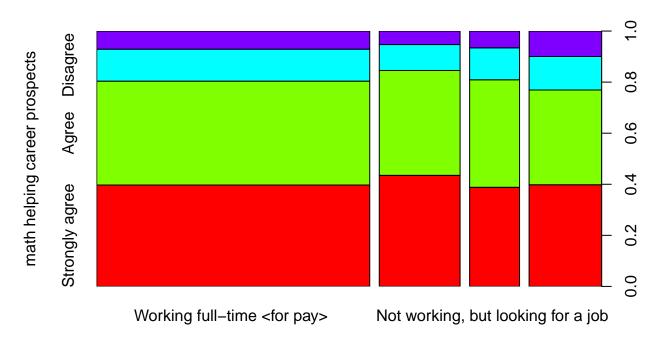
Strongly agree Disagree Disagree Disagree Other (e.g. home duties, retired) Other (e.g. home duties, retired)

mother's working situation

Liechtenstein

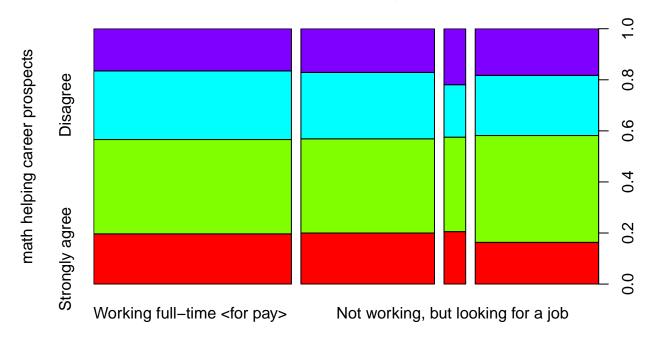


mother's working situation **Lithuania**

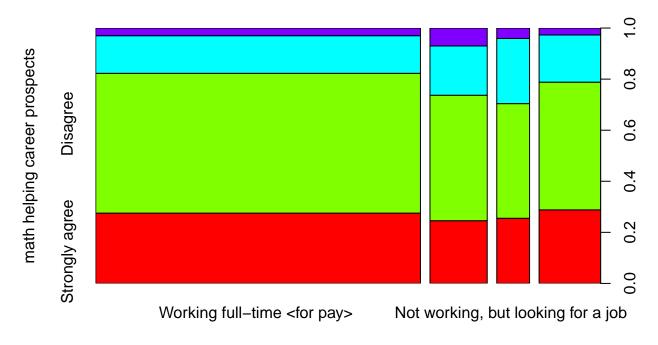


mother's working situation

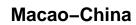


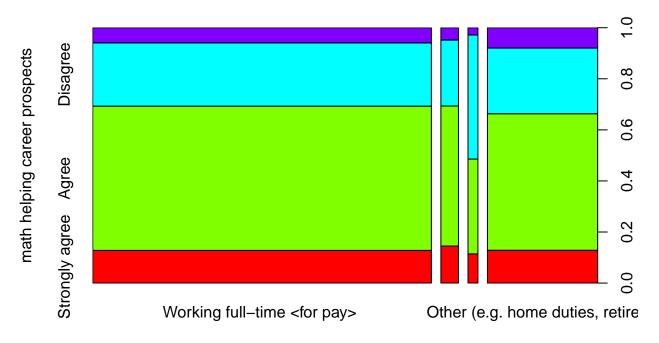


mother's working situation **Latvia**



mother's working situation

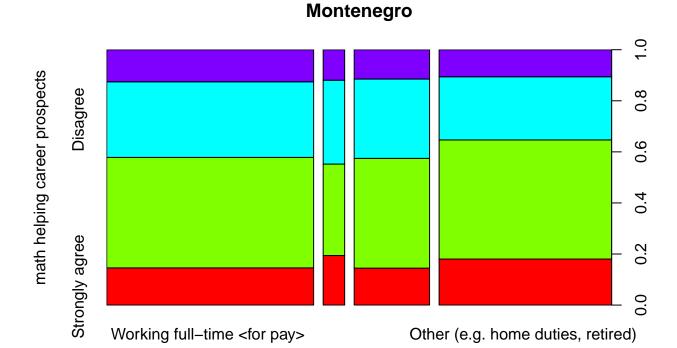


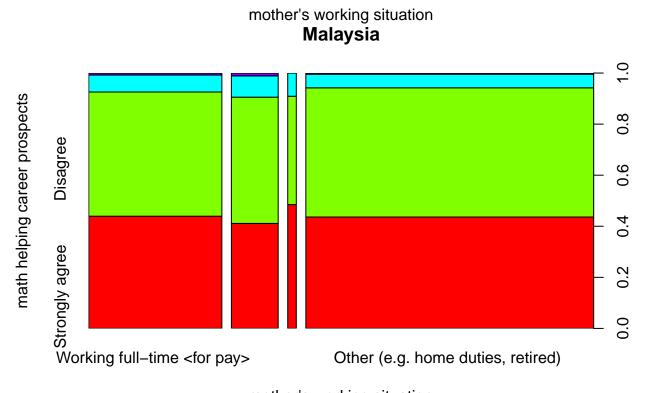


mother's working situation **Mexico**

Math helping career prospects Strongly agree Disagree Other (e.g. home drifted) Other (e.g. home drifted)

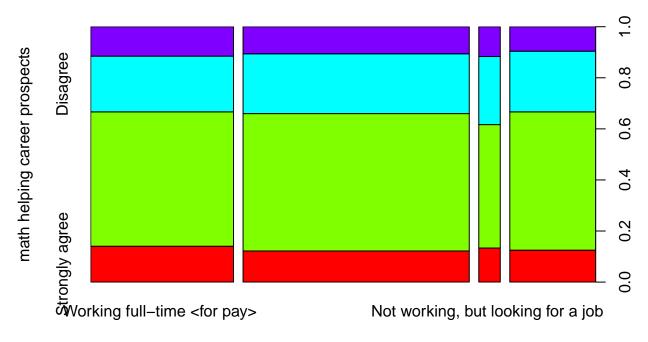
mother's working situation





mother's working situation

Netherlands

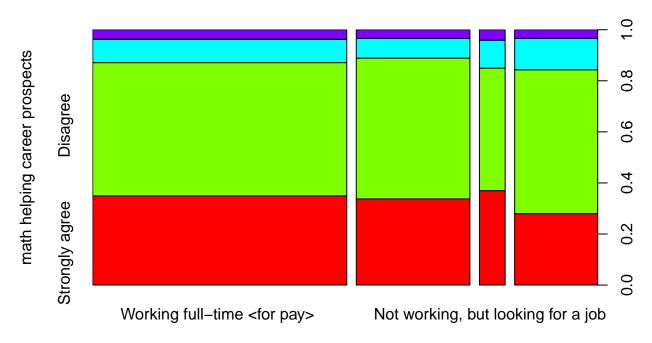


mother's working situation **Norway**



mother's working situation

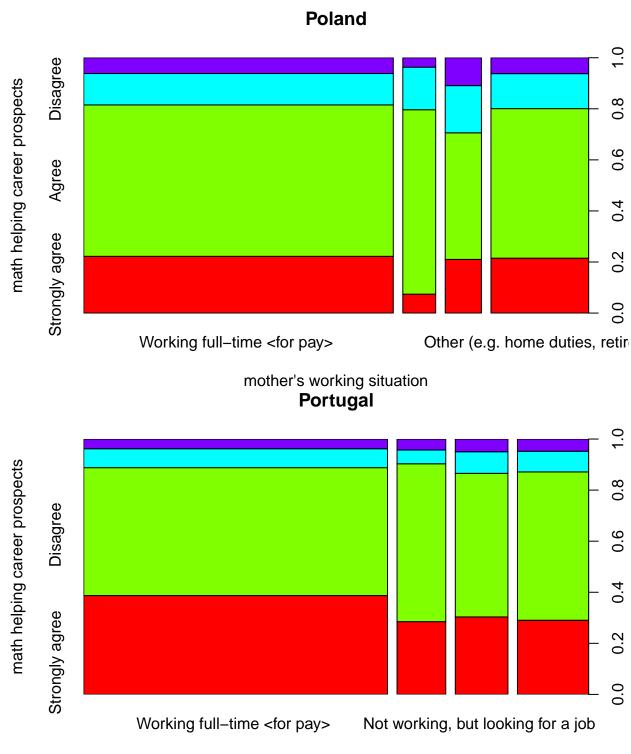




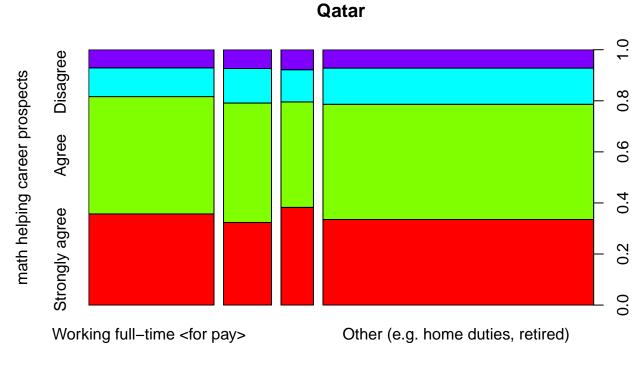
mother's working situation **Peru**

Math helping career prospects Strongly agree Disagree Disagree Morking till-time < for pay> Not working, but looking for a job

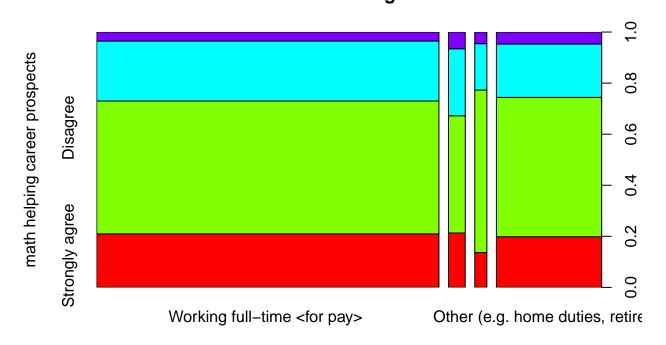
mother's working situation



mother's working situation



mother's working situation **China–Shanghai**



mother's working situation

Perm(Russian Federation)

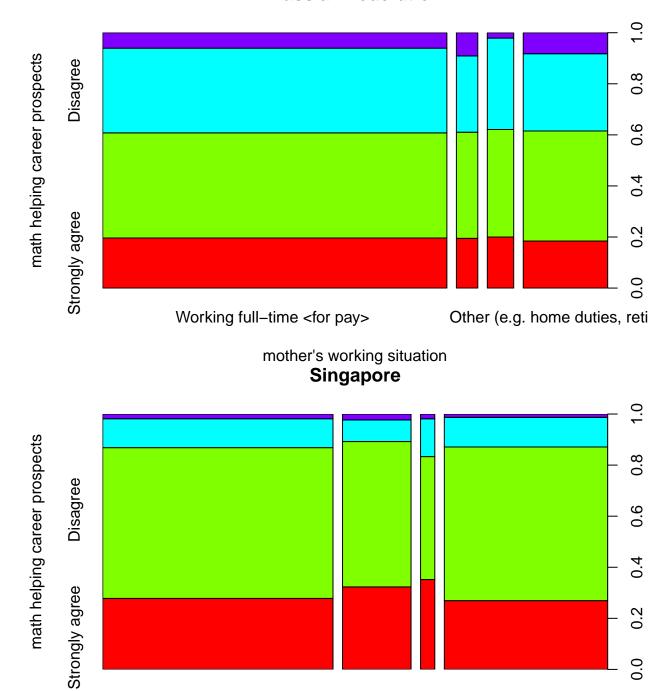


mother's working situation **Romania**

Strongly agree Disagree Disagree Disagree Other (e.g. home duties, retired) Other (e.g. home duties, retired)

mother's working situation

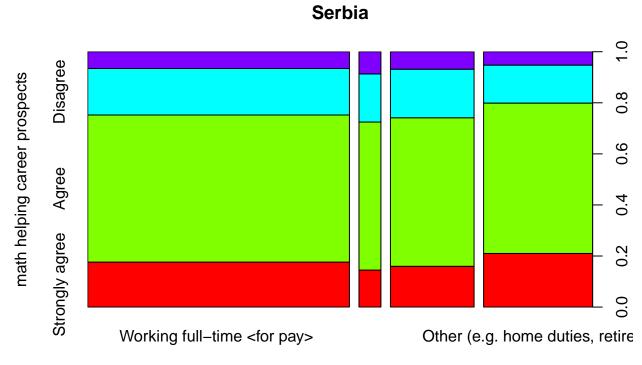
Russian Federation



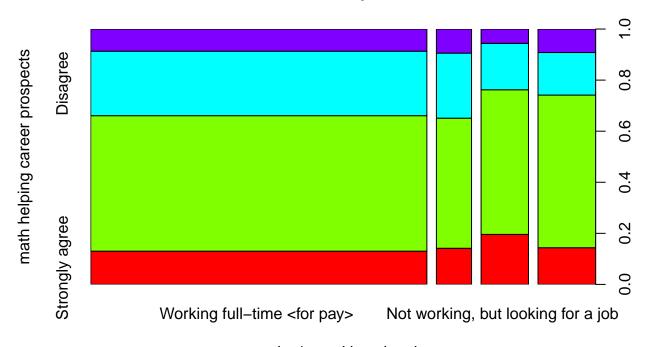
mother's working situation

Other (e.g. home duties, retired)

Working full-time <for pay>



mother's working situation **Slovak Republic**

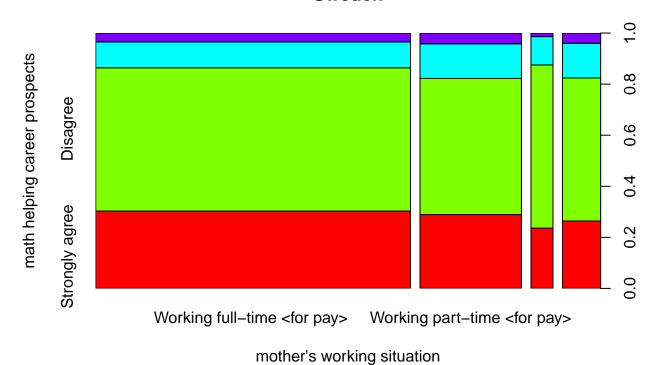


mother's working situation

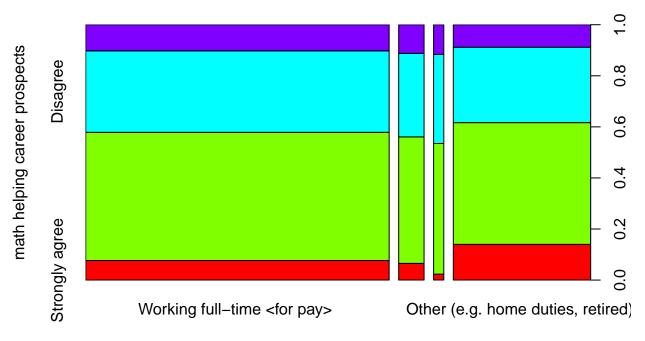




mother's working situation **Sweden**



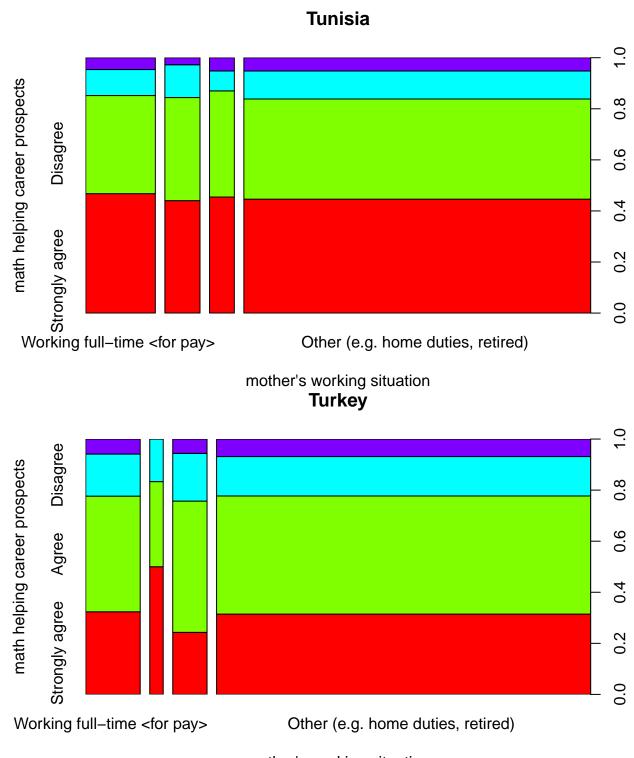




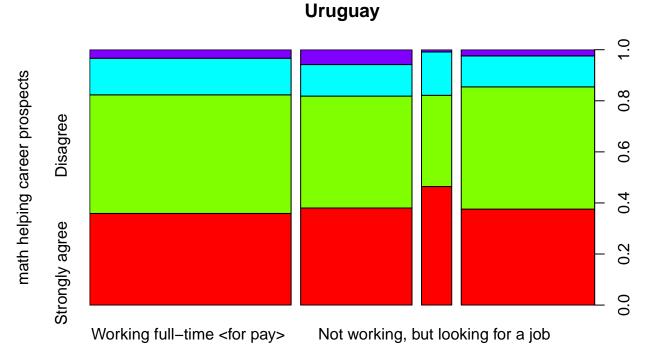
mother's working situation **Thailand**



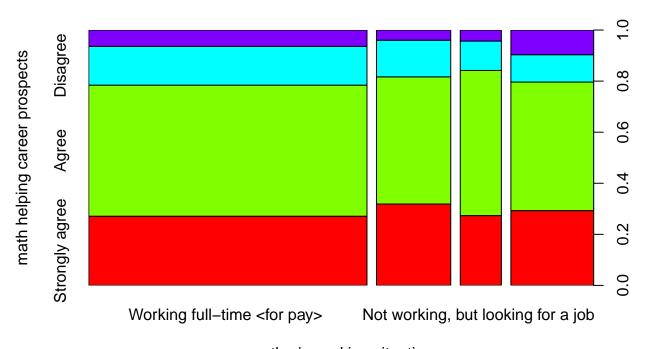
mother's working situation



mother's working situation

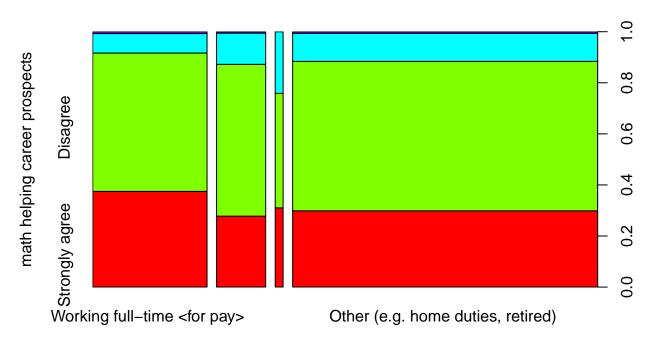


mother's working situation United States of America



mother's working situation

Vietnam



mother's working situation

```
## [[1]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      211
                                                            198
                                                       46
                                                             39
                                                                       8
##
     Working part-time <for pay>
                                                       87
##
     Not working, but looking for a job
                                                             80
                                                                       13
                                                      253
                                                            253
##
     Other (e.g. home duties, retired)
                                         math helping career prospects
##
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
                                                          16
##
##
     Working part-time <for pay>
                                                           3
##
     Not working, but looking for a job
                                                           4
                                                           9
##
     Other (e.g. home duties, retired)
##
##
   [[2]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                            345
                                                                       79
##
                                                      331
     Working part-time <for pay>
                                                       93
                                                            110
                                                                       25
##
##
     Not working, but looking for a job
                                                      104
                                                             94
                                                                       29
                                                      979
                                                           1097
##
     Other (e.g. home duties, retired)
                                                                      303
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                          37
     Working part-time <for pay>
                                                           7
##
##
     Not working, but looking for a job
                                                          14
##
     Other (e.g. home duties, retired)
                                                          97
##
## [[3]]
```

```
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                      207
                                                            271
##
     Working part-time <for pay>
                                                      127
                                                            233
                                                                       49
##
     Not working, but looking for a job
                                                       83
                                                            109
                                                                       25
##
     Other (e.g. home duties, retired)
                                                      244
                                                            342
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                          20
##
     Working part-time <for pay>
     Not working, but looking for a job
                                                          11
##
     Other (e.g. home duties, retired)
                                                          30
##
## [[4]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
##
                                                      660 1238
                                                                      290
                                                                      122
##
     Working part-time <for pay>
                                                      317
                                                            536
##
     Not working, but looking for a job
                                                       56
                                                            100
                                                                      22
##
     Other (e.g. home duties, retired)
                                                      278
                                                            499
                                                                      120
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
                                                         108
##
     Working part-time <for pay>
                                                          55
##
                                                           8
##
    Not working, but looking for a job
     Other (e.g. home duties, retired)
                                                          43
##
## [[5]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                       73
                                                            233
                                                                      217
##
     Working part-time <for pay>
                                                       55
                                                            188
                                                                      216
                                                        8
##
     Not working, but looking for a job
                                                             10
                                                                      15
##
     Other (e.g. home duties, retired)
                                                       35
                                                                       73
                                                             94
                                         math helping career prospects
                                          Strongly disagree
## mother's working situation
     Working full-time <for pay>
##
     Working part-time <for pay>
                                                         101
##
     Not working, but looking for a job
                                                           5
##
     Other (e.g. home duties, retired)
                                                          43
##
## [[6]]
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                      158
                                                            575
                                                                      224
##
     Working part-time <for pay>
                                                      108
                                                            383
##
     Not working, but looking for a job
                                                       17
                                                             68
                                                                      37
##
     Other (e.g. home duties, retired)
                                                       76
                                                            200
                                                                      118
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
##
                                                         197
##
     Working part-time <for pay>
                                                          91
##
    Not working, but looking for a job
                                                          21
     Other (e.g. home duties, retired)
                                                          58
```

```
##
## [[7]]
                                         math helping career prospects
##
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      304
                                                            605
                                                                      149
     Working part-time <for pay>
                                                       45
                                                             65
                                                                       22
##
     Not working, but looking for a job
                                                       57
                                                             92
                                                                       21
                                                                       25
##
     Other (e.g. home duties, retired)
                                                       40
                                                             62
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
     Working part-time <for pay>
                                                           8
##
##
     Not working, but looking for a job
                                                          11
##
     Other (e.g. home duties, retired)
                                                           5
##
## [[8]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
##
                                                      849 1244
                                                                      221
##
     Working part-time <for pay>
                                                      403
                                                            514
                                                                       86
##
    Not working, but looking for a job
                                                      388
                                                            360
                                                                       63
     Other (e.g. home duties, retired)
                                                      838 1097
                                                                      152
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                          47
     Working part-time <for pay>
                                                          28
##
     Not working, but looking for a job
                                                          15
##
     Other (e.g. home duties, retired)
                                                          40
##
## [[9]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                     1766 2140
                                                                      425
                                                                      102
##
     Working part-time <for pay>
                                                      451
                                                            523
##
     Not working, but looking for a job
                                                      105
                                                            150
                                                                       33
##
     Other (e.g. home duties, retired)
                                                      416
                                                            480
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
                                                         202
##
     Working part-time <for pay>
                                                          48
##
     Not working, but looking for a job
                                                          12
##
     Other (e.g. home duties, retired)
                                                          48
##
## [[10]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      224
                                                            524
                                                                      221
                                                      291
                                                            770
                                                                      422
##
     Working part-time <for pay>
##
     Not working, but looking for a job
                                                       29
                                                             63
                                                                       26
##
     Other (e.g. home duties, retired)
                                                      155
                                                            389
                                                                      175
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
    Working full-time <for pay>
                                                         122
     Working part-time <for pay>
                                                         150
```

```
##
     Not working, but looking for a job
                                                          11
##
     Other (e.g. home duties, retired)
                                                          61
##
## [[11]]
                                         math helping career prospects
                                          Strongly agree Agree Disagree
## mother's working situation
     Working full-time <for pay>
                                                      393
                                                            355
     Working part-time <for pay>
                                                                      33
##
                                                      167
                                                            180
##
     Not working, but looking for a job
                                                       59
                                                             73
                                                                      18
##
     Other (e.g. home duties, retired)
                                                      361
                                                            368
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                          43
##
     Working part-time <for pay>
                                                          16
##
     Not working, but looking for a job
                                                           5
##
     Other (e.g. home duties, retired)
                                                          36
##
## [[12]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
    Working full-time <for pay>
                                                      417
                                                            531
                                                                     151
     Working part-time <for pay>
                                                      216
                                                            302
                                                                      69
##
     Not working, but looking for a job
                                                      122
                                                            144
                                                                      30
     Other (e.g. home duties, retired)
                                                      355
                                                            503
##
                                                                     110
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
     Working part-time <for pay>
                                                          20
##
##
     Not working, but looking for a job
                                                           7
     Other (e.g. home duties, retired)
                                                          31
##
## [[13]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      200
                                                            203
     Working part-time <for pay>
                                                       80
                                                             85
                                                                      16
##
##
     Not working, but looking for a job
                                                       46
                                                             43
                                                                       9
##
     Other (e.g. home duties, retired)
                                                      326
                                                            292
                                                                      58
                                         math helping career prospects
##
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
##
     Working part-time <for pay>
                                                           7
     Not working, but looking for a job
                                                           6
##
##
     Other (e.g. home duties, retired)
                                                          34
##
## [[14]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      175
                                                            773
                                                                     299
                                                             71
##
     Working part-time <for pay>
                                                       22
                                                                      29
##
    Not working, but looking for a job
                                                       14
                                                             53
                                                                      15
##
     Other (e.g. home duties, retired)
                                                       27
                                                            105
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
```

```
##
     Working full-time <for pay>
                                                          79
##
     Working part-time <for pay>
                                                          13
##
     Not working, but looking for a job
                                                           6
                                                           5
##
     Other (e.g. home duties, retired)
##
## [[15]]
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      111
                                                            198
                                                                      82
                                                                     127
##
     Working part-time <for pay>
                                                      124
                                                            274
     Not working, but looking for a job
                                                       17
                                                             30
                                                                      18
##
     Other (e.g. home duties, retired)
                                                       58
                                                            109
                                                                      57
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
                                                          34
##
##
     Working part-time <for pay>
                                                          32
##
                                                           4
     Not working, but looking for a job
     Other (e.g. home duties, retired)
                                                          24
##
## [[16]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                            790
                                                                     167
##
                                                      491
     Working part-time <for pay>
                                                            127
                                                                      37
##
                                                      114
                                                                      25
##
    Not working, but looking for a job
                                                       66
                                                             87
     Other (e.g. home duties, retired)
                                                      165
                                                            222
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                          38
##
     Working part-time <for pay>
                                                           6
##
     Not working, but looking for a job
                                                           5
##
     Other (e.g. home duties, retired)
                                                          16
##
## [[17]]
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
    Working full-time <for pay>
                                                     1184 1830
                                                                     656
##
     Working part-time <for pay>
                                                      459
                                                            844
                                                                     301
##
     Not working, but looking for a job
                                                      187
                                                            362
                                                                     127
##
     Other (e.g. home duties, retired)
                                                      509
                                                            856
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
    Working full-time <for pay>
##
    Working part-time <for pay>
                                                         139
                                                          74
     Not working, but looking for a job
##
     Other (e.g. home duties, retired)
                                                         142
##
## [[18]]
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
    Working full-time <for pay>
                                                                     195
##
                                                      255
                                                            621
##
    Working part-time <for pay>
                                                       28
                                                             98
                                                                      29
##
    Not working, but looking for a job
                                                       19
                                                             53
                                                                      16
##
     Other (e.g. home duties, retired)
                                                       40
                                                             97
                                                                      33
```

```
math helping career prospects
##
## mother's working situation
                                          Strongly disagree
    Working full-time <for pay>
##
     Working part-time <for pay>
                                                          11
##
     Not working, but looking for a job
                                                           6
     Other (e.g. home duties, retired)
                                                          14
##
## [[19]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                     603 1165
                                                                     222
##
     Working part-time <for pay>
                                                      69
                                                            160
                                                                      33
##
    Not working, but looking for a job
                                                      52
                                                             80
                                                                      16
##
     Other (e.g. home duties, retired)
                                                     101
                                                            208
                                                                      36
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
##
                                                          65
##
     Working part-time <for pay>
                                                           9
    Not working, but looking for a job
                                                           5
##
##
     Other (e.g. home duties, retired)
                                                          10
##
## [[20]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
##
                                                      162
                                                            465
                                                                     178
     Working part-time <for pay>
                                                      67
                                                            142
                                                                      49
##
     Not working, but looking for a job
                                                       9
                                                             49
                                                                      18
                                                      50
##
     Other (e.g. home duties, retired)
                                                            123
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
##
    Working part-time <for pay>
                                                          35
##
     Not working, but looking for a job
                                                          13
                                                          22
##
     Other (e.g. home duties, retired)
##
## [[21]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                     773
                                                            993
                                                                     134
##
                                                     399
##
     Working part-time <for pay>
                                                            535
                                                                      91
    Not working, but looking for a job
                                                     104
                                                            160
                                                                      19
##
     Other (e.g. home duties, retired)
                                                     286
                                                            393
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
                                                          44
                                                          23
##
     Working part-time <for pay>
##
     Not working, but looking for a job
                                                           8
##
     Other (e.g. home duties, retired)
                                                          24
##
## [[22]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
    Working full-time <for pay>
                                                     226
                                                            361
                                                                     131
    Working part-time <for pay>
                                                      54
                                                             90
```

```
##
     Not working, but looking for a job
                                                       27
                                                             99
                                                                       27
##
                                                      142
                                                            241
     Other (e.g. home duties, retired)
                                         math helping career prospects
##
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
     Working part-time <for pay>
##
                                                          11
     Not working, but looking for a job
                                                          22
##
     Other (e.g. home duties, retired)
                                                          41
##
## [[23]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                            375
                                                                      193
                                                       84
                                                       20
##
     Working part-time <for pay>
                                                            107
                                                                       27
##
     Not working, but looking for a job
                                                             23
                                                                       10
                                                        6
##
     Other (e.g. home duties, retired)
                                                       77
                                                            279
                                                                      124
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
##
                                                          46
##
     Working part-time <for pay>
                                                          12
##
     Not working, but looking for a job
                                                           4
     Other (e.g. home duties, retired)
                                                          42
##
## [[24]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                                      218
##
                                                      130
                                                            506
##
     Working part-time <for pay>
                                                        9
                                                             23
                                                                        9
##
                                                       22
                                                             98
                                                                       42
     Not working, but looking for a job
##
     Other (e.g. home duties, retired)
                                                       68
                                                            236
                                                                      114
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                         101
                                                           2
##
     Working part-time <for pay>
##
     Not working, but looking for a job
                                                          13
##
     Other (e.g. home duties, retired)
                                                          46
##
## [[25]]
##
                                          math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                      193
                                                            718
                                                                      151
##
     Working part-time <for pay>
                                                       22
                                                             76
                                                                       21
##
     Not working, but looking for a job
                                                             92
                                                                       27
##
     Other (e.g. home duties, retired)
                                                       59
                                                            141
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                          74
                                                           5
##
     Working part-time <for pay>
     Not working, but looking for a job
                                                           5
##
     Other (e.g. home duties, retired)
                                                          14
##
## [[26]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
```

```
##
     Working full-time <for pay>
                                                      129
                                                            222
                                                                      40
##
     Working part-time <for pay>
                                                       79
                                                            121
                                                                       27
##
     Not working, but looking for a job
                                                       15
                                                             28
                                                                       6
     Other (e.g. home duties, retired)
                                                      353
                                                                      97
##
                                                            664
                                         math helping career prospects
##
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
     Working part-time <for pay>
##
                                                           1
##
     Not working, but looking for a job
                                                           2
##
     Other (e.g. home duties, retired)
                                                           4
##
## [[27]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      177
                                                            373
##
     Working part-time <for pay>
                                                      139
                                                            218
                                                                      33
##
     Not working, but looking for a job
                                                       37
                                                             56
                                                                      10
##
     Other (e.g. home duties, retired)
                                                      164
                                                            296
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                          17
     Working part-time <for pay>
                                                          11
     Not working, but looking for a job
##
                                                           8
     Other (e.g. home duties, retired)
                                                          15
##
##
## [[28]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
##
                                                            369
                                                      311
     Working part-time <for pay>
##
                                                       58
                                                             63
                                                                      10
     Not working, but looking for a job
                                                                       2
##
                                                       17
                                                             21
##
     Other (e.g. home duties, retired)
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
##
    Working part-time <for pay>
                                                           2
     Not working, but looking for a job
                                                           2
##
     Other (e.g. home duties, retired)
                                                           8
##
## [[29]]
                                         math helping career prospects
##
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                      479
                                                            345
     Working part-time <for pay>
                                                      111
##
                                                            116
                                                                       21
                                                       48
                                                             30
                                                                      13
     Not working, but looking for a job
##
     Other (e.g. home duties, retired)
                                                      191
                                                            176
                                                                      59
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                          37
                                                           7
##
     Working part-time <for pay>
##
     Not working, but looking for a job
                                                           2
##
     Other (e.g. home duties, retired)
                                                          30
##
## [[30]]
```

```
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                      687 2300
                                                                    1015
                                                                     502
##
     Working part-time <for pay>
                                                      287 1102
##
     Not working, but looking for a job
                                                       83
                                                            320
                                                                     117
##
     Other (e.g. home duties, retired)
                                                      487 1483
                                                                     652
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                         394
                                                         220
##
     Working part-time <for pay>
     Not working, but looking for a job
                                                          57
##
     Other (e.g. home duties, retired)
                                                         222
##
## [[31]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      148
                                                            131
##
     Working part-time <for pay>
                                                       35
                                                             41
                                                                      14
##
     Not working, but looking for a job
                                                       27
                                                             33
                                                                      11
##
     Other (e.g. home duties, retired)
                                                      752
                                                            844
                                                                     181
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
##
                                                          13
     Working part-time <for pay>
                                                           3
##
                                                           3
##
     Not working, but looking for a job
     Other (e.g. home duties, retired)
                                                          75
##
## [[32]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                       80
                                                            243
                                                                     240
##
     Working part-time <for pay>
                                                       83
                                                            300
                                                                     307
                                                        7
                                                             23
##
     Not working, but looking for a job
                                                                      17
##
     Other (e.g. home duties, retired)
                                                       39
                                                            139
                                                                     136
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
                                                         129
##
     Working part-time <for pay>
                                                         132
     Not working, but looking for a job
                                                          13
##
     Other (e.g. home duties, retired)
                                                          65
##
## [[33]]
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                      392
                                                            480
                                                                     137
                                                                       21
##
     Working part-time <for pay>
                                                       58
                                                             84
                                                       79
##
     Not working, but looking for a job
                                                             83
##
     Other (e.g. home duties, retired)
                                                      191
                                                            270
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
##
                                                          15
##
     Working part-time <for pay>
                                                           3
##
    Not working, but looking for a job
                                                           3
     Other (e.g. home duties, retired)
```

```
##
## [[34]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      104
                                                            355
                                                                      145
     Working part-time <for pay>
                                                       33
                                                             92
                                                                       59
##
     Not working, but looking for a job
                                                        6
                                                             16
                                                            271
##
     Other (e.g. home duties, retired)
                                                       82
                                                                      125
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
##
     Working part-time <for pay>
                                                          38
##
     Not working, but looking for a job
                                                           5
##
     Other (e.g. home duties, retired)
                                                          84
##
## [[35]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
##
                                                       10
                                                              8
                                                                        3
##
     Working part-time <for pay>
                                                        8
                                                             16
                                                                        8
##
    Not working, but looking for a job
                                                        3
                                                              1
                                                                        1
     Other (e.g. home duties, retired)
                                                        7
                                                             15
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
     Working part-time <for pay>
                                                           2
##
     Not working, but looking for a job
                                                           1
     Other (e.g. home duties, retired)
##
                                                           1
##
## [[36]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      330
                                                            338
                                                                      104
                                                      107
                                                                       25
##
     Working part-time <for pay>
                                                            101
##
     Not working, but looking for a job
                                                       59
                                                             64
                                                                       19
##
     Other (e.g. home duties, retired)
                                                       88
                                                             82
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
##
##
     Working part-time <for pay>
                                                          13
     Not working, but looking for a job
                                                          10
##
     Other (e.g. home duties, retired)
                                                          22
##
## [[37]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      131
                                                            246
                                                                      179
                                                            166
##
     Working part-time <for pay>
                                                       90
                                                                      117
##
     Not working, but looking for a job
                                                       15
                                                             27
                                                                       15
##
     Other (e.g. home duties, retired)
                                                       68
                                                            174
                                                                       98
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
    Working full-time <for pay>
                                                         110
    Working part-time <for pay>
                                                          77
```

```
##
     Not working, but looking for a job
                                                          16
##
     Other (e.g. home duties, retired)
                                                          76
##
## [[38]]
                                         math helping career prospects
                                          Strongly agree Agree Disagree
## mother's working situation
     Working full-time <for pay>
                                                      267
                                                            531
     Working part-time <for pay>
##
                                                       42
                                                             84
                                                                       33
##
     Not working, but looking for a job
                                                       25
                                                             44
                                                                       25
##
                                                             92
     Other (e.g. home duties, retired)
                                                       53
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
##
     Working part-time <for pay>
                                                          12
##
     Not working, but looking for a job
                                                           4
##
     Other (e.g. home duties, retired)
                                                           5
##
## [[39]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
    Working full-time <for pay>
                                                      153
                                                            675
                                                                      296
     Working part-time <for pay>
                                                        9
                                                             34
##
##
     Not working, but looking for a job
                                                        4
                                                                      17
                                                             13
     Other (e.g. home duties, retired)
                                                       50
                                                            208
                                                                     100
##
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                          71
     Working part-time <for pay>
                                                           3
##
##
     Not working, but looking for a job
                                                           1
     Other (e.g. home duties, retired)
                                                          31
##
## [[40]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                     1121 1189
                                                                      161
     Working part-time <for pay>
                                                      915 1029
                                                                     162
##
##
     Not working, but looking for a job
                                                      321
                                                            338
                                                                      40
##
     Other (e.g. home duties, retired)
                                                     2740 2792
                                                                     279
                                         math helping career prospects
##
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
     Working part-time <for pay>
##
                                                          39
     Not working, but looking for a job
##
                                                          11
##
     Other (e.g. home duties, retired)
                                                          63
## [[41]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                       94
                                                            279
                                                                     191
                                                                      22
##
     Working part-time <for pay>
                                                       13
                                                             24
##
    Not working, but looking for a job
                                                            101
                                                                      73
                                                       34
##
     Other (e.g. home duties, retired)
                                                       97
                                                            251
                                                                      133
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
```

```
##
     Working full-time <for pay>
                                                          81
##
     Working part-time <for pay>
                                                          8
     Not working, but looking for a job
##
                                                          27
     Other (e.g. home duties, retired)
##
                                                          57
##
## [[42]]
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      225
                                                            249
                                                                      15
##
     Working part-time <for pay>
                                                       74
                                                             89
     Not working, but looking for a job
                                                       16
                                                             14
                                                                       3
                                                                      59
##
     Other (e.g. home duties, retired)
                                                      483
                                                            560
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                           4
                                                           2
##
     Working part-time <for pay>
##
                                                           0
     Not working, but looking for a job
                                                           5
     Other (e.g. home duties, retired)
##
## [[43]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                            210
                                                                      87
##
                                                       56
     Working part-time <for pay>
                                                       77
                                                            340
                                                                     148
##
##
                                                             29
    Not working, but looking for a job
                                                       8
                                                                      16
     Other (e.g. home duties, retired)
                                                       30
                                                            130
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                          46
                                                          67
##
     Working part-time <for pay>
     Not working, but looking for a job
##
                                                           7
##
     Other (e.g. home duties, retired)
                                                          23
##
## [[44]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
    Working full-time <for pay>
                                                      325
                                                            447
                                                                     124
##
    Working part-time <for pay>
                                                            158
                                                                      28
                                                       86
##
     Not working, but looking for a job
                                                       10
                                                             20
                                                                       8
##
     Other (e.g. home duties, retired)
                                                       44
                                                             88
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
    Working full-time <for pay>
                                                          56
##
    Working part-time <for pay>
                                                          27
     Not working, but looking for a job
                                                           4
##
     Other (e.g. home duties, retired)
                                                          17
##
## [[45]]
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
    Working full-time <for pay>
                                                            377
                                                      252
                                                                      66
                                                      109
                                                                      25
##
    Working part-time <for pay>
                                                            178
##
    Not working, but looking for a job
                                                       27
                                                             35
                                                                       8
##
     Other (e.g. home duties, retired)
                                                       66
                                                            133
                                                                      29
```

```
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
    Working full-time <for pay>
                                                          27
##
     Working part-time <for pay>
                                                          11
##
     Not working, but looking for a job
                                                           3
     Other (e.g. home duties, retired)
                                                           8
##
## [[46]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                      182
                                                            184
##
     Working part-time <for pay>
                                                      254
                                                            260
                                                                      31
##
    Not working, but looking for a job
                                                       85
                                                            125
                                                                      17
##
     Other (e.g. home duties, retired)
                                                      340
                                                            379
                                                                      17
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
##
                                                           4
##
     Working part-time <for pay>
                                                           4
    Not working, but looking for a job
                                                           2
##
##
     Other (e.g. home duties, retired)
                                                           4
##
## [[47]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
##
                                                      226
                                                            603
                                                                     125
     Working part-time <for pay>
                                                       8
                                                             78
                                                                      18
##
     Not working, but looking for a job
                                                       25
                                                                      22
                                                             59
                                                       69
##
     Other (e.g. home duties, retired)
                                                            188
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                          63
##
    Working part-time <for pay>
                                                           4
##
     Not working, but looking for a job
                                                          13
                                                          20
##
     Other (e.g. home duties, retired)
##
## [[48]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                      449
                                                            581
##
##
     Working part-time <for pay>
                                                                      10
                                                       53
                                                            115
    Not working, but looking for a job
                                                            113
                                                                      17
##
     Other (e.g. home duties, retired)
                                                       79
                                                            158
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
                                                          44
##
     Working part-time <for pay>
                                                           8
##
     Not working, but looking for a job
                                                          10
##
     Other (e.g. home duties, retired)
                                                          13
##
## [[49]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
    Working full-time <for pay>
                                                      317
                                                            408
                                                                     100
    Working part-time <for pay>
                                                      110
                                                            159
                                                                      46
```

```
##
     Not working, but looking for a job
                                                       88
                                                             95
##
     Other (e.g. home duties, retired)
                                                      643
                                                            866
                                                                      272
                                         math helping career prospects
##
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
     Working part-time <for pay>
                                                          25
##
     Not working, but looking for a job
                                                          18
     Other (e.g. home duties, retired)
##
                                                         138
##
## [[50]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                      261
                                                            648
     Working part-time <for pay>
##
                                                       13
                                                             28
                                                                       16
##
     Not working, but looking for a job
                                                        6
                                                             28
                                                                        8
##
     Other (e.g. home duties, retired)
                                                       76
                                                            209
                                                                       80
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
##
                                                          44
##
     Working part-time <for pay>
                                                           4
##
     Not working, but looking for a job
                                                           2
     Other (e.g. home duties, retired)
                                                          18
##
## [[51]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                       77
                                                                      134
                                                            190
     Working part-time <for pay>
##
                                                             11
                                                                        9
                                                                        7
##
     Not working, but looking for a job
                                                       10
                                                             11
##
     Other (e.g. home duties, retired)
                                                       13
                                                                       24
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                          23
                                                           3
##
     Working part-time <for pay>
##
     Not working, but looking for a job
                                                           1
##
     Other (e.g. home duties, retired)
                                                           5
##
## [[52]]
##
                                          math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                      129
                                                            204
     Working part-time <for pay>
##
                                                       20
                                                             36
                                                                       50
##
     Not working, but looking for a job
                                                       40
                                                             45
                                                                      72
##
                                                       71
     Other (e.g. home duties, retired)
                                                            126
                                                                      218
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                         146
##
     Working part-time <for pay>
                                                          14
     Not working, but looking for a job
                                                          25
##
     Other (e.g. home duties, retired)
                                                          76
##
## [[53]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
```

```
##
     Working full-time <for pay>
                                                      243
                                                            510
                                                                     411
##
     Working part-time <for pay>
                                                             32
                                                                      23
                                                       15
##
     Not working, but looking for a job
                                                       19
                                                             40
                                                                      34
     Other (e.g. home duties, retired)
                                                                      92
##
                                                       56
                                                            131
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
                                                          75
     Working part-time <for pay>
                                                           7
##
##
     Not working, but looking for a job
                                                           2
##
     Other (e.g. home duties, retired)
                                                          25
##
## [[54]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      243
                                                            516
##
     Working part-time <for pay>
                                                       84
                                                            148
                                                                       22
##
     Not working, but looking for a job
                                                       19
                                                             26
                                                                       8
##
     Other (e.g. home duties, retired)
                                                      167
                                                            373
                                                                      72
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                          16
     Working part-time <for pay>
                                                           6
    Not working, but looking for a job
                                                           1
##
     Other (e.g. home duties, retired)
                                                           8
##
##
## [[55]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
##
                                                            474
                                                                     150
                                                      145
##
     Working part-time <for pay>
                                                       10
                                                             40
                                                                      13
     Not working, but looking for a job
##
                                                       42
                                                            153
                                                                      50
##
     Other (e.g. home duties, retired)
                                                       72
                                                            202
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
##
    Working part-time <for pay>
                                                           6
     Not working, but looking for a job
                                                          18
##
     Other (e.g. home duties, retired)
                                                          18
##
## [[56]]
                                         math helping career prospects
##
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                      132
                                                            538
                                                             54
                                                                       27
##
     Working part-time <for pay>
                                                       15
                                                       28
                                                             81
     Not working, but looking for a job
                                                                       29
##
     Other (e.g. home duties, retired)
                                                       25
                                                            104
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                          88
##
     Working part-time <for pay>
                                                          10
##
     Not working, but looking for a job
                                                           8
##
     Other (e.g. home duties, retired)
                                                          16
##
## [[57]]
```

```
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                      209
                                                            736
                                                                      22
##
     Working part-time <for pay>
                                                       22
                                                             65
##
     Not working, but looking for a job
                                                       16
                                                             75
                                                                       19
##
     Other (e.g. home duties, retired)
                                                       35
                                                             93
                                                                      30
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
##
     Working full-time <for pay>
                                                         117
##
     Working part-time <for pay>
                                                           7
     Not working, but looking for a job
                                                           7
##
     Other (e.g. home duties, retired)
                                                          19
##
## [[58]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      312
                                                            578
                                                                     104
##
     Working part-time <for pay>
                                                       96
                                                            177
                                                                      45
##
     Not working, but looking for a job
                                                       17
                                                             46
                                                                       8
##
     Other (e.g. home duties, retired)
                                                       33
                                                             70
                                                                       17
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
##
                                                          36
     Working part-time <for pay>
                                                          14
##
                                                           1
##
    Not working, but looking for a job
     Other (e.g. home duties, retired)
##
## [[59]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                       98
                                                            642
                                                                      408
##
     Working part-time <for pay>
                                                        7
                                                             53
                                                                      35
                                                             22
##
     Not working, but looking for a job
                                                        1
                                                                      15
##
                                                            276
     Other (e.g. home duties, retired)
                                                       81
                                                                     171
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
##
     Working part-time <for pay>
                                                          12
##
     Not working, but looking for a job
                                                           5
##
     Other (e.g. home duties, retired)
                                                          51
##
## [[60]]
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
                                                      393
                                                            658
                                                                      52
##
     Working part-time <for pay>
                                                      175
                                                            361
                                                                       2
##
     Not working, but looking for a job
                                                       20
                                                             24
##
                                                      198
     Other (e.g. home duties, retired)
                                                            343
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
##
                                                          14
##
     Working part-time <for pay>
                                                           7
##
    Not working, but looking for a job
                                                           0
##
     Other (e.g. home duties, retired)
                                                           9
```

```
##
## [[61]]
                                         math helping career prospects
##
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      101
                                                             83
     Working part-time <for pay>
                                                       48
                                                             44
                                                                      14
##
     Not working, but looking for a job
                                                       35
                                                             32
     Other (e.g. home duties, retired)
##
                                                      480
                                                            422
                                                                     118
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
                                                          10
##
     Working part-time <for pay>
                                                           3
                                                           4
##
     Not working, but looking for a job
##
     Other (e.g. home duties, retired)
                                                          56
##
## [[62]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
     Working full-time <for pay>
##
                                                       55
                                                             77
                                                                       28
                                                                       7
##
     Working part-time <for pay>
                                                       21
                                                             14
##
    Not working, but looking for a job
                                                       26
                                                             55
                                                                      20
     Other (e.g. home duties, retired)
                                                      367
                                                            540
                                                                      180
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
##
                                                          10
     Working part-time <for pay>
                                                           0
##
     Not working, but looking for a job
                                                           6
     Other (e.g. home duties, retired)
##
                                                          80
##
## [[63]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      268
                                                            347
                                                                     107
                                                      157
                                                                      51
##
     Working part-time <for pay>
                                                            181
##
     Not working, but looking for a job
                                                       52
                                                             40
                                                                       19
##
     Other (e.g. home duties, retired)
                                                      186
                                                            237
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
##
##
     Working part-time <for pay>
                                                          24
    Not working, but looking for a job
                                                           1
##
     Other (e.g. home duties, retired)
                                                          12
##
## [[64]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      255
                                                            483
                                                                     143
##
                                                       80
                                                            125
                                                                       36
     Working part-time <for pay>
##
     Not working, but looking for a job
                                                       38
                                                             79
                                                                      16
##
     Other (e.g. home duties, retired)
                                                       82
                                                            141
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
    Working full-time <for pay>
                                                          60
    Working part-time <for pay>
                                                          10
```

```
Not working, but looking for a job
##
                                                           6
                                                          27
##
     Other (e.g. home duties, retired)
##
## [[65]]
##
                                         math helping career prospects
## mother's working situation
                                          Strongly agree Agree Disagree
##
     Working full-time <for pay>
                                                      157
                                                            227
     Working part-time <for pay>
                                                            107
                                                                       22
##
                                                       50
##
     Not working, but looking for a job
                                                        9
                                                             13
                                                                       7
##
     Other (e.g. home duties, retired)
                                                      334
                                                            654
                                                                      123
##
                                         math helping career prospects
## mother's working situation
                                          Strongly disagree
     Working full-time <for pay>
##
##
     Working part-time <for pay>
                                                           1
##
     Not working, but looking for a job
                                                           0
                                                           7
##
     Other (e.g. home duties, retired)
```

plot(girls_career\$ST15Q01, girls_career\$ST29Q05, par(las=2), xlab="mother's working situation", ylab="mother"

