

# Data Analysis

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## Data Analysis

This section presents a description of the demographic information of the respondents.

## Demographic information

```
#degree
```

```
freq(What.degree.are.you.currently.studying.for.)
```

```
## Frequencies
```

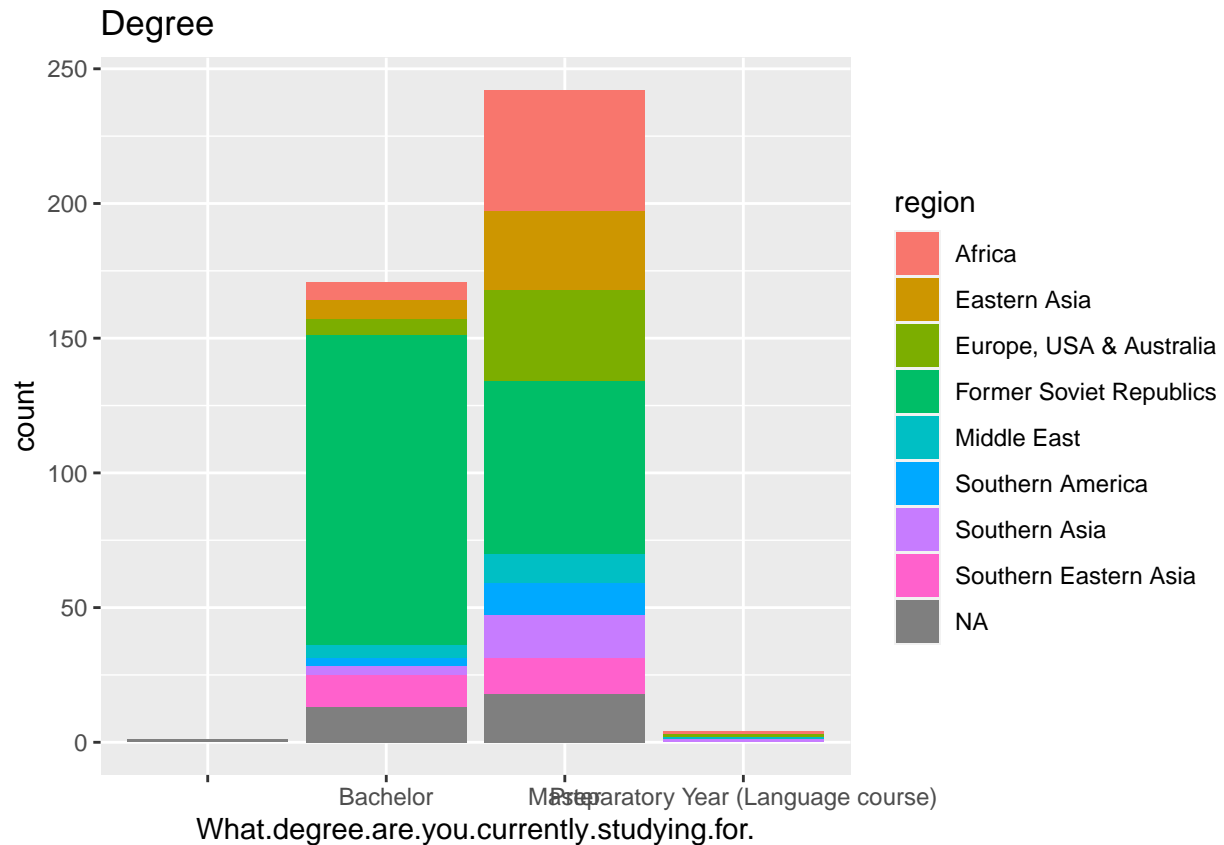
```
## What.degree.are.you.currently.studying.for.
```

```
## Type: Factor
```

```
##
```

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
(Empty string)	1	0.24	0.24	0.24	0.24
Bachelor	171	40.91	41.15	40.91	41.15
Master	242	57.89	99.04	57.89	99.04
Preparatory Year (Language course)	4	0.96	100.00	0.96	100.00
<NA>	0			0.00	100.00
Total	418	100.00	100.00	100.00	100.00

```
ggplot(data, aes(x=What.degree.are.you.currently.studying.for., fill=region)) + geom_bar() + labs(title=
```



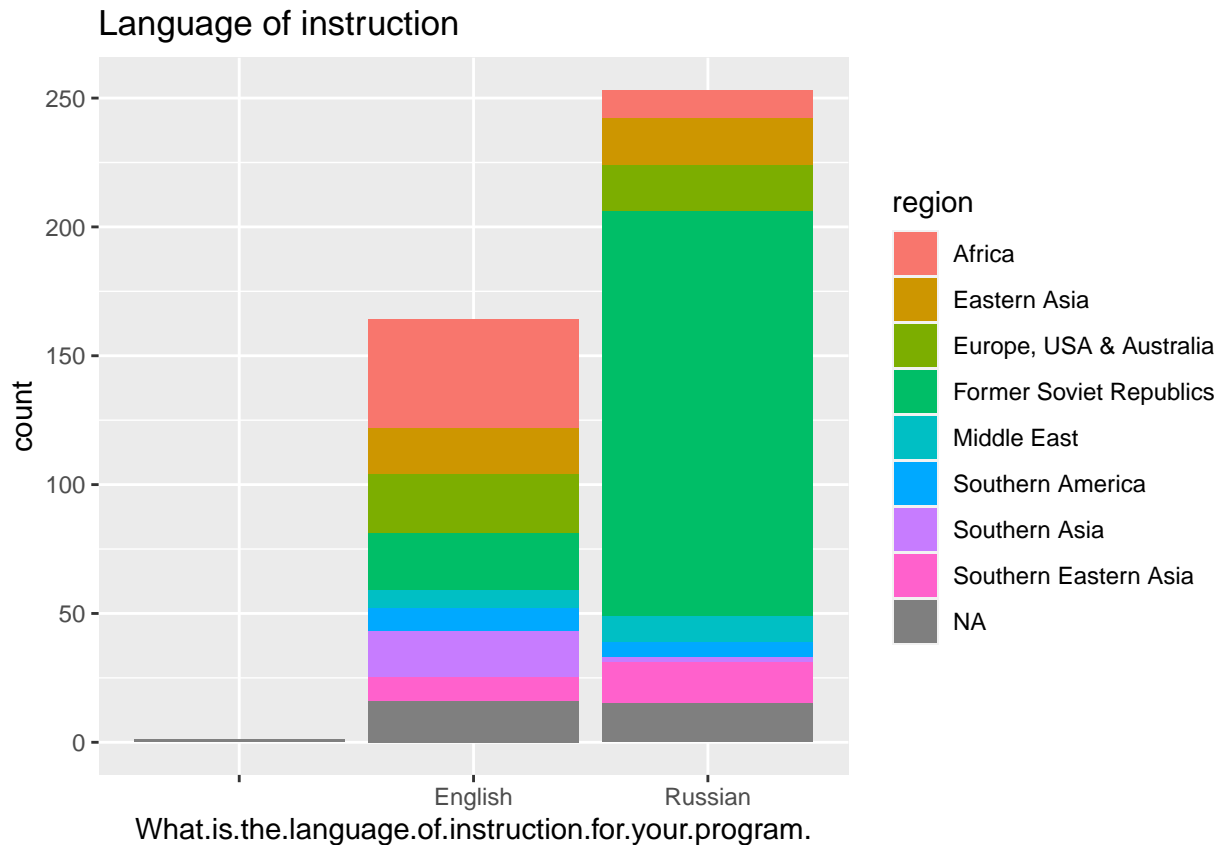
The table presents the shares of respondents pursuing their degrees. It shows that 58% of the respondents are pursuing their masters studies, 41% whilst 1% are in their preparatory year. The plot presents the level of education of respondents with reference to their region of origin. It can be seen that majority of students are from Former Soviet Republics.

```
#language of instruction
freq(What.is.the.language.of.instruction.for.your.program.)
```

```
## Frequencies
## What.is.the.language.of.instruction.for.your.program.
## Type: Factor
##
##
```

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
(Empty string)	1	0.24	0.24	0.24	0.24
English	164	39.23	39.47	39.23	39.47
Russian	253	60.53	100.00	60.53	100.00
<NA>	0			0.00	100.00
Total	418	100.00	100.00	100.00	100.00

```
plot2 <- ggplot(data, aes(x=What.is.the.language.of.instruction.for.your.program., fill=region)) + geom_bar()
print(plot2)
```



The table presents the shares of the language of instruction for the programs respondents are studying. Majority of the respondents 61% are taking programs in Russian whilst 39% are studying in English programs. The plot shows that students from Africa dominate students taking the English programs whilst students from the former Soviet Republics are in the majority for respondents taking Russian programs.

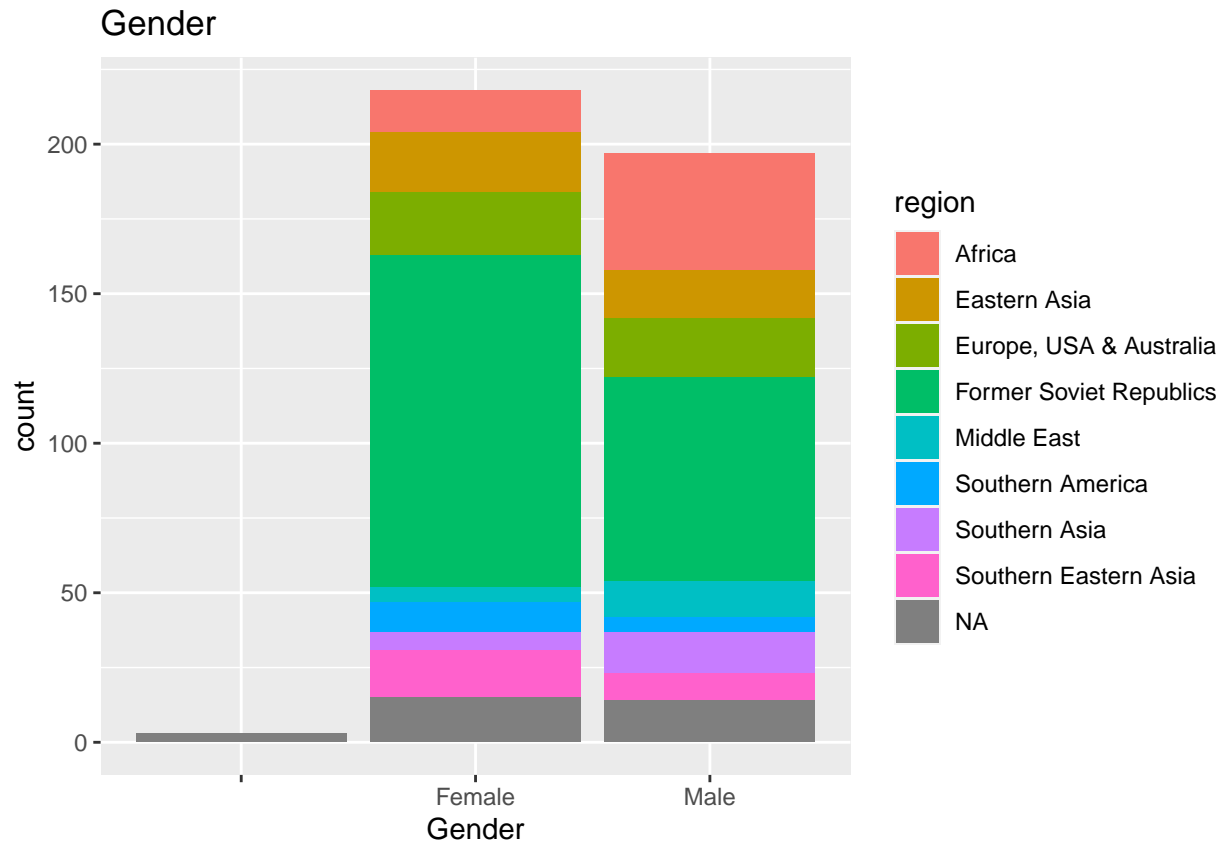
#Gender

freq(Gender)

```
## Frequencies
## Gender
## Type: Factor
##
```

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
(Empty string)	3	0.72	0.72	0.72	0.72
Female	218	52.15	52.87	52.15	52.87
Male	197	47.13	100.00	47.13	100.00
<NA>	0			0.00	100.00
Total	418	100.00	100.00	100.00	100.00

```
ggplot(data, aes(x=Gender, fill=region)) + geom_bar() + labs(title="Gender")
```

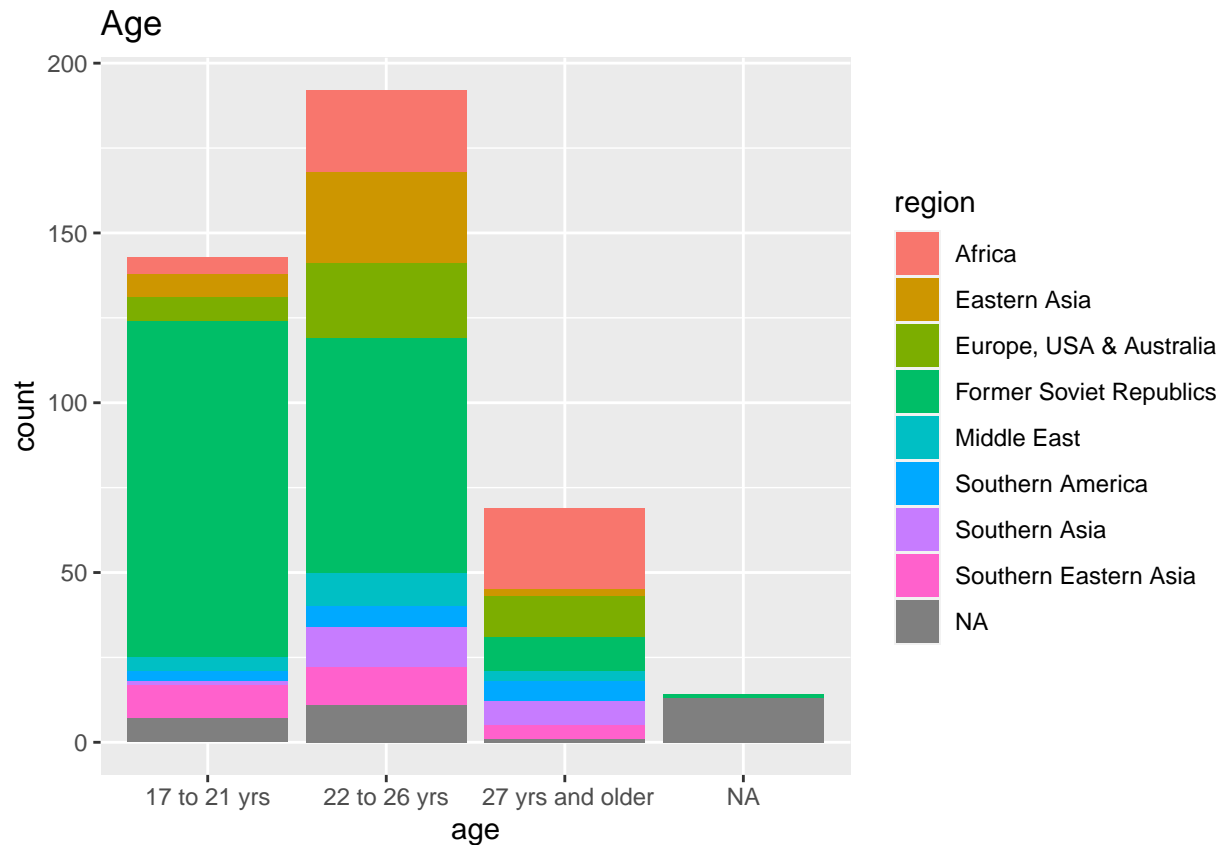


The table reports that 52% of the respondents are females whilst 47% are males. the plots presents the gender distribution across the regions.

```
#Age
freq(age)
```

```
## Frequencies
## age
## Type: Factor
##
##           Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      17 to 21 yrs    143    35.40      35.40    34.21    34.21
##      22 to 26 yrs    192    47.52      82.92    45.93    80.14
##      27 yrs and older    69    17.08     100.00    16.51    96.65
##      <NA>             14      3.35      100.00     3.35   100.00
##      Total         418   100.00     100.00   100.00   100.00
```

```
ggplot(data, aes(x=age, fill=region)) + geom_bar() + labs(title="Age")
```



The table reports that 48% of the respondents are within the age range (22 to 26 yrs), 35% are within the age range (17 to 21 yrs) and 18% are within the age cohort of 27 yrs and older. The plot presents the age distribution across the regions.

```
#unavailable program
unavailable.program <-as.factor(Unavailability.of.the.desired.study.program)
unavailable.program <- factor(unavailable.program,levels = c(1,2,3,4,5),
                             labels = c("Not at all influential",
                                         "Slightly influential",
                                         "Somewhat influential",
                                         "Very influential",
                                         "Extremely influential"))
```

```
table(unavailable.program, Unavailability.of.the.desired.study.program)
```

```
##               Unavailability.of.the.desired.study.program
## unavailable.program      1  2  3  4  5
## Not at all influential  74  0  0  0  0
## Slightly influential    0 52  0  0  0
## Somewhat influential    0  0 94  0  0
## Very influential        0  0  0 91  0
## Extremely influential   0  0  0  0 105
```

```
#quality of education
low.educational.quality<-as.factor(Low.quality.of.education)
low.educational.quality <- factor(low.educational.quality,
                                 levels = c(1,2,3,4,5),
                                 labels = c("Not at all influential",
```

```

        "Slightly influential",
        "Somewhat influential",
        "Very influential",
        "Extremely influential"))

table(low.educational.quality, Low.quality.of.education)

##                Low.quality.of.education
## low.educational.quality    1    2    3    4    5
##   Not at all influential  77    0    0    0    0
##   Slightly influential    0   48    0    0    0
##   Somewhat influential    0    0   85    0    0
##   Very influential        0    0    0   82    0
##   Extremely influential    0    0    0    0  123

#competitive University admission in home country
competitive.admission<-as.factor(Competitive.university.admission.process..difficult.to.gain.admission.to.a
competitive.admission <- factor(competitive.admission,
                                levels = c(1,2,3,4,5),
                                labels = c("Not at all influential",
                                             "Slightly influential",
                                             "Somewhat influential",
                                             "Very influential",
                                             "Extremely influential"))

table(competitive.admission, Competitive.university.admission.process..difficult.to.gain.admission.to.a

##                Competitive.university.admission.process..difficult.to.gain.admission.to.a
## competitive.admission      1    2    3    4    5
##   Not at all influential  136    0    0    0    0
##   Slightly influential    0   59    0    0    0
##   Somewhat influential    0    0   84    0    0
##   Very influential        0    0    0   81    0
##   Extremely influential    0    0    0    0   53

#Advantage of international degree
advantage.of.international.degree<-as.factor(Perceived.advantage.of.international.degree.over.a.local.one.a
advantage.of.international.degree <- factor(advantage.of.international.degree,
                                             levels = c(1,2,3,4,5),
                                             labels = c("Not at all influential",
                                                          "Slightly influential",
                                                          "Somewhat influential",
                                                          "Very influential",
                                                          "Extremely influential"))

table(advantage.of.international.degree, Perceived.advantage.of.international.degree.over.a.local.one.a

##                Perceived.advantage.of.international.degree.over.a.local.one.at.the
## advantage.of.international.degree    1    2    3    4    5
##   Not at all influential   43    0    0    0    0
##   Slightly influential     0   40    0    0    0
##   Somewhat influential     0    0   85    0    0
##   Very influential         0    0    0  114    0
##   Extremely influential     0    0    0    0  130

```

```
#unavailability of scholarships
unavailability.of.scholarship<-as.factor(Unavailability.of.scholarship.opportunities)
unavailability.of.scholarship <- factor(unavailability.of.scholarship,
                                       levels = c(1,2,3,4,5),
                                       labels = c("Not at all influential",
                                                  "Slightly influential",
                                                  "Somewhat influential",
                                                  "Very influential",
                                                  "Extremely influential"))

table(unavailability.of.scholarship, Unavailability.of.scholarship.opportunities)
```

```
##                               Unavailability.of.scholarship.opportunities
## unavailability.of.scholarship  1    2    3    4    5
##      Not at all influential 136    0    0    0    0
##      Slightly influential    0   46    0    0    0
##      Somewhat influential    0    0   88    0    0
##      Very influential        0    0    0   62    0
##      Extremely influential    0    0    0    0   82
```

```
#encouragement from family
encouragement.from.family<-as.factor(Encouragement.from.my.family.to.study.abroad)
encouragement.from.family <- factor(encouragement.from.family,
                                    levels = c(1,2,3,4,5),
                                    labels = c("Not at all influential",
                                               "Slightly influential",
                                               "Somewhat influential",
                                               "Very influential",
                                               "Extremely influential"))

table(encouragement.from.family, Encouragement.from.my.family.to.study.abroad)
```

```
##                               Encouragement.from.my.family.to.study.abroad
## encouragement.from.family  1    2    3    4    5
##      Not at all influential  78    0    0    0    0
##      Slightly influential    0   47    0    0    0
##      Somewhat influential    0    0   98    0    0
##      Very influential        0    0    0   95    0
##      Extremely influential    0    0    0    0   94
```

```
#encouragement from friends
encouragement.from.friends<-as.factor(Encouragement.from..my.friends.to.study.abroad)
encouragement.from.friends <- factor(encouragement.from.friends,
                                     levels = c(1,2,3,4,5),
                                     labels = c("Not at all influential",
                                                "Slightly influential",
                                                "Somewhat influential",
                                                "Very influential",
                                                "Extremely influential"))

table(encouragement.from.friends, Encouragement.from..my.friends.to.study.abroad)
```

```
##                               Encouragement.from..my.friends.to.study.abroad
## encouragement.from.friends  1    2    3    4    5
##      Not at all influential  99    0    0    0    0
```

```
##      Slightly influential      0 50  0  0  0
##      Somewhat influential      0  0 117  0  0
##      Very influential          0  0  0 68  0
##      Extremely influential      0  0  0  0 80
```

#### *#better earning prospects*

```
better.earning.prospects<-as.factor(Better.earning.prospects.abroad)
better.earning.prospects <- factor(better.earning.prospects,
                                   levels = c(1,2,3,4,5),
                                   labels = c("Not at all influential",
                                              "Slightly influential",
                                              "Somewhat influential",
                                              "Very influential",
                                              "Extremely influential"))
```

```
table(better.earning.prospects, Better.earning.prospects.abroad)
```

```
##                                Better.earning.prospects.abroad
## better.earning.prospects      1  2  3  4  5
## Not at all influential      43  0  0  0  0
## Slightly influential        0 25  0  0  0
## Somewhat influential        0  0 77  0  0
## Very influential            0  0  0 123  0
## Extremely influential        0  0  0  0 146
```

#### *#social prestige*

```
social.prestige<-as.factor(The.social.prestige.of.studying.abroad)
social.prestige <- factor(social.prestige,
                          levels = c(1,2,3,4,5),
                          labels = c("Not at all influential",
                                      "Slightly influential",
                                      "Somewhat influential",
                                      "Very influential",
                                      "Extremely influential"))
```

```
table(social.prestige, The.social.prestige.of.studying.abroad)
```

```
##                                The.social.prestige.of.studying.abroad
## social.prestige                1  2  3  4  5
## Not at all influential      44  0  0  0  0
## Slightly influential        0 37  0  0  0
## Somewhat influential        0  0 77  0  0
## Very influential            0  0  0 102  0
## Extremely influential        0  0  0  0 153
```

#### *#experience different culture*

```
experience.different.culture<-as.factor(To.experience.a.different.culture)
experience.different.culture <- factor(experience.different.culture,
                                       levels = c(1,2,3,4,5),
                                       labels = c("Not at all influential",
                                                  "Slightly influential",
                                                  "Somewhat influential",
                                                  "Very influential",
                                                  "Extremely influential"))
```

```
table(experience.different.culture, To.experience.a.different.culture)
```



```
##                               To.experience.a.different.culture
## experience.different.culture  1  2  3  4  5
##      Not at all influential  69  0  0  0  0
##      Slightly influential   0 39  0  0  0
##      Somewhat influential   0  0 73  0  0
##      Very influential       0  0  0 75  0
##      Extremely influential   0  0  0  0 158
```

## Factors influencing the decision to study in Russia

This section presents the factors that influenced the decision of international students to study in Russia. It will establish the push factors that account for students decision to leave their home country and the pull factors in Russia and HSE that influenced their decision to study. Finally, this section will present a linear regression to explain statistically significant push and pull factors.

## Push Factors from Home Country (Descriptive Statistics)

```
#push factors
```

```
pushfactors<-data.frame(unavailable.program,low.educational.quality,competitive.admission,advantage.of..)
```

```
freq(pushfactors, display.type = FALSE)
```

```
## Frequencies
```

```
## pushfactors$unavailable.program
```

```
##
##                               Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      Not at all influential      74    17.79      17.79    17.70    17.70
##      Slightly influential       52    12.50      30.29    12.44    30.14
##      Somewhat influential       94    22.60      52.88    22.49    52.63
##      Very influential          91    21.88      74.76    21.77    74.40
##      Extremely influential     105    25.24     100.00    25.12    99.52
##      <NA>                        2         0.48    100.00    100.00
##      Total                     418   100.00     100.00   100.00    100.00
##
```

```
## pushfactors$low.educational.quality
```

```
##
##                               Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      Not at all influential      77    18.55      18.55    18.42    18.42
##      Slightly influential       48    11.57      30.12    11.48    29.90
##      Somewhat influential       85    20.48      50.60    20.33    50.24
##      Very influential          82    19.76      70.36    19.62    69.86
##      Extremely influential     123    29.64     100.00    29.43    99.28
##      <NA>                        3         0.72    100.00    100.00
##      Total                     418   100.00     100.00   100.00    100.00
##
```

```
## pushfactors$competitive.admission
```

```
##
##                               Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
```

```

##      Not at all influential    136    32.93    32.93    32.54    32.54
##      Slightly influential      59    14.29    47.22    14.11    46.65
##      Somewhat influential      84    20.34    67.55    20.10    66.75
##      Very influential          81    19.61    87.17    19.38    86.12
##      Extremely influential     53    12.83    100.00   12.68    98.80
##      <NA>                      5              1.20    100.00
##      Total                    418    100.00    100.00   100.00   100.00
##
## pushfactors$advantage.of.international.degree
##
##              Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      Not at all influential    43    10.44    10.44    10.29    10.29
##      Slightly influential      40     9.71    20.15     9.57    19.86
##      Somewhat influential      85    20.63    40.78    20.33    40.19
##      Very influential         114    27.67    68.45    27.27    67.46
##      Extremely influential     130    31.55    100.00   31.10    98.56
##      <NA>                      6              1.44    100.00
##      Total                    418    100.00    100.00   100.00   100.00
##
## pushfactors$unavailability.of.scholarship
##
##              Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      Not at all influential    136    32.85    32.85    32.54    32.54
##      Slightly influential      46    11.11    43.96    11.00    43.54
##      Somewhat influential      88    21.26    65.22    21.05    64.59
##      Very influential          62    14.98    80.19    14.83    79.43
##      Extremely influential     82    19.81    100.00   19.62    99.04
##      <NA>                      4              0.96    100.00
##      Total                    418    100.00    100.00   100.00   100.00
##
## pushfactors$encouragement.from.family
##
##              Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      Not at all influential    78    18.93    18.93    18.66    18.66
##      Slightly influential      47    11.41    30.34    11.24    29.90
##      Somewhat influential      98    23.79    54.13    23.44    53.35
##      Very influential          95    23.06    77.18    22.73    76.08
##      Extremely influential     94    22.82    100.00   22.49    98.56
##      <NA>                      6              1.44    100.00
##      Total                    418    100.00    100.00   100.00   100.00
##
## pushfactors$encouragement.from.friends
##
##              Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      Not at all influential    99    23.91    23.91    23.68    23.68
##      Slightly influential      50    12.08    35.99    11.96    35.65
##      Somewhat influential     117    28.26    64.25    27.99    63.64
##      Very influential          68    16.43    80.68    16.27    79.90
##      Extremely influential     80    19.32    100.00   19.14    99.04
##      <NA>                      4              0.96    100.00

```

```

##              Total    418    100.00          100.00    100.00          100.00
##
## pushfactors$better.earning.prospects
##
##              Freq    % Valid    % Valid Cum.    % Total    % Total Cum.
## -----
##      Not at all influential    43    10.39          10.39    10.29          10.29
##      Slightly influential    25     6.04          16.43     5.98          16.27
##      Somewhat influential    77    18.60          35.02    18.42          34.69
##      Very influential    123    29.71          64.73    29.43          64.11
##      Extremely influential    146    35.27          100.00    34.93          99.04
##      <NA>         4
##      Total    418    100.00          100.00    100.00          100.00
##
## pushfactors$social.prestige
##
##              Freq    % Valid    % Valid Cum.    % Total    % Total Cum.
## -----
##      Not at all influential    44    10.65          10.65    10.53          10.53
##      Slightly influential    37     8.96          19.61     8.85          19.38
##      Somewhat influential    77    18.64          38.26    18.42          37.80
##      Very influential    102    24.70          62.95    24.40          62.20
##      Extremely influential    153    37.05          100.00    36.60          98.80
##      <NA>         5
##      Total    418    100.00          100.00    100.00          100.00
##
## pushfactors$experience.different.culture
##
##              Freq    % Valid    % Valid Cum.    % Total    % Total Cum.
## -----
##      Not at all influential    69    16.67          16.67    16.51          16.51
##      Slightly influential    39     9.42          26.09     9.33          25.84
##      Somewhat influential    73    17.63          43.72    17.46          43.30
##      Very influential    75    18.12          61.84    17.94          61.24
##      Extremely influential    158    38.16          100.00    37.80          99.04
##      <NA>         4
##      Total    418    100.00          100.00    100.00          100.00

```

The factors that influenced respondents' decision to leave their home country and study abroad is discussed in the ensuing paragraphs. .

## unavailable program

The results show that majority of respondents with shares (47%) reported that the unavailability of the desired program accounted for their decision to leave their home country and study abroad. The plot presents the distribution of this push factor across the regions with its position prominent among students from the Former Soviet Republics and Africa.

## low quality of education

The results reflect that low quality of education (with shares 50%) also account for respondents decision to leave their home country. The plot shows that the influence of this push factor is dominant among students from the Former Soviet Republics, Africa, Eastern Asia and Southern Eastern Asia.

## competitive University admission in home country

Majority of the respondents (47%) reported that difficulty in gaining admission to a quality local institution was not influential in their decision to leave their home country. This position, as depicted in the graph, is held by students from the Former Soviet Republics, Africa and Europe, USA & Australia.

## Advantage of international degree

The result highlights the position that the perceived advantage of international degree over a local one in the home country (with shares 59%) was influential in respondents decision to study abroad.

## Unavailability of scholarship

The result show that majority of the respondents (44%) reflect that the unavailability of scholarship opportunities was not influential in their decision to leave their home country.

## encouragement from family

The result show that majority of the respondents (46%) report that their decision to study abroad was influenced by encouragement of their family.

## encouragement from friends

The result show that the respondents were uncertain of the influence of the encouragement of their friends in their decision to study abroad.

## Better earning prospects abroad

With the factor, better earning prospects abroad majority of respondents (64%) reported that it was very influential in their decision to study abroad.

## social prestige

Majority of the respondents (61%) revealed that the social prestige associated with studying abroad was very influential in their decision to study abroad.

## Experience different culture

Majority of the respondents (56%) reported that the decision to study abroad was influenced by their desire to experience a different culture.

## Graphs

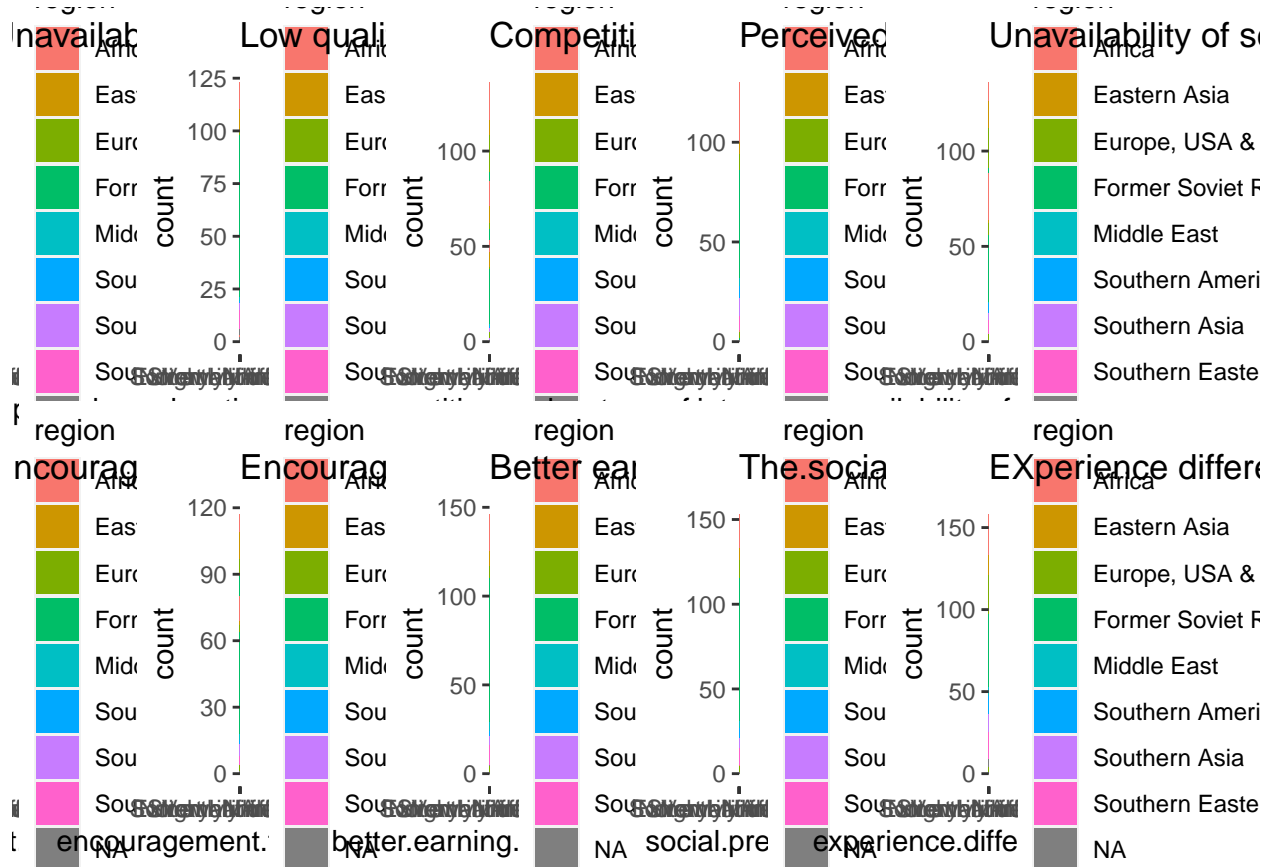
```
plot1<-ggplot(data, aes(x=unavailable.program, fill=region)) + geom_bar() + labs(title="Unavailable program")
plot2<-ggplot(data, aes(x=low.educational.quality, fill=region)) + geom_bar() + labs(title="Low quality education")
plot3<-ggplot(data, aes(x=competitive.admission, fill=region)) + geom_bar() + labs(title="Competitive University admission")
```

```

plot4<-ggplot(data, aes(x=advantage.of.international.degree, fill=region)) + geom_bar() + labs(title="P
plot5<-ggplot(data, aes(x=unavailability.of.scholarship, fill=region)) + geom_bar() + labs(title="Unava
plot6<-ggplot(data, aes(x=encouragement.from.family, fill=region)) + geom_bar() + labs(title="Encourager
plot7<-ggplot(data, aes(x=encouragement.from.friends, fill=region)) + geom_bar() + labs(title="Encourag
plot8<-ggplot(data, aes(x=better.earning.prospects, fill=region)) + geom_bar() + labs(title="Better earn
plot9<-ggplot(data, aes(x=social.prestige, fill=region)) + geom_bar() + labs(title="The.social.prestige
plot10<-ggplot(data, aes(x=experience.different.culture, fill=region)) + geom_bar() + labs(title="EXper

grid.arrange(plot1, plot2, plot3, plot4, plot5,
              plot6, plot7, plot8, plot9, plot10, nrow=2)

```



## push factors in Home country (Regression analysis)

empty model

Full Model

```

tab_model(model1, dv.labels = "Push Factors", show.ci = F,
           title = "Push Factors in Home Country")

```

## Push Factors in Home Country

### Push Factors

#### Predictors

#### Estimates

p

(Intercept)

2.59

<0.001

Unavailability.of.the.desired.study.program

0.03

0.147

Low.quality.of.education

-0.03

0.121

Competitive.university.admission.process..difficult.to.gain.admission.to.a.quality.local.institution

-0.04

0.032

Perceived.advantage.of.international.degree.over.a.local.one.at.the.local.job.market

0.06

0.014

Unavailability.of.scholarship.opportunities

0.03

0.165

Encouragement.from.my.family.to.study.abroad

-0.03

0.129

Encouragement.from..my.friends.to.study.abroad

0.01

0.589

Better.earning.prospects.abroad

-0.04

0.161

The.social.prestige.of.studying.abroad

-0.06

0.028

To.experience.a.different.culture

0.08

<0.001

Observations

406

R2 / R2 adjusted

0.138 / 0.116

The table displays the results of the full regression model to highlight the association between the push factors and the decision to study abroad. The model has a R2 of 0.138 which means that approximately the model can explain 14% of the decision to study abroad as such translates to the goodness of the results. The following factors realized significance; competitive university admission process, perceived advantage of international degree, the social prestige of studying abroad and to experience a different culture.

## pull factors (Descriptive analysis)

The factors in Russia and HSE that influenced respondents' decision to pursue their studies in Russia

```
#Availability of desired program
```

```
freq(Availability.of.desired.study.program)
```

```
## Frequencies
```

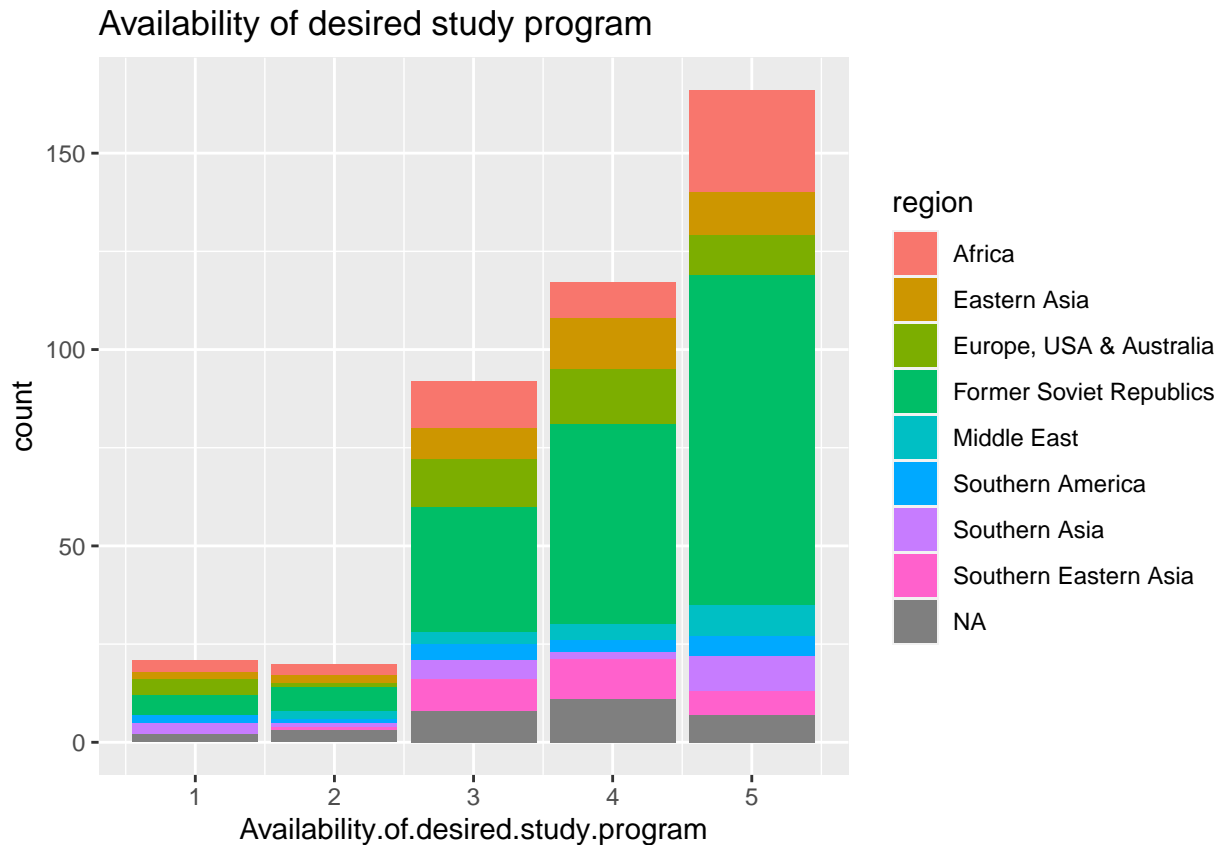
```
## Availability.of.desired.study.program
```

```
##
```

##		Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
##	-----	-----	-----	-----	-----	-----
##	1	21	5.05	5.05	5.02	5.02
##	2	20	4.81	9.86	4.78	9.81
##	3	92	22.12	31.97	22.01	31.82
##	4	117	28.12	60.10	27.99	59.81
##	5	166	39.90	100.00	39.71	99.52
##	<NA>	2			0.48	100.00
##	Total	418	100.00	100.00	100.00	100.00

```
ggplot(data, aes(x=Availability.of.desired.study.program, fill=region)) + geom_bar() + labs(title="Avai.
```

```
## Warning: Removed 2 rows containing non-finite values (stat_count).
```



Majority of the respondents (68%) revealed that the availability of the desired study program was very influential in their decision to study in Russia.

*#high quality of education*

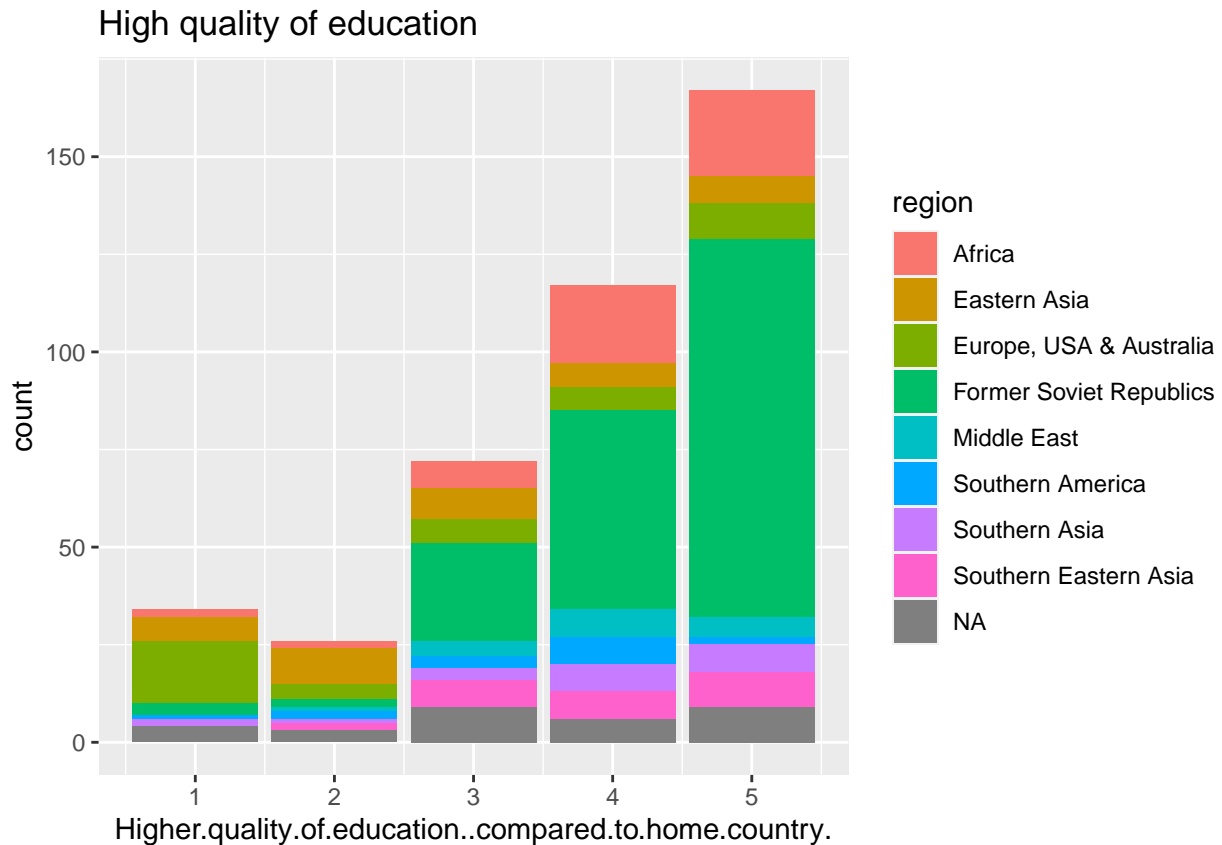
`freq(Higher.quality.of.education..compared.to.home.country.)`

```
## Frequencies
## Higher.quality.of.education..compared.to.home.country.
##
##      Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      1    34     8.17      8.17    8.13     8.13
##      2    26     6.25     14.42    6.22    14.35
##      3    72    17.31     31.73   17.22    31.58
##      4   117    28.12     59.86   27.99    59.57
##      5   167    40.14    100.00   39.95    99.52
##     <NA>     2      0.48      0.48    0.48   100.00
##     Total   418   100.00    100.00  100.00   100.00
```

`ggplot(data, aes(x=Higher.quality.of.education..compared.to.home.country., fill=region)) + geom_bar() +`

`## Warning: Removed 2 rows containing non-finite values (stat_count).`





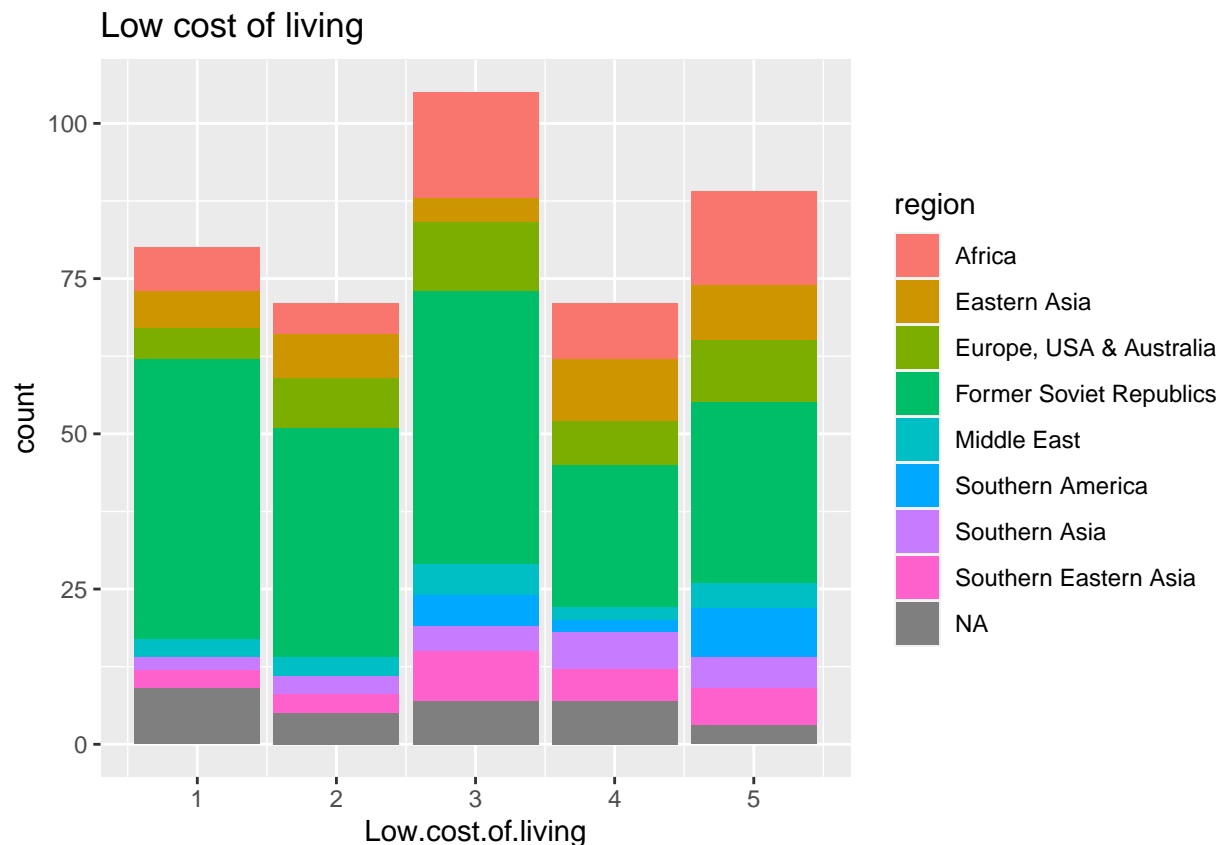
Majority of the respondents (68%) considered the quality of education in Russia to be higher in comparison with their home country and as such very influential in their decision to study in Russia.

```
#low cost of living
freq(Low.cost.of.living)
```

```
## Frequencies
## Low.cost.of.living
##
##      Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      1    80    19.23    19.23    19.14    19.14
##      2    71    17.07    36.30    16.99    36.12
##      3   105    25.24    61.54    25.12    61.24
##      4    71    17.07    78.61    16.99    78.23
##      5    89    21.39   100.00    21.29    99.52
##     <NA>     2     0.48   100.00     0.48   100.00
##     Total   418   100.00   100.00   100.00   100.00
```

```
ggplot(data, aes(x=Low.cost.of.living, fill=region)) + geom_bar() + labs(title="Low cost of living")
```

```
## Warning: Removed 2 rows containing non-finite values (stat_count).
```



The result show that the respondents were uncertain of the influence of low cost of living as a factor in their decision to study in Russia.

```
#tuition fees
freq(Low.tuition.fees)
```

```
## Frequencies
## Low.tuition.fees
##
##      Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      1    97    23.49      23.49    23.21    23.21
##      2    45    10.90      34.38    10.77    33.97
##      3    89    21.55      55.93    21.29    55.26
##      4    64    15.50      71.43    15.31    70.57
##      5   118    28.57     100.00    28.23    98.80
##     <NA>     5         1.20    100.00
##     Total  418   100.00     100.00   100.00   100.00
```

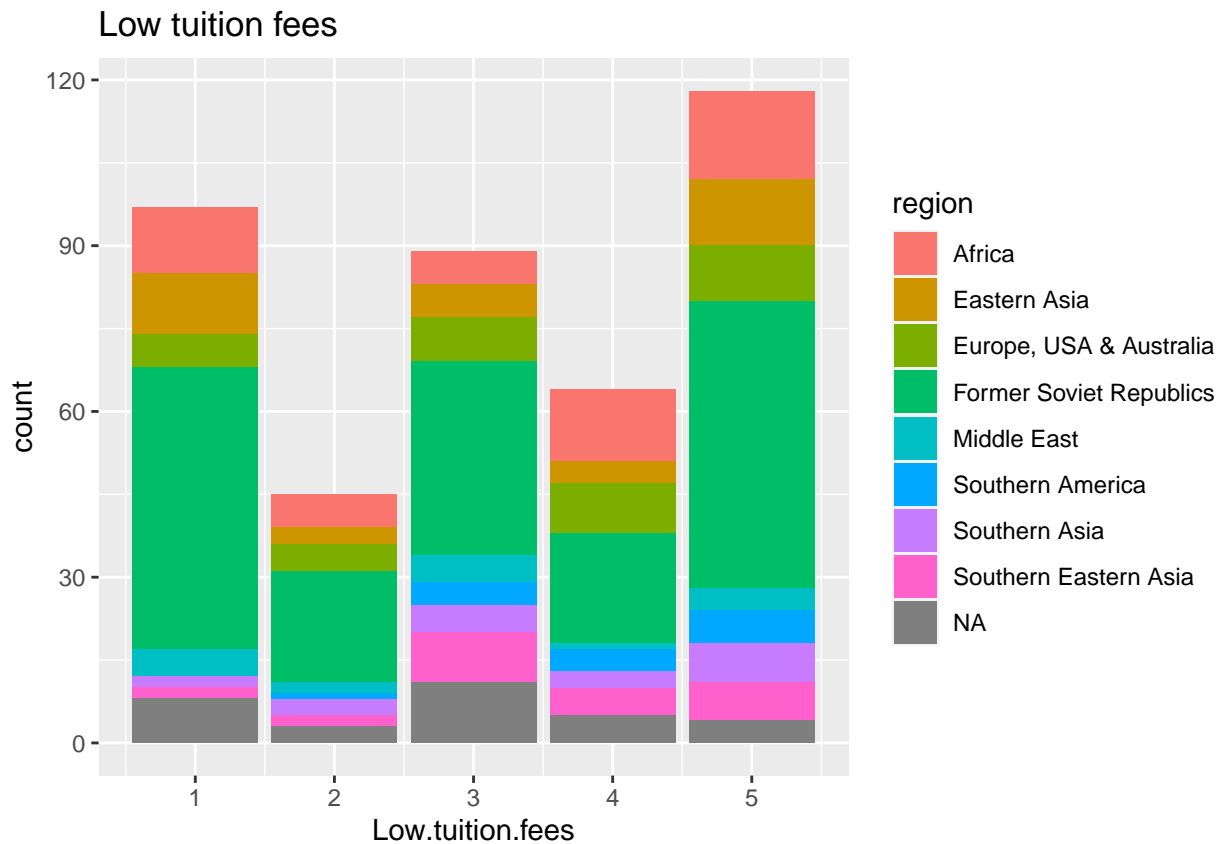
```
freq(Cost.of.tuition.for.international.students)
```

```
## Frequencies
## Cost.of.tuition.for.international.students
##
##      Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      1    74    17.83      17.83    17.70    17.70
##      2    45    10.84      28.67    10.77    28.47
```

##	3	87	20.96	49.64	20.81	49.28
##	4	66	15.90	65.54	15.79	65.07
##	5	143	34.46	100.00	34.21	99.28
##	<NA>	3			0.72	100.00
##	Total	418	100.00	100.00	100.00	100.00

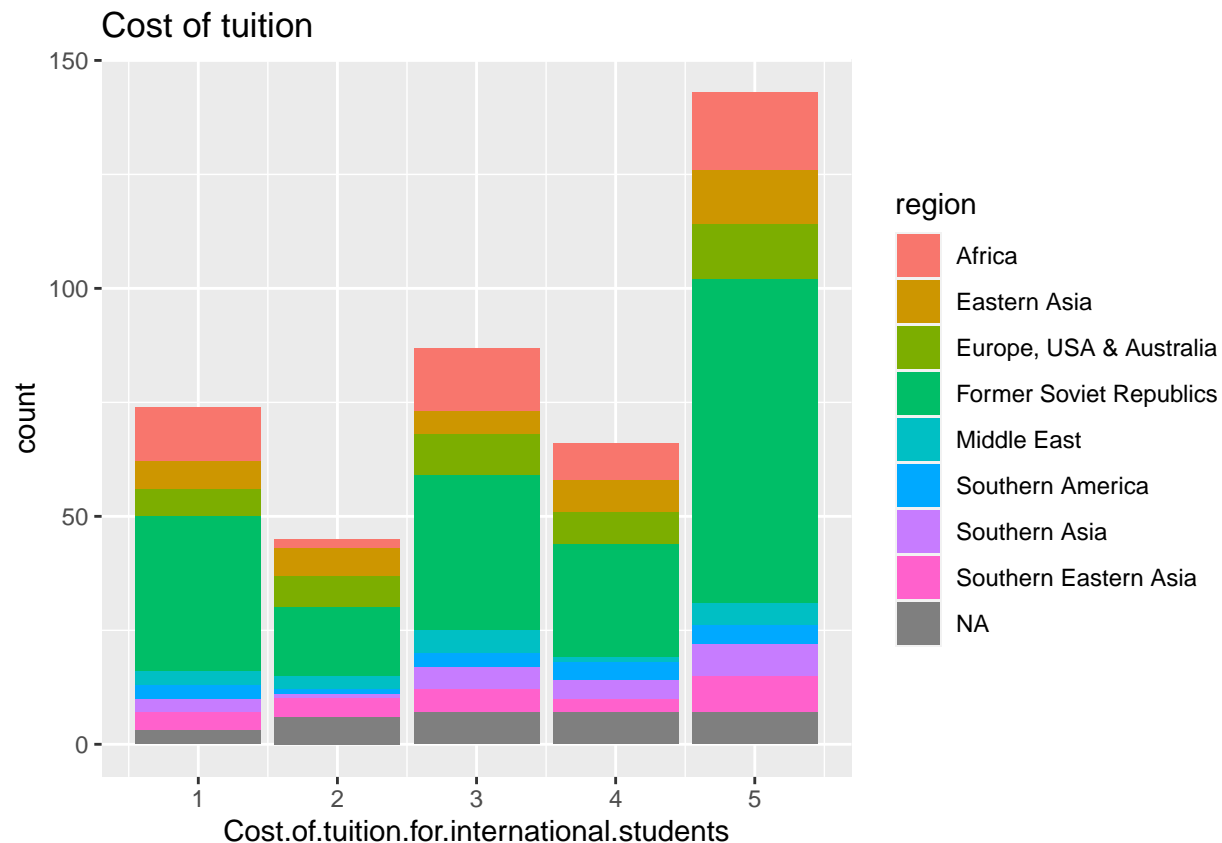
```
ggplot(data, aes(x=Low.tuition.fees, fill=region)) + geom_bar() + labs(title="Low tuition fees")
```

```
## Warning: Removed 5 rows containing non-finite values (stat_count).
```



```
ggplot(data, aes(x=Cost.of.tuition.for.international.students, fill=region)) + geom_bar() + labs(title=
```

```
## Warning: Removed 3 rows containing non-finite values (stat_count).
```



Respondents were asked about the influence of the cost of tuition on their decision to study in Russia. The results show that majority of the respondents' (44%) decision to study in Russia was influenced by the low cost of tuition. Similarly, majority of the respondents (66%) reported that their decision to study in HSE was influenced by the University's cost of tuition for international students.

#### #Scholarships

```
freq(Awarded.scholarships.or.tuition.waiver)
```

```
## Frequencies
```

```
## Awarded.scholarships.or.tuition.waiver
```

```
##
```

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	51	12.41	12.41	12.20	12.20
2	37	9.00	21.41	8.85	21.05
3	85	20.68	42.09	20.33	41.39
4	68	16.55	58.64	16.27	57.66
5	170	41.36	100.00	40.67	98.33
<NA>	7			1.67	100.00
Total	418	100.00	100.00	100.00	100.00

```
freq(Availability.of.scholarships)
```

```
## Frequencies
```

```
## Availability.of.scholarships
```

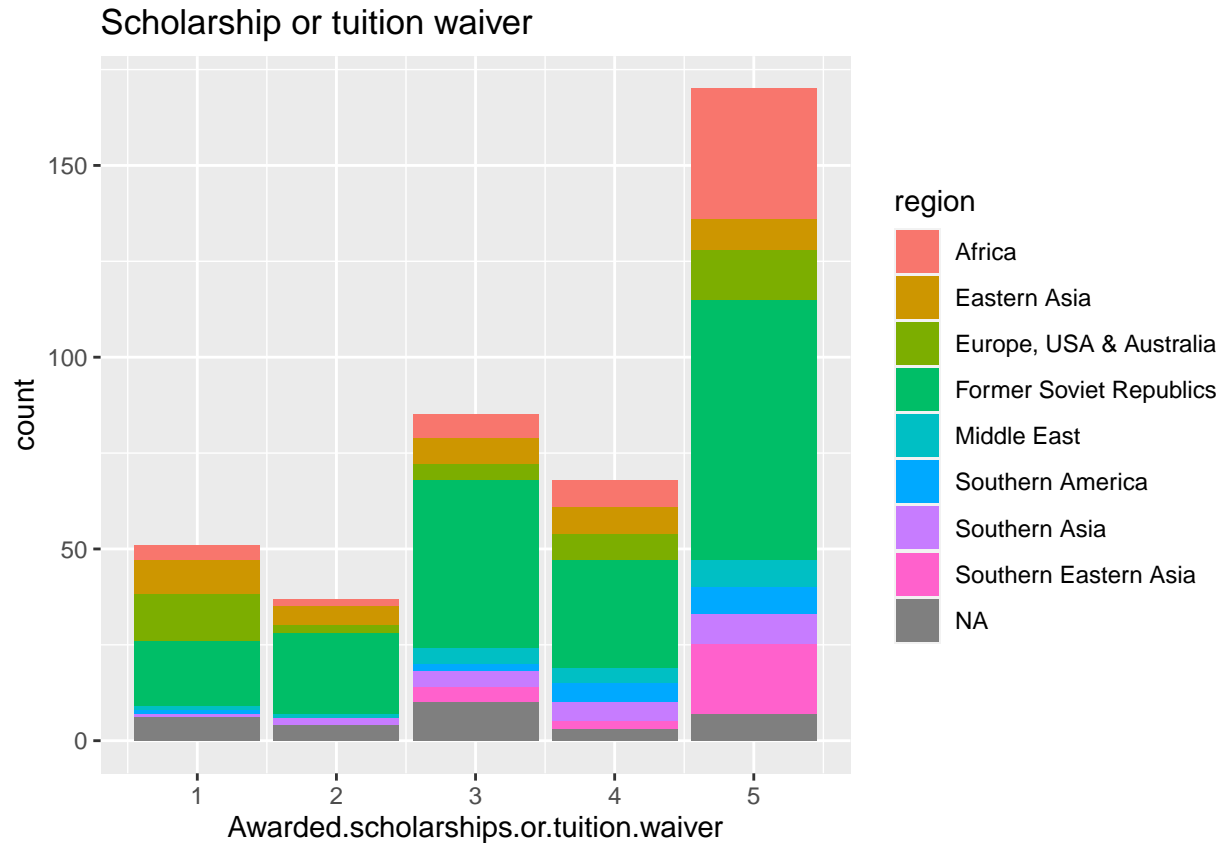
```
##
```

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
--	------	---------	--------------	---------	--------------

```
##           1      48      11.57      11.57      11.48      11.48
##           2      22       5.30      16.87       5.26      16.75
##           3      66      15.90      32.77      15.79      32.54
##           4      86      20.72      53.49      20.57      53.11
##           5     193      46.51     100.00      46.17      99.28
##          <NA>       3          0.72      100.00
##          Total   418     100.00     100.00     100.00     100.00
```

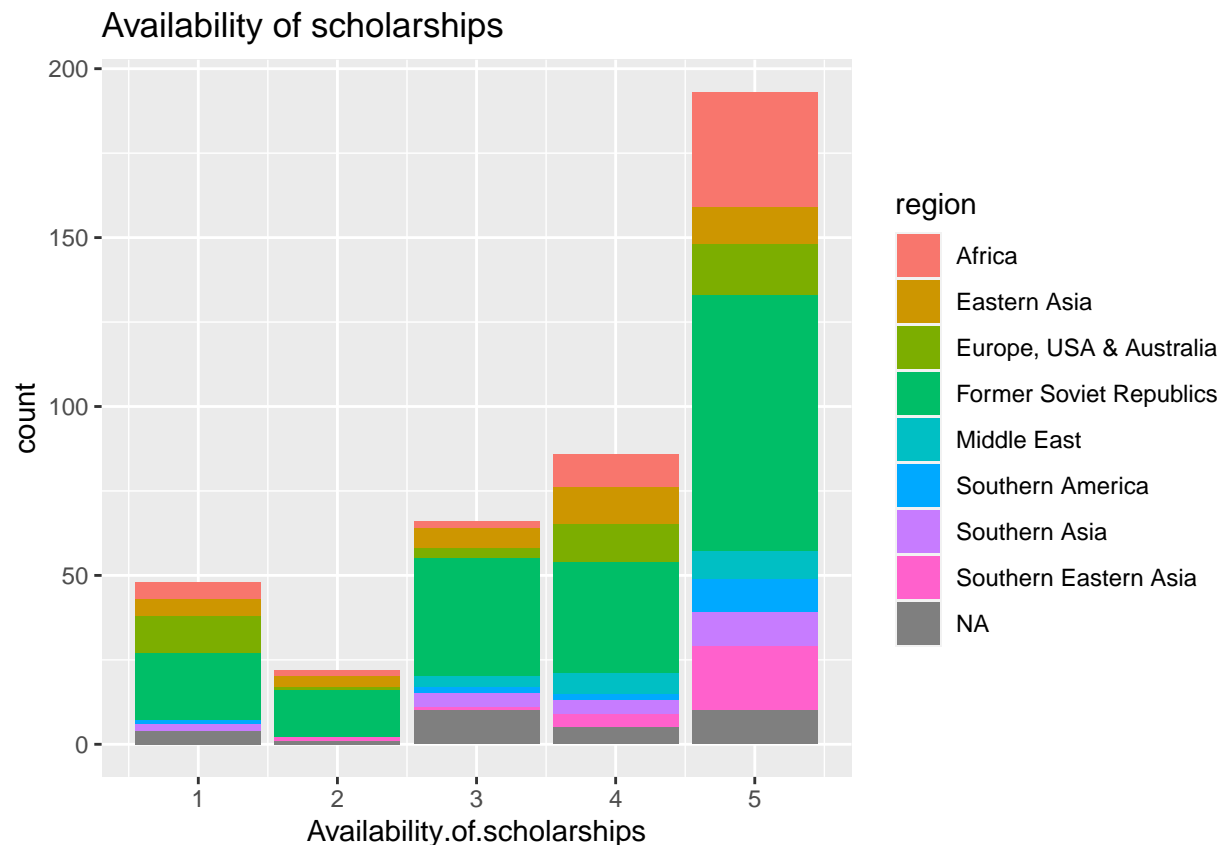
```
ggplot(data, aes(x=Awarded.scholarships.or.tuition.waiver, fill=region)) + geom_bar() + labs(title="Scholarship or tuition waiver")
```

```
## Warning: Removed 7 rows containing non-finite values (stat_count).
```



```
ggplot(data, aes(x=Availability.of.scholarships, fill=region)) + geom_bar() + labs(title="Availability of scholarships")
```

```
## Warning: Removed 3 rows containing non-finite values (stat_count).
```



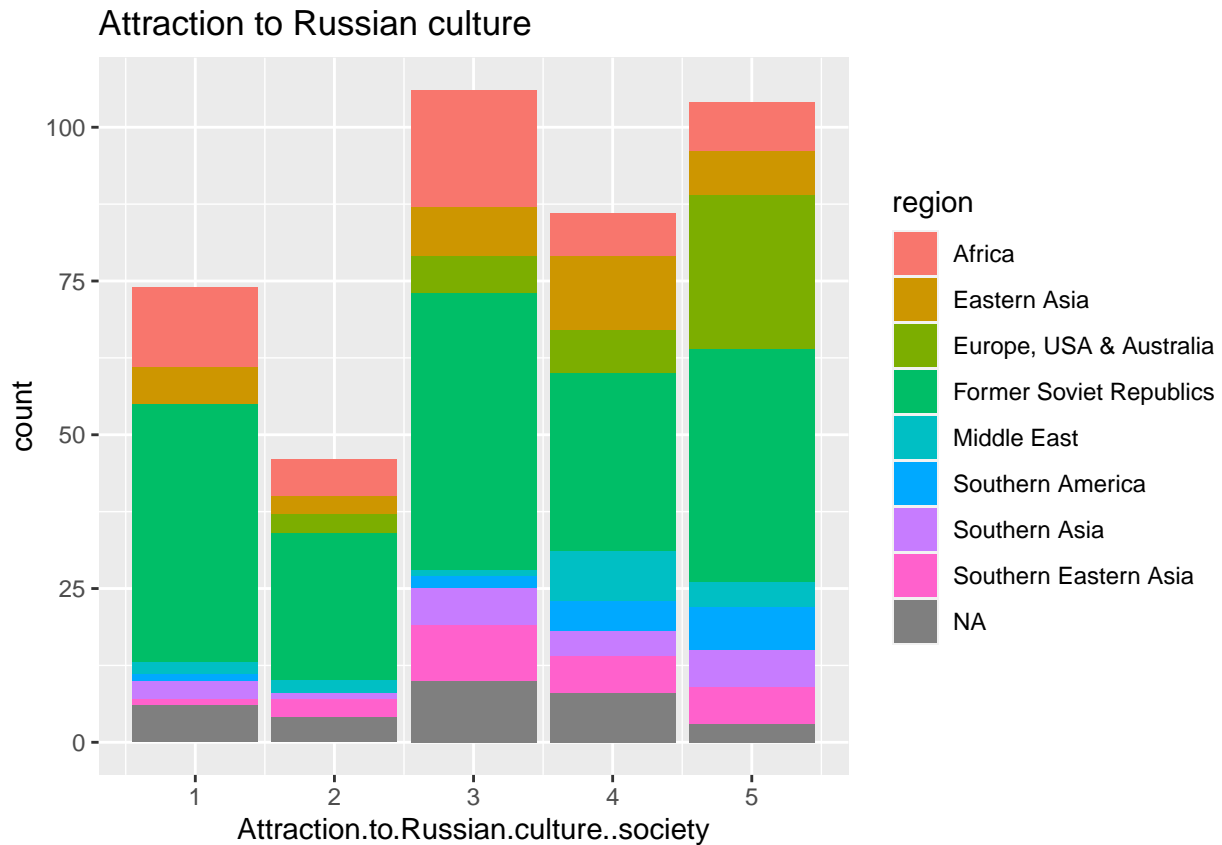
On the influence of scholarship on students' decision to study in Russia, respondents (57%) reported that awarded scholarship and tuition waivers were influential in their decision to study in Russia. The results also reported that respondents (68%) decision to study in Russia were influenced by the availability of scholarships in HSE.

```
#Attraction to Russian culture
freq(Attraction.to.Russian.culture..society)
```

```
## Frequencies
## Attraction.to.Russian.culture..society
##
##      Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      1    74    17.79      17.79    17.70    17.70
##      2    46    11.06      28.85    11.00    28.71
##      3   106    25.48      54.33    25.36    54.07
##      4    86    20.67      75.00    20.57    74.64
##      5   104    25.00     100.00    24.88    99.52
##     <NA>     2         0.00         0.00     0.48   100.00
##     Total  418   100.00     100.00   100.00   100.00
```

```
ggplot(data, aes(x=Attraction.to.Russian.culture..society, fill=region)) + geom_bar() + labs(title="Attraction to Russian culture")
```

```
## Warning: Removed 2 rows containing non-finite values (stat_count).
```



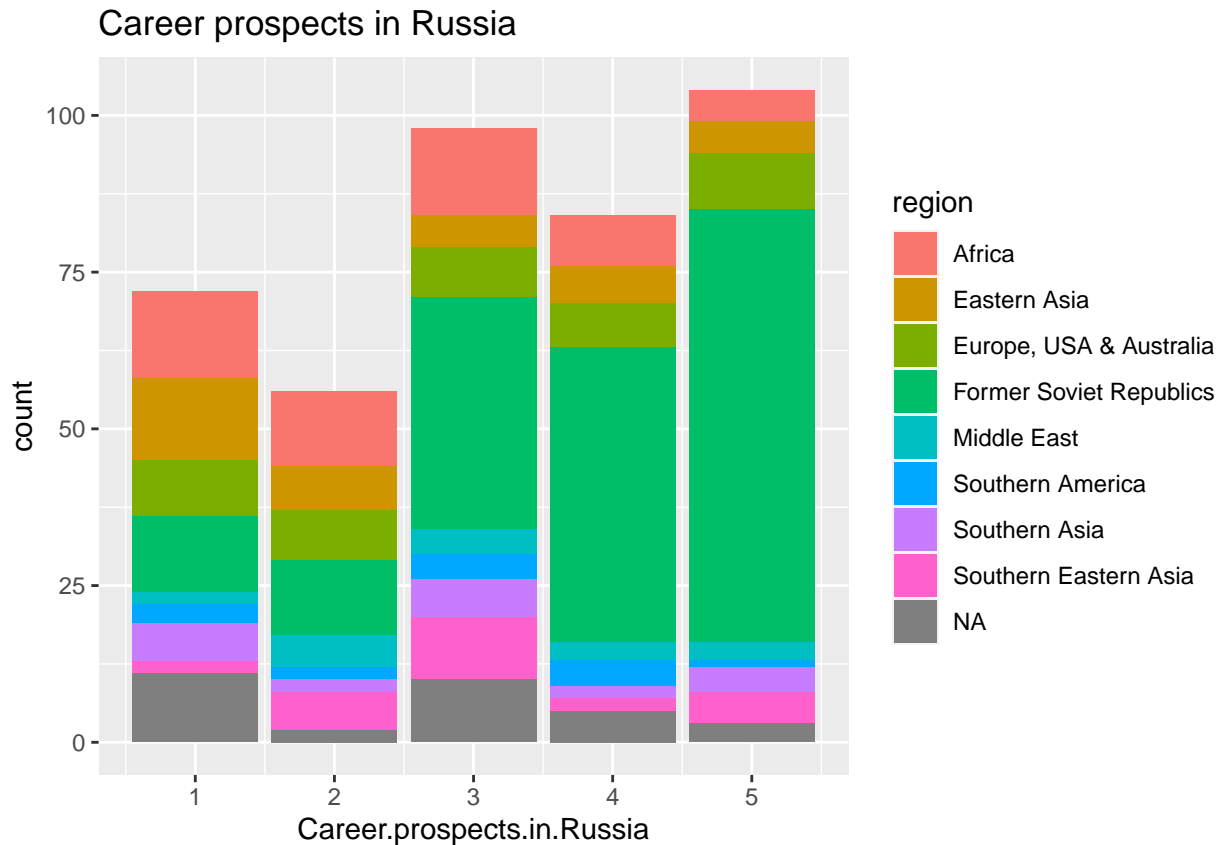
The results show that majority of the respondents' (45%) decision to study in Russia was heavily influenced by their attraction to the Russian culture.

```
#career prospects in Russia
freq(Career.prospects.in.Russia)
```

```
## Frequencies
## Career.prospects.in.Russia
##
##      Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      1    72    17.39      17.39    17.22    17.22
##      2    56    13.53      30.92    13.40    30.62
##      3    98    23.67      54.59    23.44    54.07
##      4    84    20.29      74.88    20.10    74.16
##      5   104    25.12     100.00    24.88    99.04
##    <NA>     4         0.96         0.96    100.00
##    Total   418   100.00     100.00   100.00   100.00
```

```
ggplot(data, aes(x=Career.prospects.in.Russia, fill=region)) + geom_bar() + labs(title="Career prospects in Russia")
```

```
## Warning: Removed 4 rows containing non-finite values (stat_count).
```



The results show that majority of the respondents (45%) report that career prospects in Russia was very influential in their decision to study in Russia.

*#recommendations from family and friends*

```
freq(Personal.recommendations.from.parents..relatives..and.friends)
```

```
## Frequencies
```

```
## Personal.recommendations.from.parents..relatives..and.friends
```

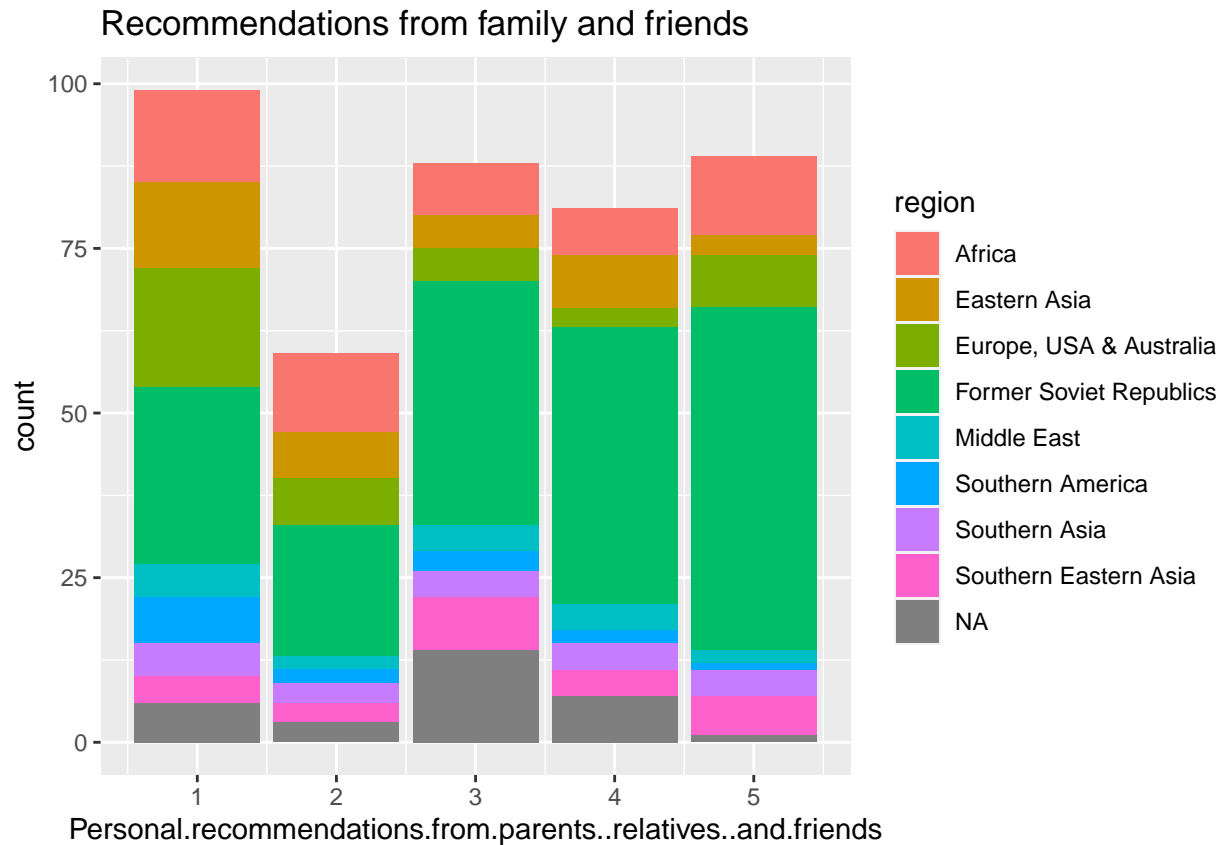
```
##
```

		Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
##	1	99	23.80	23.80	23.68	23.68
##	2	59	14.18	37.98	14.11	37.80
##	3	88	21.15	59.13	21.05	58.85
##	4	81	19.47	78.61	19.38	78.23
##	5	89	21.39	100.00	21.29	99.52
##	<NA>	2			0.48	100.00
##	Total	418	100.00	100.00	100.00	100.00

```
ggplot(data, aes(x=Personal.recommendations.from.parents..relatives..and.friends, fill=region)) + geom_bar()
```

```
## Warning: Removed 2 rows containing non-finite values (stat_count).
```





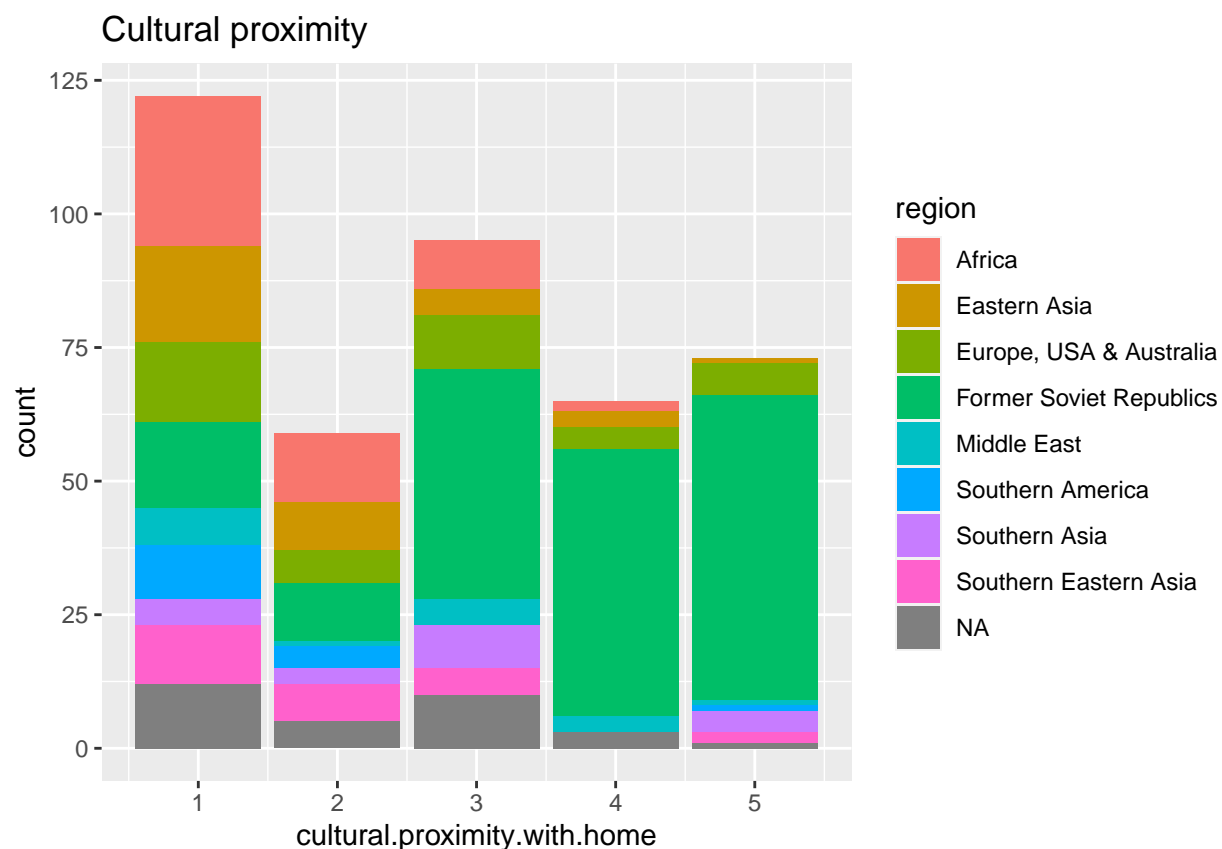
A significant number of respondents (40%) reported that their decision to study in Russia was influenced by recommendations from family and friends.

```
#Cultural proximity
freq(cultural.proximity.with.home)
```

```
## Frequencies
## cultural.proximity.with.home
##
##      Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      1    122    29.47      29.47    29.19    29.19
##      2     59    14.25      43.72    14.11    43.30
##      3     95    22.95      66.67    22.73    66.03
##      4     65    15.70      82.37    15.55    81.58
##      5     73    17.63     100.00    17.46    99.04
##     <NA>     4         0.96    100.00
##     Total   418   100.00     100.00   100.00   100.00
```

```
ggplot(data, aes(x=cultural.proximity.with.home, fill=region)) + geom_bar() + labs(title="Cultural prox")
```

```
## Warning: Removed 4 rows containing non-finite values (stat_count).
```



The results show that cultural proximity was not very influential in defining respondents (43%) decision to study in Russia.

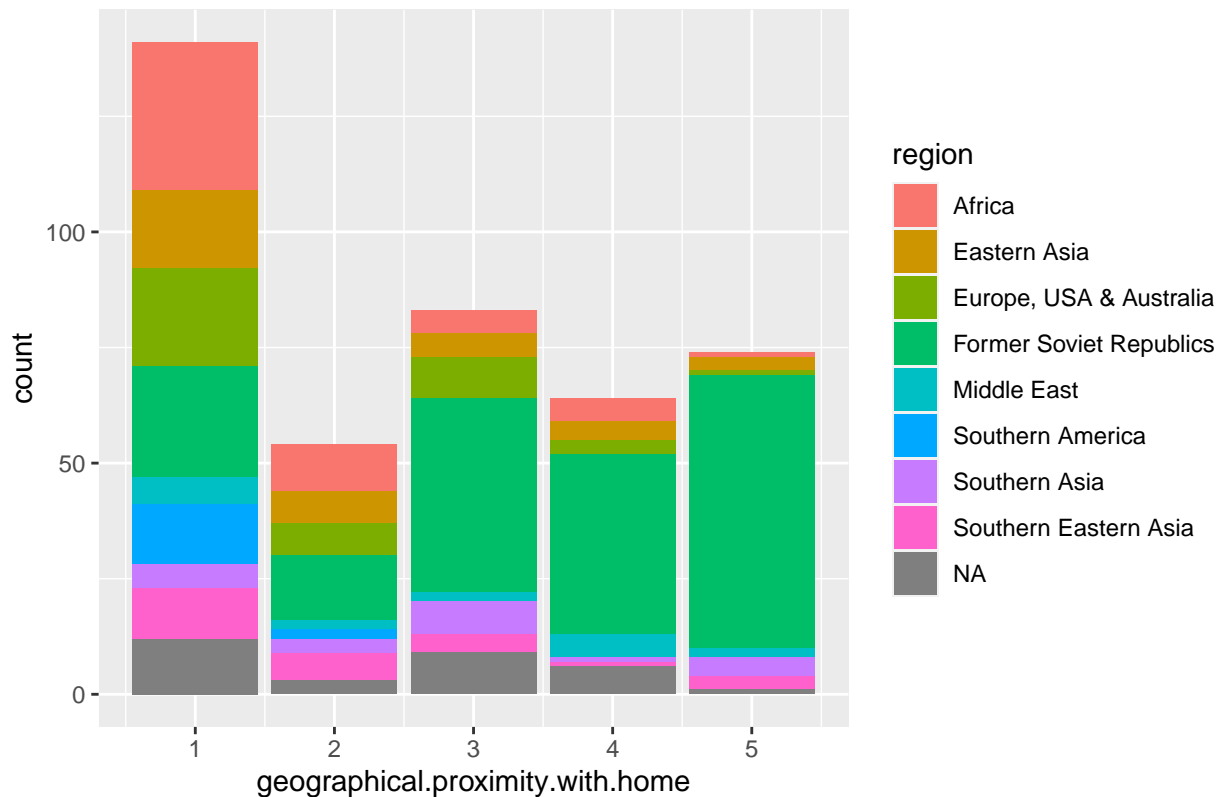
```
#geographical proximity
freq(geographical.proximity.with.home)
```

```
## Frequencies
## geographical.proximity.with.home
##
##      Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      1    141    33.89      33.89    33.73    33.73
##      2     54    12.98      46.88    12.92    46.65
##      3     83    19.95      66.83    19.86    66.51
##      4     64    15.38      82.21    15.31    81.82
##      5     74    17.79     100.00    17.70    99.52
##     <NA>      2      0.48      100.00     0.48   100.00
##     Total   418   100.00     100.00   100.00   100.00
```

```
ggplot(data, aes(x=geographical.proximity.with.home, fill=region)) + geom_bar() + labs(title="Geographic")
```

```
## Warning: Removed 2 rows containing non-finite values (stat_count).
```

## Geographical proximity



Similarly, the results show that geographical proximity was not influential in respondents (47%) decision to study in Russia.

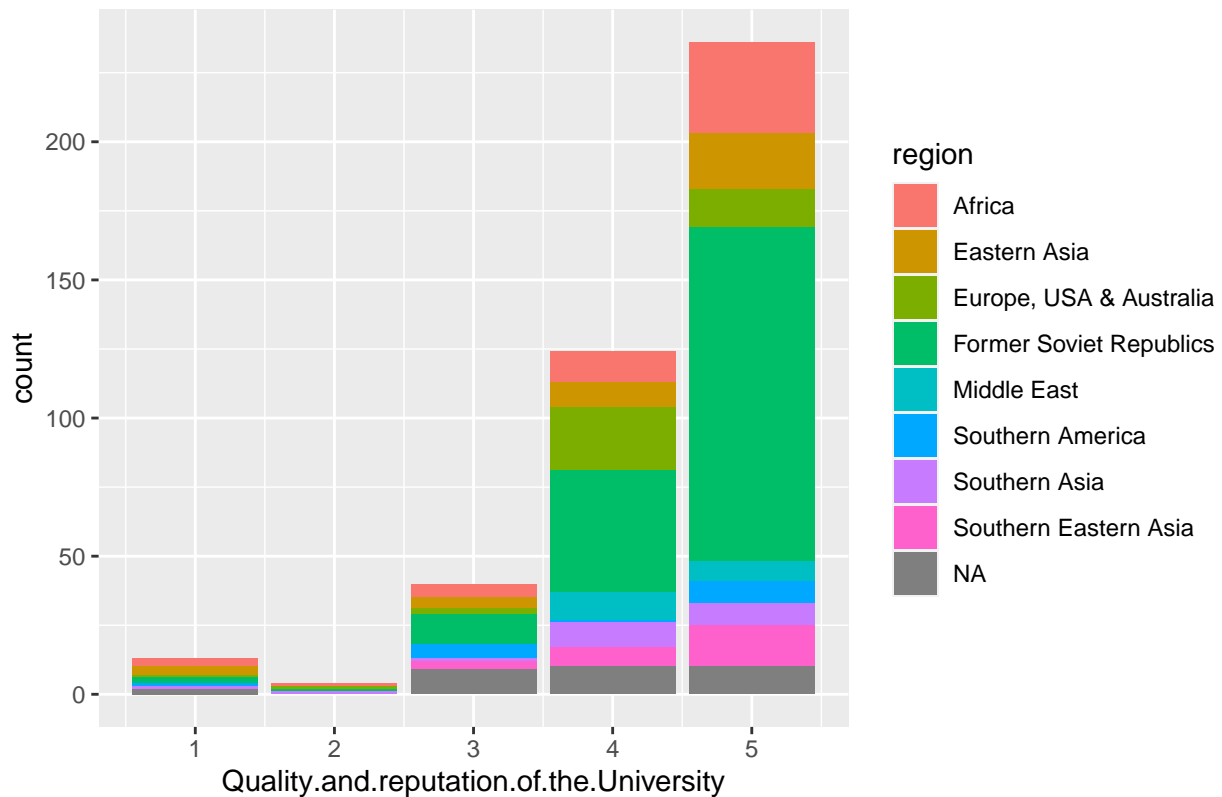
```
#quality and reputation
freq(Quality.and.reputation.of.the.University)
```

```
## Frequencies
## Quality.and.reputation.of.the.University
##
##      Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      1    13     3.12         3.12    3.11     3.11
##      2     4     0.96         4.08    0.96     4.07
##      3    40     9.59        13.67    9.57    13.64
##      4   124    29.74        43.41   29.67    43.30
##      5   236    56.59       100.00   56.46    99.76
##     <NA>     1     0.24         0.24    0.24   100.00
##     Total   418   100.00       100.00  100.00   100.00
```

```
ggplot(data, aes(x=Quality.and.reputation.of.the.University, fill=region)) + geom_bar() + labs(title="Q
```

```
## Warning: Removed 1 rows containing non-finite values (stat_count).
```

## Quality and reputation of HSE



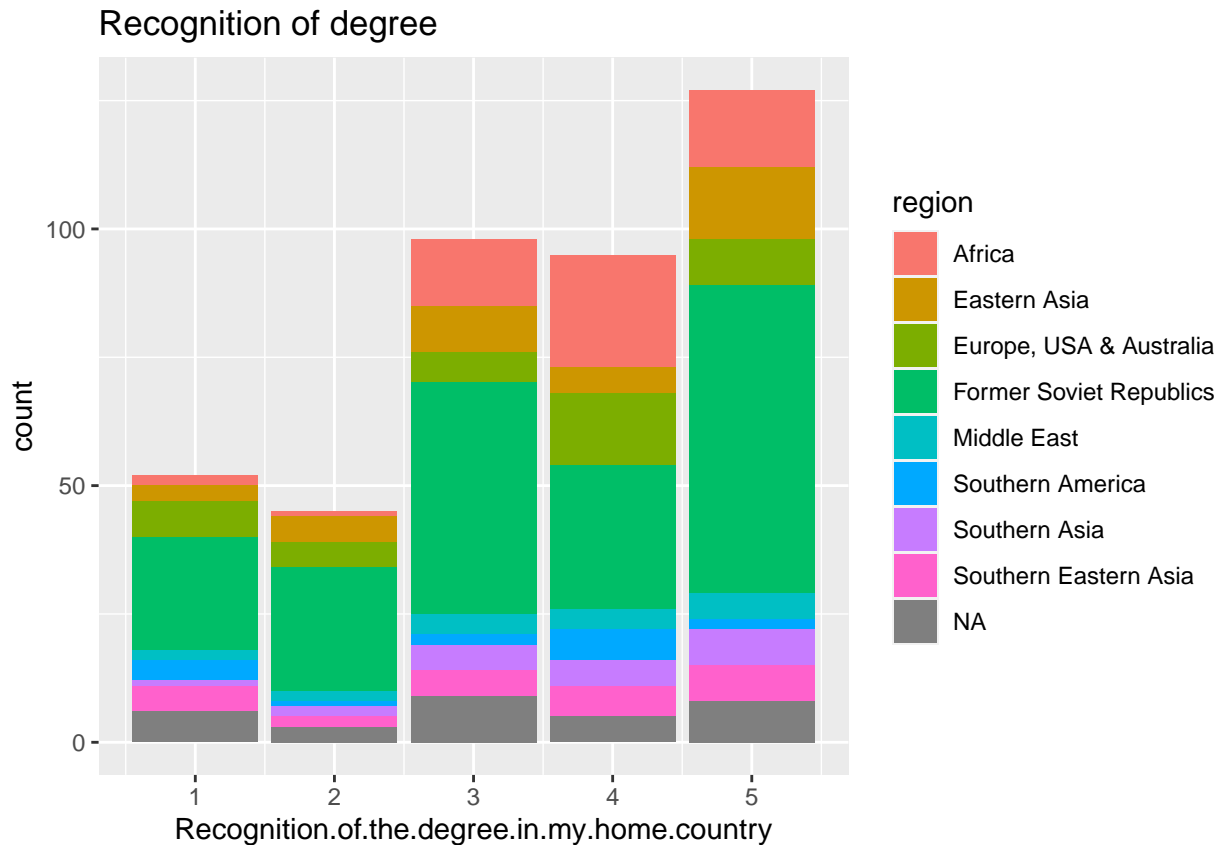
The results show that majority of the respondents (86%) reported that the quality and reputation of HSE was very influential in their decision to study in Russia.

```
#recognition of degree
freq(Recognition.of.the.degree.in.my.home.country)
```

```
## Frequencies
## Recognition.of.the.degree.in.my.home.country
##
##      Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      1    52    12.47      12.47    12.44    12.44
##      2    45    10.79      23.26    10.77    23.21
##      3    98    23.50      46.76    23.44    46.65
##      4    95    22.78      69.54    22.73    69.38
##      5   127    30.46     100.00    30.38    99.76
##     <NA>     1      0.24      100.00     0.24   100.00
##     Total   418   100.00     100.00   100.00   100.00
```

```
ggplot(data, aes(x=Recognition.of.the.degree.in.my.home.country, fill=region)) + geom_bar() + labs(title="Quality and reputation of HSE")
```

```
## Warning: Removed 1 rows containing non-finite values (stat_count).
```



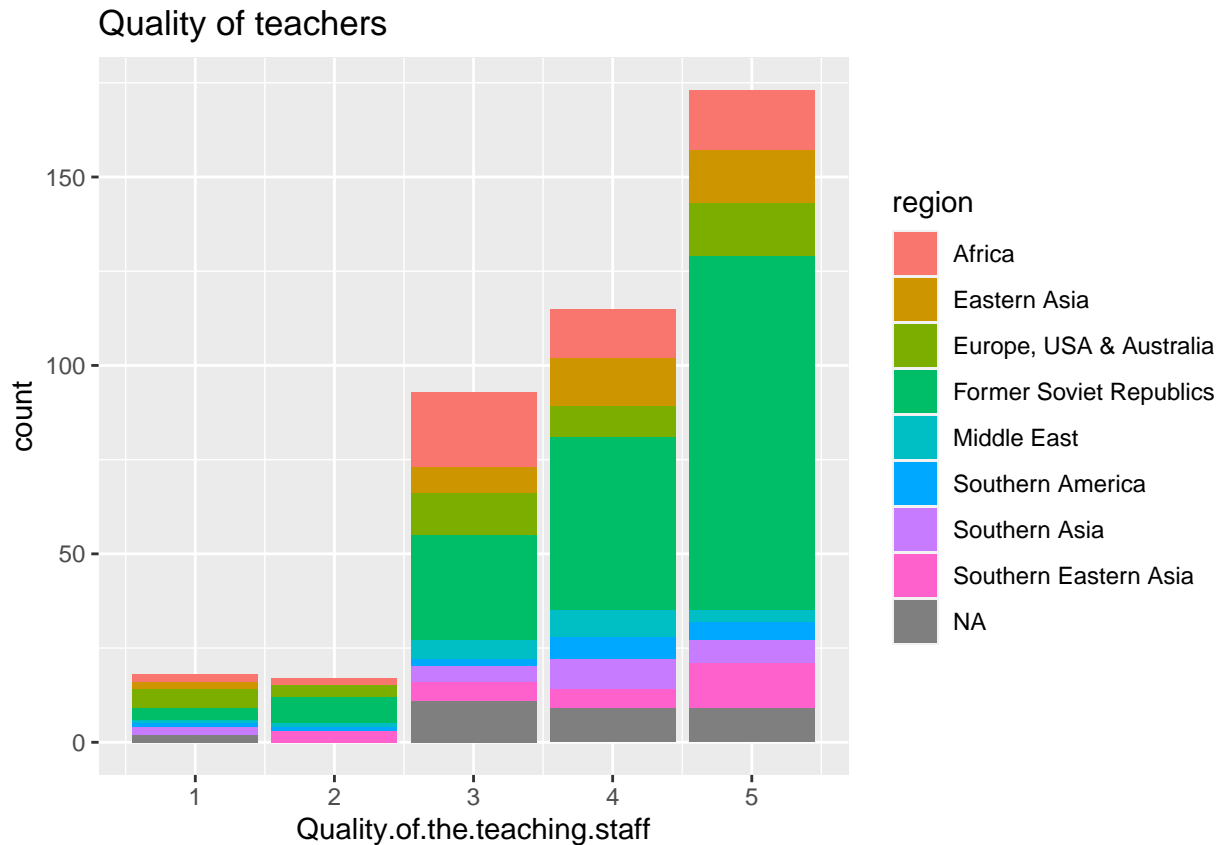
The results show that majority of the respondents (53%) reported that the recognition of HSE's degree in their home country was very influential in their decision to study in Russia.

```
#quality of teachers
freq(Quality.of.the.teaching.staff)
```

```
## Frequencies
## Quality.of.the.teaching.staff
##
##      Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      1    18     4.33         4.33    4.31     4.31
##      2    17     4.09         8.41    4.07     8.37
##      3    93    22.36        30.77   22.25    30.62
##      4   115    27.64        58.41   27.51    58.13
##      5   173    41.59       100.00   41.39    99.52
##     <NA>     2     0.48       100.00    0.48   100.00
##     Total  418   100.00       100.00  100.00   100.00
```

```
ggplot(data, aes(x=Quality.of.the.teaching.staff, fill=region)) + geom_bar() + labs(title="Quality of t
```

```
## Warning: Removed 2 rows containing non-finite values (stat_count).
```



The results show that majority of the respondents (69%) reported that the quality of HSE's teachers was very influential in their decision to study in Russia.

```
#reputation of alumni
freq(The.reputation.of.the.alumni)
```

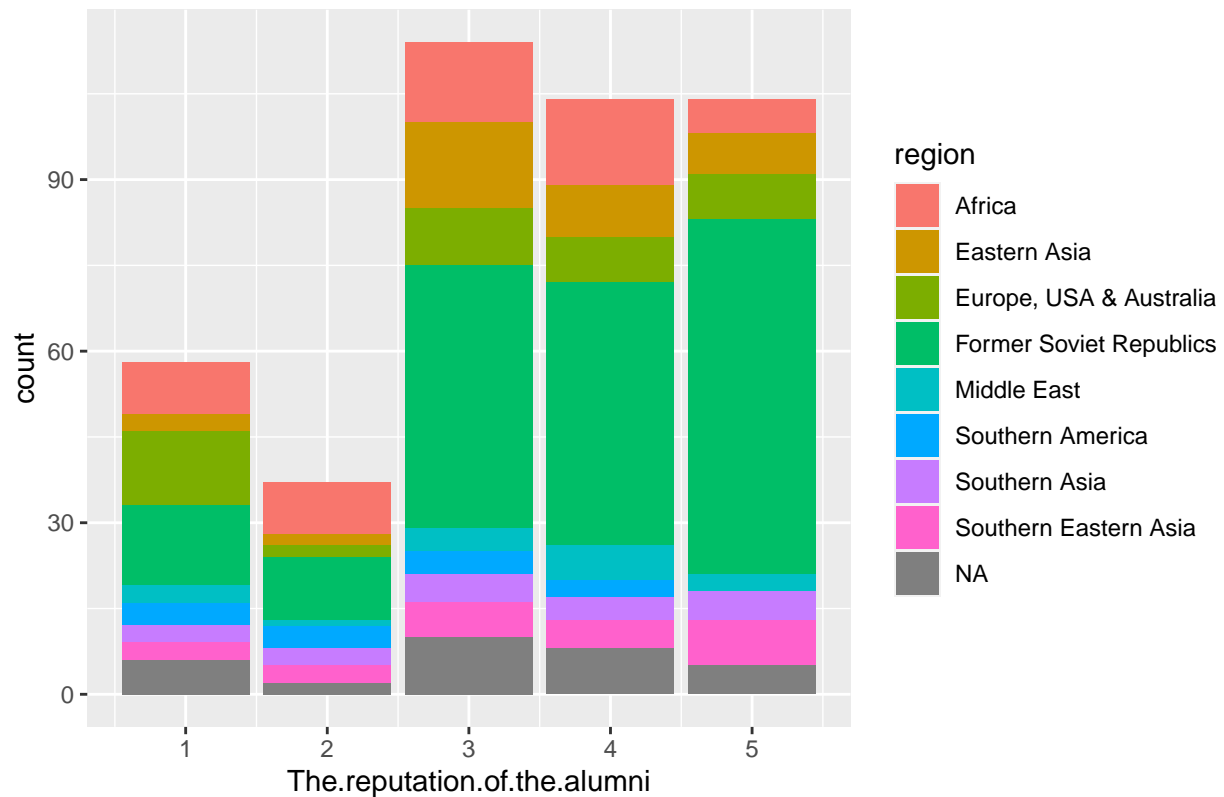
```
## Frequencies
## The.reputation.of.the.alumni
##
```

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	58	13.91	13.91	13.88	13.88
2	37	8.87	22.78	8.85	22.73
3	114	27.34	50.12	27.27	50.00
4	104	24.94	75.06	24.88	74.88
5	104	24.94	100.00	24.88	99.76
<NA>	1			0.24	100.00
Total	418	100.00	100.00	100.00	100.00

```
ggplot(data, aes(x=The.reputation.of.the.alumni, fill=region)) + geom_bar() + labs(title="Reputation of
```

```
## Warning: Removed 1 rows containing non-finite values (stat_count).
```

## Reputation of alumni



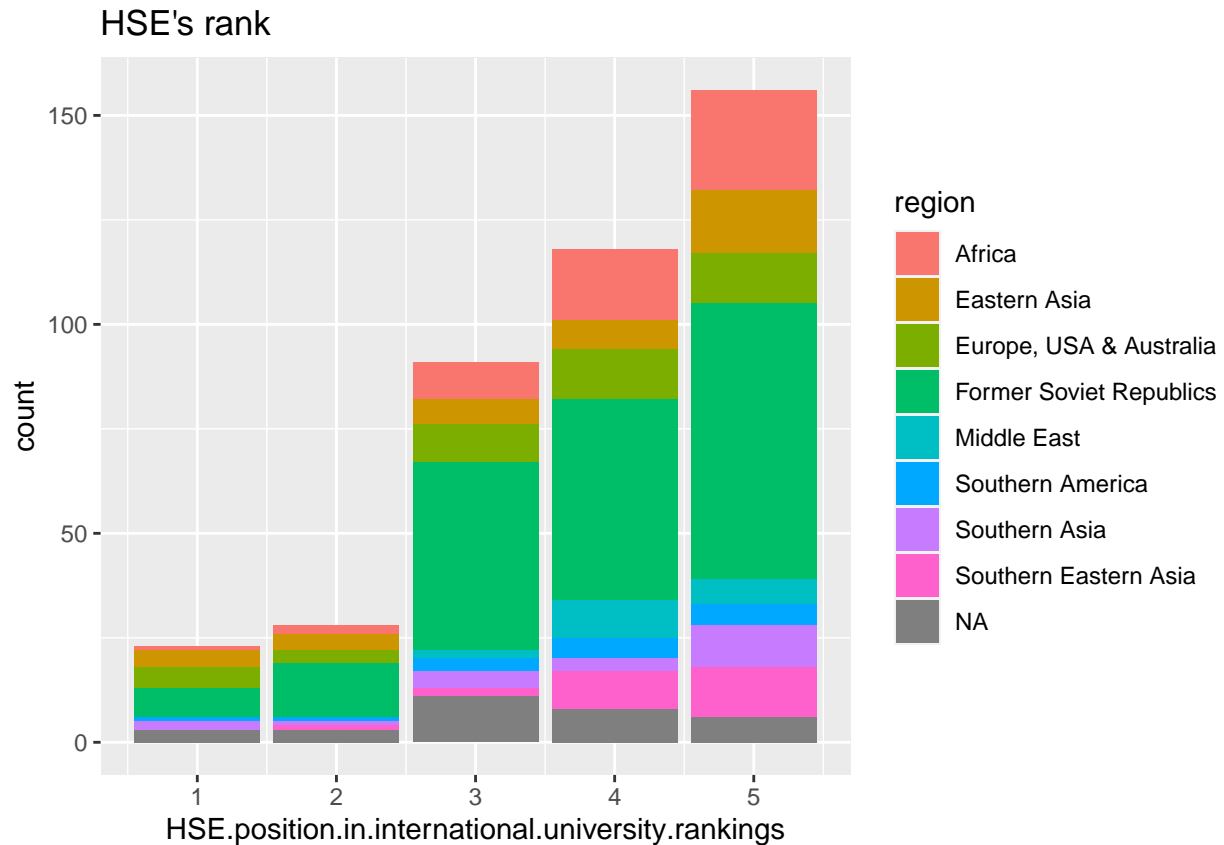
The results show that majority of the respondents (50%) reported that the reputation of HSE's alumni was very influential in their decision to study in Russia.

```
#HSE rank
freq(HSE.position.in.international.university.rankings)
```

```
## Frequencies
## HSE.position.in.international.university.rankings
##
##      Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      1    23     5.53      5.53    5.50     5.50
##      2    28     6.73     12.26    6.70    12.20
##      3    91    21.88     34.13   21.77    33.97
##      4   118    28.37     62.50   28.23    62.20
##      5   156    37.50    100.00   37.32    99.52
##     <NA>     2      0.48      0.48    0.48   100.00
##     Total  418   100.00    100.00  100.00   100.00
```

```
ggplot(data, aes(x=HSE.position.in.international.university.rankings, fill=region)) + geom_bar() + labs
```

```
## Warning: Removed 2 rows containing non-finite values (stat_count).
```



The results show that majority of the respondents (66%) reported that HSE's position in international university rankings was very influential in their decision to study in Russia.

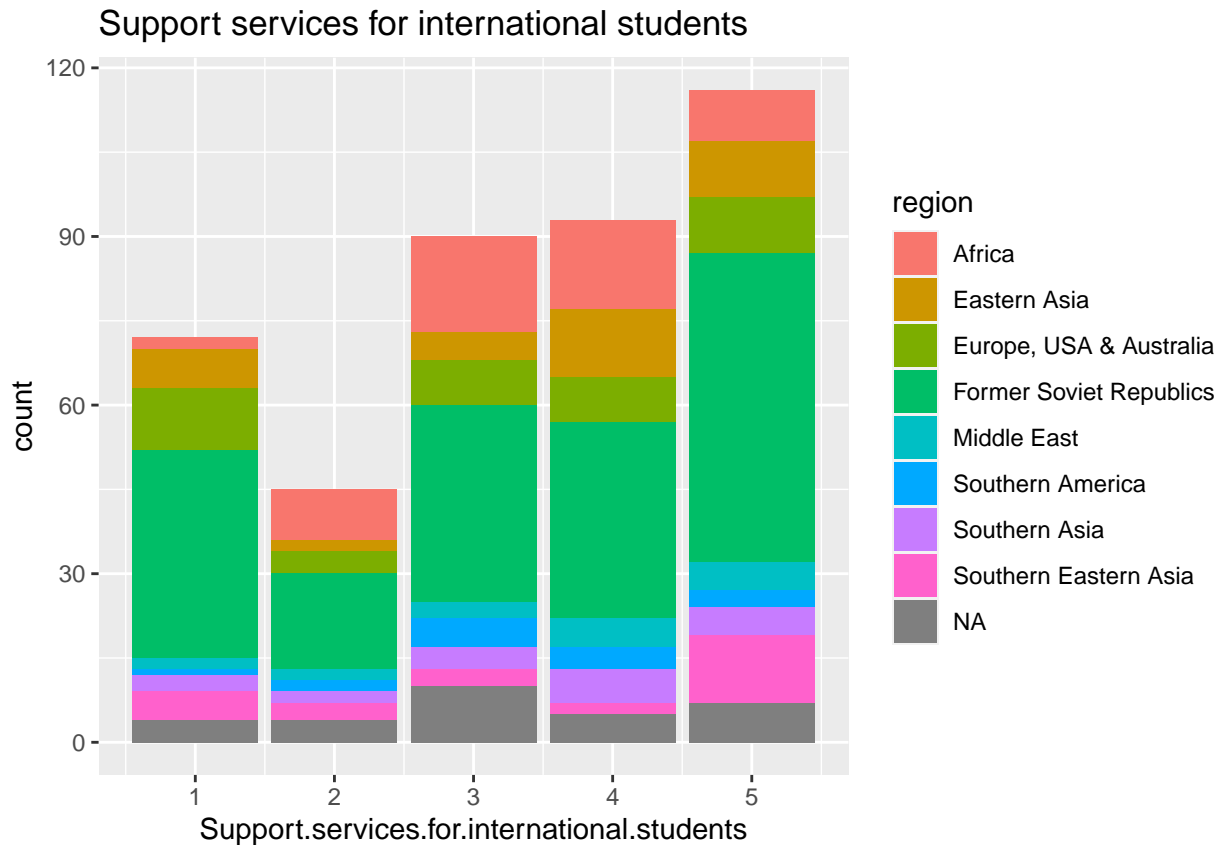
```
#support for international students
freq(Support.services.for.international.students)
```

```
## Frequencies
## Support.services.for.international.students
##
##      Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      1    72    17.31     17.31    17.22    17.22
##      2    45    10.82     28.12    10.77    27.99
##      3    90    21.63     49.76    21.53    49.52
##      4    93    22.36     72.12    22.25    71.77
##      5   116    27.88    100.00    27.75    99.52
##     <NA>     2         0.00         0.00     0.48   100.00
##     Total  418   100.00    100.00   100.00   100.00
```

```
ggplot(data, aes(x=Support.services.for.international.students, fill=region)) + geom_bar() + labs(title="Support for international students by region")
```

```
## Warning: Removed 2 rows containing non-finite values (stat_count).
```





The results show that the respondents (50%) reported that HSE's support for international students was very influential in their decision to study in Russia.

```
#HSE alliances
```

```
freq(HSE.s.international.strategic.alliances)
```

```
## Frequencies
```

```
## HSE.s.international.strategic.alliances
```

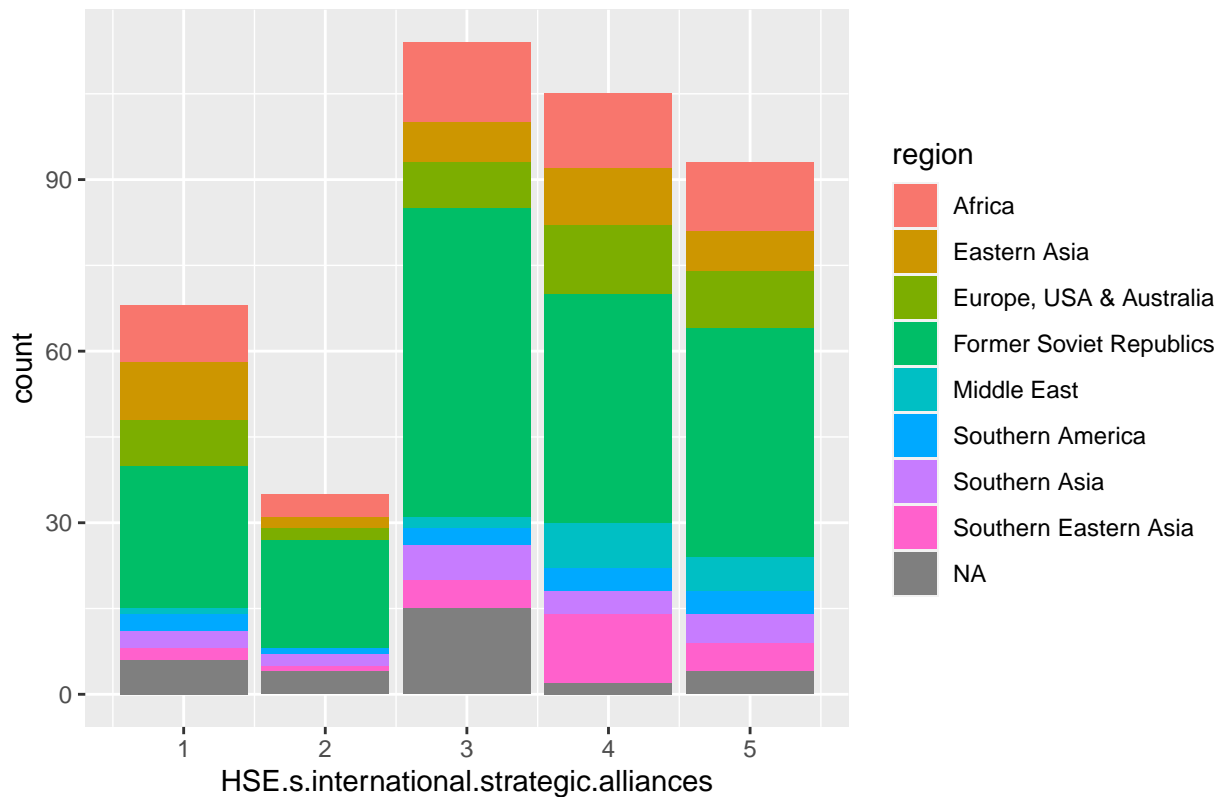
```
##
```

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	68	16.39	16.39	16.27	16.27
2	35	8.43	24.82	8.37	24.64
3	114	27.47	52.29	27.27	51.91
4	105	25.30	77.59	25.12	77.03
5	93	22.41	100.00	22.25	99.28
<NA>	3			0.72	100.00
Total	418	100.00	100.00	100.00	100.00

```
ggplot(data, aes(x=HSE.s.international.strategic.alliances, fill=region)) + geom_bar() + labs(title="HSE.s.international.strategic.alliances")
```

```
## Warning: Removed 3 rows containing non-finite values (stat_count).
```

## HSE alliances



The results show that the respondents (47%) reported that HSE's strategic alliances with other institutions was influential in their decision to study in Russia.

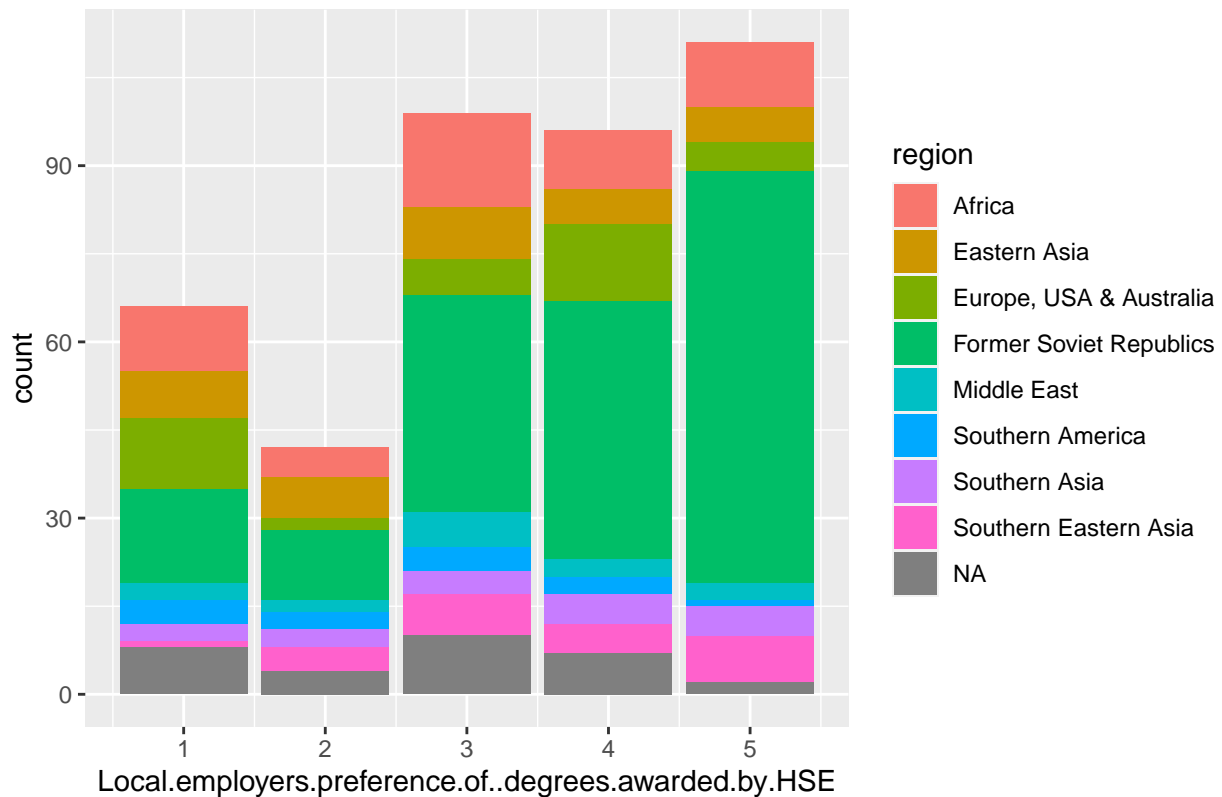
```
#Local preference for HSE degrees
freq(Local.employers.preference.of..degrees.awarded.by.HSE)
```

```
## Frequencies
## Local.employers.preference.of..degrees.awarded.by.HSE
##
##      Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      1    66    15.94      15.94    15.79    15.79
##      2    42    10.14      26.09    10.05    25.84
##      3    99    23.91      50.00    23.68    49.52
##      4    96    23.19      73.19    22.97    72.49
##      5   111    26.81     100.00    26.56    99.04
##     <NA>     4         0.00         0.96   100.00
##     Total  418   100.00     100.00   100.00   100.00
```

```
ggplot(data, aes(x=Local.employers.preference.of..degrees.awarded.by.HSE, fill=region)) + geom_bar() +
```

```
## Warning: Removed 4 rows containing non-finite values (stat_count).
```

## Local preference for HSE degrees



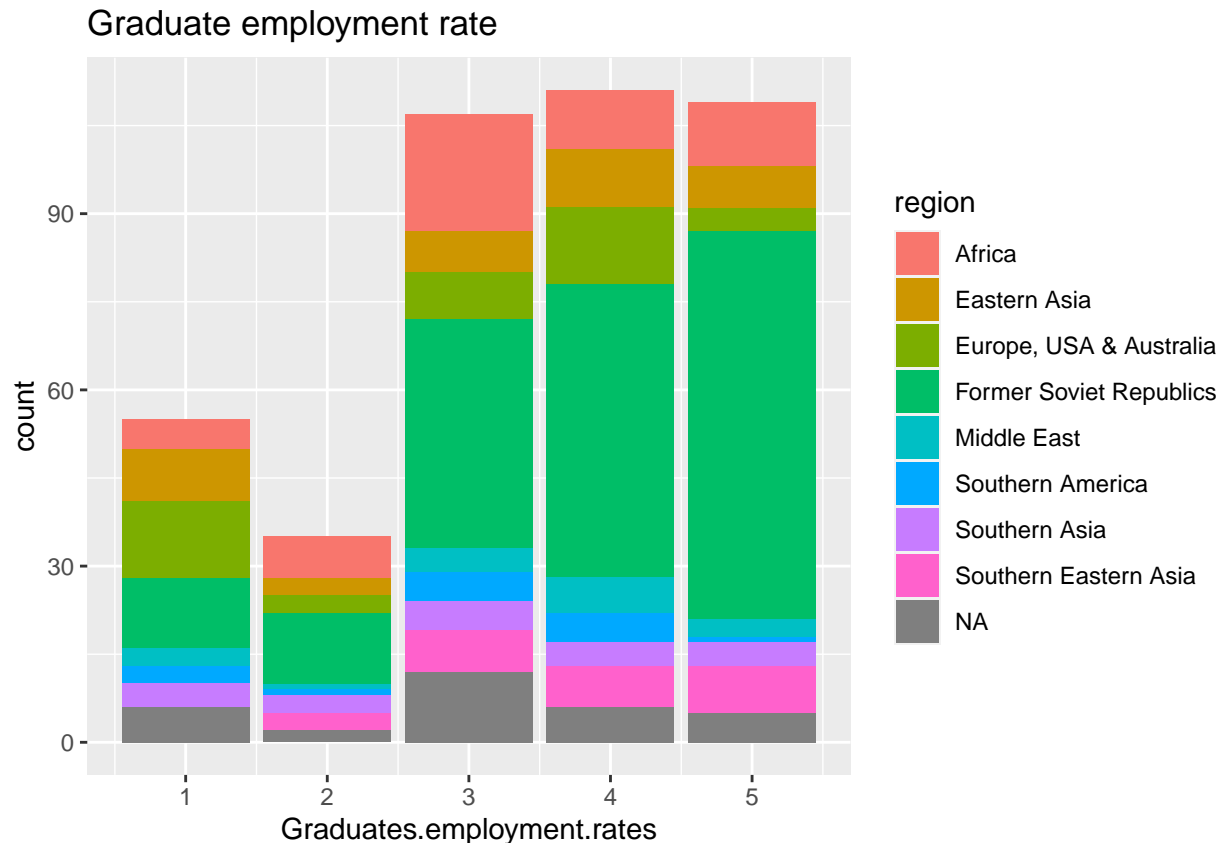
The results show that the respondents (50%) reported that local employers preference for HSE's degree was very influential in their decision to study in Russia.

```
#Graduate employment rates
freq(Graduates.employment.rates)
```

```
## Frequencies
## Graduates.employment.rates
##
##      Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      1    55    13.19      13.19    13.16    13.16
##      2    35     8.39     21.58    8.37     21.53
##      3   107    25.66     47.24   25.60     47.13
##      4   111    26.62     73.86   26.56     73.68
##      5   109    26.14    100.00   26.08     99.76
##     <NA>     1      0.00      0.00    0.24    100.00
##     Total  418   100.00    100.00  100.00    100.00
```

```
ggplot(data, aes(x=Graduates.employment.rates, fill=region)) + geom_bar() + labs(title="Graduate employ
```

```
## Warning: Removed 1 rows containing non-finite values (stat_count).
```



The results show that the respondents (53%) reported that HSE's graduate employment rates was very influential in their decision to study in Russia.

## Pull factors (Regression analysis)

empty model

Full Model

Results

```
kable(summary(model2)$coef, digits = 2, caption = "Pull factors")
```

The table displays the results of the full regression model to highlight the association between the pull factors and the decision to study abroad. The model has a R2 of 0.214 which means that approximately the model can explain 21% of the decision to study in Russia and this highlights the goodness of the results. The following factors realized significance; availability of desired study program, higher quality of education compared to home country, low cost of living, attraction to Russian culture, and graduates employment rates.

## Post graduation migration plans

This section highlights students' post migration plans

## graduation plans

```
freq(What.are.your.plans.after.graduation.)
```

Table 1: Pull factors

	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	2.45	0.14	18.11	0.00
Availability.of.desired.study.program	0.07	0.03	2.64	0.01
Higher.quality.of.education..compared.to.home.country.	-0.07	0.03	-2.97	0.00
Low.cost.of.living	0.05	0.02	2.08	0.04
Low.tuition.fees	0.00	0.02	-0.10	0.92
Awarded.scholarships.or.tuition.waiver	0.00	0.03	-0.14	0.89
Attraction.to.Russian.culture..society	0.05	0.02	2.47	0.01
Career.prospects.in.Russia	-0.03	0.02	-1.18	0.24
Personal.recommendations.from.parents..relatives..and.friends	-0.04	0.02	-1.86	0.06
cultural.proximity.with.home	-0.01	0.03	-0.37	0.71
geographical.proximity.with.home	-0.05	0.03	-1.86	0.06
Quality.and.reputation.of.the.University	0.02	0.04	0.66	0.51
Recognition.of.the.degree.in.my.home.country	0.02	0.02	0.87	0.39
Quality.of.the.teaching.staff	-0.01	0.03	-0.20	0.84
The.reputation.of.the.alumni	-0.03	0.03	-1.06	0.29
The.reputation.of.the.international.community	-0.02	0.03	-0.70	0.48
HSE.position.in.international.university.rankings	0.05	0.03	1.76	0.08
Cost.of.tuition.for.international.students	0.01	0.02	0.58	0.56
Availability.of.scholarships	0.02	0.03	0.82	0.41
Support.services.for.international.students	0.03	0.02	1.46	0.14
Graduates.employment.rates	-0.08	0.03	-2.94	0.00
HSE.s.international.strategic.alliances	0.00	0.02	-0.08	0.93
Local.employers.preference.of..degrees.awarded.by.HSE	0.03	0.02	1.28	0.20

```
## Frequencies
```

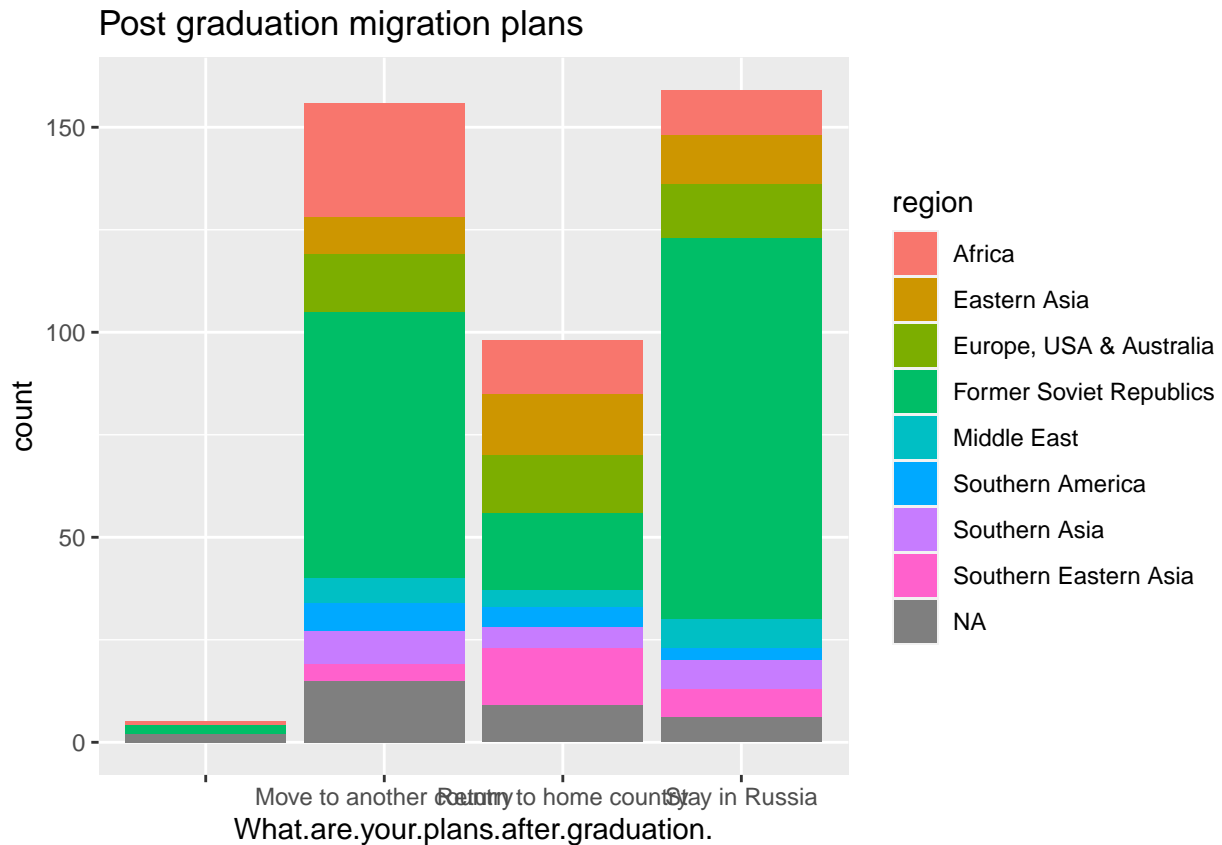
```
## What.are.your.plans.after.graduation.
```

```
## Type: Factor
```

```
##
```

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
(Empty string)	5	1.20	1.20	1.20	1.20
Move to another country	156	37.32	38.52	37.32	38.52
Return to home country	98	23.44	61.96	23.44	61.96
Stay in Russia	159	38.04	100.00	38.04	100.00
<NA>	0			0.00	100.00
Total	418	100.00	100.00	100.00	100.00

```
ggplot(data, aes(x=What.are.your.plans.after.graduation., fill=region)) + geom_bar() + labs(title="Post
```



This results show the distribution of respondents and their post graduation migration plans. 37% of the respondents reported that they intended to move to another country after graduation, 38% reported they intended to stay in Russia and 23% wanted to return home.

## Staying in Russia (Descriptive analysis)

Reason for staying in Russia

```
#job opportunities
freq(Better.job.opportunities..in.comparison.with.home.country.)
```

```
## Frequencies
## Better.job.opportunities..in.comparison.with.home.country.
##
##      Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##      1      6    3.77      3.77    1.44    1.44
##      2      5    3.14      6.92    1.20    2.63
##      3     29   18.24     25.16    6.94    9.57
##      4     38   23.90     49.06    9.09   18.66
##      5     81   50.94    100.00   19.38   38.04
##     <NA>   259   100.00    100.00   61.96  100.00
##     Total   418   100.00    100.00  100.00  100.00
```

This show that the respondents' decision to stay in Russia after graduation is influenced by better job opportunities in Russia as compared to the home country.

```
#quality of life
freq(Higher.quality.of.life..in.comparison.with.home.country.)
```

```
## Frequencies
## Higher.quality.of.life..in.comparison.with.home.country.
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    10     6.29      6.29    2.39    2.39
##          2    16    10.06     16.35    3.83    6.22
##          3    29    18.24     34.59    6.94   13.16
##          4    39    24.53     59.12    9.33   22.49
##          5    65    40.88    100.00   15.55   38.04
##         <NA>  259             61.96   100.00
##        Total  418   100.00    100.00  100.00  100.00
```

This show that the respondents' decision to stay in Russia after graduation is influenced by higher quality of life in Russia as compared to the home country.

```
#career opportunities
freq(Better.career.opportunities.and.advancement.in.chosen.profession)
```

```
## Frequencies
## Better.career.opportunities.and.advancement.in.chosen.profession
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1     6     3.77      3.77    1.44    1.44
##          2     2     1.26      5.03    0.48    1.91
##          3    18    11.32     16.35    4.31    6.22
##          4    50    31.45     47.80   11.96   18.18
##          5    83    52.20    100.00   19.86   38.04
##         <NA>  259             61.96   100.00
##        Total  418   100.00    100.00  100.00  100.00
```

This show that the respondents' decision to stay in Russia after graduation is influenced by better career opportunities in Russia.

```
#income level
freq(Higher.income.level)
```

```
## Frequencies
## Higher.income.level
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1     7     4.40      4.40    1.67    1.67
##          2    12     7.55     11.95    2.87    4.55
##          3    27    16.98     28.93    6.46   11.00
##          4    38    23.90     52.83    9.09   20.10
##          5    75    47.17    100.00   17.94   38.04
##         <NA>  259             61.96   100.00
##        Total  418   100.00    100.00  100.00  100.00
```

This show that the respondents' decision to stay in Russia after graduation is influenced by higher income level in Russia.

```
#ties to family and friends
freq(Ties.to.family.and.friends)
```

```
## Frequencies
## Ties.to.family.and.friends
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    29    18.24    18.24    6.94    6.94
##          2    20    12.58    30.82    4.78    11.72
##          3    40    25.16    55.97    9.57    21.29
##          4    33    20.75    76.73    7.89    29.19
##          5    37    23.27    100.00   8.85    38.04
##         <NA>   259             61.96   100.00
##        Total   418   100.00   100.00  100.00  100.00
```

This show that the respondents' decision to stay in Russia after graduation is influenced by ties to family and friends in Russia.

```
#international experience
freq(Gain.international.experience)
```

```
## Frequencies
## Gain.international.experience
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    21    13.21    13.21    5.02    5.02
##          2    16    10.06    23.27    3.83    8.85
##          3    28    17.61    40.88    6.70    15.55
##          4    37    23.27    64.15    8.85    24.40
##          5    57    35.85    100.00   13.64    38.04
##         <NA>   259             61.96   100.00
##        Total   418   100.00   100.00  100.00  100.00
```

This show that the respondents' decision to stay in Russia after graduation is influenced by their desire to gain international experience.

Reasons for not returning home but stay in Russia

```
#family expectations
freq(Family.expectations)
```

```
## Frequencies
## Family.expectations
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    39    24.53    24.53    9.33    9.33
##          2    21    13.21    37.74    5.02   14.35
##          3    38    23.90    61.64    9.09   23.44
##          4    26    16.35    77.99    6.22   29.67
##          5    35    22.01   100.00    8.37   38.04
##         <NA>   259             61.96   100.00
##        Total   418   100.00   100.00  100.00  100.00
```

This shows that the respondents' are uncertain about the influence of family expectations in their decision to



not return home after graduation.

```
#cultural practices
freq(Restrictive.cultural.practices..eg..pressure.to.marry.)
```

```
## Frequencies
## Restrictive.cultural.practices..eg..pressure.to.marry.
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    89    55.97    55.97    21.29    21.29
##          2    20    12.58    68.55    4.78    26.08
##          3    30    18.87    87.42    7.18    33.25
##          4    14     8.81    96.23    3.35    36.60
##          5     6     3.77   100.00    1.44    38.04
##         <NA>   259             61.96   100.00
##        Total   418   100.00   100.00  100.00  100.00
```

This shows that cultural practices was not influential in respondents' decision to not return home after graduation.

```
#limited job opportunitiesin Home country
freq(Limited.job.opportunities.in.home.country)
```

```
## Frequencies
## Limited.job.opportunities.in.home.country
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    21    13.21    13.21    5.02    5.02
##          2    10     6.29    19.50    2.39    7.42
##          3    29    18.24    37.74    6.94   14.35
##          4    36    22.64    60.38    8.61   22.97
##          5    63    39.62   100.00   15.07   38.04
##         <NA>   259             61.96   100.00
##        Total   418   100.00   100.00  100.00  100.00
```

This shows that limited job opportunities in home country was influential in respondents' decision to not return home after graduation.

```
#income levels
freq(Lower.income.levels)
```

```
## Frequencies
## Lower.income.levels
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    18    11.46    11.46    4.31    4.31
##          2    15     9.55    21.02    3.59    7.89
##          3    32    20.38    41.40    7.66   15.55
##          4    41    26.11    67.52    9.81   25.36
##          5    51    32.48   100.00   12.20   37.56
##         <NA>   261             62.44   100.00
##        Total   418   100.00   100.00  100.00  100.00
```

Respondents reported that lower income levels in their home country was influential in their decision to not return home after graduation.

```
#quality of life
freq(Lower.quality.of.life.2)
```

```
## Frequencies
## Lower.quality.of.life.2
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    28    17.61    17.61    6.70    6.70
##          2    12     7.55    25.16    2.87    9.57
##          3    33    20.75    45.91    7.89   17.46
##          4    38    23.90    69.81    9.09   26.56
##          5    48    30.19   100.00   11.48   38.04
##         <NA>   259             61.96   100.00
##        Total   418   100.00   100.00  100.00  100.00
```

Respondents reported that lower quality of life in their home country was influential in their decision to not return home after graduation.

```
#political persecution
freq(Political.persecution)
```

```
## Frequencies
## Political.persecution
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    82    51.57    51.57   19.62   19.62
##          2    18    11.32    62.89    4.31   23.92
##          3    30    18.87    81.76    7.18   31.10
##          4    14     8.81    90.57    3.35   34.45
##          5    15     9.43   100.00    3.59   38.04
##         <NA>   259             61.96   100.00
##        Total   418   100.00   100.00  100.00  100.00
```

This shows that fear of political persecution was not influential in respondents' decision to not return home after graduation.

```
#danger to one's life
freq(Danger.or.fear.for.one.s.own.life)
```

```
## Frequencies
## Danger.or.fear.for.one.s.own.life
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1   103    64.78    64.78   24.64   24.64
##          2    13     8.18    72.96    3.11   27.75
##          3    25    15.72    88.68    5.98   33.73
##          4     8     5.03    93.71    1.91   35.65
##          5    10     6.29   100.00    2.39   38.04
##         <NA>   259             61.96   100.00
##        Total   418   100.00   100.00  100.00  100.00
```

This shows that danger to one's own life was not influential in respondents' decision to not return home after graduation.

## Returning home

Reasons for returning home

```
#professional opportunities in HC  
freq(Better.professional.opportunities.in.home.country)
```

```
## Frequencies  
## Better.professional.opportunities.in.home.country  
##  
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.  
## -----  
##          1    10    10.53    10.53    2.39    2.39  
##          2    11    11.58    22.11    2.63    5.02  
##          3    18    18.95    41.05    4.31    9.33  
##          4    18    18.95    60.00    4.31   13.64  
##          5    38    40.00   100.00    9.09   22.73  
##         <NA>   323           77.27   100.00  
##        Total   418   100.00   100.00  100.00  100.00
```

This shows that better professional opportunities in respondents' home country was influential in their plan to return home after graduation.

```
#quality of living in HC  
freq(Better.quality.of.living.in.home.country)
```

```
## Frequencies  
## Better.quality.of.living.in.home.country  
##  
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.  
## -----  
##          1     9     9.47     9.47     2.15     2.15  
##          2     7     7.37    16.84     1.67     3.83  
##          3    17    17.89    34.74     4.07     7.89  
##          4    19    20.00    54.74     4.55    12.44  
##          5    43    45.26   100.00    10.29    22.73  
##         <NA>   323           77.27   100.00  
##        Total   418   100.00   100.00   100.00   100.00
```

This shows that better quality of living respondents' home country was influential in their plan to return home after graduation.

```
#feeling comfortable at home  
freq(Feeling.more.comfortable.at.home)
```

```
## Frequencies  
## Feeling.more.comfortable.at.home  
##  
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.  
## -----  
##          1     4     4.08     4.08     0.96     0.96  
##          2     3     3.06     7.14     0.72     1.67  
##          3    15    15.31    22.45     3.59     5.26  
##          4    17    17.35    39.80     4.07     9.33  
##          5    59    60.20   100.00    14.11    23.44  
##         <NA>   320           76.56   100.00  
##        Total   418   100.00   100.00   100.00   100.00
```

This shows that feeling more comfortable in respondents' home country was influential in their plan to return home after graduation.

*#income levels*

`freq(Higher.income.levels)`

## Frequencies

## Higher.income.levels

##

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	8	8.51	8.51	1.91	1.91
2	9	9.57	18.09	2.15	4.07
3	29	30.85	48.94	6.94	11.00
4	12	12.77	61.70	2.87	13.88
5	36	38.30	100.00	8.61	22.49
<NA>	324			77.51	100.00
Total	418	100.00	100.00	100.00	100.00

This shows that higher income levels in respondents' home country was influential in their plan to return home after graduation.

*#family ties in HC*

`freq(Family.ties.back.home)`

## Frequencies

## Family.ties.back.home

##

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	4	4.21	4.21	0.96	0.96
2	3	3.16	7.37	0.72	1.67
3	15	15.79	23.16	3.59	5.26
4	23	24.21	47.37	5.50	10.77
5	50	52.63	100.00	11.96	22.73
<NA>	323			77.27	100.00
Total	418	100.00	100.00	100.00	100.00

This shows that family ties back home was influential in respondents' plan to return home after graduation.

Reasons for Leaving Russia to Return Home

*#feeling of alienation*

`freq(Feelings.of.alienation.from.the.Russian.culture.and.population)`

## Frequencies

## Feelings.of.alienation.from.the.Russian.culture.and.population

##

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	23	23.47	23.47	5.50	5.50
2	16	16.33	39.80	3.83	9.33
3	27	27.55	67.35	6.46	15.79
4	14	14.29	81.63	3.35	19.14
5	18	18.37	100.00	4.31	23.44
<NA>	320			76.56	100.00
Total	418	100.00	100.00	100.00	100.00

This shows that feeling of alienation from the Russian culture and people was not influential in respondents' plan leave Russia after graduation.

*#finding jobs*

`freq(Difficulties.in.finding.a.job)`

```
## Frequencies
## Difficulties.in.finding.a.job
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1     9    9.18      9.18    2.15    2.15
##          2    16   16.33     25.51    3.83    5.98
##          3    24   24.49     50.00    5.74   11.72
##          4    21   21.43     71.43    5.02   16.75
##          5    28   28.57    100.00    6.70   23.44
##         <NA>   320             76.56   100.00
##        Total   418   100.00    100.00  100.00  100.00
```

This shows that difficulty in finding a job in Russia was influential in respondents' plan to leave after graduation.

*#working conditions*

`freq(Poor.working.conditions)`

```
## Frequencies
## Poor.working.conditions
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    18   18.95     18.95    4.31    4.31
##          2    13   13.68     32.63    3.11    7.42
##          3    28   29.47     62.11    6.70   14.11
##          4    19   20.00     82.11    4.55   18.66
##          5    17   17.89    100.00    4.07   22.73
##         <NA>   323             77.27   100.00
##        Total   418   100.00    100.00  100.00  100.00
```

This shows that respondents were uncertain about the influence of poor working conditions in Russia in their plan to leave after graduation.

*#quality of life*

`freq(Lower.quality.of.life)`

```
## Frequencies
## Lower.quality.of.life
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    16   16.84     16.84    3.83    3.83
##          2    18   18.95     35.79    4.31    8.13
##          3    23   24.21     60.00    5.50   13.64
##          4    19   20.00     80.00    4.55   18.18
##          5    19   20.00    100.00    4.55   22.73
##         <NA>   323             77.27   100.00
##        Total   418   100.00    100.00  100.00  100.00
```

This shows that respondents were uncertain about the influence of lower quality of life in Russia in their plan

to leave after graduation.

*#discrimination*

`freq(Perceived.or.experienced.discrimination)`

## Frequencies

## Perceived.or.experienced.discrimination

##

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	29	30.53	30.53	6.94	6.94
2	12	12.63	43.16	2.87	9.81
3	26	27.37	70.53	6.22	16.03
4	8	8.42	78.95	1.91	17.94
5	20	21.05	100.00	4.78	22.73
<NA>	323			77.27	100.00
Total	418	100.00	100.00	100.00	100.00

This shows that respondents reported that perceived or experienced discriminations was not influential in their decision to leave after graduation.

*#crime and safety level*

`freq(Crime.and.low.level.of.safety)`

## Frequencies

## Crime.and.low.level.of.safety

##

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	31	32.63	32.63	7.42	7.42
2	11	11.58	44.21	2.63	10.05
3	27	28.42	72.63	6.46	16.51
4	9	9.47	82.11	2.15	18.66
5	17	17.89	100.00	4.07	22.73
<NA>	323			77.27	100.00
Total	418	100.00	100.00	100.00	100.00

Respondents reported that crime and low level of safety in Russia was not influential in their decision to leave after graduation.

*#immigration process*

`freq(Strict.migration.process.difficulties.in.getting.visas.)`

## Frequencies

## Strict.migration.process.difficulties.in.getting.visas.

##

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	18	18.95	18.95	4.31	4.31
2	10	10.53	29.47	2.39	6.70
3	23	24.21	53.68	5.50	12.20
4	19	20.00	73.68	4.55	16.75
5	25	26.32	100.00	5.98	22.73
<NA>	323			77.27	100.00
Total	418	100.00	100.00	100.00	100.00

Respondents reported that Russia's strict migration process was influential in their decision to leave after graduation.

## Moving to another country

Reasons for moving to another country

*#job opportunities*

`freq(Better.job.opportunities)`

## Frequencies

## Better.job.opportunities

##

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	4	2.61	2.61	0.96	0.96
2	5	3.27	5.88	1.20	2.15
3	18	11.76	17.65	4.31	6.46
4	45	29.41	47.06	10.77	17.22
5	81	52.94	100.00	19.38	36.60
<NA>	265			63.40	100.00
Total	418	100.00	100.00	100.00	100.00

Respondents reported that their plan to move to another country after graduation was influenced by better job opportunities in that country.

*#quality of life*

`freq(Higher.quality.of.life)`

## Frequencies

## Higher.quality.of.life

##

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	3	1.97	1.97	0.72	0.72
2	5	3.29	5.26	1.20	1.91
3	18	11.84	17.11	4.31	6.22
4	36	23.68	40.79	8.61	14.83
5	90	59.21	100.00	21.53	36.36
<NA>	266			63.64	100.00
Total	418	100.00	100.00	100.00	100.00

Respondents reported that their plan to move to another country after graduation was influenced by higher quality of life in that country.

*#career opportunities*

`freq(Better.career.opportunities.and.advancement.in.chosen.profession.1)`

## Frequencies

## Better.career.opportunities.and.advancement.in.chosen.profession.1

##

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	4	2.61	2.61	0.96	0.96
2	3	1.96	4.58	0.72	1.67
3	19	12.42	16.99	4.55	6.22
4	41	26.80	43.79	9.81	16.03
5	86	56.21	100.00	20.57	36.60
<NA>	265			63.40	100.00
Total	418	100.00	100.00	100.00	100.00

Respondents reported that their plan to move to another country after graduation was influenced by better career opportunities in that country.

```
#income levels
```

```
freq(Higher.income.levels.1)
```

```
## Frequencies
```

```
## Higher.income.levels.1
```

```
##
```

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	5	3.29	3.29	1.20	1.20
2	6	3.95	7.24	1.44	2.63
3	18	11.84	19.08	4.31	6.94
4	34	22.37	41.45	8.13	15.07
5	89	58.55	100.00	21.29	36.36
<NA>	266			63.64	100.00
Total	418	100.00	100.00	100.00	100.00

Respondents reported that their plan to move to another country after graduation was influenced by higher income levels in that country.

```
#ties to family and friends
```

```
freq(Ties.to.family.and.friends.1)
```

```
## Frequencies
```

```
## Ties.to.family.and.friends.1
```

```
##
```

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	64	41.83	41.83	15.31	15.31
2	29	18.95	60.78	6.94	22.25
3	30	19.61	80.39	7.18	29.43
4	14	9.15	89.54	3.35	32.78
5	16	10.46	100.00	3.83	36.60
<NA>	265			63.40	100.00
Total	418	100.00	100.00	100.00	100.00

Respondents reported that their plan to move to another country after graduation was not influenced by better job opportunities in that country.

```
#international experience
```

```
freq(Gain.international.experience.1)
```

```
## Frequencies
```

```
## Gain.international.experience.1
```

```
##
```

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	5	3.27	3.27	1.20	1.20
2	5	3.27	6.54	1.20	2.39
3	17	11.11	17.65	4.07	6.46
4	32	20.92	38.56	7.66	14.11
5	94	61.44	100.00	22.49	36.60
<NA>	265			63.40	100.00
Total	418	100.00	100.00	100.00	100.00

Respondents reported that desire to gain international experience influenced their plan to move to another



country after graduation.

```
#immigration process
freq(Flexible.immigration.process)
```

```
## Frequencies
## Flexible.immigration.process
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    28    18.30      18.30    6.70     6.70
##          2    20    13.07      31.37    4.78    11.48
##          3    37    24.18      55.56    8.85    20.33
##          4    22    14.38      69.93    5.26    25.60
##          5    46    30.07     100.00   11.00    36.60
##         <NA>  265             63.40   100.00
##        Total  418   100.00     100.00  100.00   100.00
```

Respondents reported that flexible immigration process influenced their plan to move to another country after graduation.

Reasons for Leaving Russia to move to another country

```
#feeling of aliention
freq(Feelings.of.alienation.from.the.Russian.culture.and.population.1)
```

```
## Frequencies
## Feelings.of.alienation.from.the.Russian.culture.and.population.1
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    50    32.47      32.47   11.96    11.96
##          2    16    10.39      42.86    3.83    15.79
##          3    33    21.43      64.29    7.89    23.68
##          4    28    18.18      82.47    6.70    30.38
##          5    27    17.53     100.00    6.46    36.84
##         <NA>  264             63.16   100.00
##        Total  418   100.00     100.00  100.00   100.00
```

This shows that feeling of alientation from the Russian culture and people was not influential in respondents' plan leave Russia after graduation.

```
#finding jobs
freq(Difficulties.in.finding.a.job.1)
```

```
## Frequencies
## Difficulties.in.finding.a.job.1
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    32    20.78      20.78    7.66     7.66
##          2    21    13.64      34.42    5.02    12.68
##          3    36    23.38      57.79    8.61    21.29
##          4    27    17.53      75.32    6.46    27.75
##          5    38    24.68     100.00    9.09    36.84
##         <NA>  264             63.16   100.00
##        Total  418   100.00     100.00  100.00   100.00
```

This shows that difficulty in finding a job was influential in respondents' plan leave Russia after graduation.

```
#working conditions
```

```
freq(Poor.working.conditions.1)
```

```
## Frequencies
```

```
## Poor.working.conditions.1
```

```
##
```

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	27	17.65	17.65	6.46	6.46
2	21	13.73	31.37	5.02	11.48
3	49	32.03	63.40	11.72	23.21
4	30	19.61	83.01	7.18	30.38
5	26	16.99	100.00	6.22	36.60
<NA>	265			63.40	100.00
Total	418	100.00	100.00	100.00	100.00

This shows that poor working conditions was influential in respondents' plan leave Russia after graduation.

```
#discrimination
```

```
freq(Perceived.or.experienced.discrimination.1)
```

```
## Frequencies
```

```
## Perceived.or.experienced.discrimination.1
```

```
##
```

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	40	25.97	25.97	9.57	9.57
2	23	14.94	40.91	5.50	15.07
3	28	18.18	59.09	6.70	21.77
4	31	20.13	79.22	7.42	29.19
5	32	20.78	100.00	7.66	36.84
<NA>	264			63.16	100.00
Total	418	100.00	100.00	100.00	100.00

This shows that perceived or experienced discrimination was not influential in respondents' plan leave Russia after graduation.

```
#crime and safety level
```

```
freq(Crime.and.low.level.of.safety.1)
```

```
## Frequencies
```

```
## Crime.and.low.level.of.safety.1
```

```
##
```

	Freq	% Valid	% Valid Cum.	% Total	% Total Cum.
1	57	37.01	37.01	13.64	13.64
2	25	16.23	53.25	5.98	19.62
3	37	24.03	77.27	8.85	28.47
4	14	9.09	86.36	3.35	31.82
5	21	13.64	100.00	5.02	36.84
<NA>	264			63.16	100.00
Total	418	100.00	100.00	100.00	100.00

This shows that crime and low level of safety was not influential in respondents' plan leave Russia after graduation.

```
#immigration process
freq(Strict.migration.process.difficulties.in.getting.visas..1)
```

```
## Frequencies
## Strict.migration.process.difficulties.in.getting.visas..1
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    47    30.52    30.52    11.24    11.24
##          2    28    18.18    48.70    6.70    17.94
##          3    36    23.38    72.08    8.61    26.56
##          4    20    12.99    85.06    4.78    31.34
##          5    23    14.94    100.00    5.50    36.84
##         <NA>   264             63.16    100.00
##        Total   418    100.00    100.00    100.00    100.00
```

This shows that Russia's strict immigration process was not influential in respondents' plan leave Russia after graduation.

Reasons for not returning home but move to another country

```
#family expectations
freq(Family.expectations.1)
```

```
## Frequencies
## Family.expectations.1
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    52    33.99    33.99    12.44    12.44
##          2    18    11.76    45.75    4.31    16.75
##          3    28    18.30    64.05    6.70    23.44
##          4    29    18.95    83.01    6.94    30.38
##          5    26    16.99    100.00    6.22    36.60
##         <NA>   265             63.40    100.00
##        Total   418    100.00    100.00    100.00    100.00
```

This shows that family expectations was not influential in respondents' plan to not return home after graduation.

```
#cultural practices
freq(Restrictive.cultural.practices..eg..pressure.to.marry..1)
```

```
## Frequencies
## Restrictive.cultural.practices..eg..pressure.to.marry..1
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    87    56.86    56.86    20.81    20.81
##          2    17    11.11    67.97    4.07    24.88
##          3    21    13.73    81.70    5.02    29.90
##          4    14    9.15    90.85    3.35    33.25
##          5    14    9.15    100.00    3.35    36.60
##         <NA>   265             63.40    100.00
##        Total   418    100.00    100.00    100.00    100.00
```

This shows that restrictive cultural practices was not influential in respondents' plan to not return home

after graduation.

```
#limited job opportunities  
freq(Limited.job.opportunities.in.home.country.1)
```

```
## Frequencies  
## Limited.job.opportunities.in.home.country.1  
##  
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.  
## -----  
##          1    25    16.34    16.34    5.98    5.98  
##          2    11     7.19    23.53    2.63    8.61  
##          3    20    13.07    36.60    4.78   13.40  
##          4    32    20.92    57.52    7.66   21.05  
##          5    65    42.48   100.00   15.55   36.60  
##         <NA>   265             63.40   100.00  
##        Total   418   100.00   100.00  100.00  100.00
```

This shows that limited job opportunities back home was influential in respondents' plan to not return home after graduation.

```
#income levels  
freq(Lower.income.levels.1)
```

```
## Frequencies  
## Lower.income.levels.1  
##  
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.  
## -----  
##          1    26    17.11    17.11    6.22    6.22  
##          2     8     5.26    22.37    1.91    8.13  
##          3    15     9.87    32.24    3.59   11.72  
##          4    33    21.71    53.95    7.89   19.62  
##          5    70    46.05   100.00   16.75   36.36  
##         <NA>   266             63.64   100.00  
##        Total   418   100.00   100.00  100.00  100.00
```

This shows that lower income levels back home was influential in respondents' plan to not return home after graduation.

```
#quality of life  
freq(Lower.quality.of.life.3)
```

```
## Frequencies  
## Lower.quality.of.life.3  
##  
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.  
## -----  
##          1    26    16.99    16.99    6.22    6.22  
##          2    12     7.84    24.84    2.87    9.09  
##          3    30    19.61    44.44    7.18   16.27  
##          4    27    17.65    62.09    6.46   22.73  
##          5    58    37.91   100.00   13.88   36.60  
##         <NA>   265             63.40   100.00  
##        Total   418   100.00   100.00  100.00  100.00
```

This shows that lower quality of life back home was influential in respondents' plan to not return home after graduation.

```
#political persecution
freq(Political.persecution.1)
```

```
## Frequencies
## Political.persecution.1
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    57    37.50    37.50    13.64    13.64
##          2    17    11.18    48.68    4.07    17.70
##          3    27    17.76    66.45    6.46    24.16
##          4    22    14.47    80.92    5.26    29.43
##          5    29    19.08    100.00    6.94    36.36
##         <NA>  266             63.64    100.00
##        Total  418    100.00    100.00    100.00    100.00
```

This shows that fear of political persecution back home was not influential in respondents' plan to not return home after graduation.

```
#danger to one's life
freq(Danger.or.fear.for.one.s.own.life.1)
```

```
## Frequencies
## Danger.or.fear.for.one.s.own.life.1
##
##          Freq  % Valid  % Valid Cum.  % Total  % Total Cum.
## -----
##          1    76    49.67    49.67    18.18    18.18
##          2    24    15.69    65.36    5.74    23.92
##          3    18    11.76    77.12    4.31    28.23
##          4    20    13.07    90.20    4.78    33.01
##          5    15     9.80    100.00    3.59    36.60
##         <NA>  265             63.40    100.00
##        Total  418    100.00    100.00    100.00    100.00
```

This shows that fear for one's own life back home was not influential in respondents' plan to not return home after graduation.