

# The dependence of ease of solving tasks on the number of them at school - selected fields.

*Jacek Maksymiuk*

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# 1 INTRODUCTION

Following report (submission) presents how long it takes for 15- years old students to study specified sections of math science in school and how students feel about these sections. The whole raport (submission) is divided into 65 parts, depends on the country. Data were collected for PISA report in year 2012.

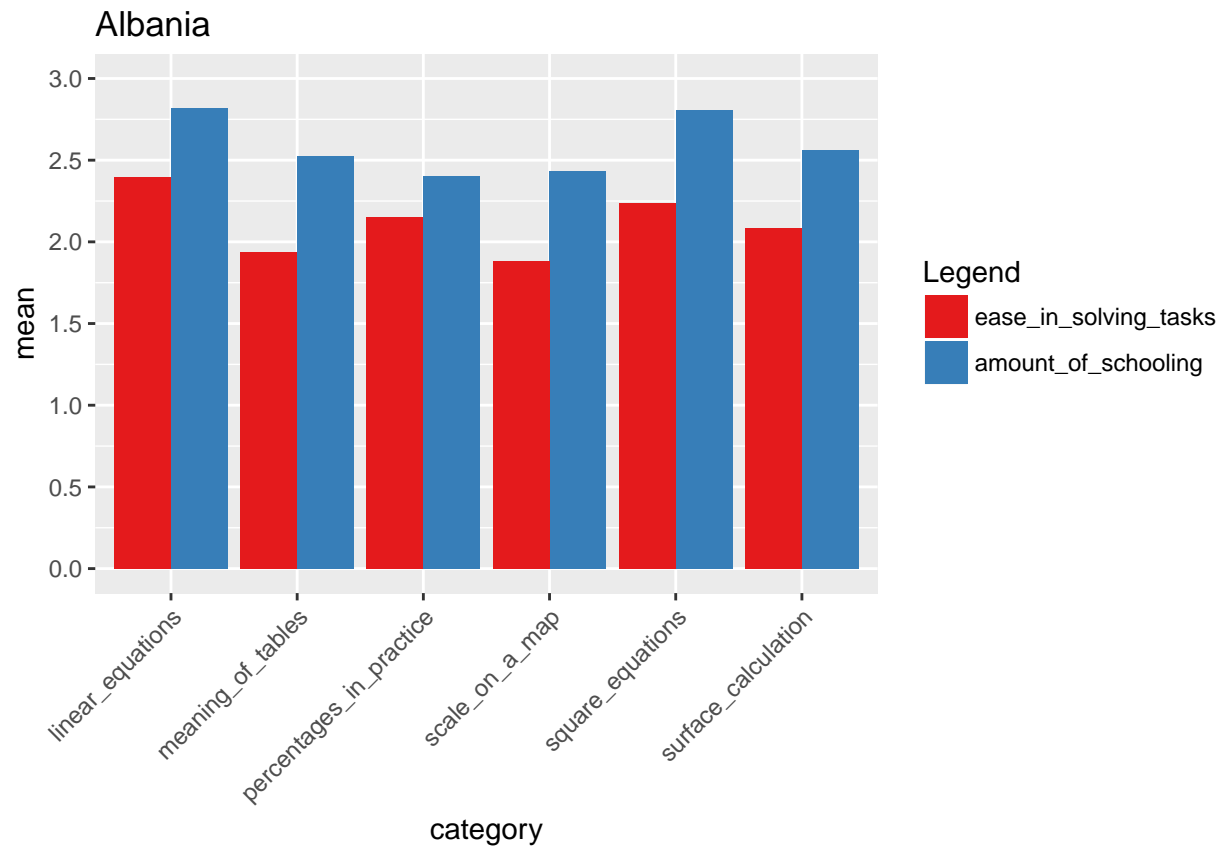
Metodology: Following report (submission) gives an answer for two questions: 1)How confident do you feel about having to do the following mathematics tasks? 2)How often have you encountered the following types of mathematics tasks during your time at school?

For the first one, students could choose from: 'Very confident', 'Confident', 'Not very confident', 'Not at all confident'.

For the second one, students could choose from: 'Frequently', 'Sometimes', 'Rarely', 'Never'.

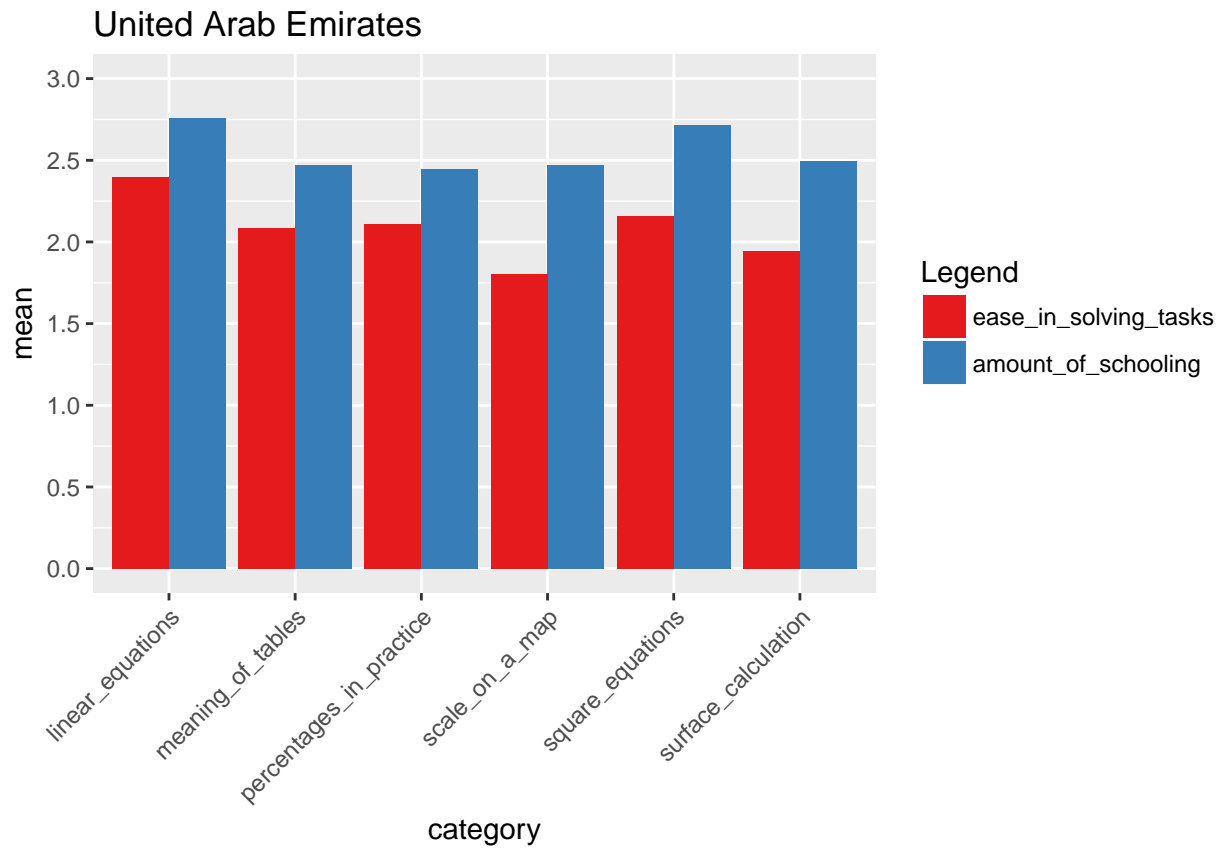
Next, for answer students schould put a note, from 3 to 0. The result is the mean value for each country and for each questions

## 2 ALBANIA



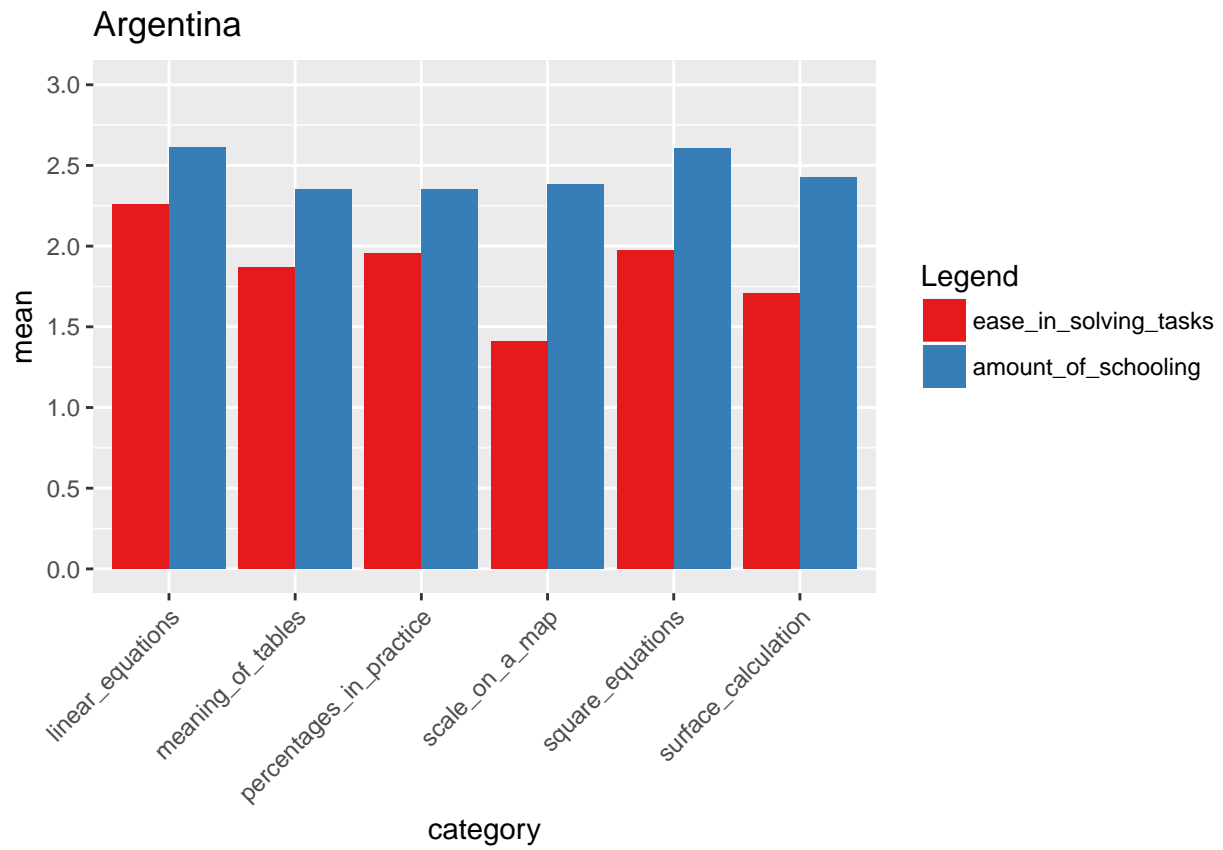
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### 3 UNITED ARAB EMIRATES



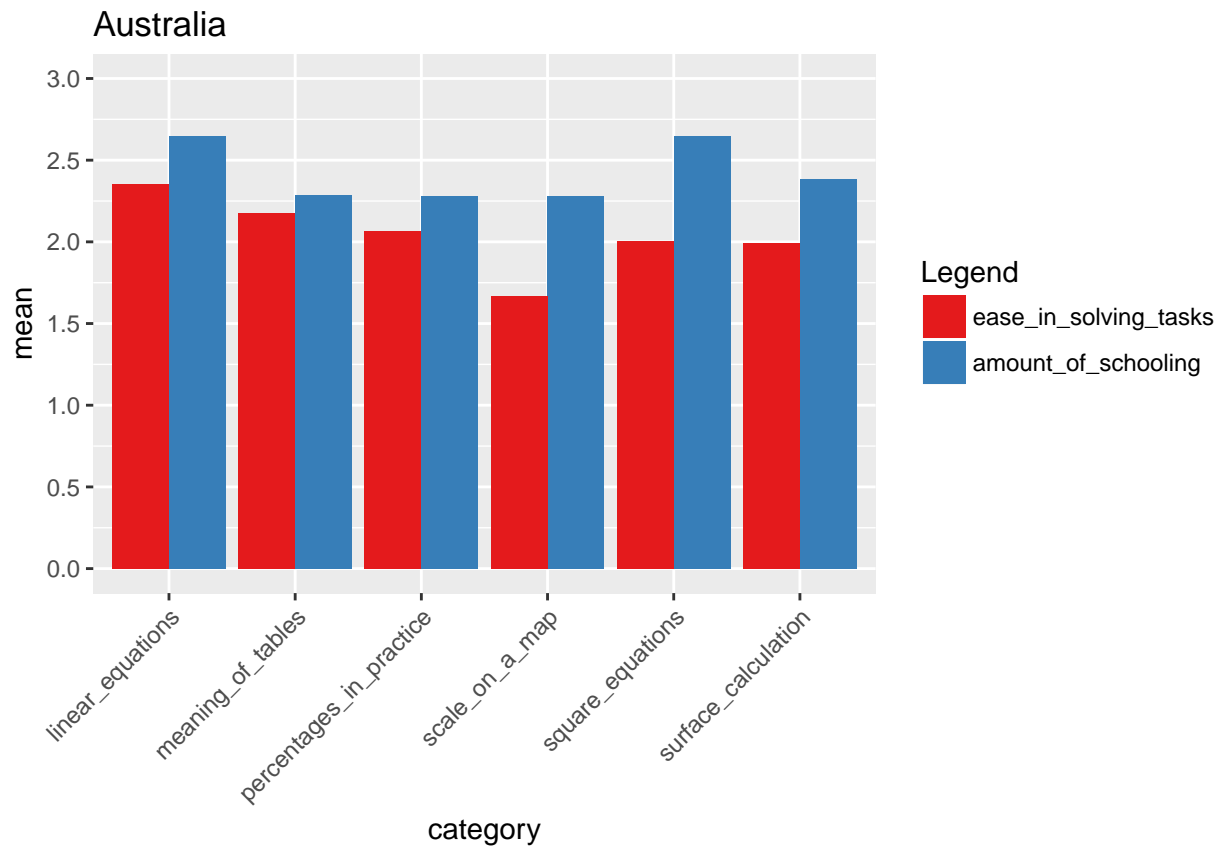
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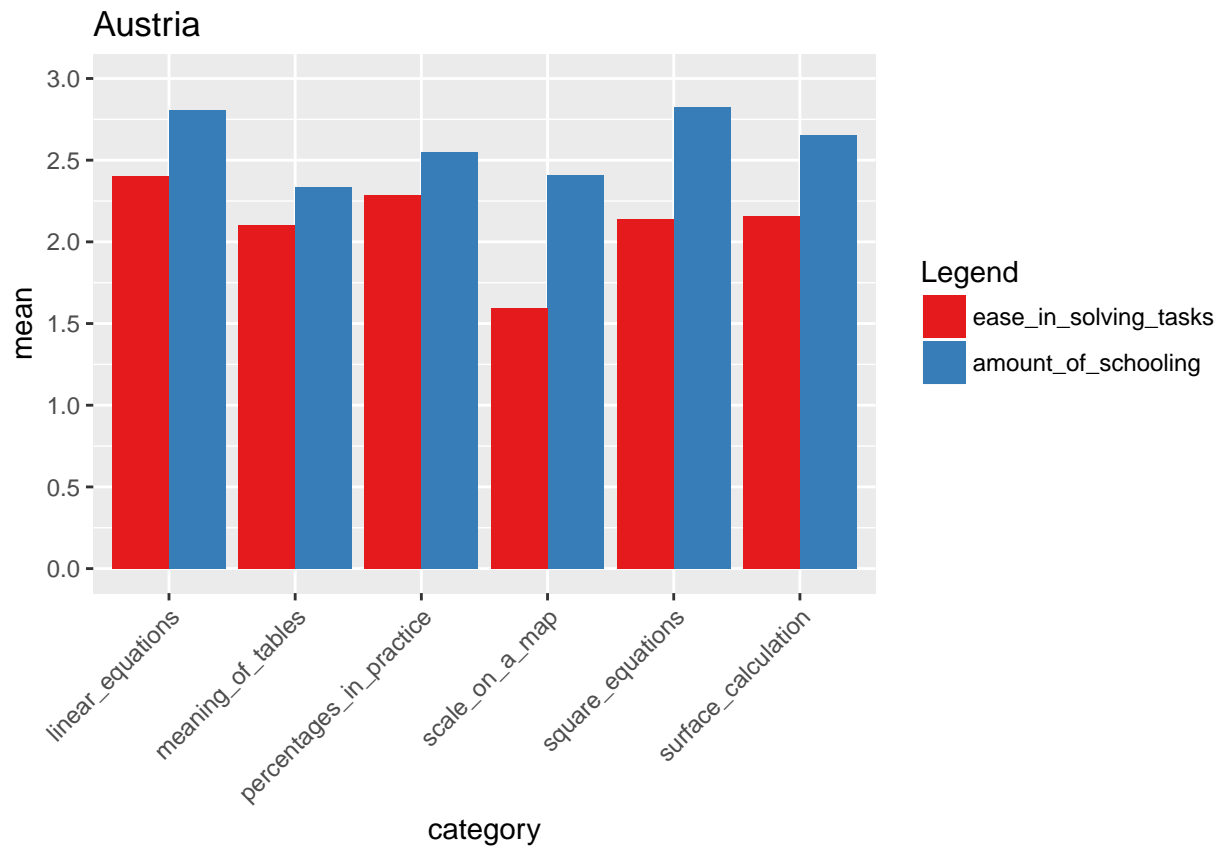
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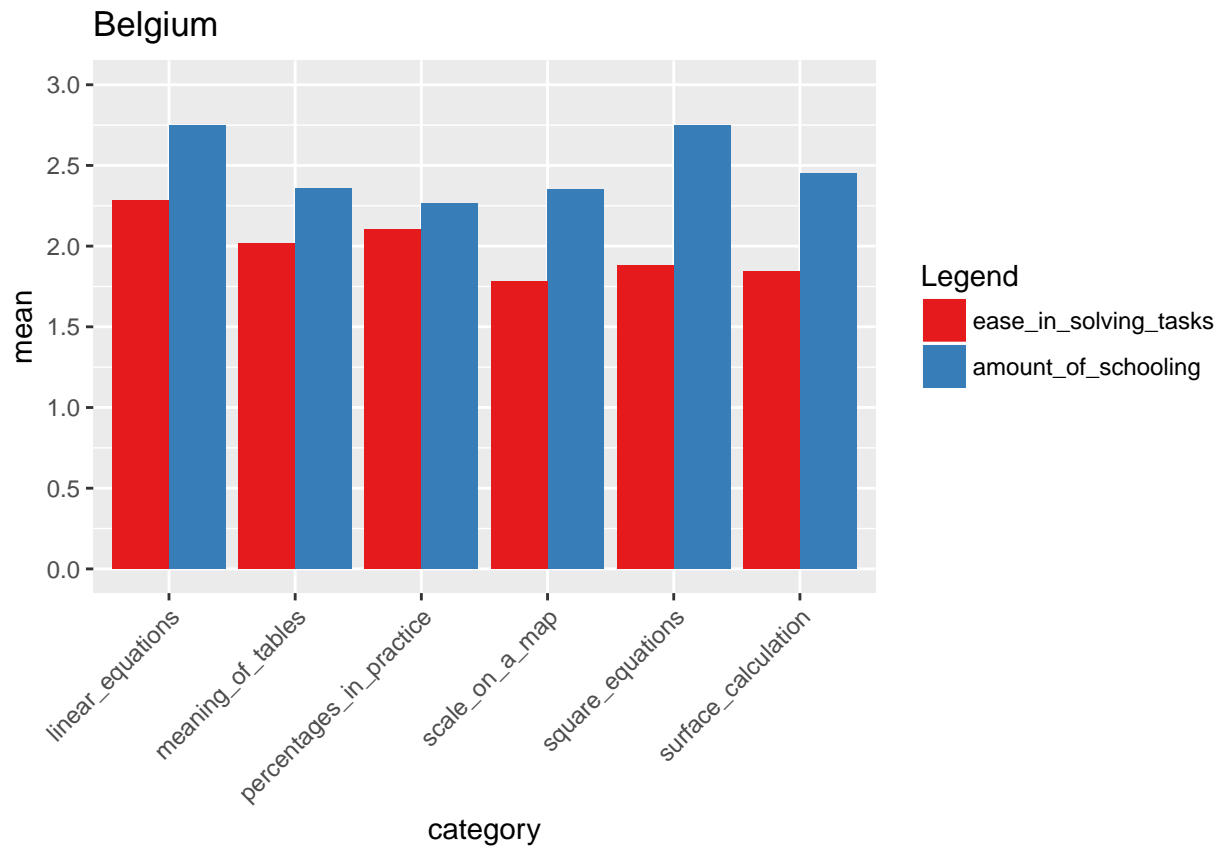


## 6 AUSTRIA



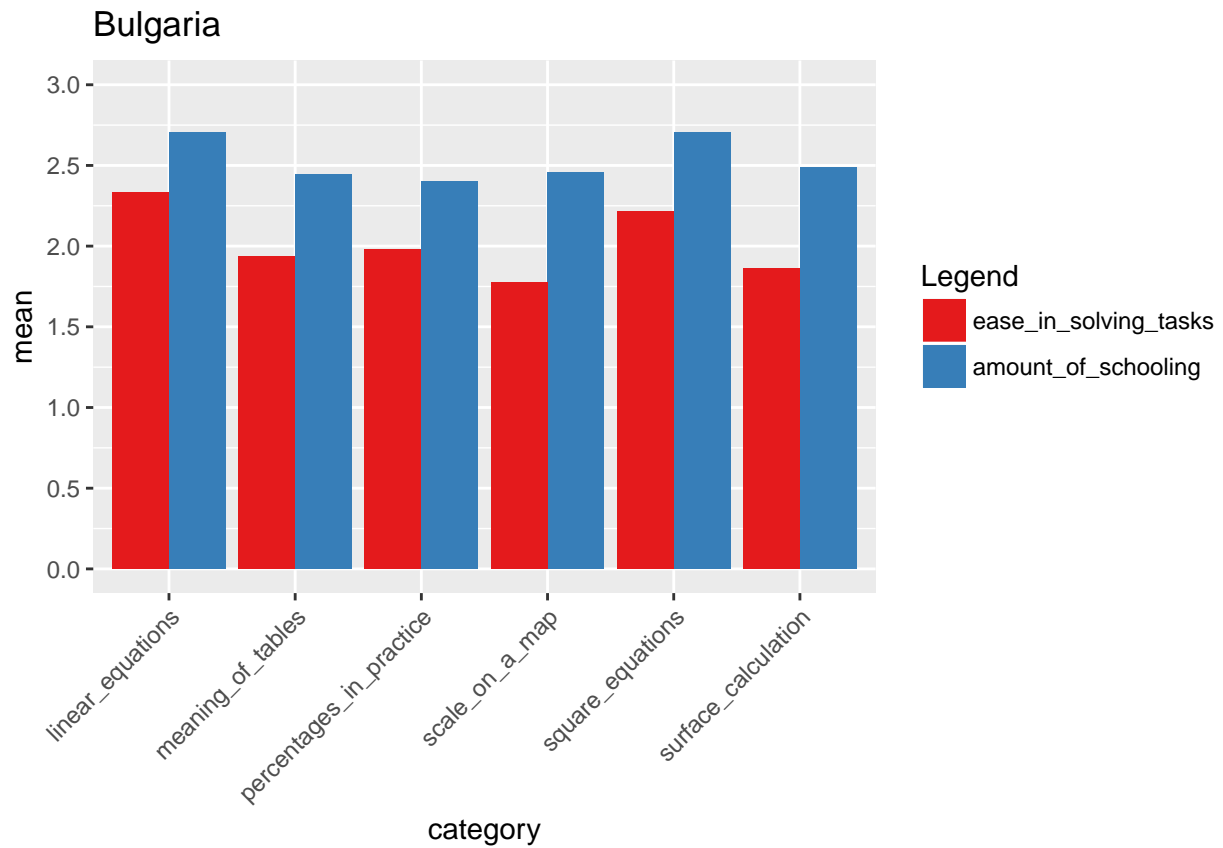
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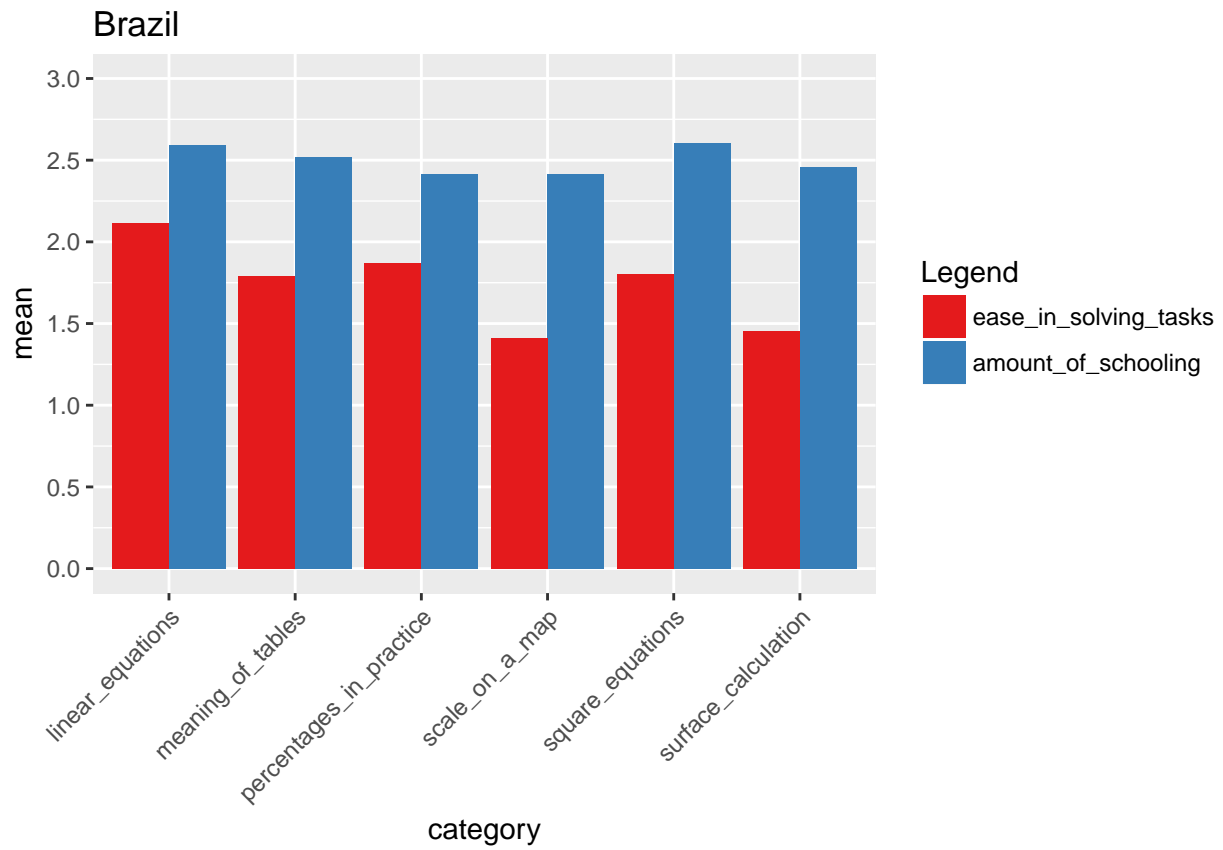
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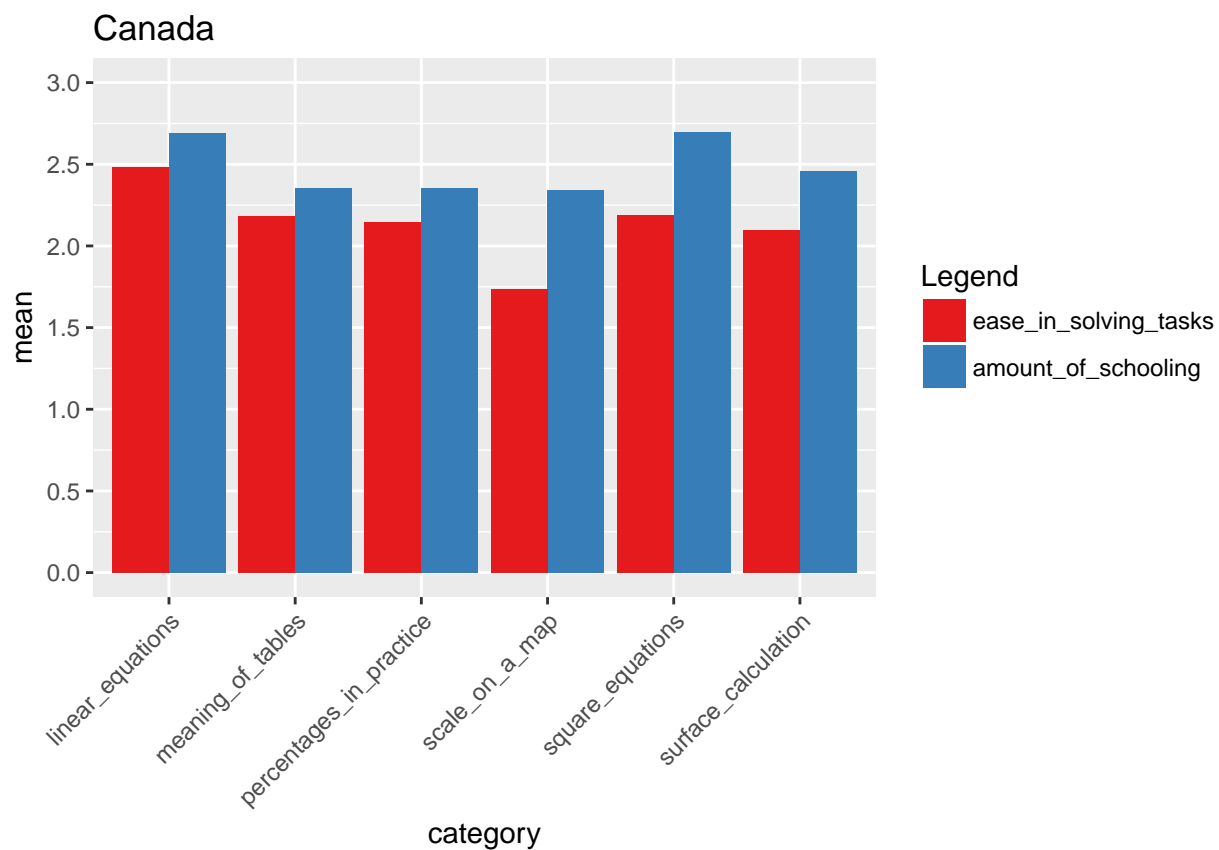
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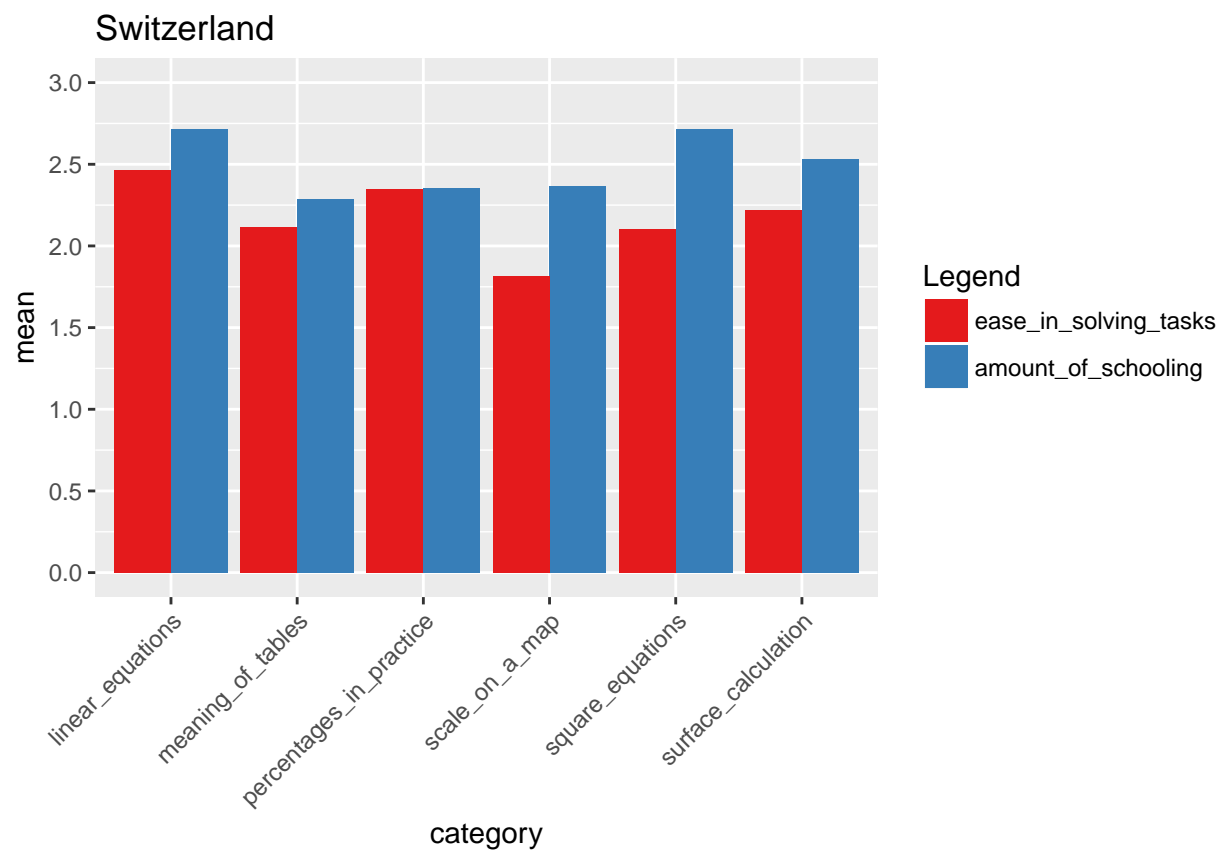
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## 10 CANADA



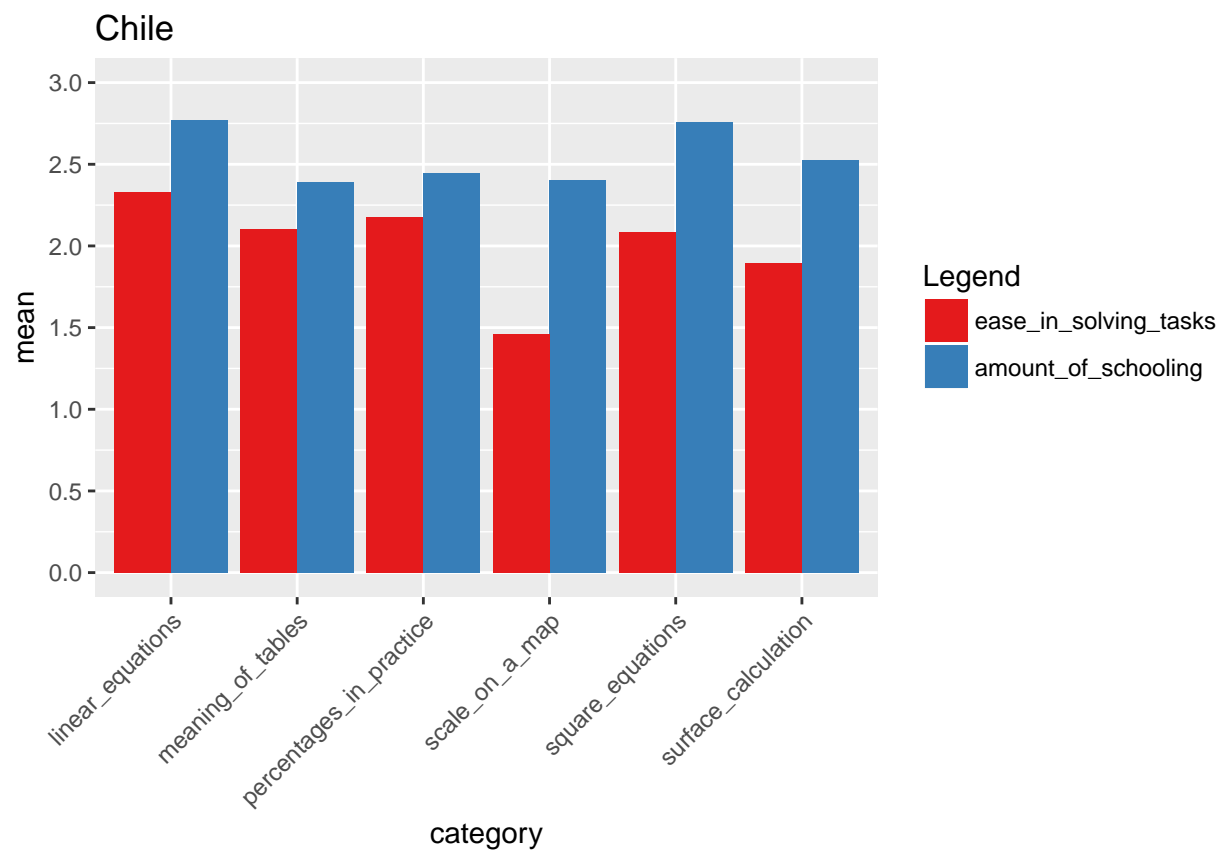
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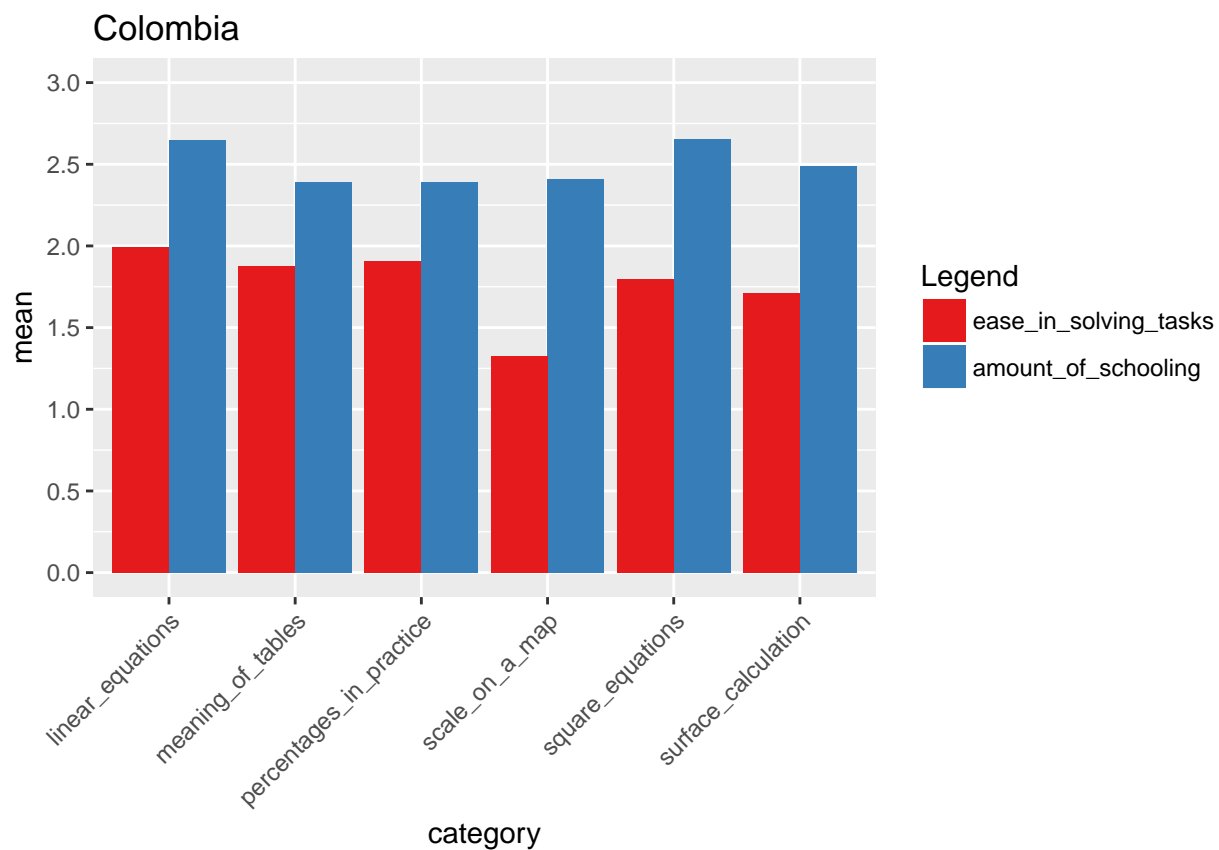
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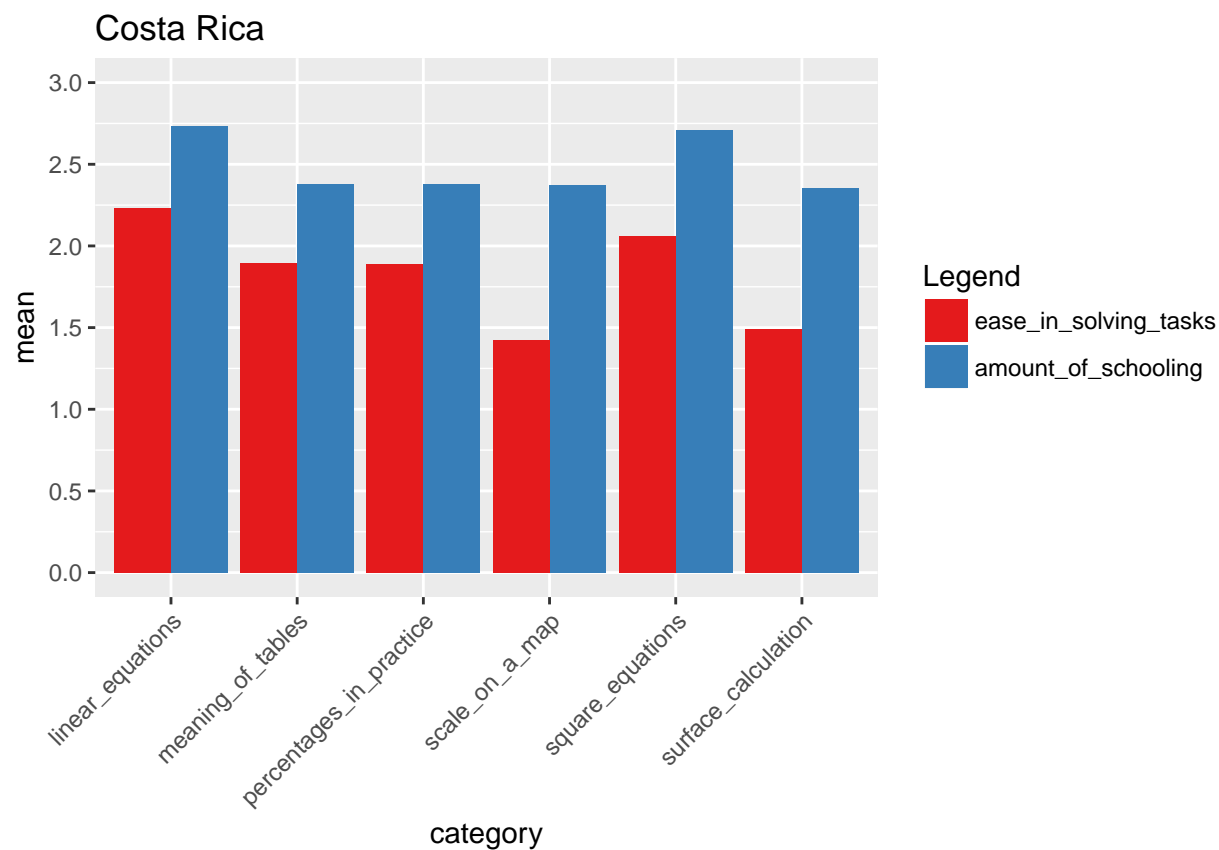
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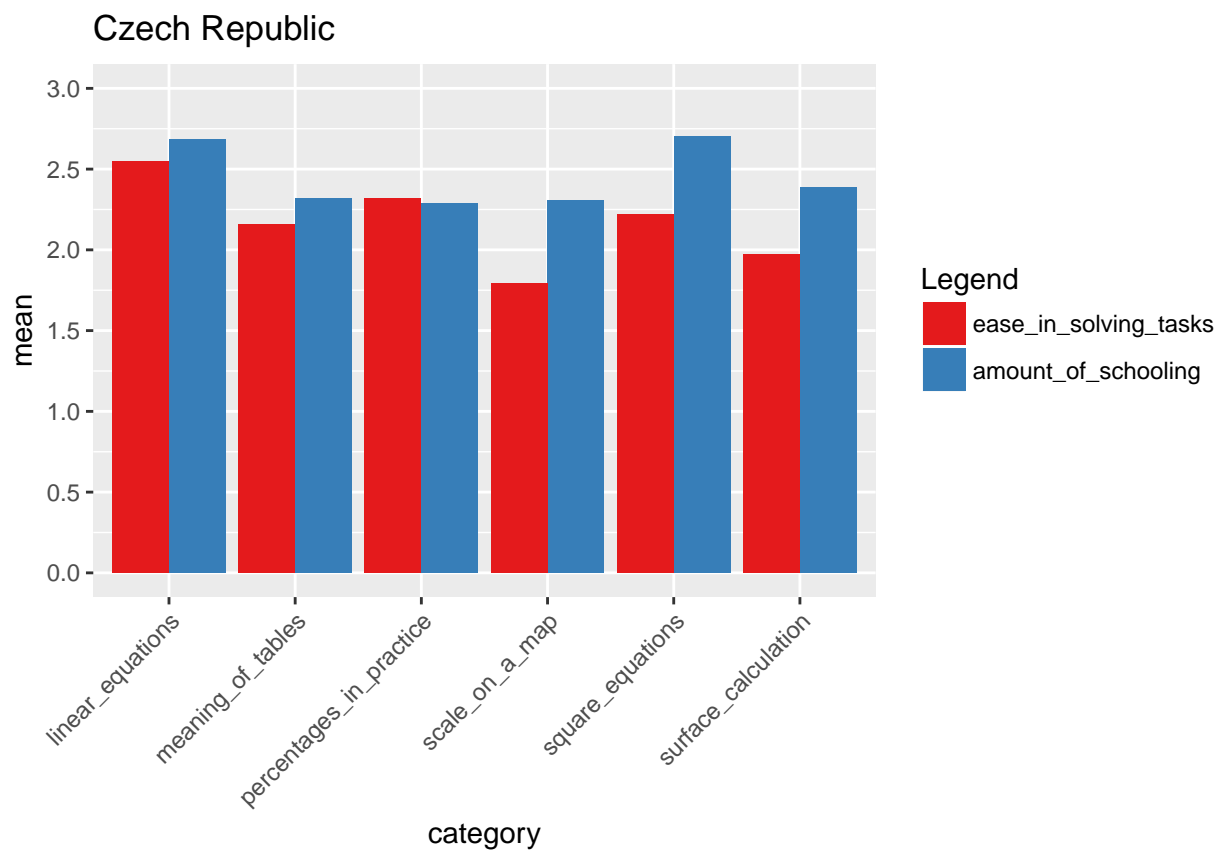


## 14 COSTA RICA



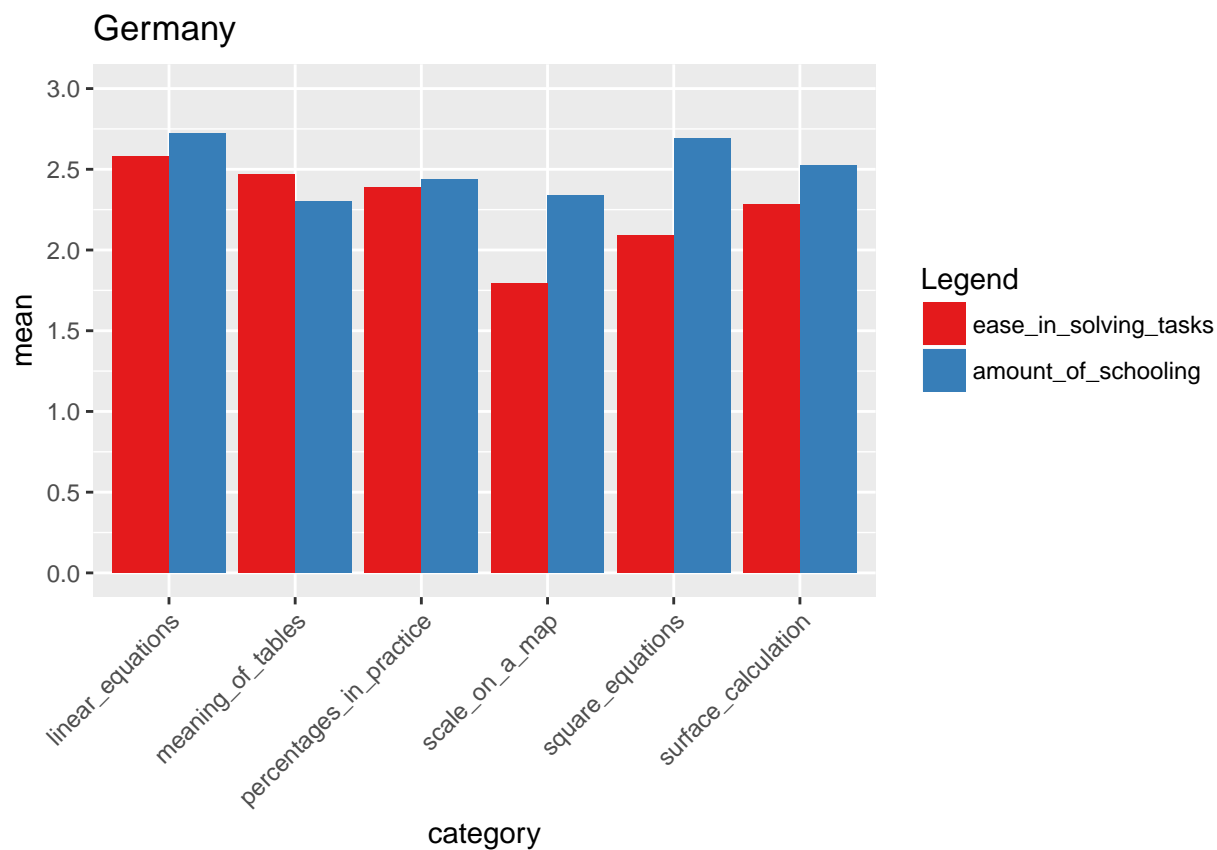
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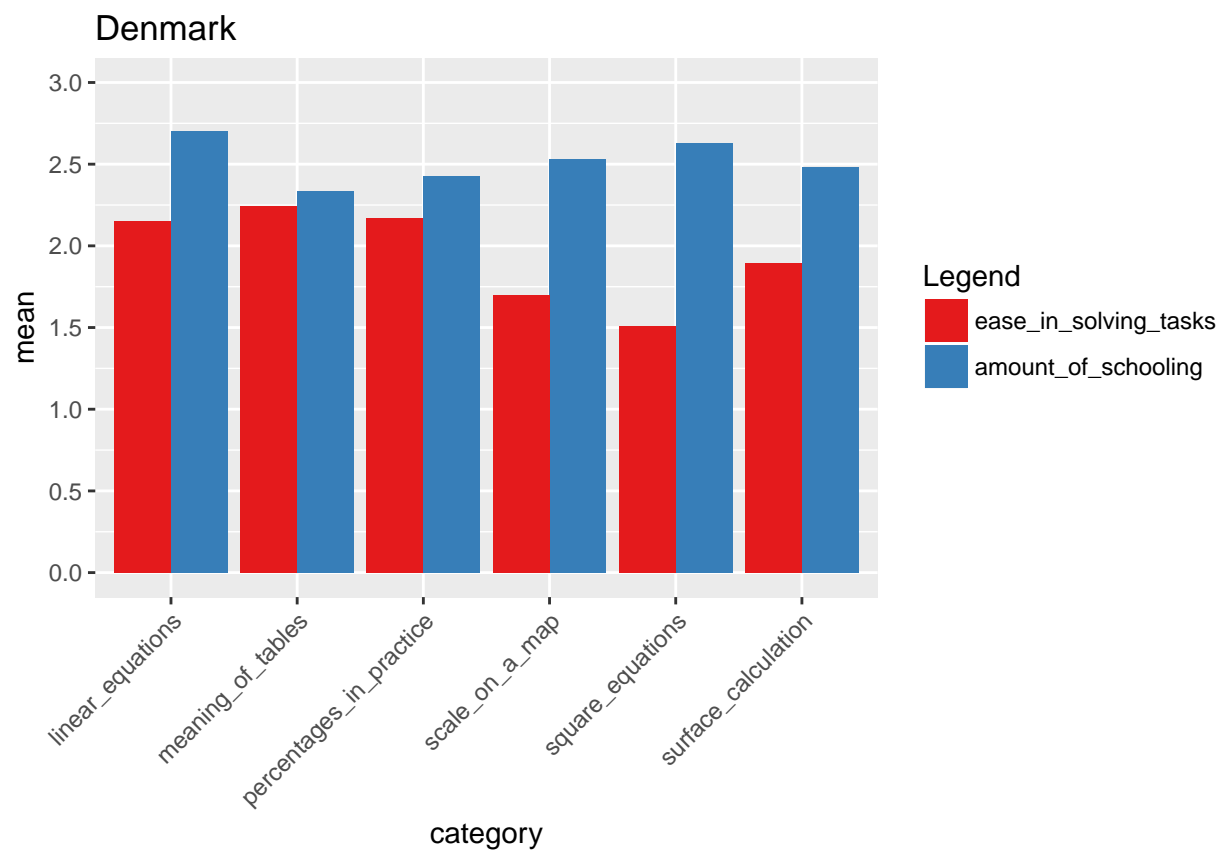
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## 16 GERMANY



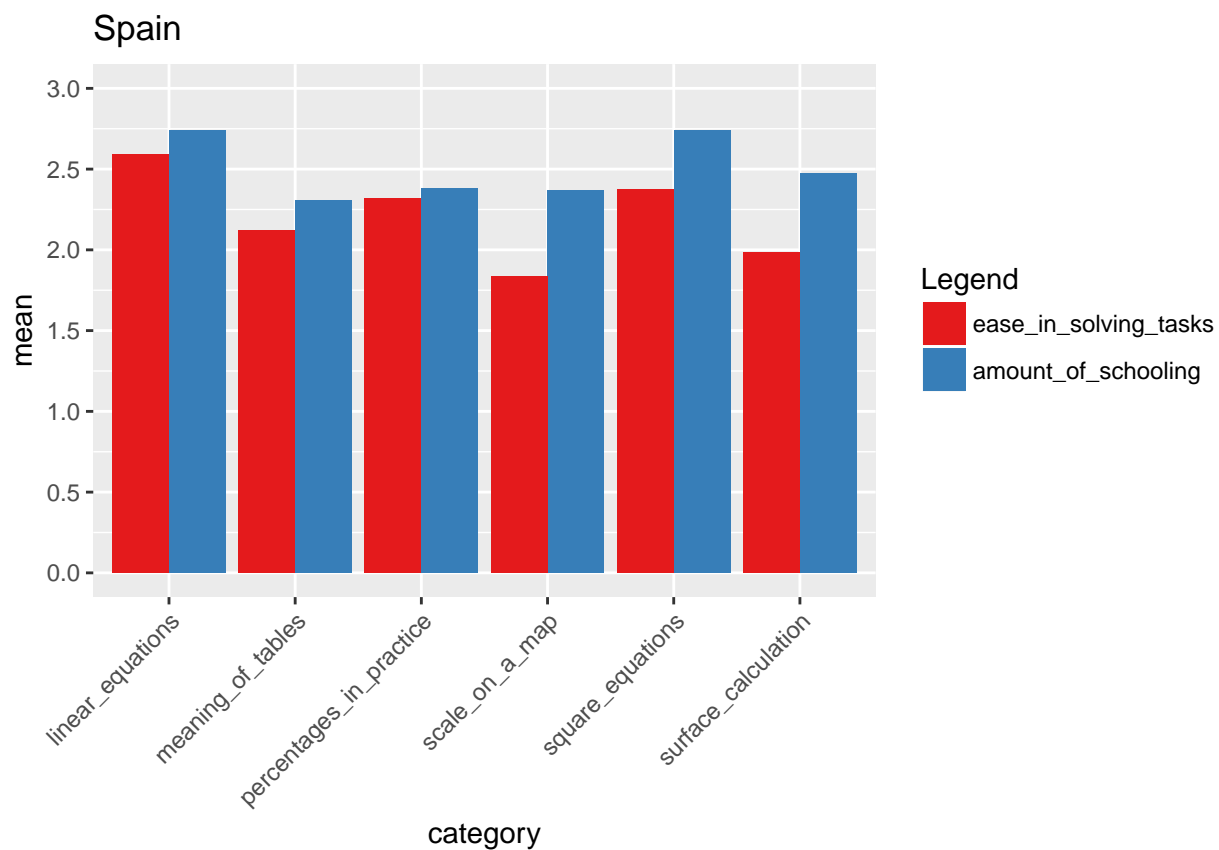
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## 17 DENMARK



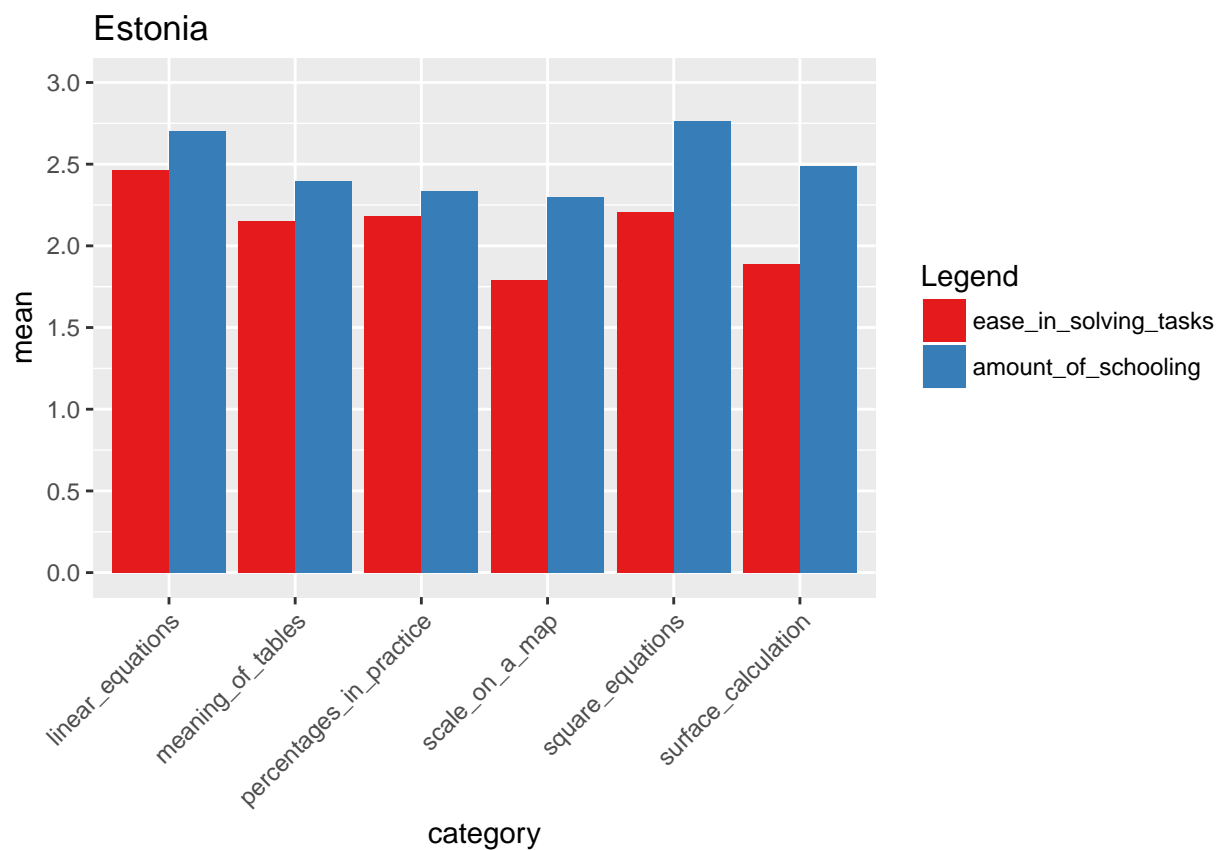
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## 18 SPAIN



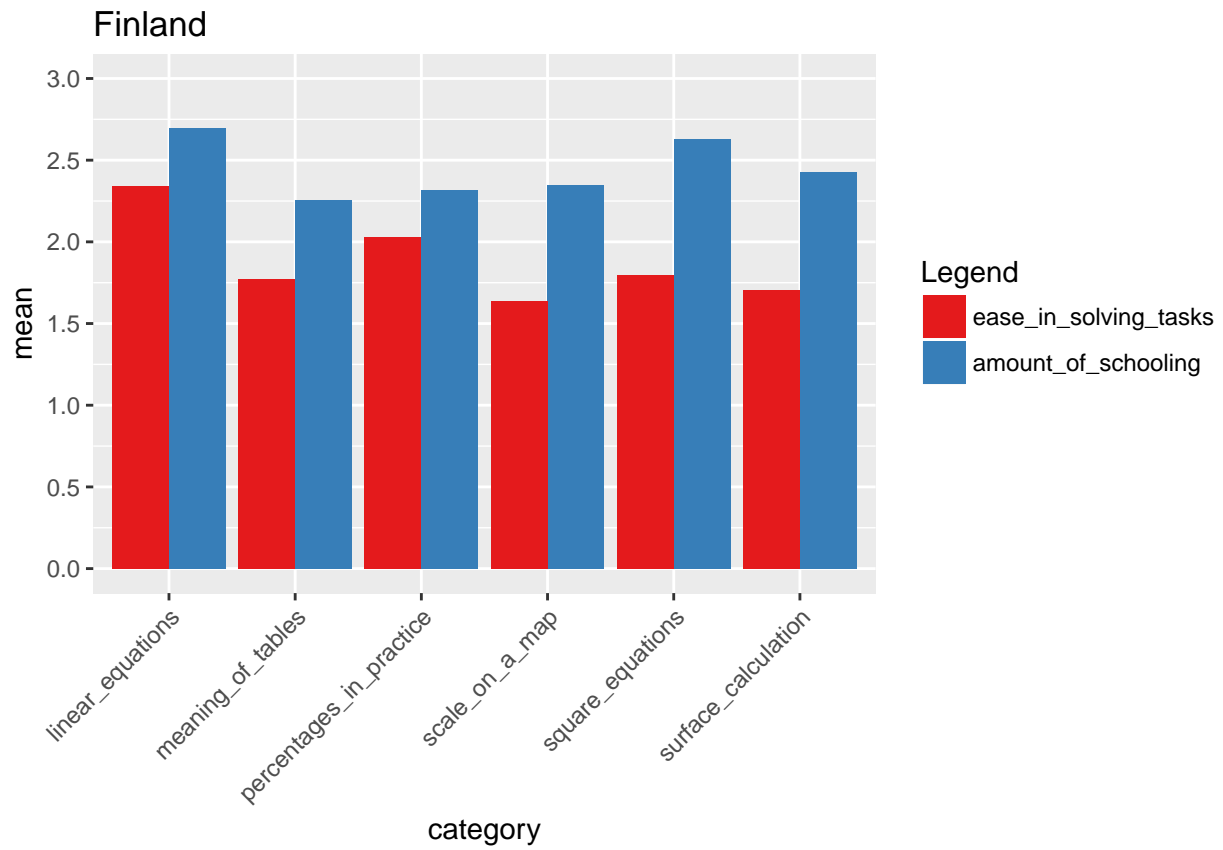
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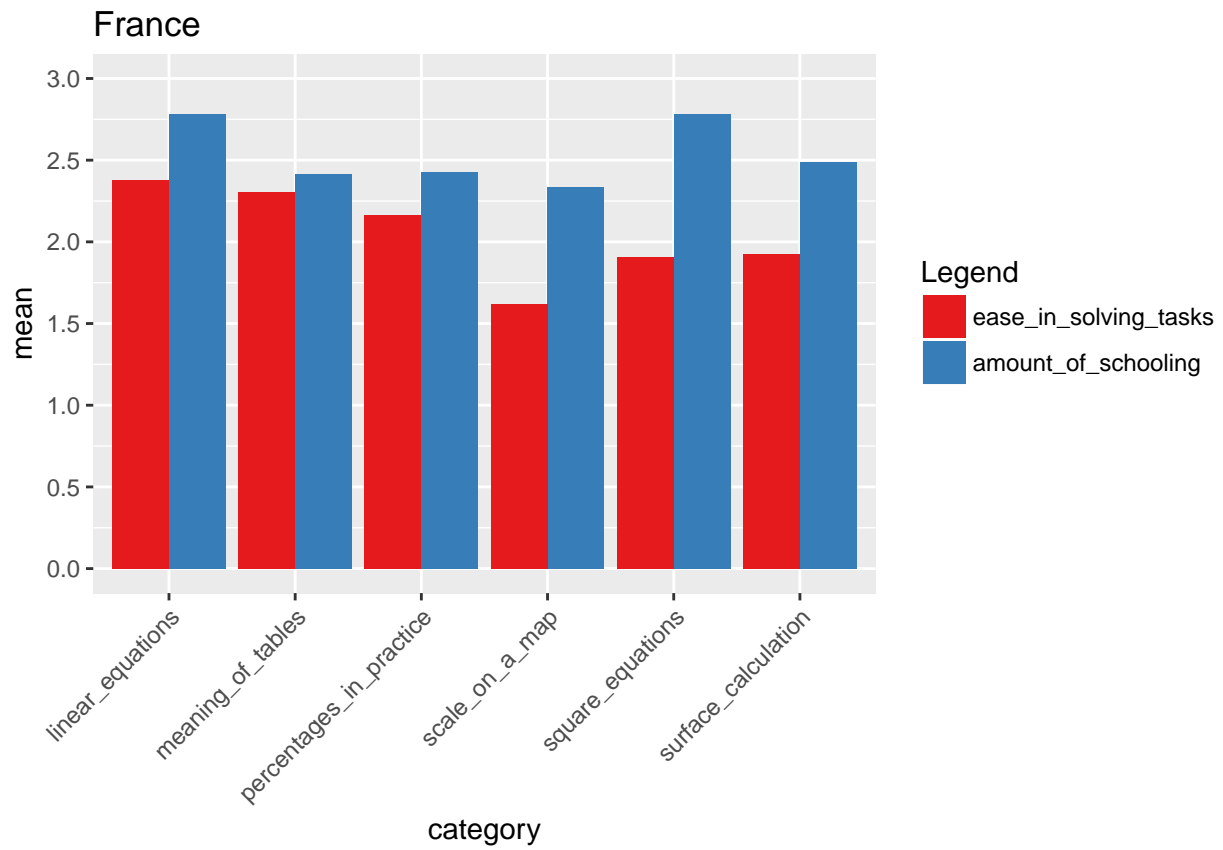
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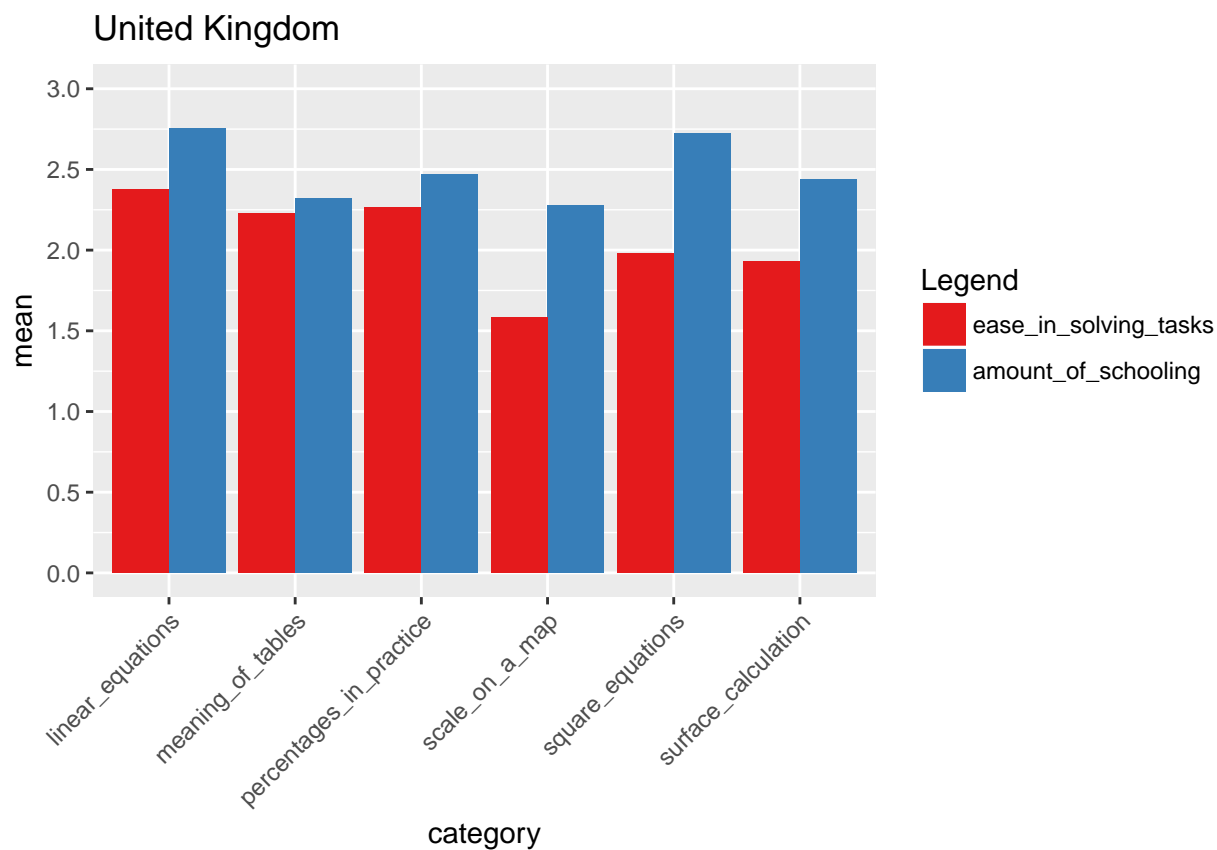
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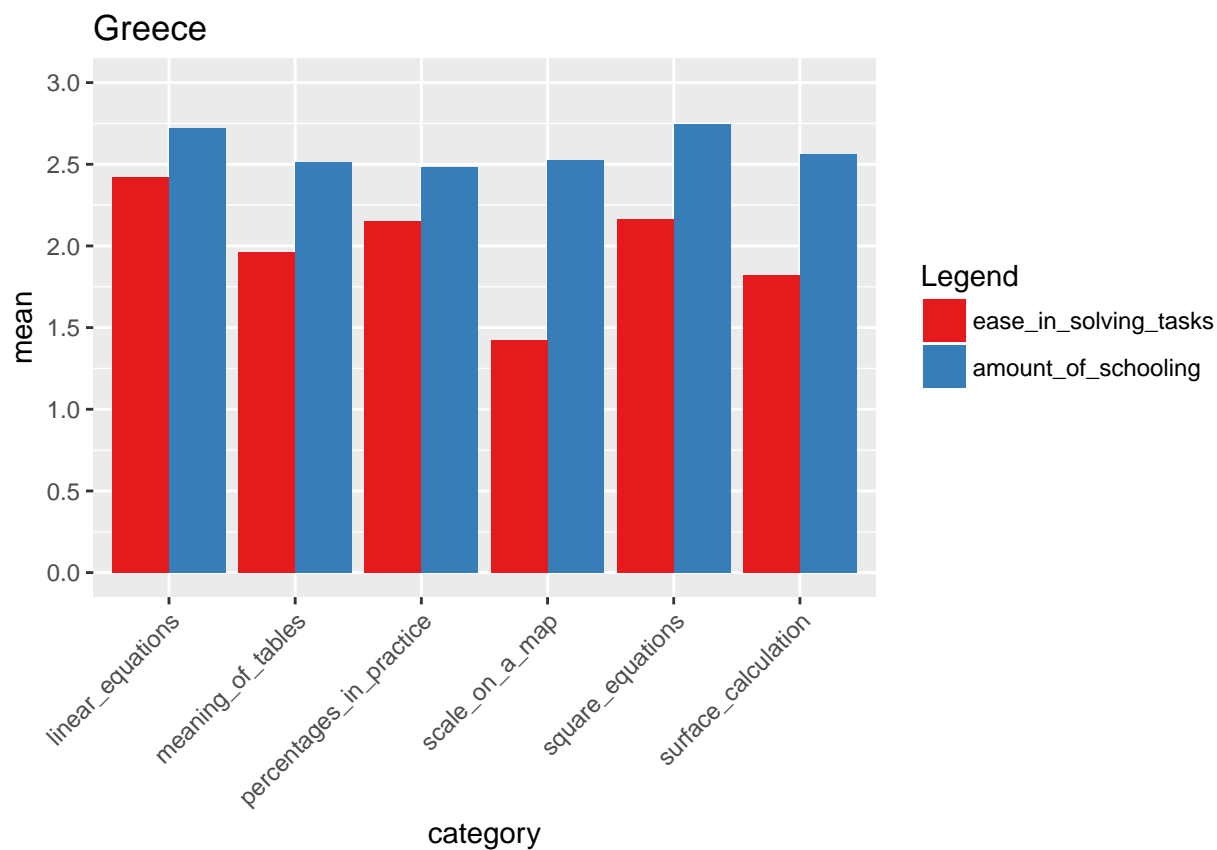


## 22 UNITED KINGDOM



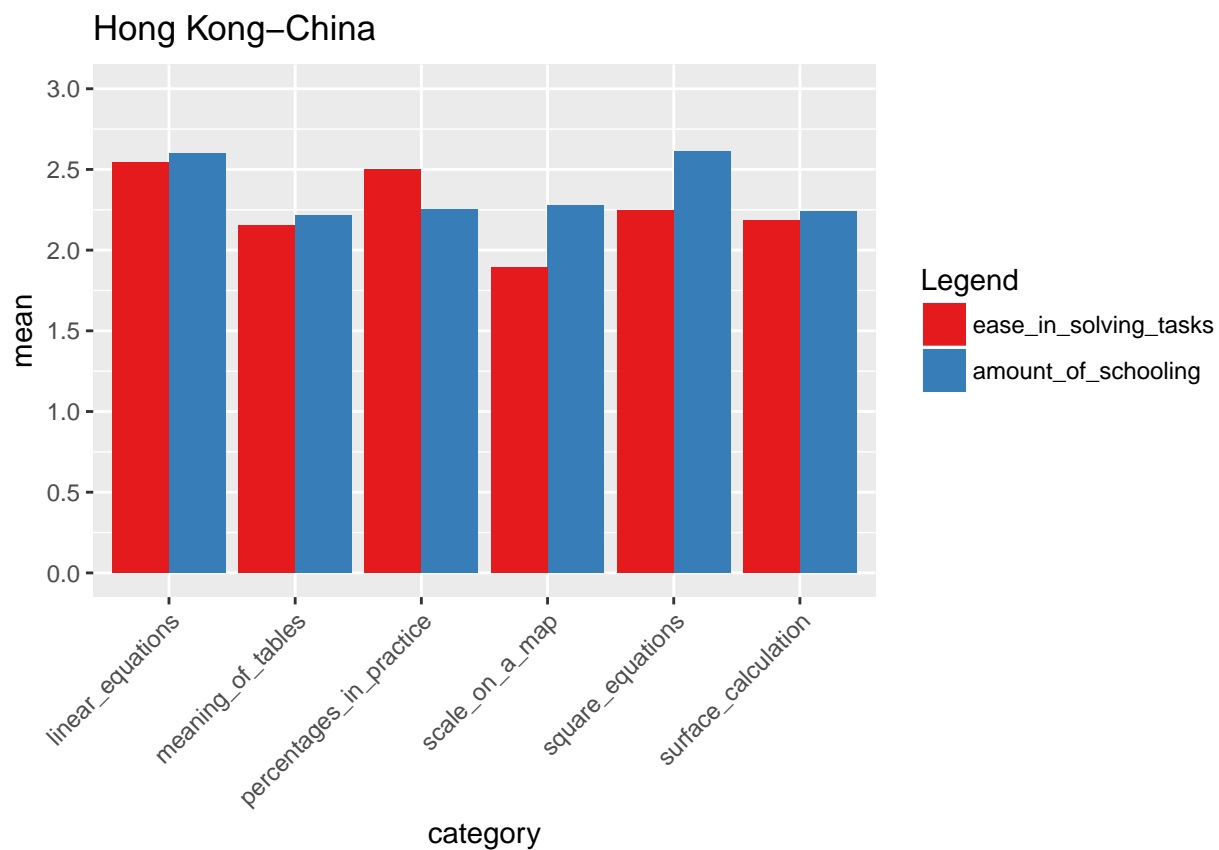
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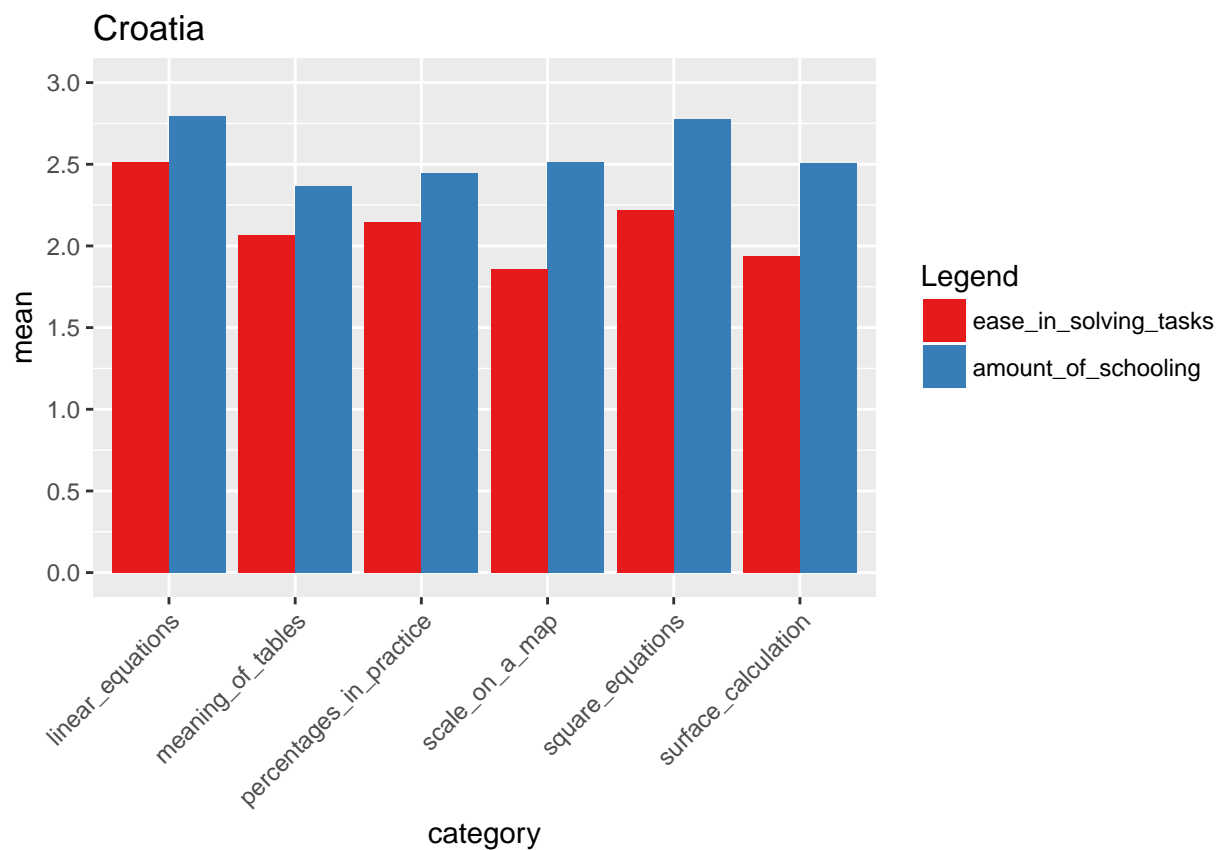
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## 24 HONG KONG-CHINA



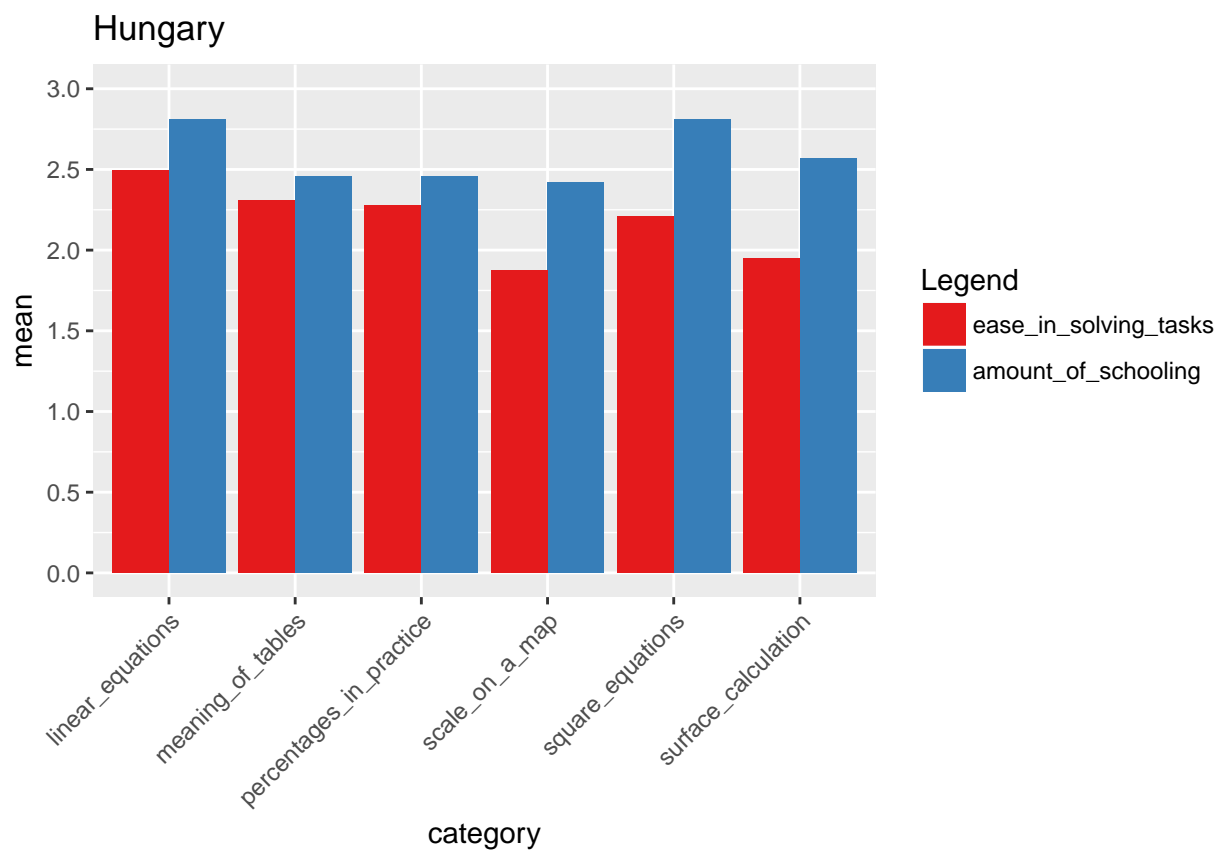
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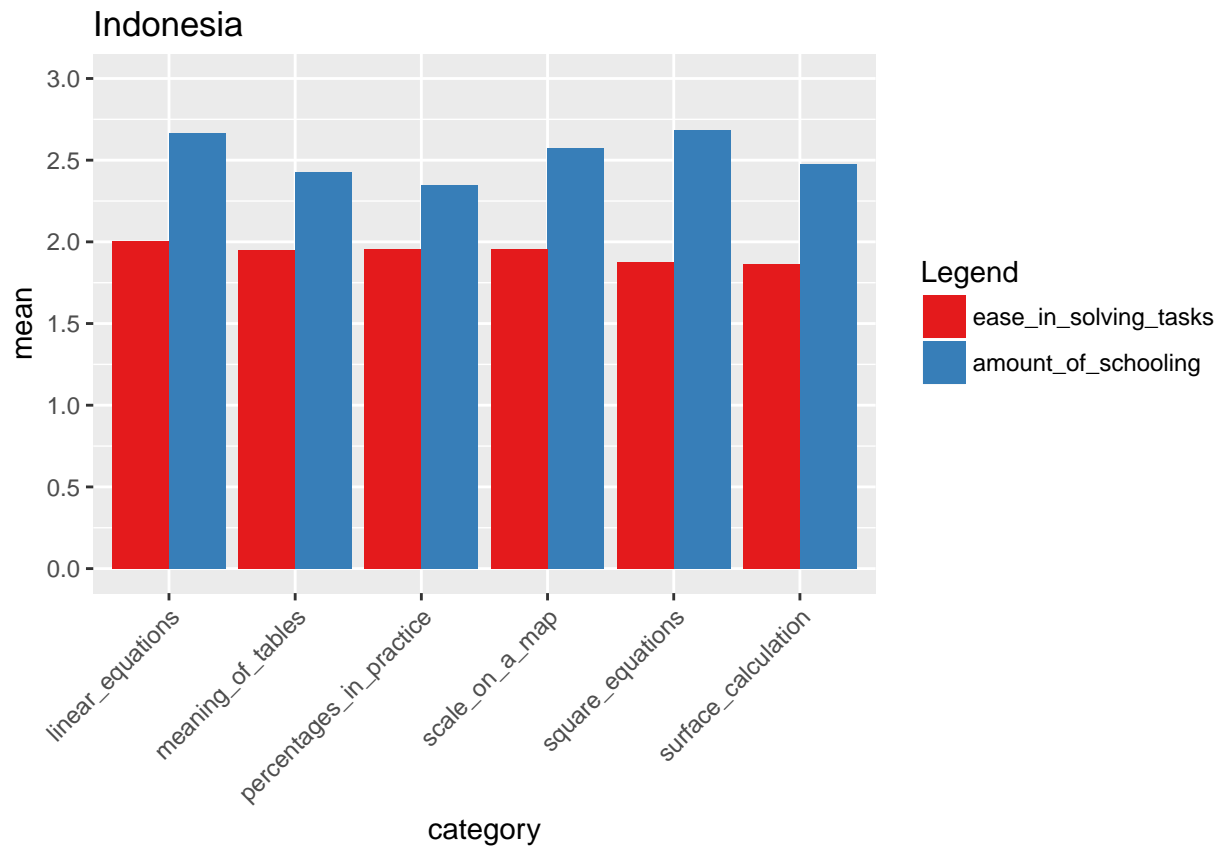
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## 26 HUNGARY



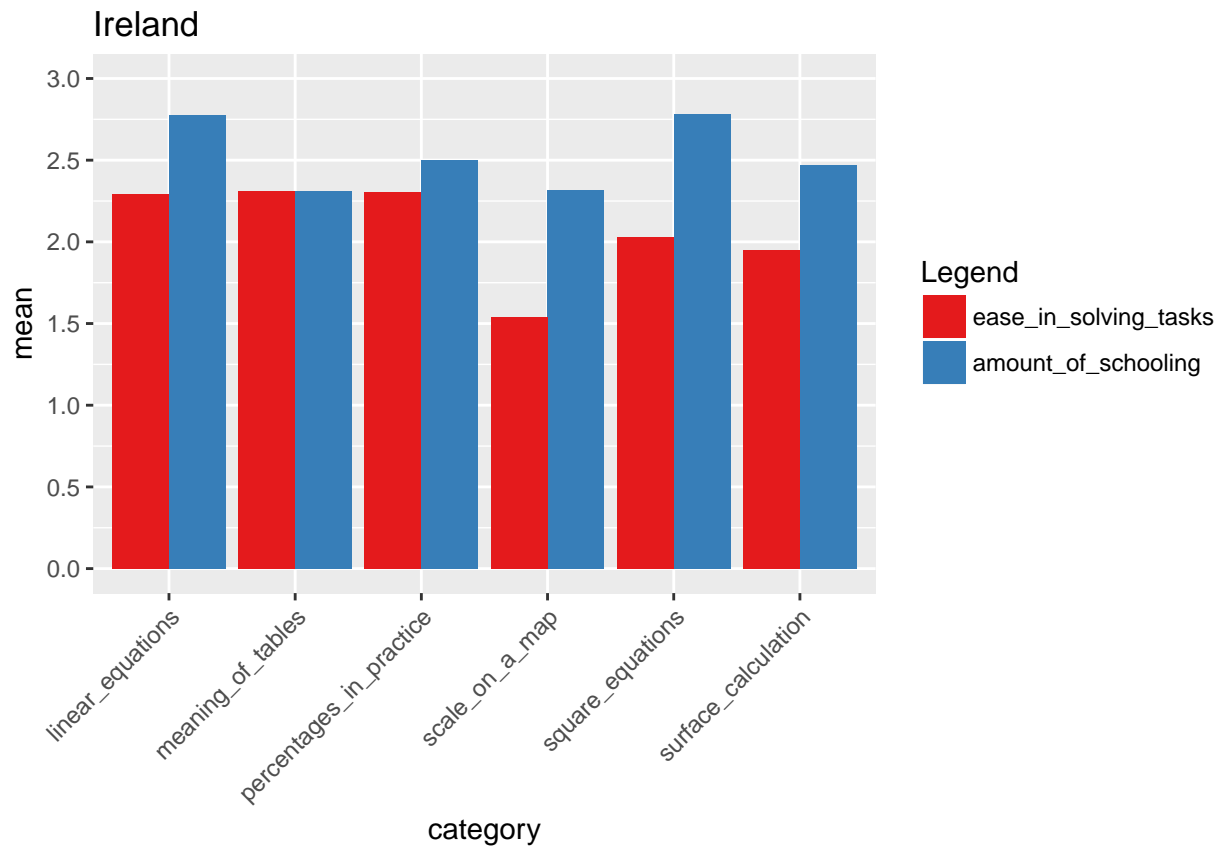
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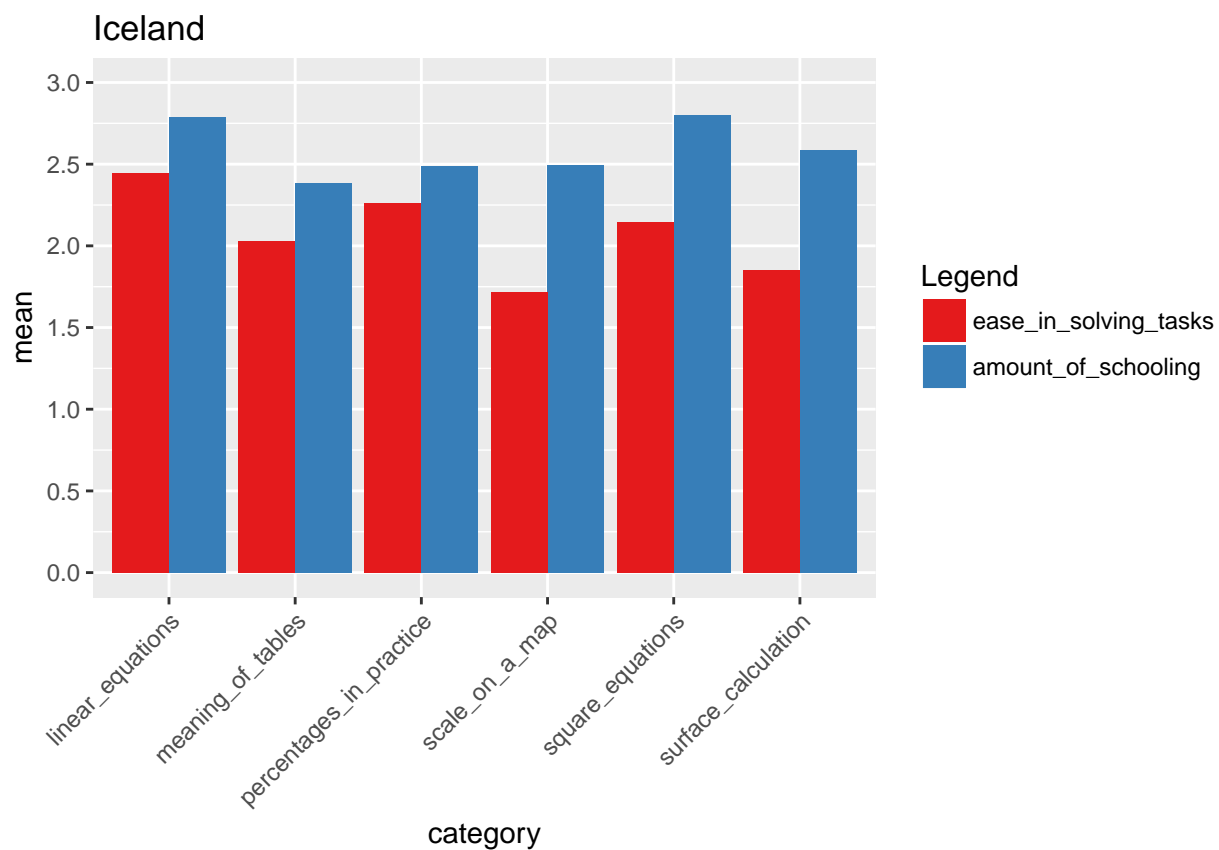
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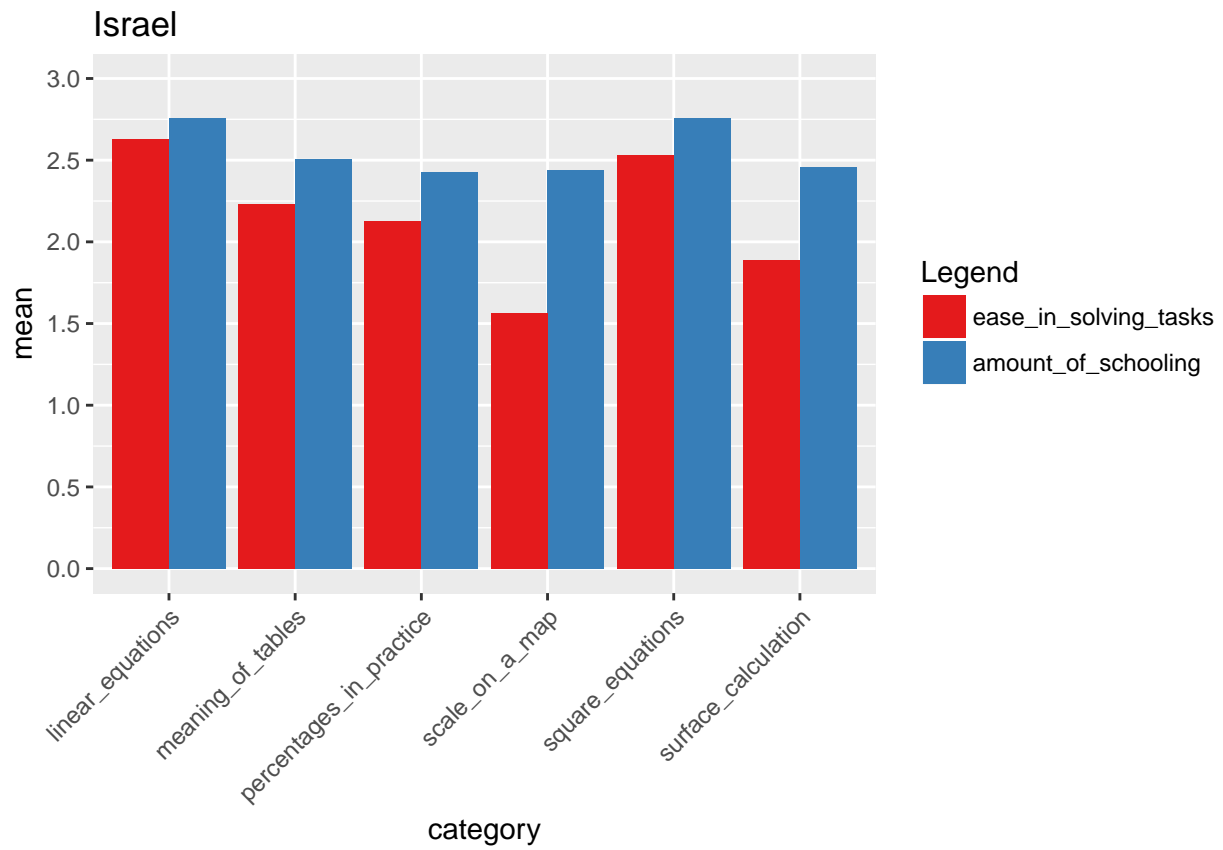
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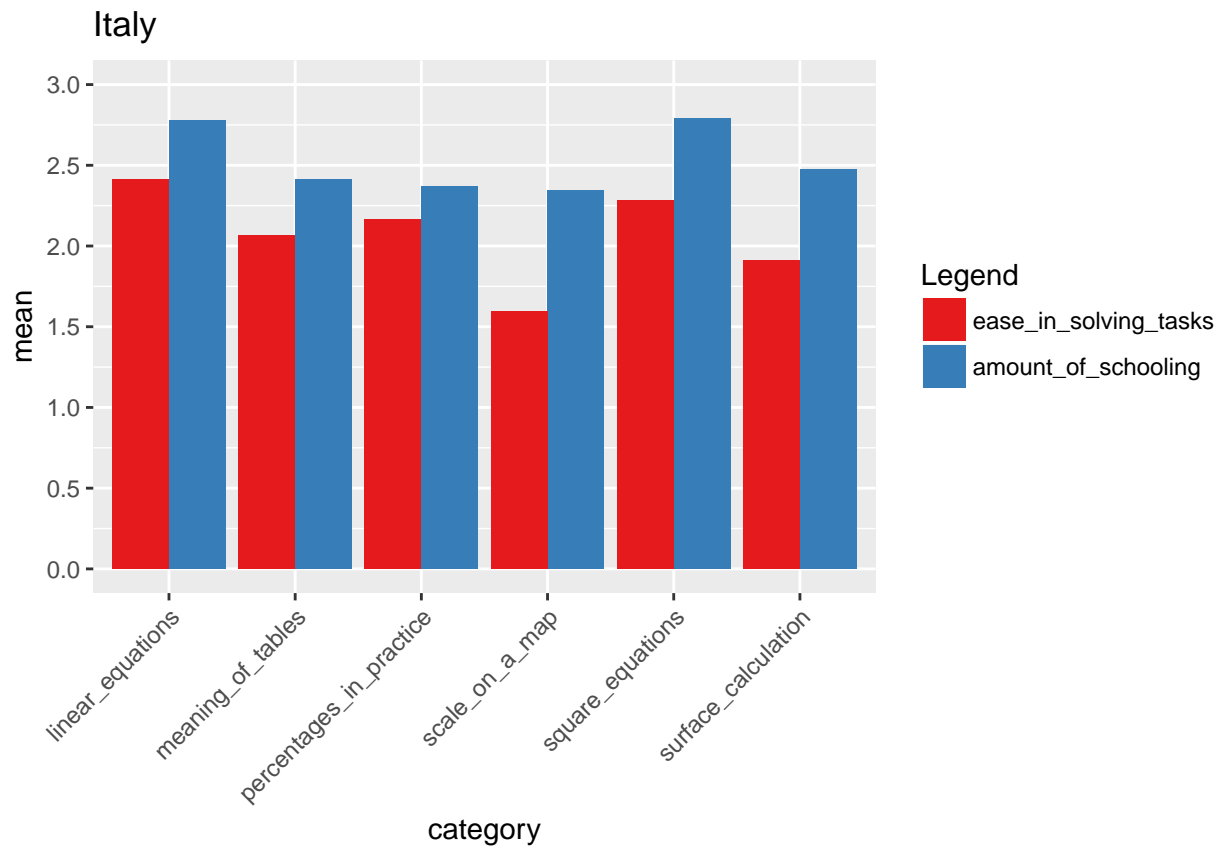


## 30 ISRAEL



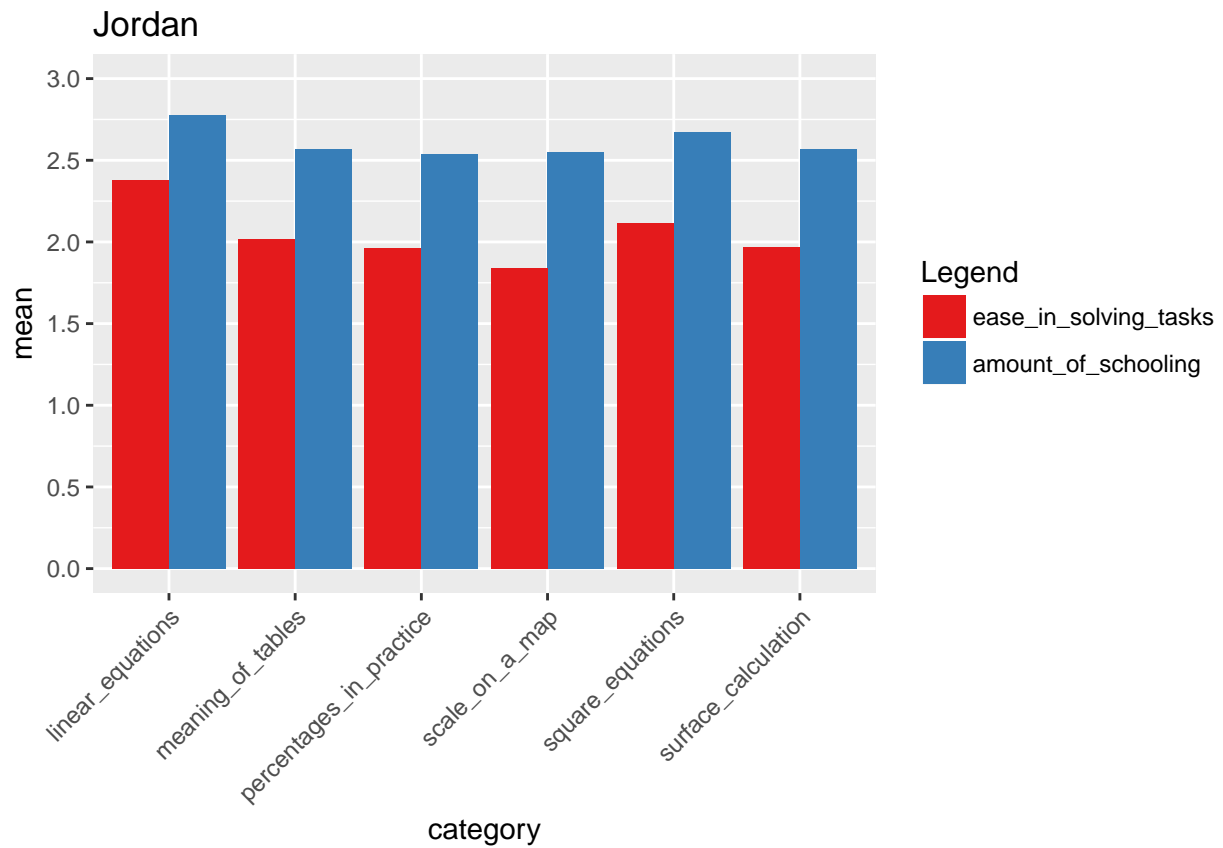
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## 31 ITALY



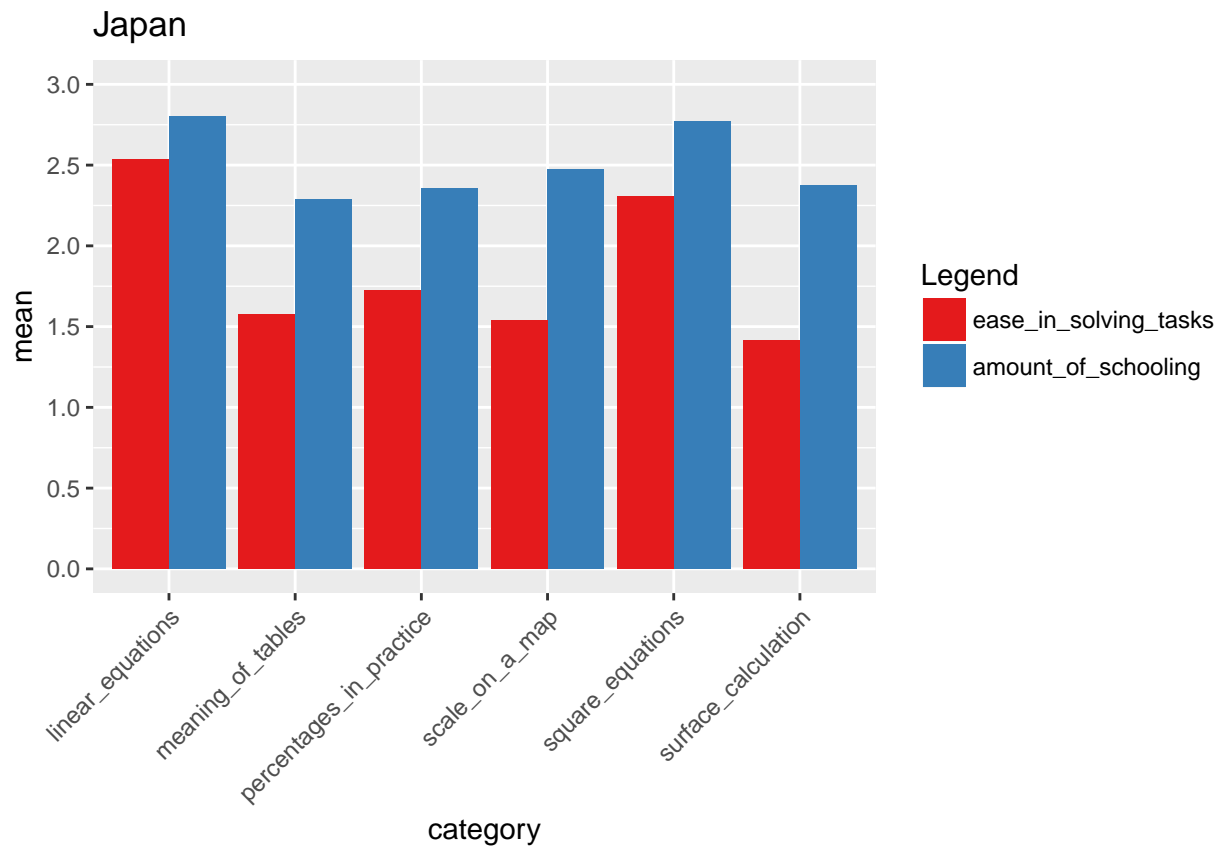
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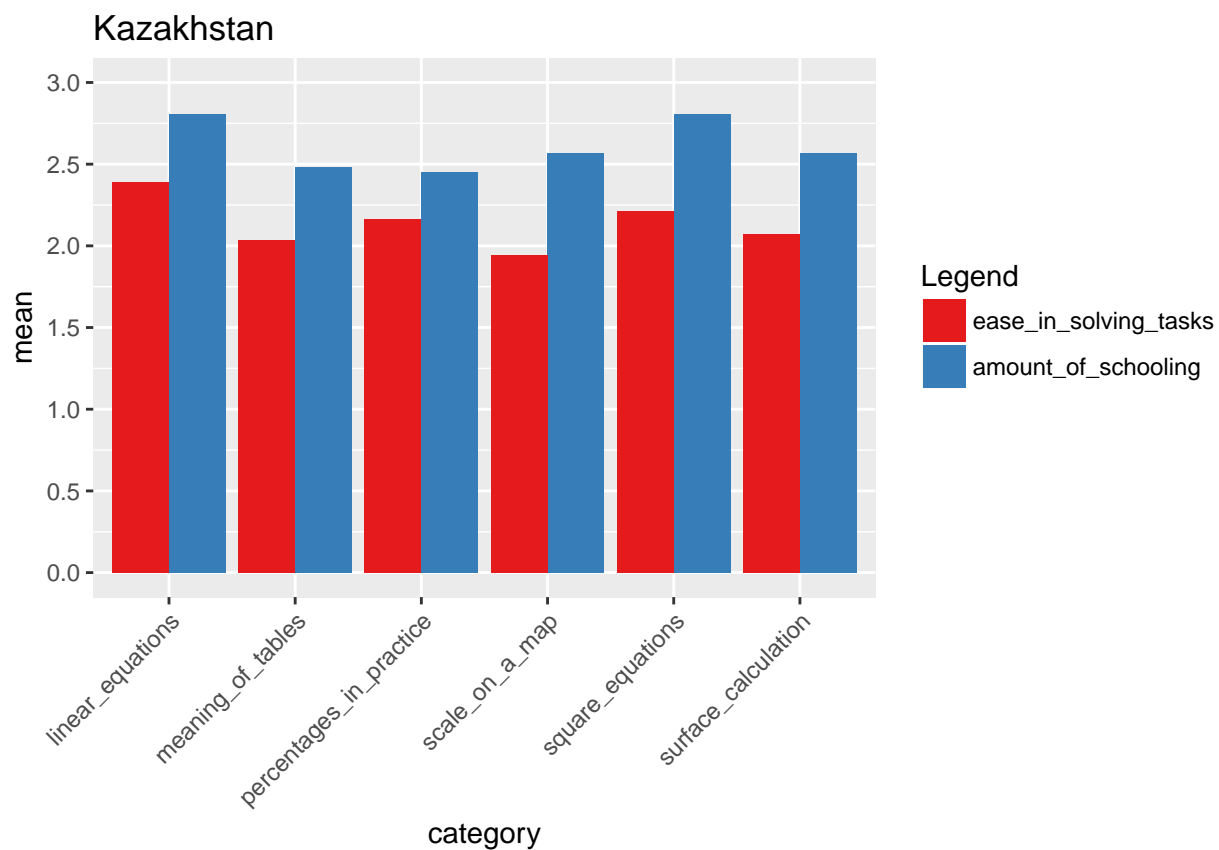
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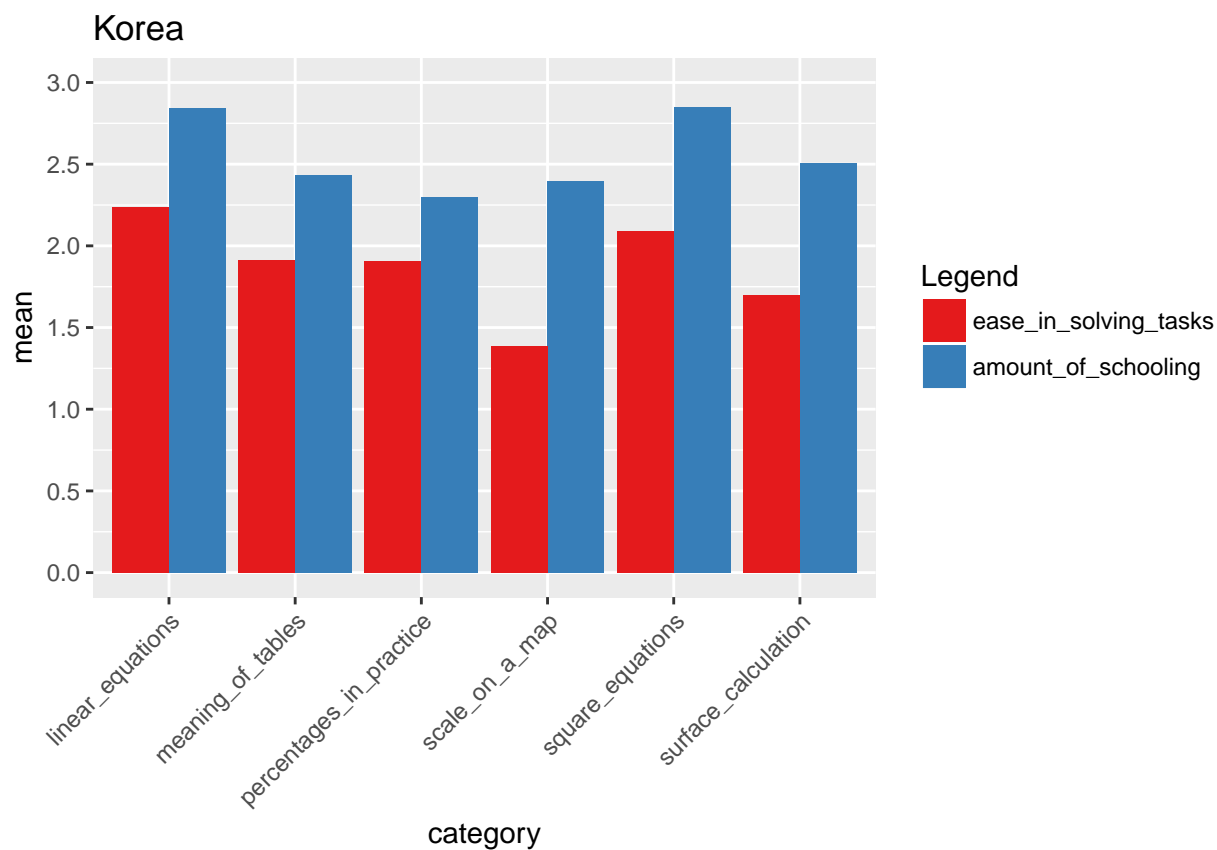
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## 34 KAZAKHSTAN



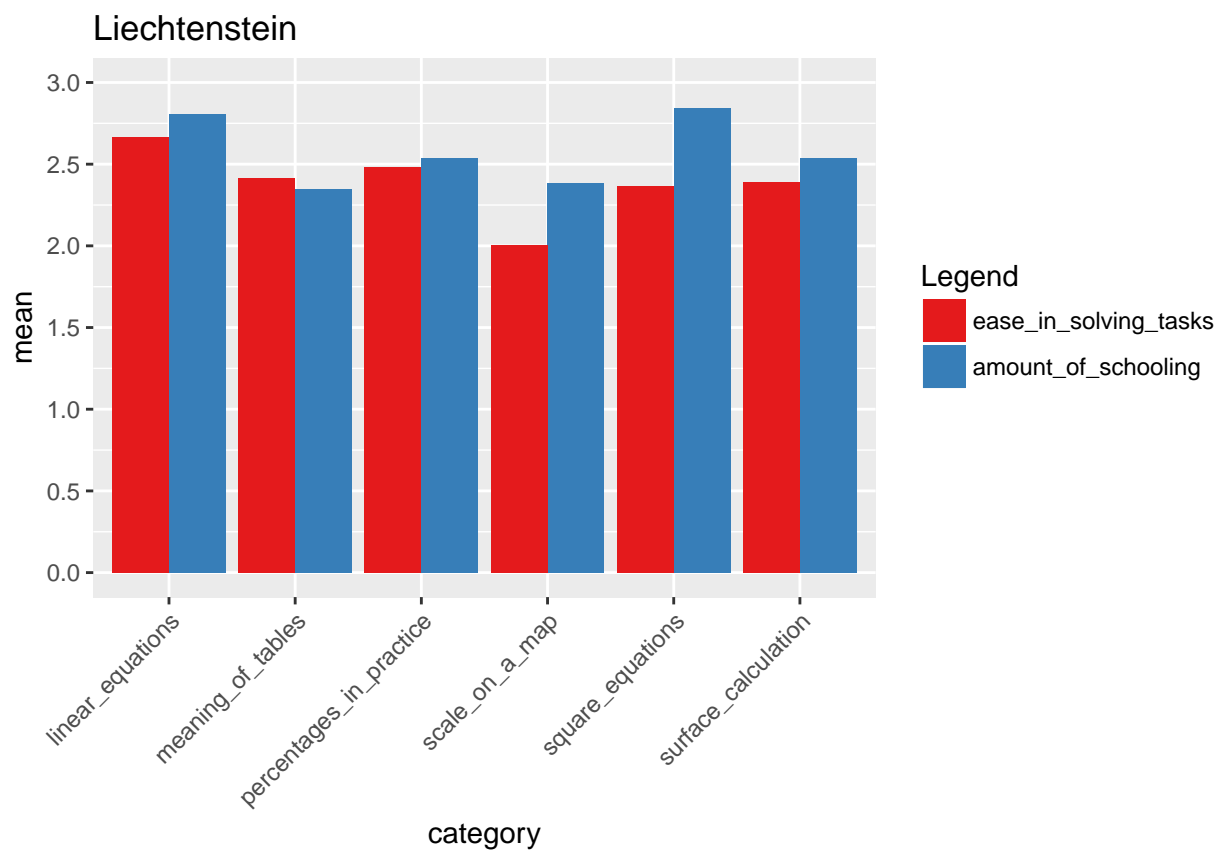
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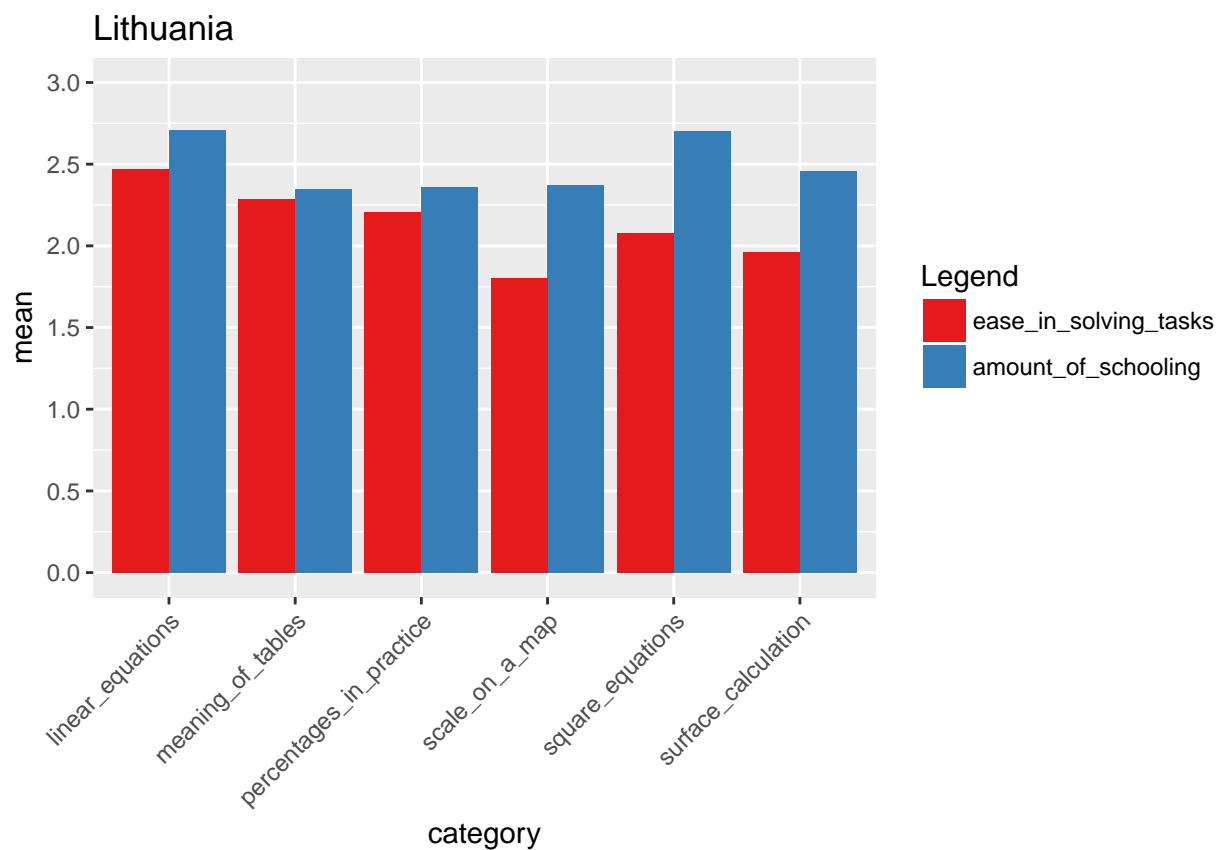
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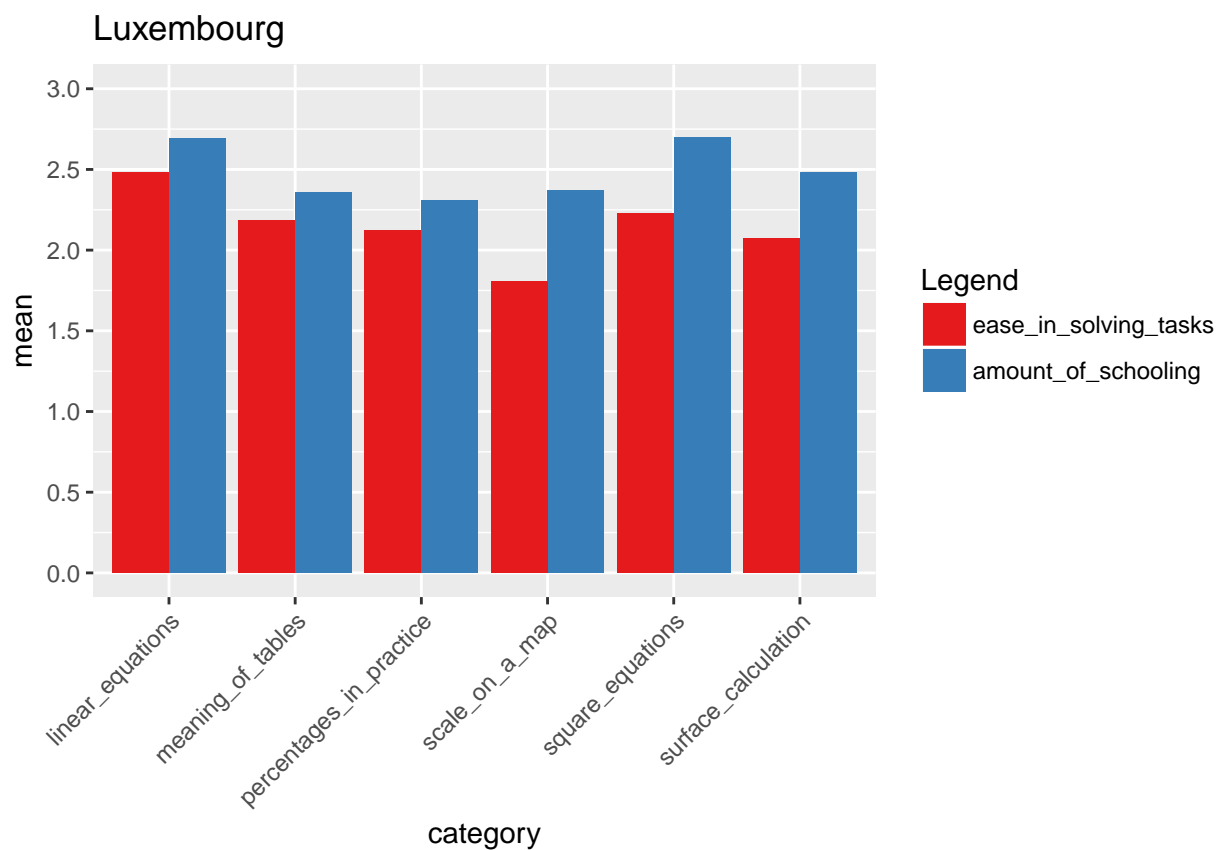
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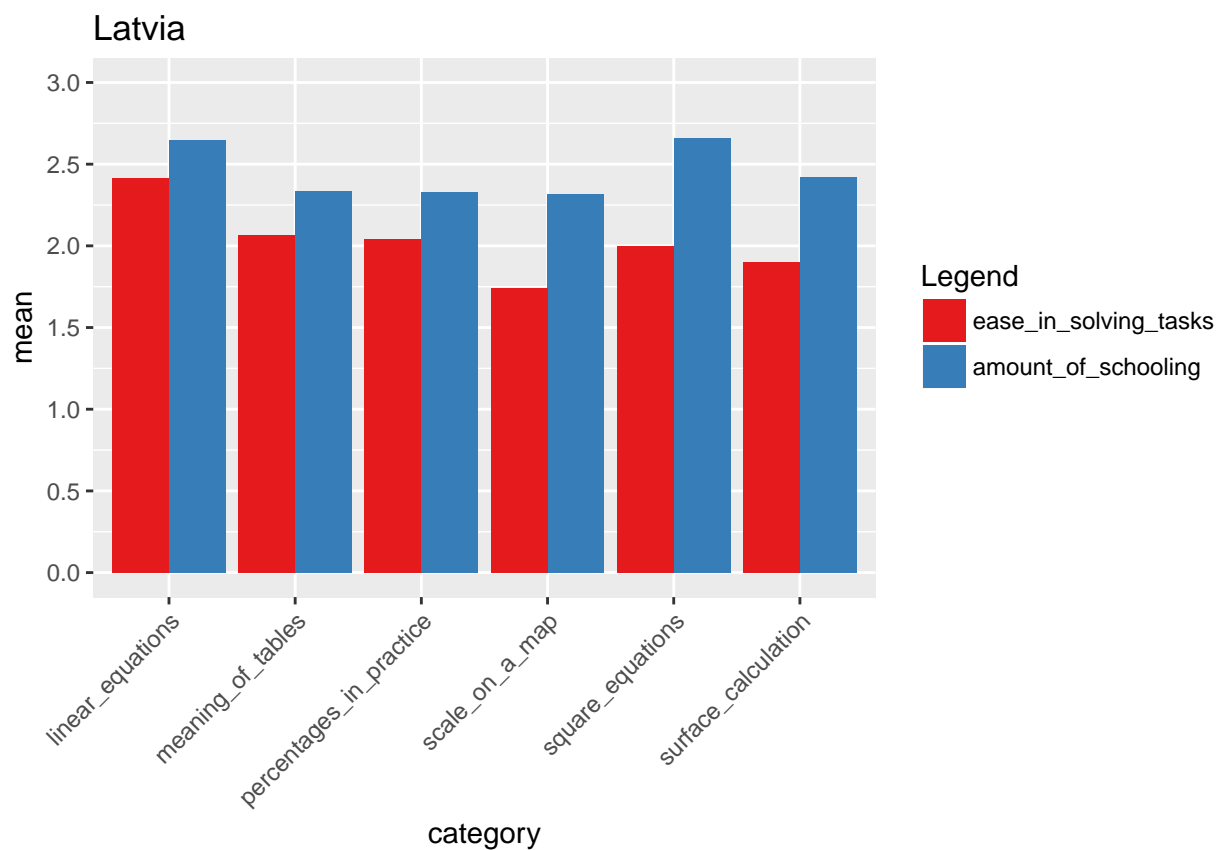


## 38 LUXEMBOURG



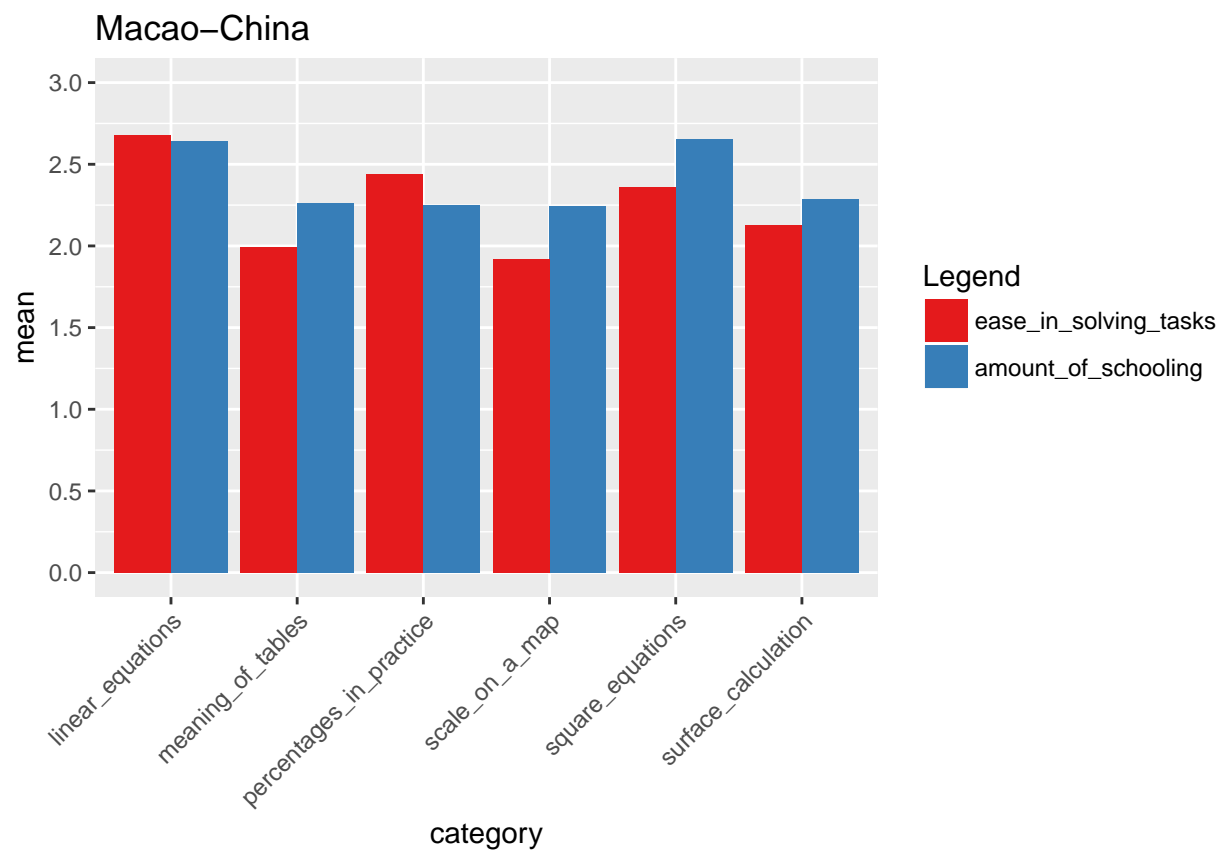
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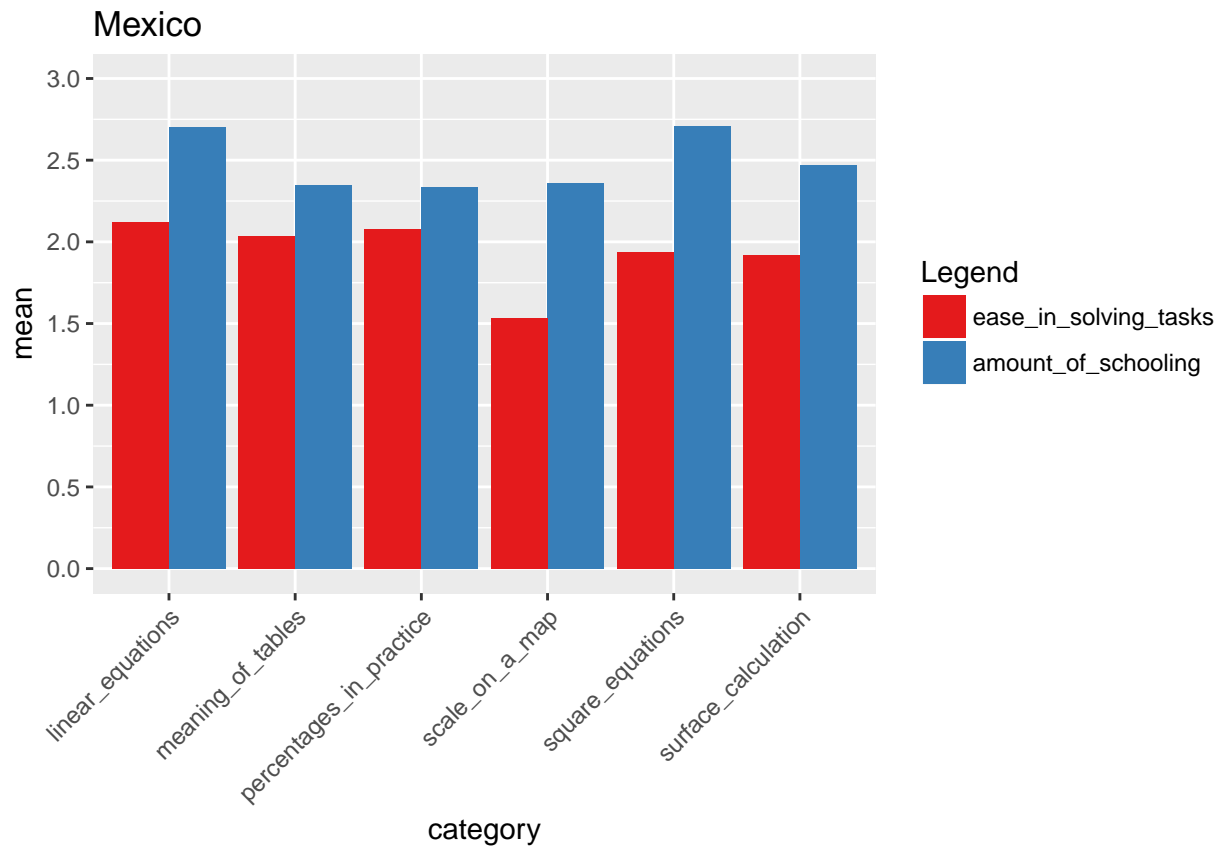
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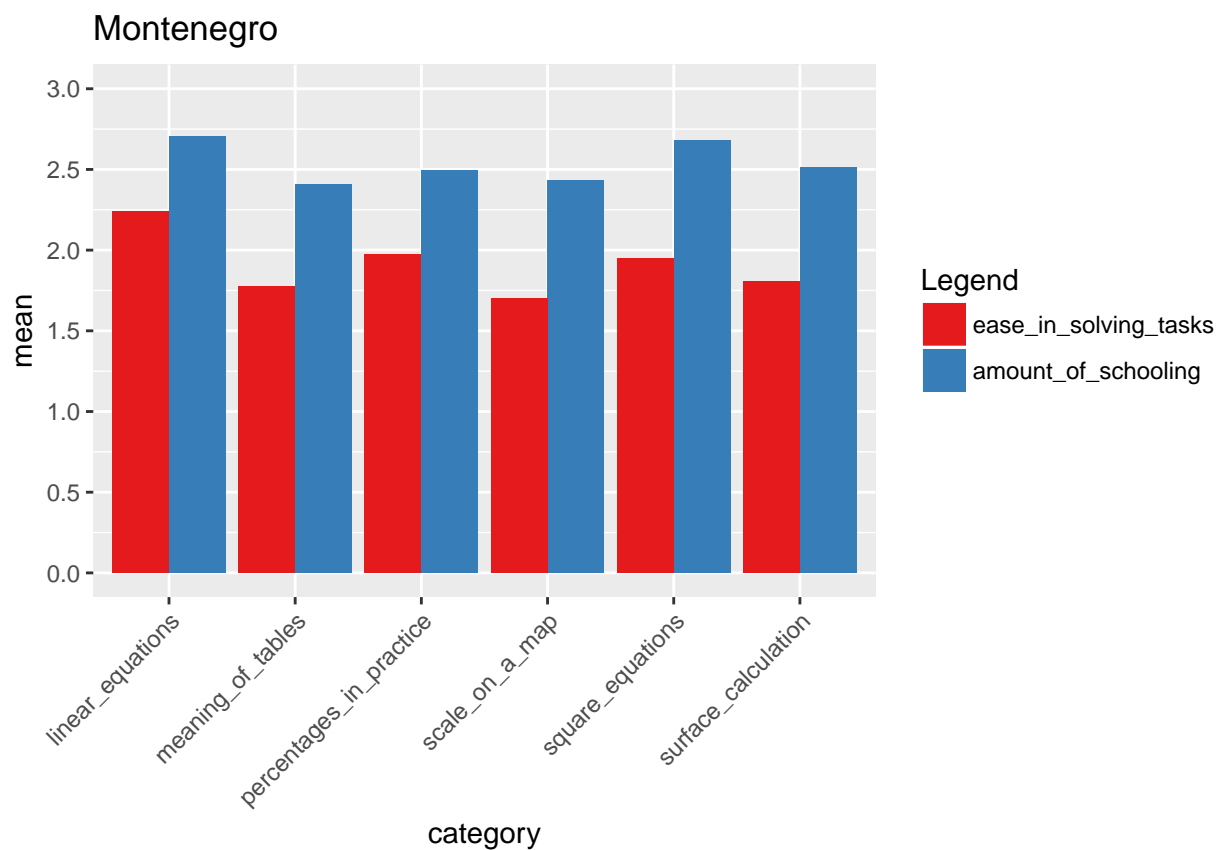
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## 41 MEXICO



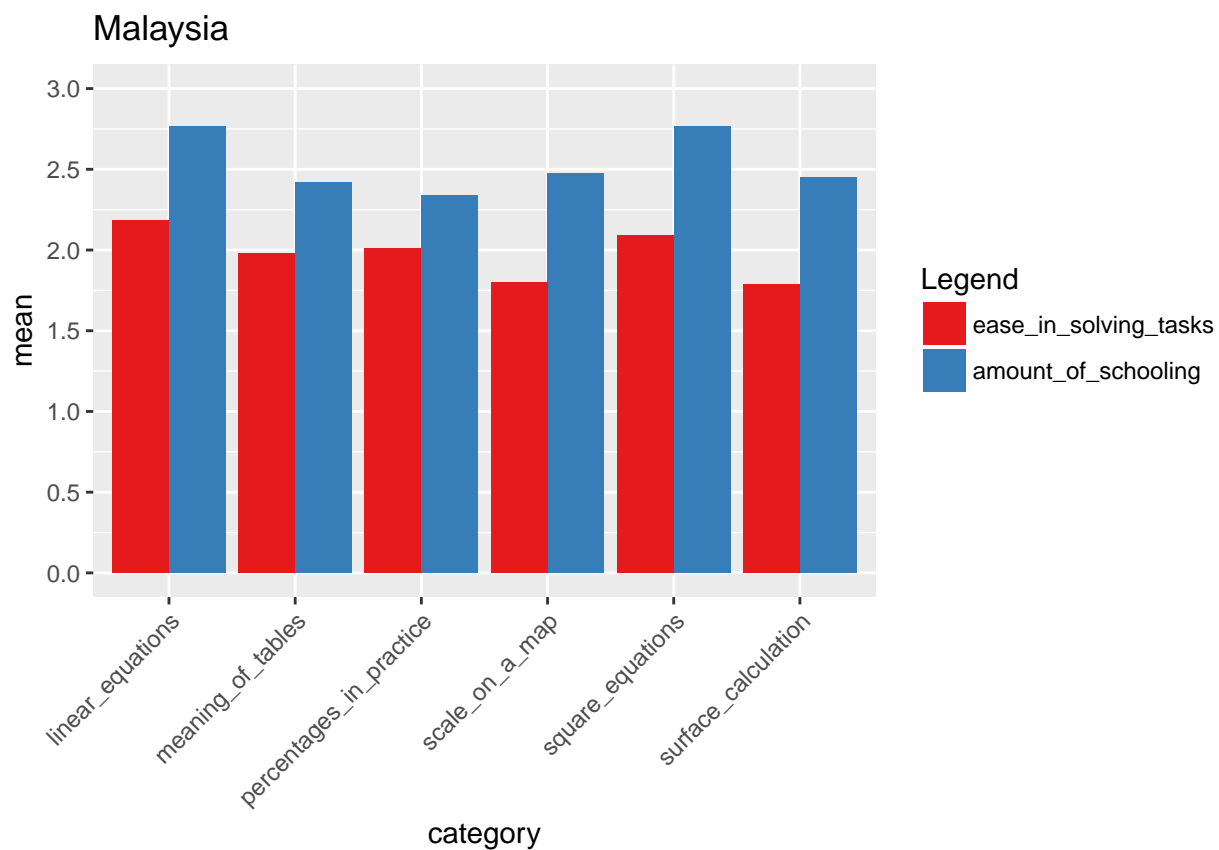
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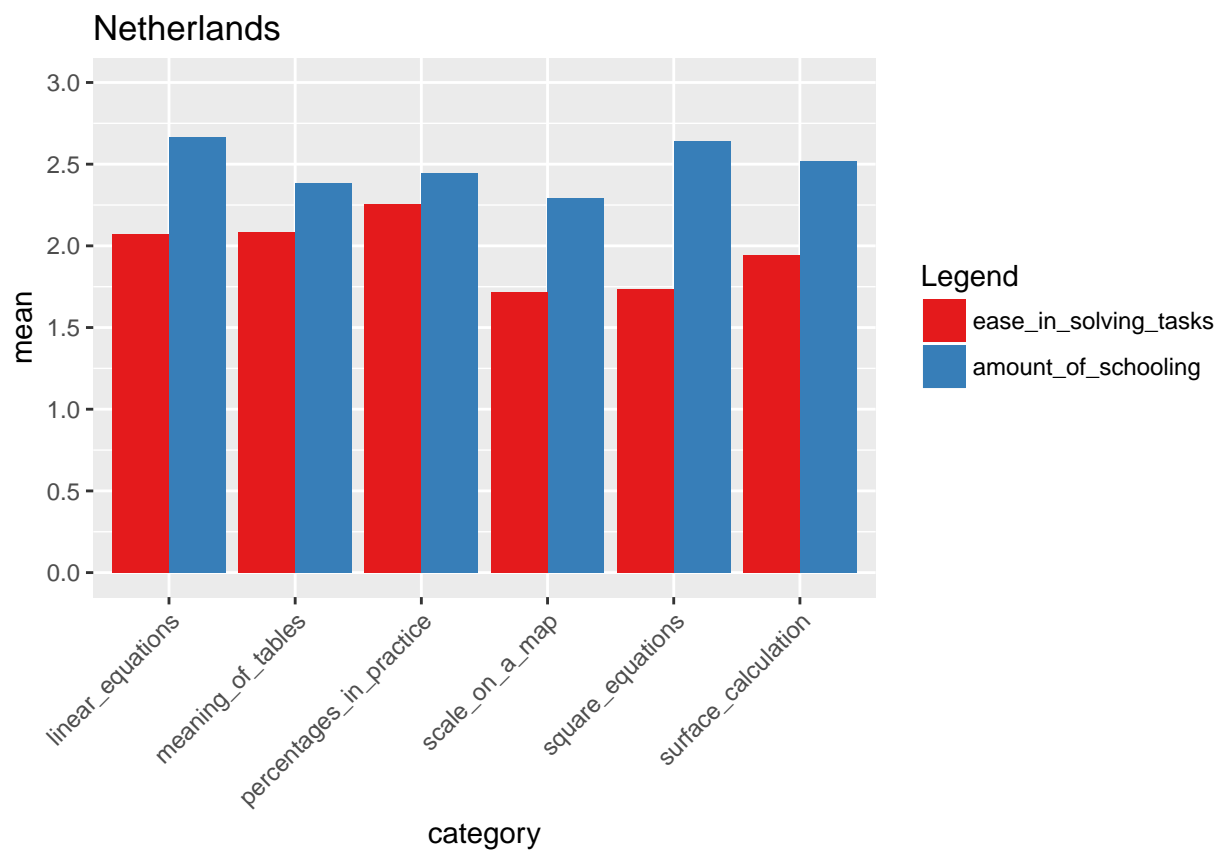
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## 43 MALAYSIA



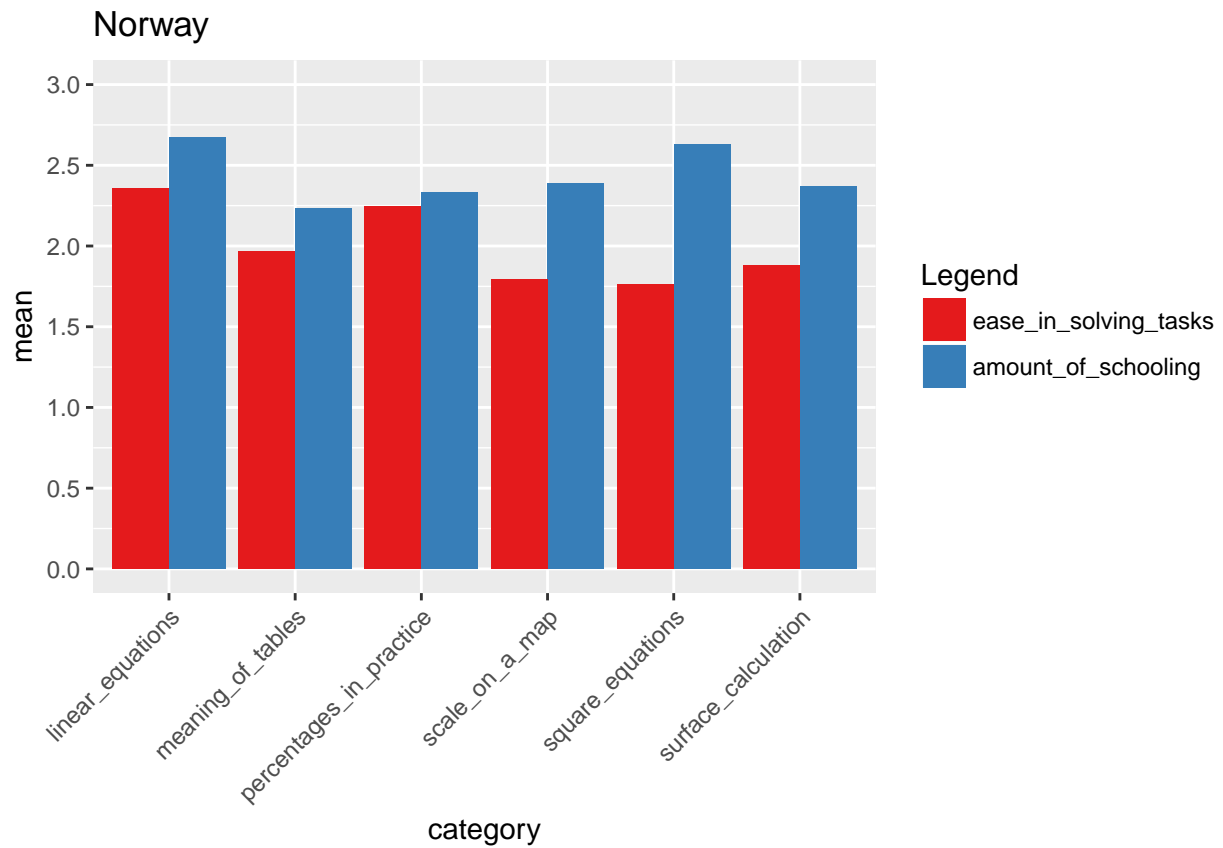
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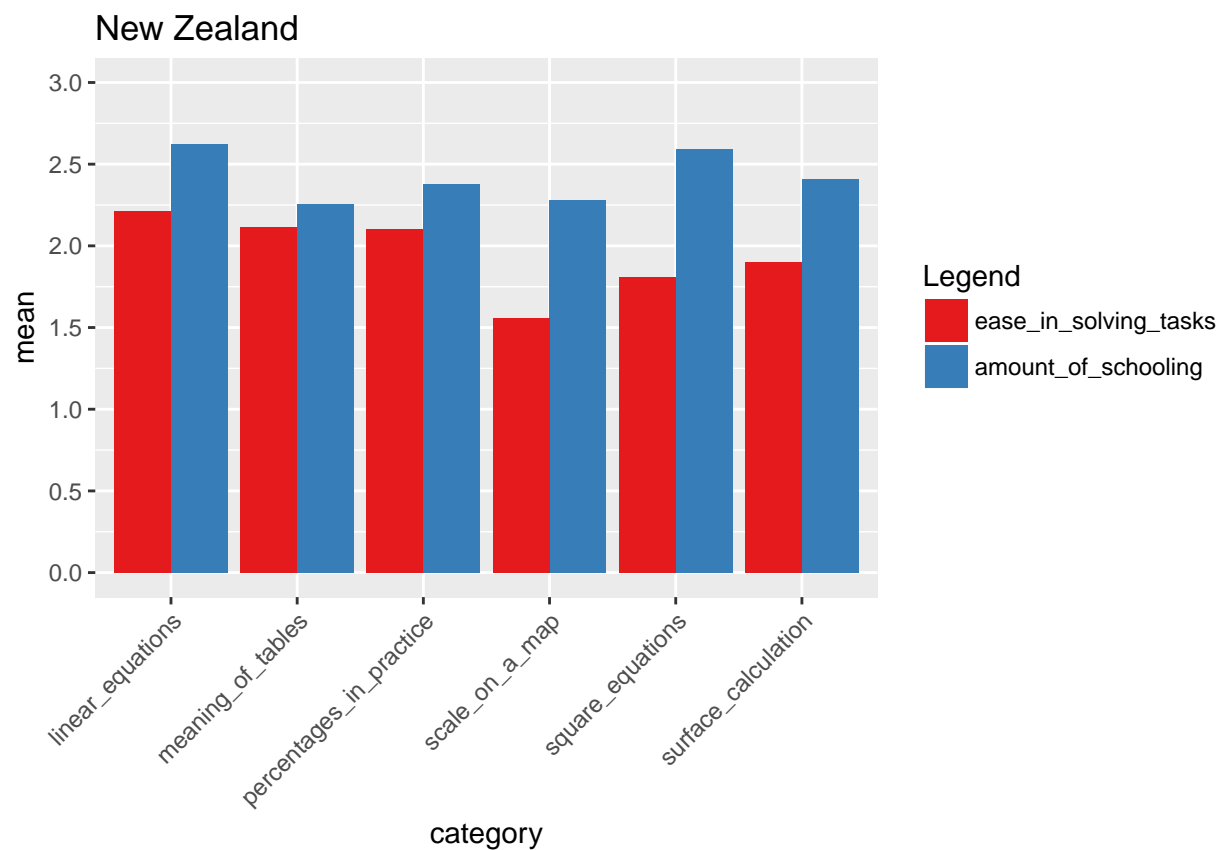
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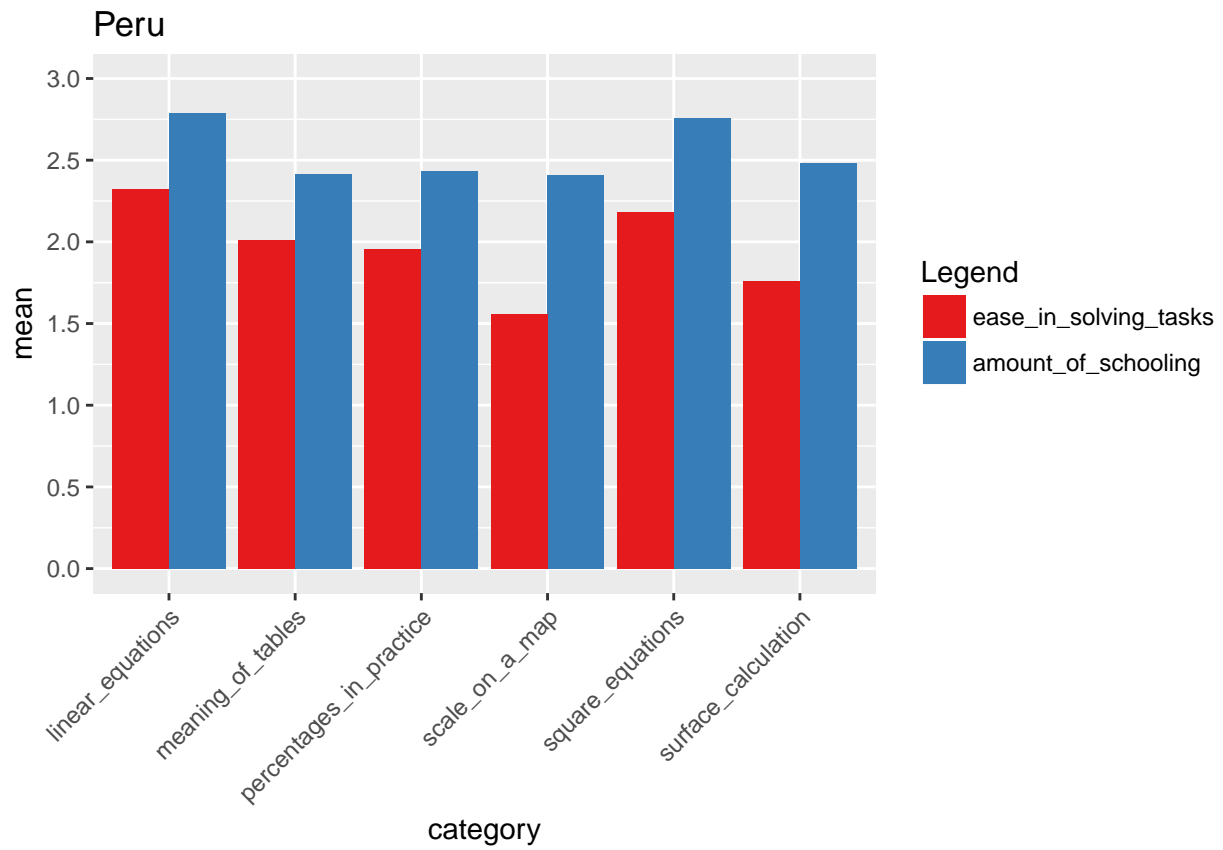


## 46 NEW ZEALAND



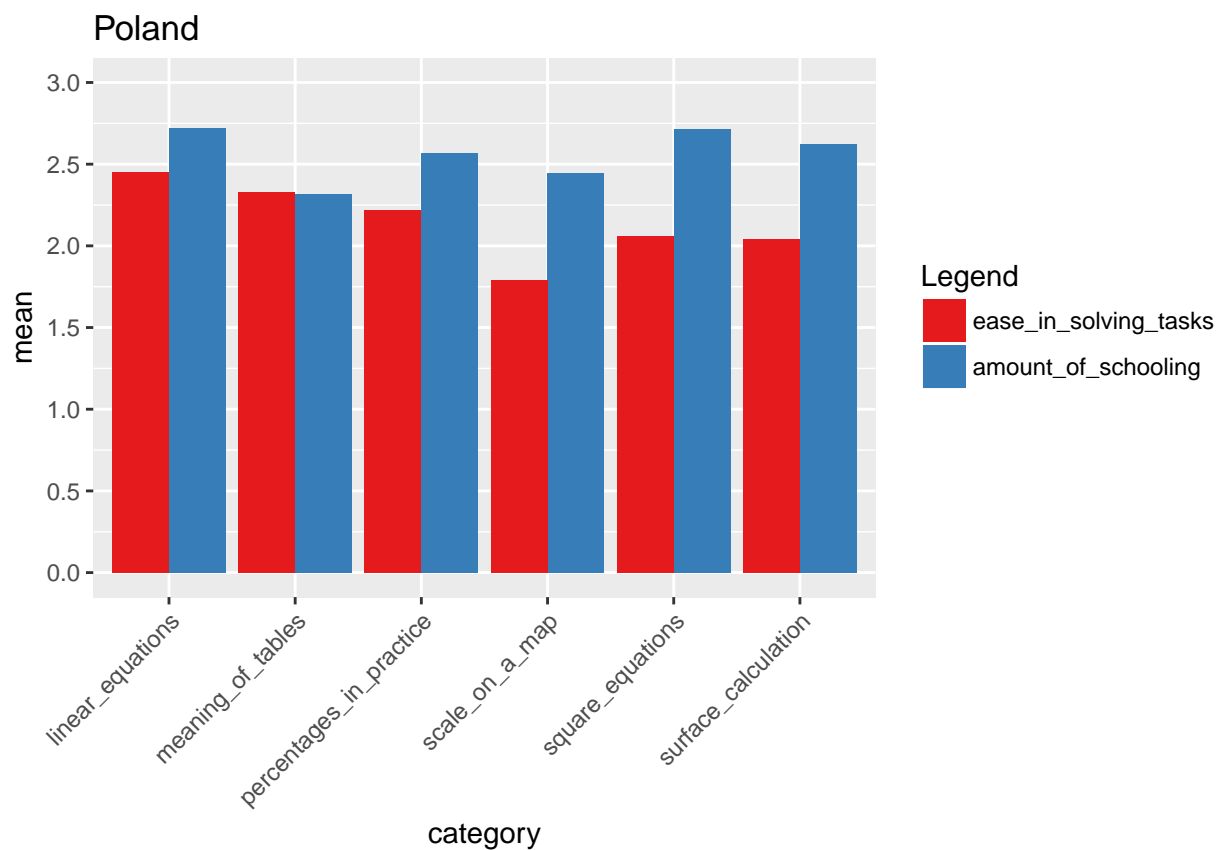
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## 47 PERU



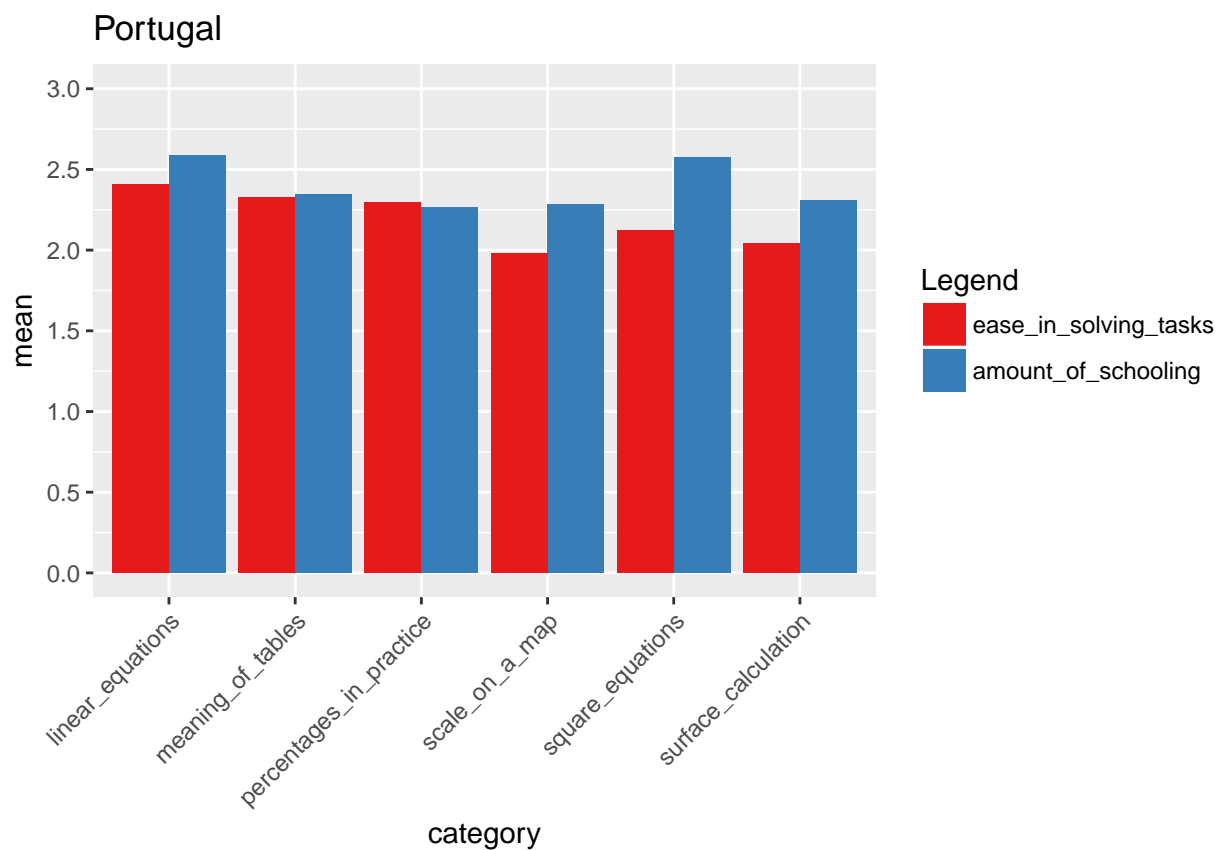
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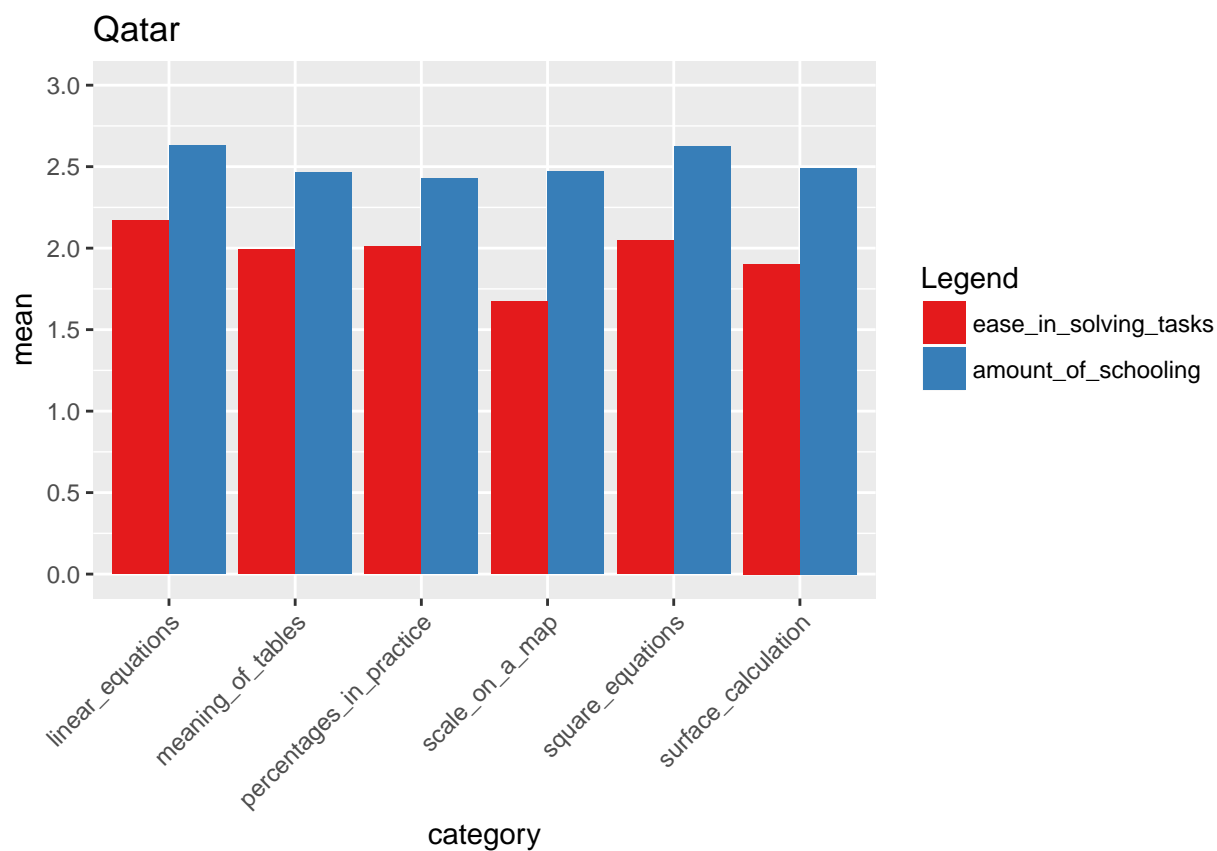
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## 49 PORTUGAL



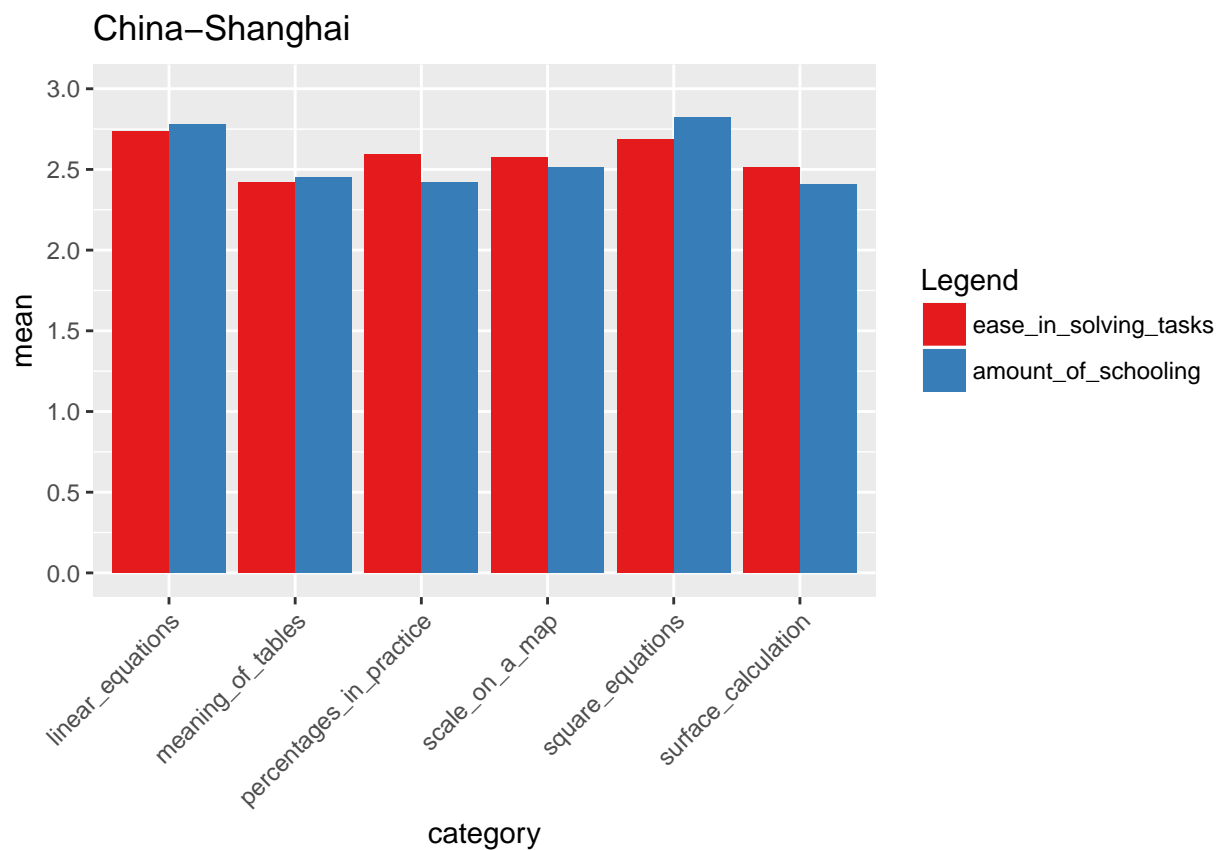
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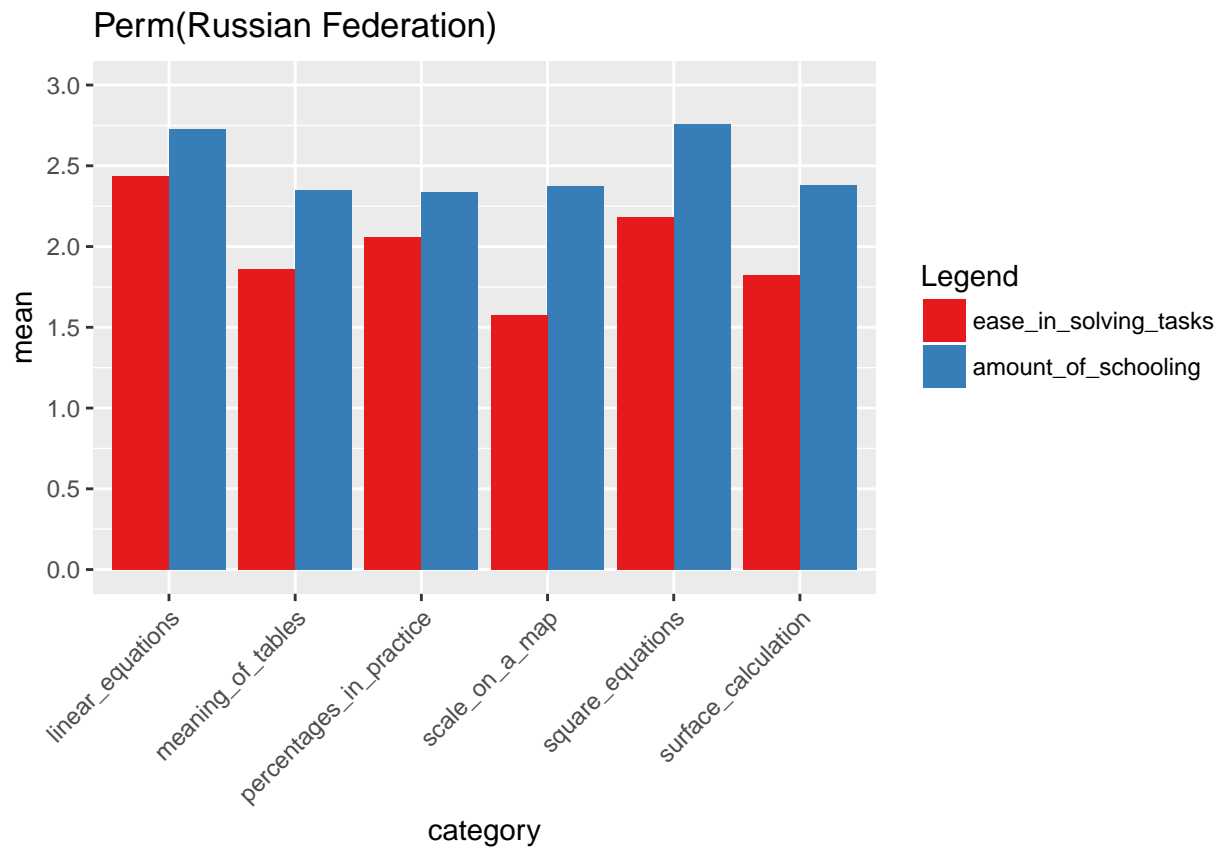
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## 51 CHINA-SHANGHAI



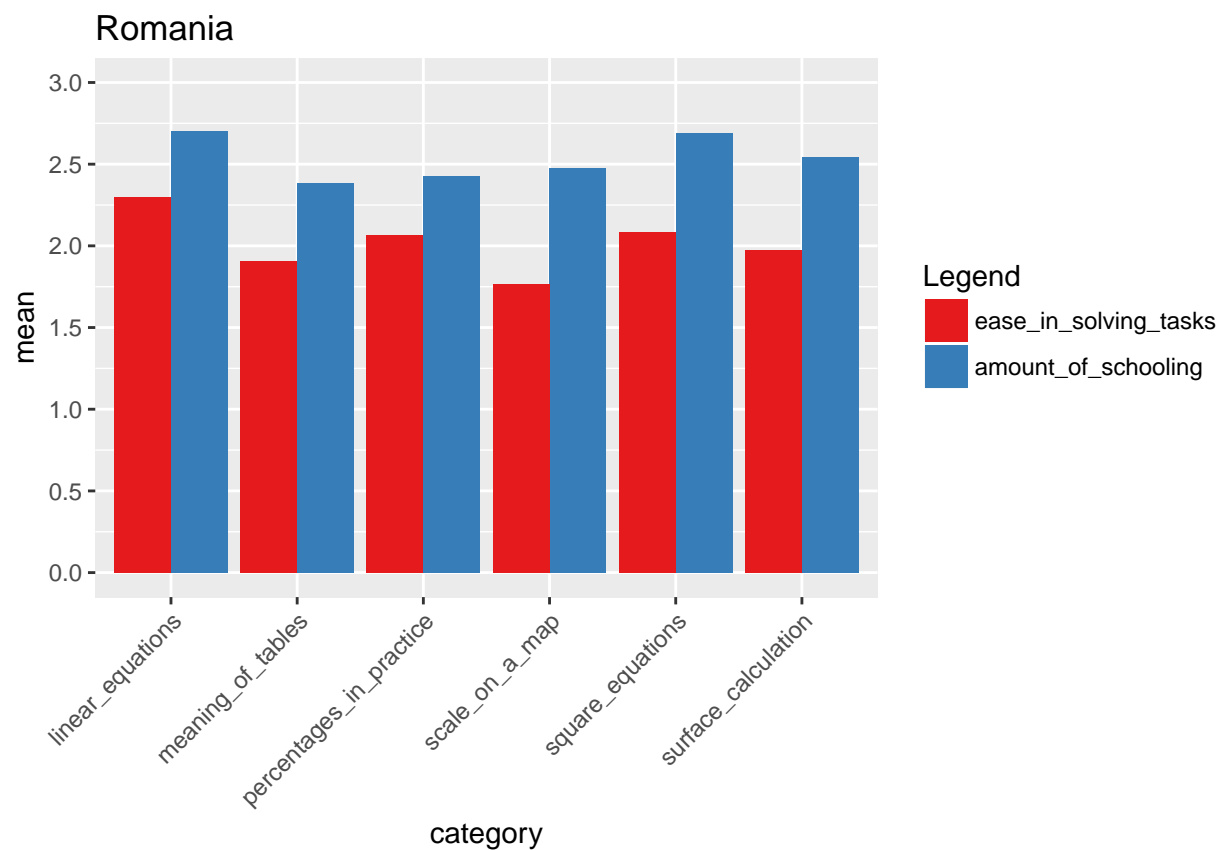
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## 52 PERM(RUSSIAN FEDERATION)



The bar chart presents how long it takes for 15- years old students to study specified sections of math science in school (blue bars) and how students feel about these sections (red bars).

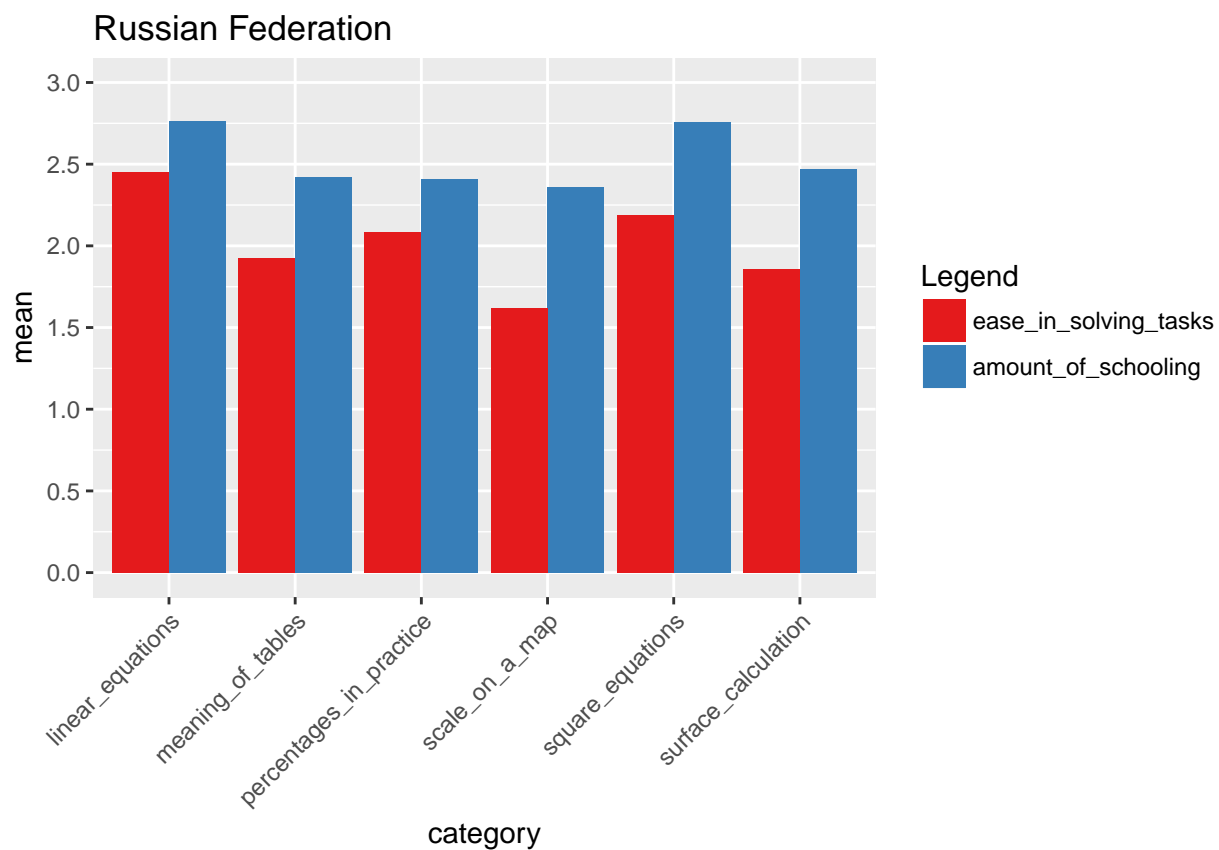
## 53 ROMANIA



The bar chart presents how long it takes for 15- years old students to study specified sections of math science in school (blue bars) and how students feel about these sections (red bars).

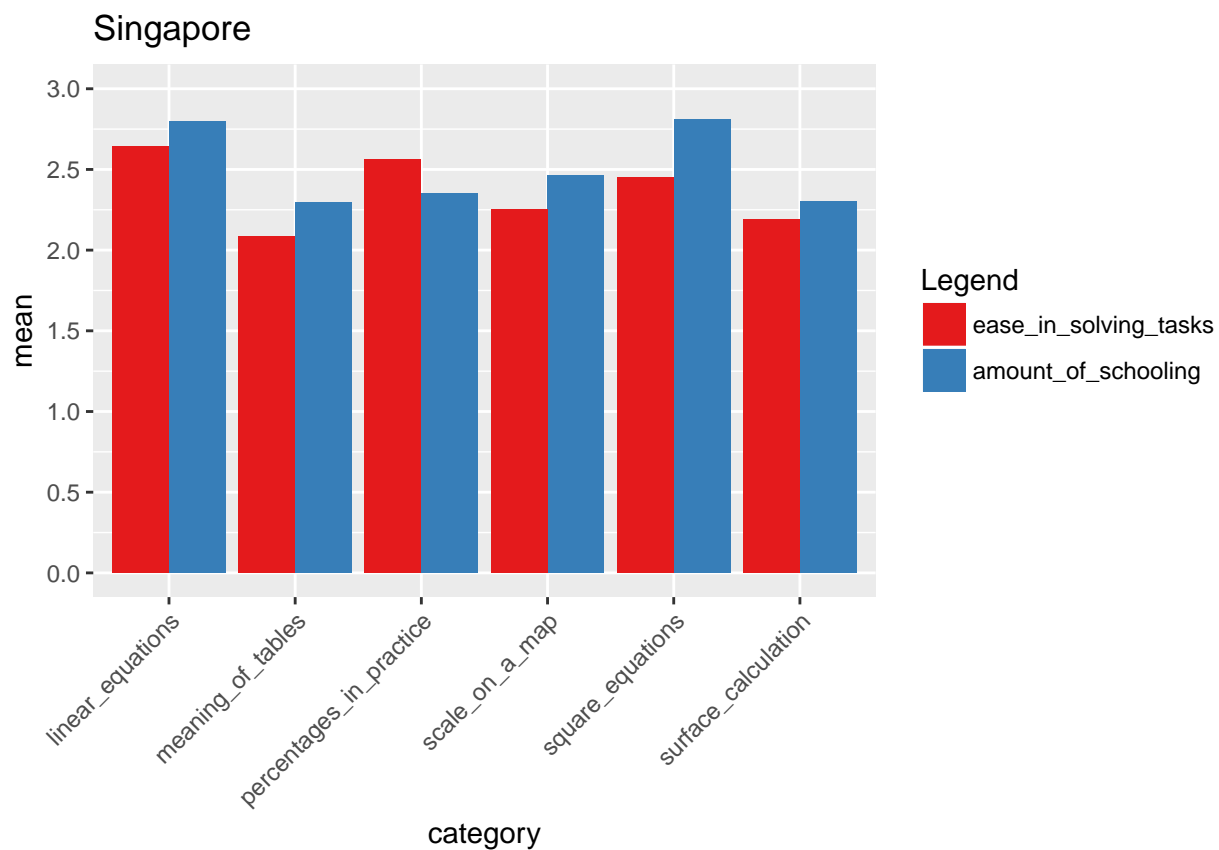


## 54 RUSSIAN FEDERATION



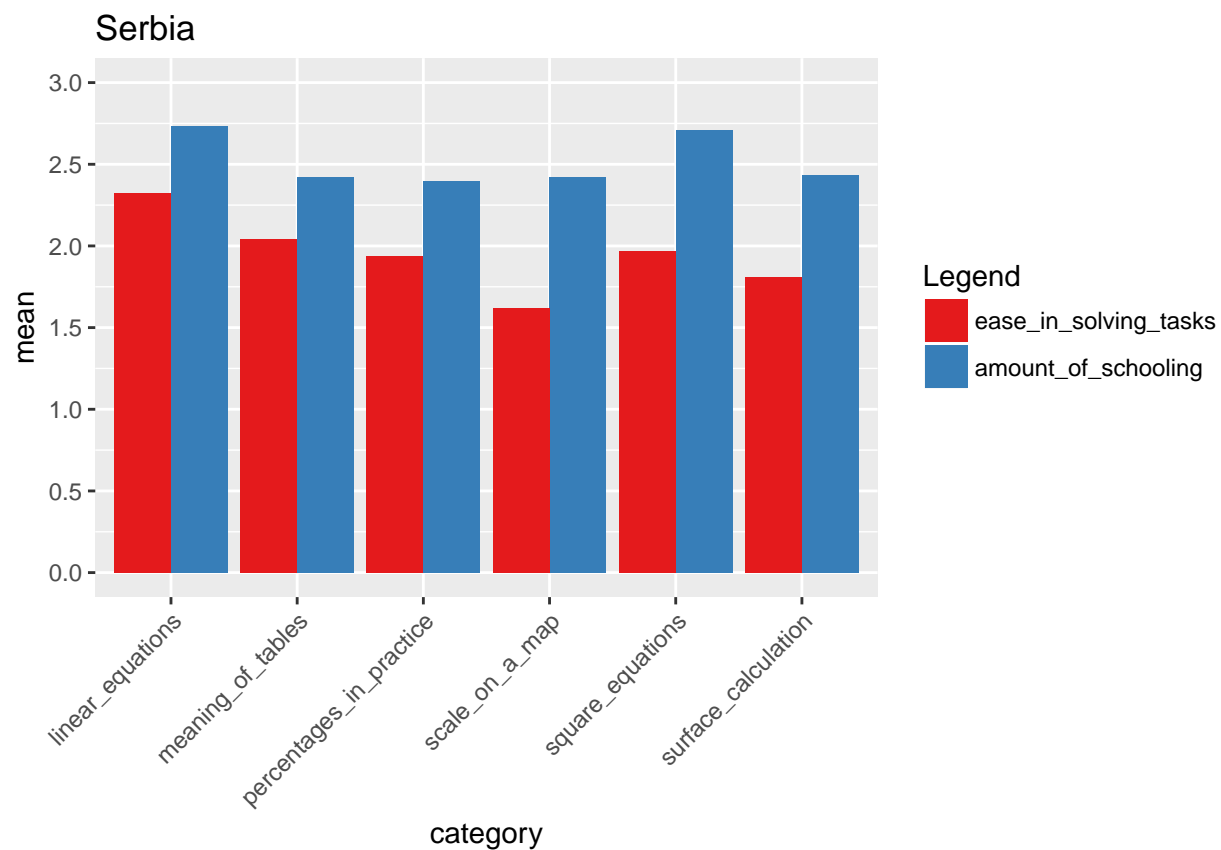
The bar chart presents how long it takes for 15- years old students to study specified sections of math science in school (blue bars) and how students feel about these sections (red bars).

## 55 SINGAPORE



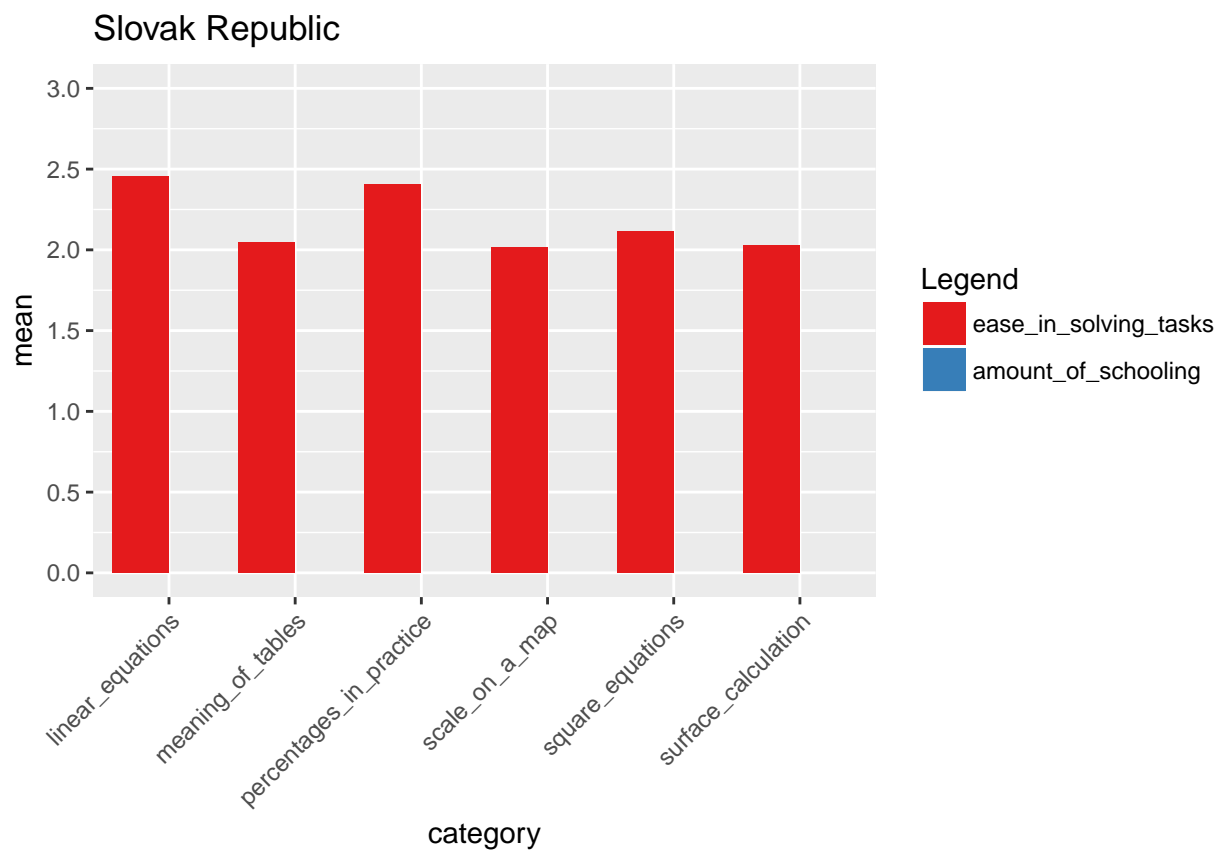
The bar chart presents how long it takes for 15- years old students to study specified sections of math science in school (blue bars) and how students feel about these sections (red bars).

## 56 SERBIA



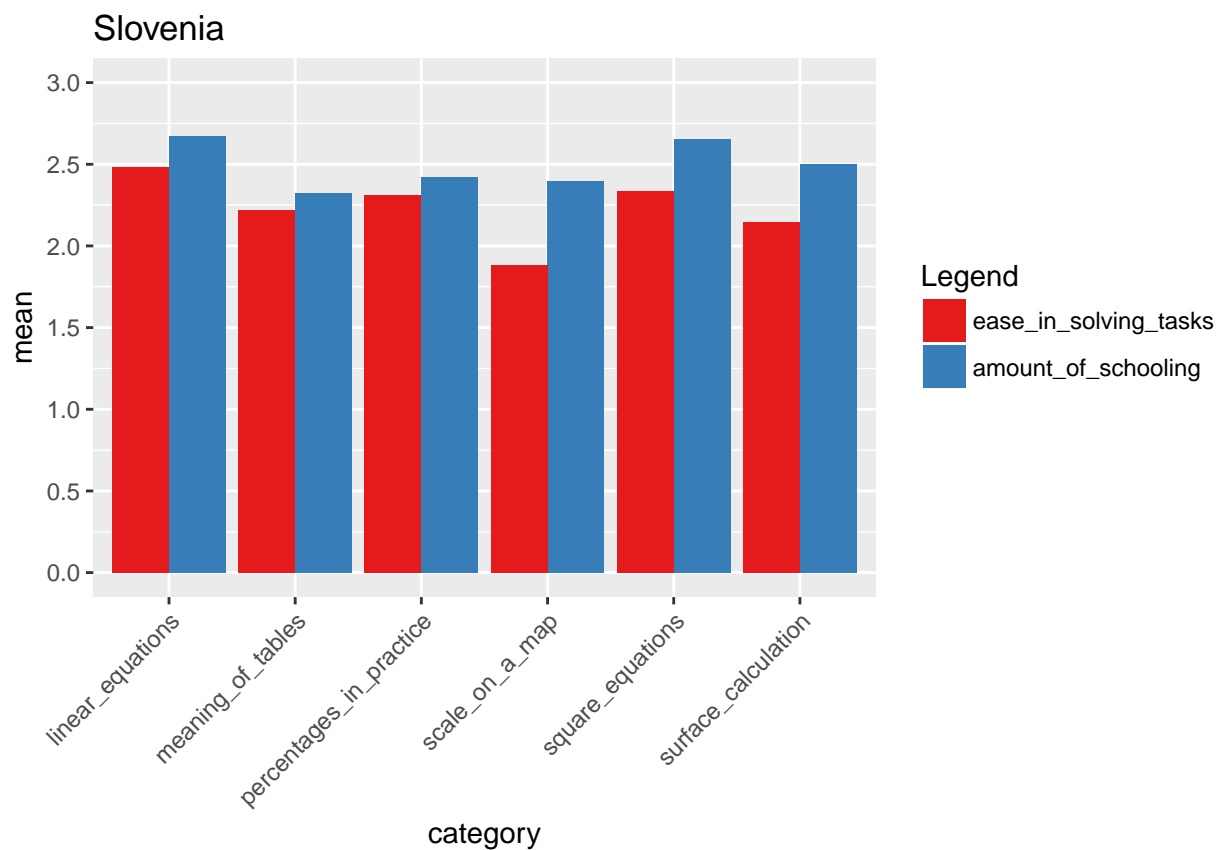
The bar chart presents how long it takes for 15- years old students to study specified sections of math science in school (blue bars) and how students feel about these sections (red bars).

## 57 SLOVAK REPUBLIC



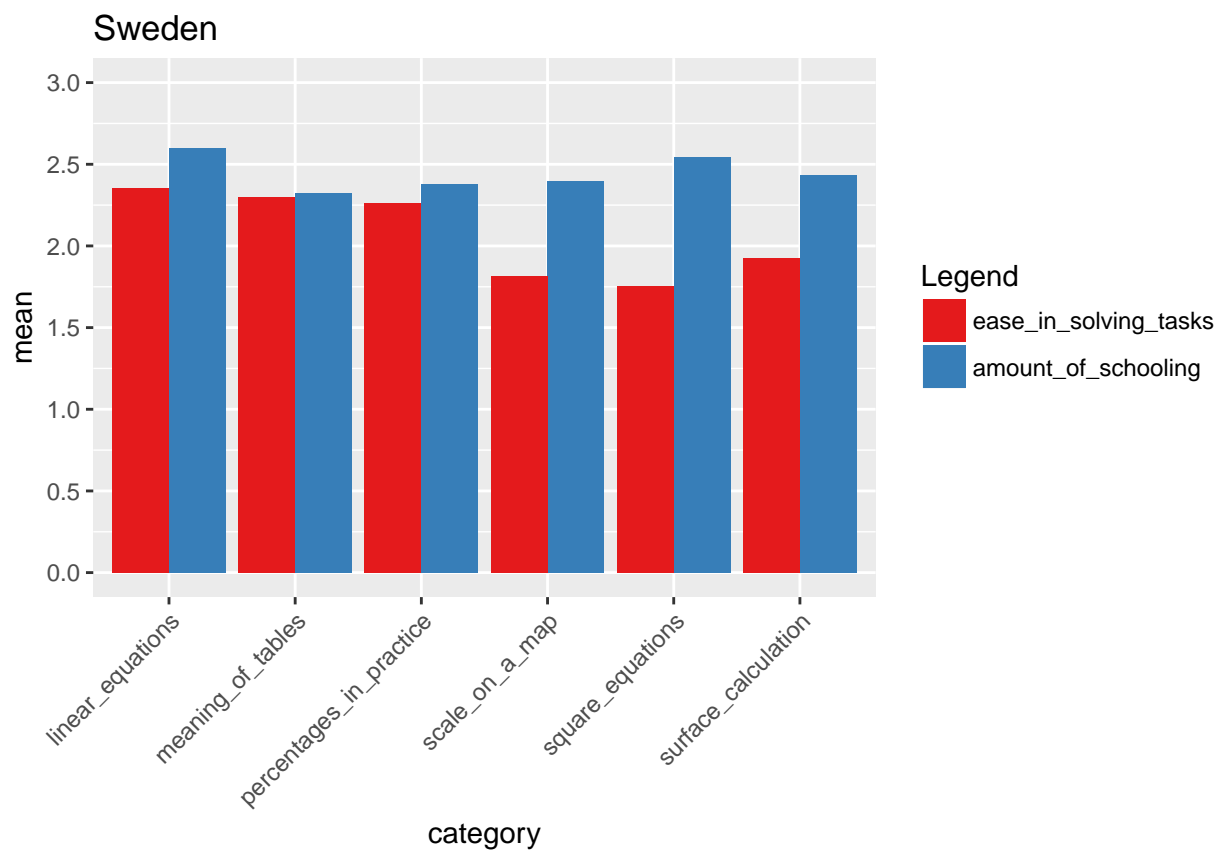
The bar chart presents how long it takes for 15- years old students to study specified sections of math science in school (blue bars) and how students feel about these sections (red bars).

## 58 SLOVENIA



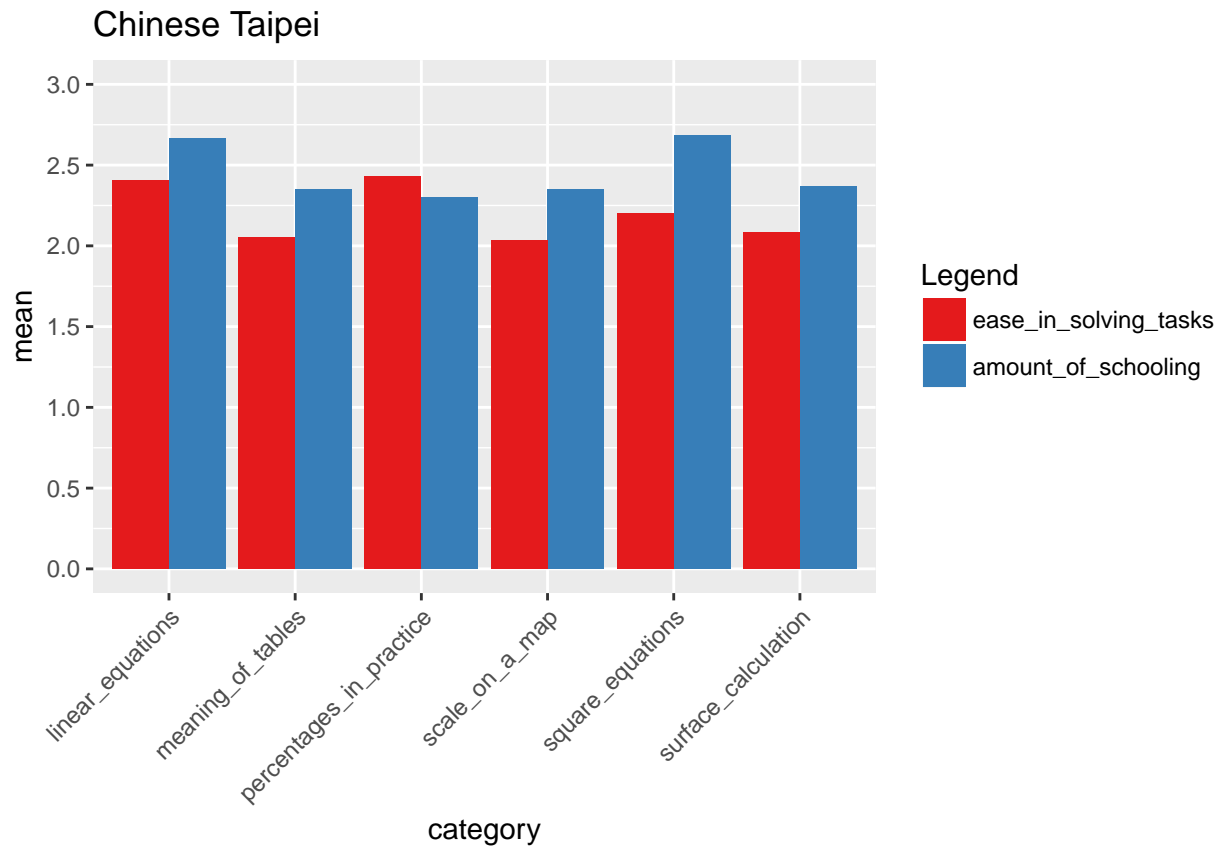
The bar chart presents how long it takes for 15- years old students to study specified sections of math science in school (blue bars) and how students feel about these sections (red bars).

## 59 SWEDEN



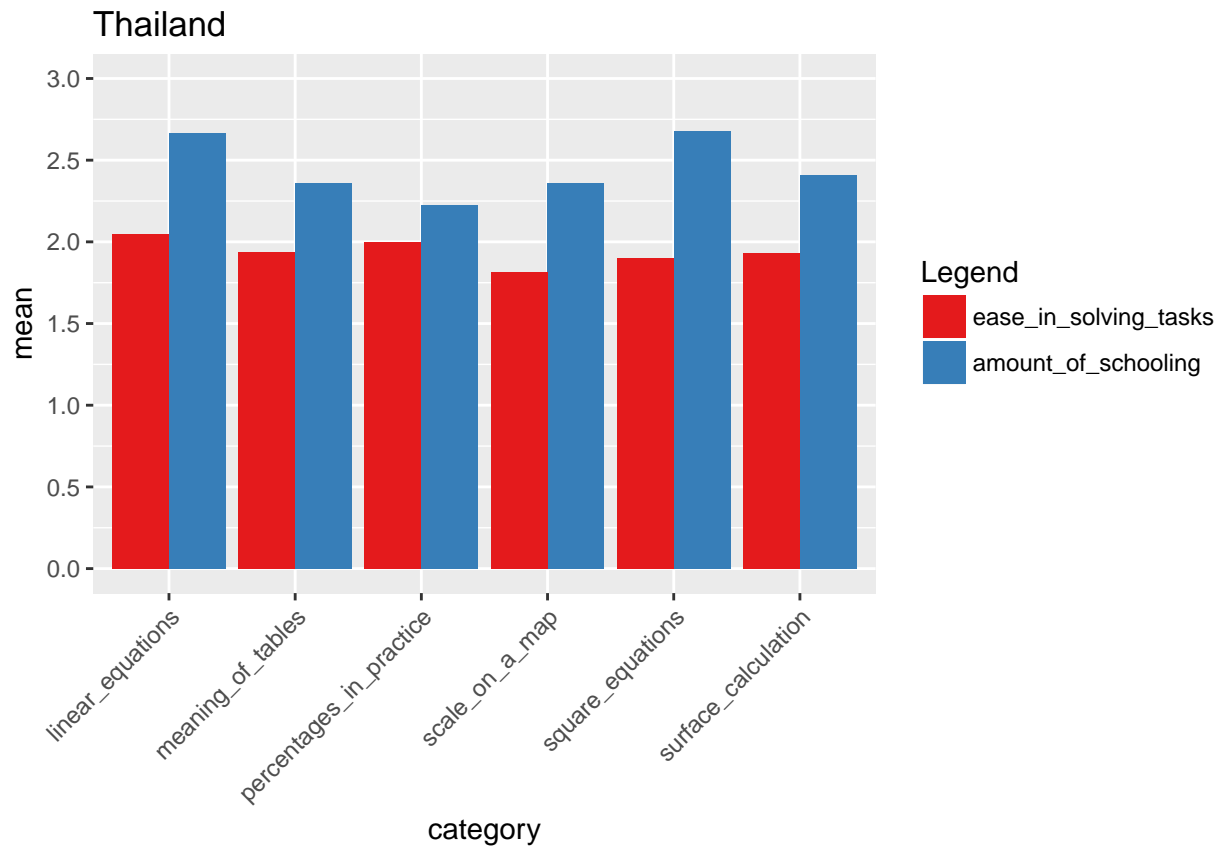
The bar chart presents how long it takes for 15- years old students to study specified sections of math science in school (blue bars) and how students feel about these sections (red bars).

## 60 CHINESE TAIPEI



The bar chart presents how long it takes for 15- years old students to study specified sections of math science in school (blue bars) and how students feel about these sections (red bars).

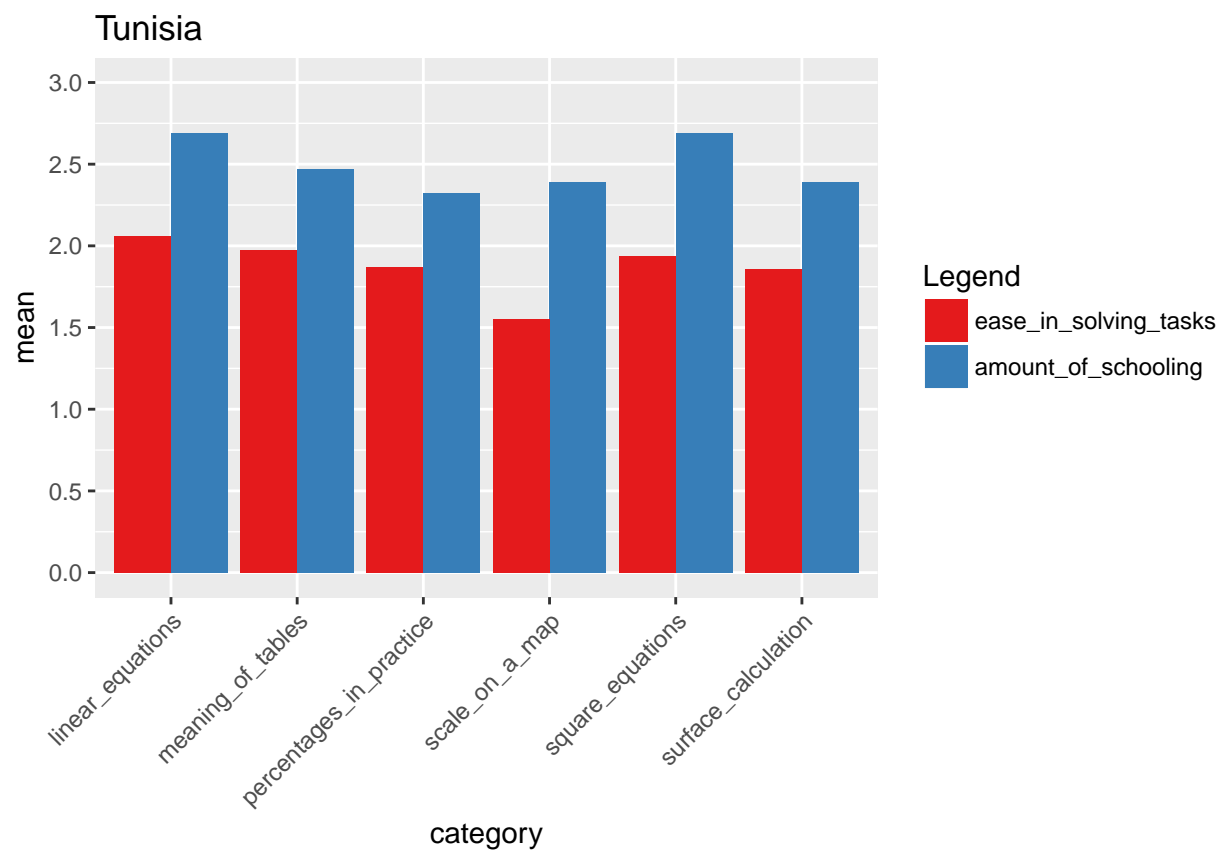
## 61 THAILAND



The bar chart presents how long it takes for 15- years old students to study specified sections of math science in school (blue bars) and how students feel about these sections (red bars).

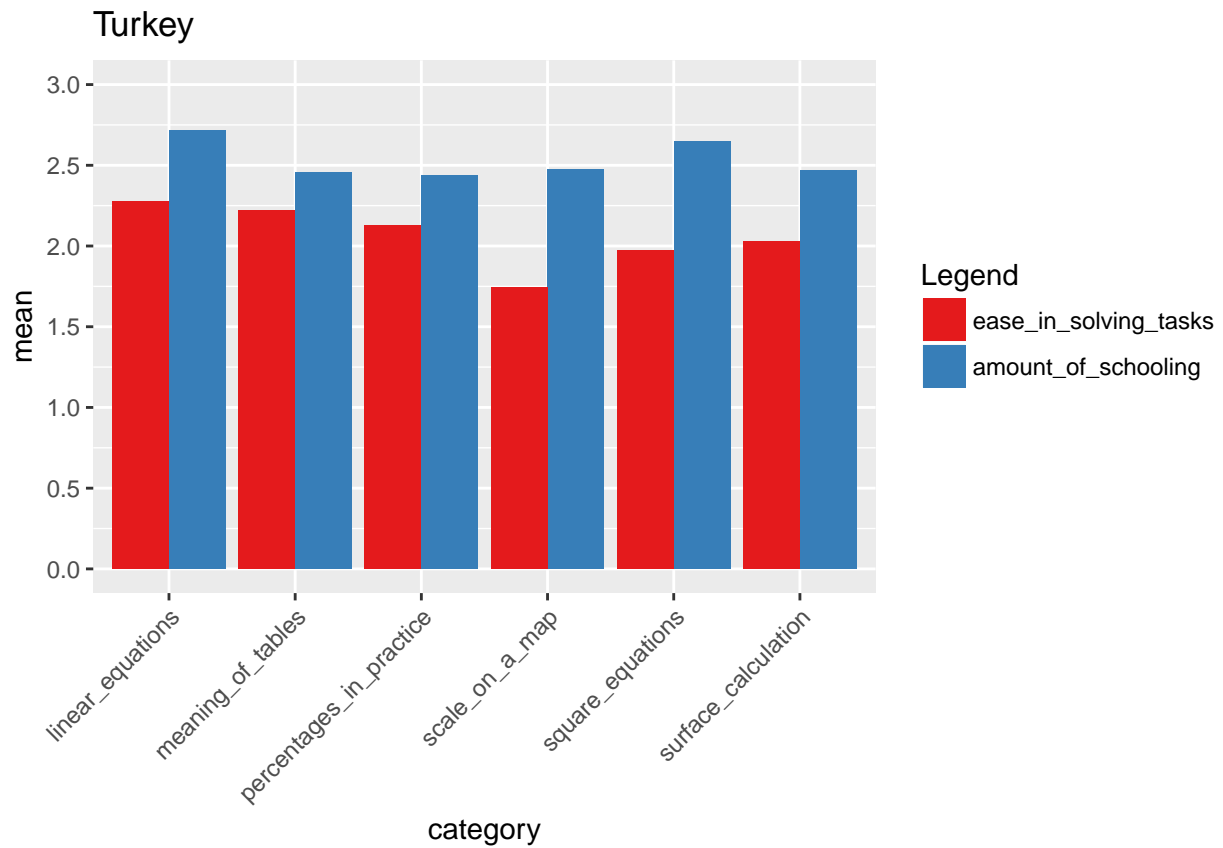


## 62 TUNISIA



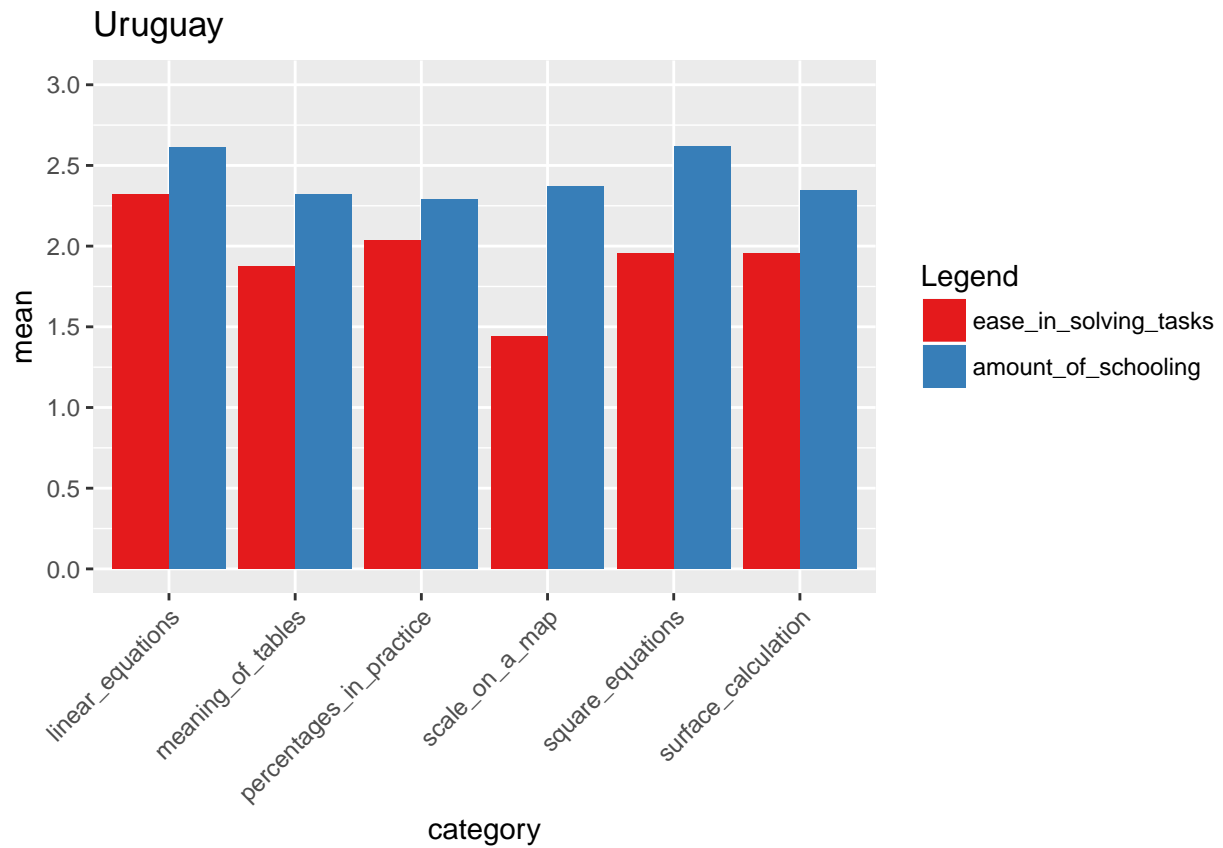
The bar chart presents how long it takes for 15- years old students to study specified sections of math science in school (blue bars) and how students feel about these sections (red bars).

## 63 TURKEY



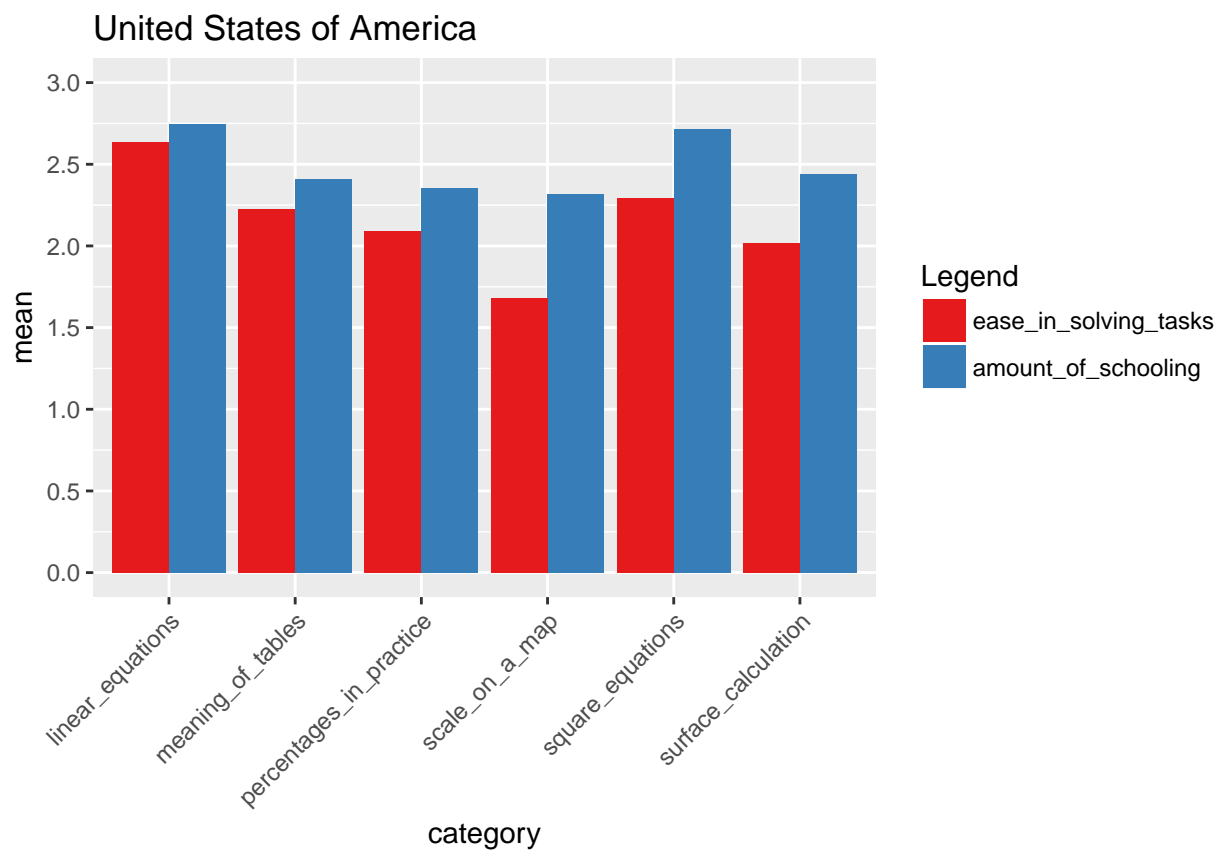
The bar chart presents how long it takes for 15- years old students to study specified sections of math science in school (blue bars) and how students feel about these sections (red bars).

## 64 URUGUAY



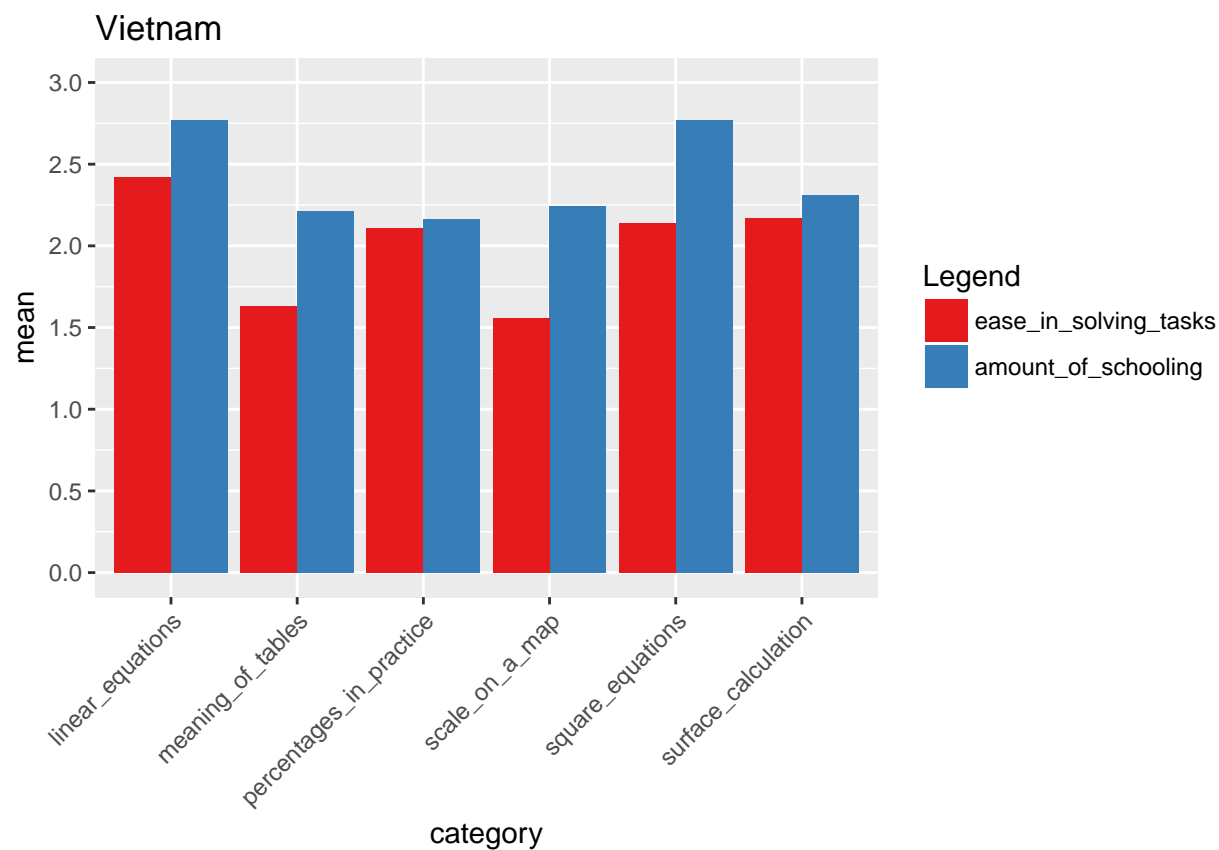
The bar chart presents how long it takes for 15- years old students to study specified sections of math science in school (blue bars) and how students feel about these sections (red bars).

## 65 UNITED STATES OF AMERICA



The bar chart presents how long it takes for 15- years old students to study specified sections of math science in school (blue bars) and how students feel about these sections (red bars).

## 66 VIETNAM



The bar chart presents how long it takes for 15- years old students to study specified sections of math science in school (blue bars) and how students feel about these sections (red bars).