

# Package ‘thestats’

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**Type** Package

**Title** R Package for Exploring Turkish Higher Education Statistics

**Version** 0.1.0

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**Description** A user-friendly R data package that is intended to make Turkish higher education statistics more accessible.

**License** GPL-3

**Encoding** UTF-8

**LazyData** true

**LazyDataCompression** bzip2

**URL** <https://github.com/analyticsresearchlab/thestats>

**Depends** R (>= 3.3.0), dplyr (>= 1.0.6)

**RoxygenNote** 7.1.1

**NeedsCompilation** no

**Repository** CRAN

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## Contents

depts . . . . .	2
depts_en . . . . .	2
list_dept . . . . .	3
list_score . . . . .	4
list_uni . . . . .	5
regions_cities . . . . .	6
regions_cities_en . . . . .	6
scores . . . . .	7

<b>Index</b>	<b>14</b>
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depts	<i>Information in Turkish about departments, faculties in Turkish universities.</i>
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**Description**

A dataset containing type, faculty, department information in Turkish for 198 universities in Turkey .

**Usage**

depts

**Format**

A data frame with 25652 rows and 7 variables:

**id** University id

**year** verinin yayinlandigi yil - year of the data is announced

**type** universite tipi (devlet, ozel) - type of university (state or private)

**program\_code** program kodu - official program id of the department

**university** universite ismi - name of the university

**faculty** fakulte ismi - name of the faculty

**department** bolum ismi - name of the department

**Source**

Yokatlas, YOK (Turkish Higher Education Council)

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depts_en	<i>Information in English about departments, faculties in Turkish universities.</i>
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**Description**

A dataset containing type, faculty, department information in English for 198 universities in Turkey .

**Usage**

depts\_en

**Format**

A data frame with 25652 rows and 7 variables:

**id** University id  
**year** year of the data is announced  
**type** type of university (state or private)  
**program\_code** official program id of the department  
**university** name of the university  
**faculty** name of the faculty  
**department** name of the department

**Source**

Yokatlas, YOK (Turkish Higher Education Council)

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list_dept	<i>List departments with aggregations</i>
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**Description**

List universities, departments and faculties based on city, university and region filter.

**Usage**

```
list_dept(
  region_names = "all",
  city_names = "all",
  university_names = "all",
  department_names,
  lang = "en",
  aggregation
)
```

**Arguments**

**region\_names** The region names that you want to get university,department and faculty names for.

**city\_names** The city names that you want to get university,department and faculty names for.

**university\_names** The university names that you want to get department and faculty names for.

**department\_names** The department names that.

**lang** Language option. Default "en", "en" for English, "tr" for Turkish

**aggregation** "count\_by\_region" for group sum of universities per each region defined by user.

**Value**

A data frame

**Examples**

```
dept_names <- list_dept(region_names = "all",
  city_names = c("Izmir", "Mugla"),
  department_names = "Statistics")
```

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list_score	<i>List scores for universities, departments</i>
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**Description**

List statistics universities, departments and faculties based on city, university and region filter.

**Usage**

```
list_score(
  region_names = "all",
  city_names = "all",
  university_names = "all",
  department_names,
  lang = "en",
  var_ids
)
```

**Arguments**

region_names	The region names that you want to get university,department and faculty names for
city_names	The city names that you want to get university,department and faculty names for
university_names	The university names that you want to get university get university,department and faculty names for
department_names	The department names that.
lang	Language option. Default ="en" "en" for English, "tr" for Turkish
var_ids	Statistics defined in Table 3.

**Value**

A data frame

**Examples**

```
list_score(region_names = "all", city_names = "all",
           university_names = "all", department_names="all",
           lang = "en", var_ids=c("X10","X11"))
```

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**list\_uni***List universities with aggregations*

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**Description**

List universities and types of them based on city and region filter

**Usage**

```
list_uni(region_names = "all", city_names = "all", aggregation, lang = "en")
```

**Arguments**

region_names	The region names that you want to get university names for
city_names	The city names that you want to get university names for
aggregation	"count_by_city" for group sum of universities per each city defined by user. "count_by_region": group sum of universities per each region defined by user.
lang	Language option. Default "en". "en" for English, "tr" roTurkish

**Value**

A data frame

**Examples**

```
uni_names <- list_uni(region_names = "all",
                     city_names = c("IZMIR","MUGLA"),
                     aggregation = "count_by_city")
```

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regions\_cities

*Information in Turkish about universities in Turkey.*

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### Description

A dataset containing region, city, type and website information in Turkish for 198 universities in Turkey .

### Usage

regions\_cities

### Format

A data frame with 198 rows and 6 variables:

**id** University id

**university** universite ismi, name of the university

**type** universite tipi (devlet, ozel) - type of university (state or private)

**city** universitenin yer aldigi sehir ismi - name of the city where the university is located

**region** universitenin yer aldigi sehir ismi - name of the region where the university is located

**website** universitenin web adresi - website url of the university

### Source

Yokatlas, YOK (Turkish Higher Education Council)

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regions\_cities\_en

*Information in English about universities in Turkey.*

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### Description

A dataset containing region, city, type and website information in English for 198 universities in Turkey .

### Usage

regions\_cities\_en

**Format**

A data frame with 198 rows and 6 variables:

**id** University id  
**university** name of the university  
**type** type of university (state or private)  
**city** name of the city where the university is located  
**region** name of the region where the university is located  
**website** website url of the university

**Source**

Yokatlas, YOK (Turkish Higher Education Council)

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scores	<i>Information in Turkish about departments, faculties in Turkish universities.</i>
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**Description**

A dataset containing type, faculty, department information and other statistics in Turkish for 198 universities in Turkey .

**Usage**

scores

**Format**

A data frame with 25652 rows and 198 variables:

**id** University id  
**year** verinin yayinlandigi yil - year of the data is announced  
**type** universite tipi (devlet, ozel) - type of university (state or private)  
**program\_code** program kodu - official program id of the department  
**university** universite ismi - name of the university  
**faculty** fakulte ismi - name of the faculty  
**department** bolum ismi - name of the department  
**X10** number of quota for the highest rank student in high school  
**X100** number of placed students from Bayburt  
**X101** number of placed students from Karaman  
**X102** number of placed students from Kirikkale  
**X103** number of placed students from Batman

- X104** number of placed students from Sirnak
- X105** number of placed students from Bartin
- X106** number of placed students from Ardahan
- X107** number of placed students from Igdir
- X108** number of placed students from Yalova
- X109** number of placed students from Karabuk
- X11** number of placed to general quota
- X110** number of placed students from Kilis
- X111** number of placed students from Osmaniye
- X112** number of placed students from Duzce
- X113** number of students graduated from high school in same year
- X114** number of students graduated from high school and not placed before
- X115** number of students placed when they are students
- X116** number of students graduated from university before
- X117** number of student graduated from high school in same year
- X118** number of student graduated from high school one year ago
- X119** number of student graduated from high school two years ago
- X12** number of students placed to the quota of highest rank student in high school
- X120** number of student graduated from high school three years ago
- X121** number of student graduated from high school four years ago
- X122** lowest score of students placed quota of highest rank student in high school
- X123** highest rank of students placed quota of highest rank student in high school
- X124** average turkish test net
- X125** average math test net
- X126** average social studies test net
- X127** average science test net
- X128** average foreign language test net
- X129** average ayt turkish language test net
- X13** number of additional placement students
- X130** average history test net
- X131** avege ayt math test net
- X132** average geography test net
- X133** average obp score
- X134** average tyt score
- X135** lowest obp score
- X136** lowest tyt score
- X137** average rank of success

- X138** lowest rank of success
- X139** number of students who choice
- X14** lowest score of students placed with coefficient 0.12
- X140** average choice place
- X141** number of choices in 1st place
- X142** number of choices in 2nd place
- X143** number of choices in 3rd place
- X144** number of choices in 4th place
- X145** number of choices in 5th place
- X146** number of choices in 6th place
- X147** number of choices in 7th place
- X148** number of choices in 8th place
- X149** number of choices in 9th place
- X15** lowest rank of students placed with coefficient 0.12
- X150** number of choices in 10th and more place
- X151** number of students placed in 1st choice
- X152** number of students placed in 2nd choice
- X153** number of students placed in 3rd choice
- X154** number of students placed in 4th choice
- X155** number of students placed in 5th choice
- X156** number of students placed in 6th choice
- X157** number of students placed in 7th choice
- X158** number of students placed in 8th choice
- X159** number of students placed in 9th choice
- X16** highest score of placed students
- X160** number of students placed in 10th choice
- X161** number of students placed in 11th choice
- X162** number of students placed in 12th choice
- X163** number of students placed in 13th choice
- X164** number of students placed in 14th choice
- X165** number of students placed in 15th choice
- X166** number of students placed in 16th choice
- X167** number of students placed in 17th choice
- X168** number of students placed in 18th choice
- X169** number of students placed in 19th choice
- X17** highest rank of placed students
- X170** number of students placed in 20th choice

- X171** number of students placed in 21th choice
- X172** number of students placed in 22th choice
- X173** number of students placed in 23th choice
- X174** number of students placed in 24th choice
- X175** total used choices of students
- X176** used number of choices
- X177** unused number of choices
- X178** average used choices of students
- X179** total used choices of students
- X18** the number of students who placed in the previous year and replaced with the deduction of obp score
- X180** number of choices for private universities
- X181** number of choices for Cyprus universities
- X182** number of choices for abroad universities
- X183** number of choices for same department/program
- X184** number of choices for different department/program
- X185** number of choices for Cyprus department/program
- X186** number of choices for programs
- X187** number of choices for abroad department/program
- X188** number of full professor
- X189** number of associate professor
- X19** average obp score
- X190** number of assistant professor
- X191** number of registered female students
- X192** number of registered male students
- X193** number of male graduates
- X194** number of female graduates
- X195** number of outgoing exchange students
- X196** number of incoming exchange students
- X2** program code
- X20** average high school graduation score
- X21** number of placed female students
- X22** number of placed male students
- X23** number of placed students from same city
- X24** number of placed students from different city
- X25** number of placed students from mediterranean region
- X26** number of placed students from eastern anatolia region

- X27** number of placed students from aegean region
- X28** number of placed students from southeaster anatolia region
- X29** number of placed students from central anatolia region
- X30** number of placed students from Black sea region
- X31** number of placed students from Marmara region
- X32** number of placed students from Adana
- X33** number of placed students from Adiyaman
- X34** number of placed students from Afyon
- X35** number of placed students from Agri
- X36** number of placed students from Amasya
- X37** number of placed students from Ankara
- X38** number of placed students from Antalya
- X39** number of placed students from Artvin
- X40** number of placed students from Aydin
- X41** number of placed students from Balikesir
- X42** number of placed students from Bilecik
- X43** number of placed students from Bingol
- X44** number of placed students from Bitlis
- X45** number of placed students from Bolu
- X46** number of placed students from Burdur
- X47** number of placed students from Bursa
- X48** number of placed students from Canakkale
- X49** number of placed students from Cankiri
- X50** number of placed students from Corum
- X51** number of placed students from Denizli
- X52** number of placed students from Diyarbakir
- X53** number of placed students from Edirne
- X54** number of placed students from Elazig
- X55** number of placed students from Erzincan
- X56** number of placed students from Erzurum
- X57** number of placed students from Eskisehir
- X58** number of placed students from Gaziantep
- X59** number of placed students from Giresun
- X6** Type of score
- X60** number of placed students from Gumushane
- X61** number of placed students from Hakkari
- X62** number of placed students from Hatay

- X63** number of placed students from Isparta
- X64** number of placed students from Mersin
- X65** number of placed students from Istanbul
- X66** number of placed students from Izmir
- X67** number of placed students from Kars
- X68** number of placed students from Kastamonu
- X69** number of placed students from Kayseri
- X7** type of scholarship
- X70** number of placed students from Kirklareli
- X71** number of placed students from Kirsehir
- X72** number of placed students from Kocaeli
- X73** number of placed students from Konya
- X74** number of placed students from Kutahya
- X75** number of placed students from Malatya
- X76** number of placed students from Manisa
- X77** number of placed students from Kahramanmaras
- X78** number of placed students from Mardin
- X79** number of placed students from Mugla
- X80** number of placed students from Mus
- X81** number of placed students from Nevsehir
- X82** number of placed students from Nigde
- X83** number of placed students from Ordu
- X84** number of placed students from Rize
- X85** number of placed students from Sakarya
- X86** number of placed students from Samsun
- X87** number of placed students from Siirt
- X88** number of placed students from Sinop
- X89** number of placed students from Sivas
- X9** general contingency
- X90** number of placed students from Tekirdag
- X91** number of placed students from Tokat
- X92** number of placed students from Trabzon
- X93** number of placed students from Tunceli
- X94** number of placed students from Sanliurfa
- X95** number of placed students from Usak
- X96** number of placed students from Van
- X97** number of placed students from Yozgat
- X98** number of placed students from Zonguldak
- X99** number of placed students from Aksaray

**Source**

Yokatlas, YOK (Turkish Higher Education Council)

# Index

## \* datasets

depts, [2](#)

depts\_en, [2](#)

regions\_cities, [6](#)

regions\_cities\_en, [6](#)

scores, [7](#)

depts, [2](#)

depts\_en, [2](#)

list\_dept, [3](#)

list\_score, [4](#)

list\_uni, [5](#)

regions\_cities, [6](#)

regions\_cities\_en, [6](#)

scores, [7](#)