

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.

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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

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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)

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)

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")
```

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"))
```

list_uni*List universities with aggregations*

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")
```

regions_cities *Information in Turkish about universities in Turkey.*

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)

regions_cities_en *Information in English about universities in Turkey.*

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)

scores

Information in Turkish about departments, faculties in Turkish universities.

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)

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