Package ‘thestats’

Type Package
Title R Package for Exploring Turkish Higher Education Statistics
Version 0.1.0
Author Olgun Aydin, Mustafa Cavus
Maintainer Olgun Aydin <olgun.aydin@pg.edu.pl>
Description A user-friendly R data package that is intended to make Turkish higher education statistics more accessible.
License GPL-3
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LazyDataCompression bzip2
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depts

Information in Turkish about departments, faculties in Turkish universities.

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 yayinandigi 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

Information in English about departments, faculties in Turkish universities.

Description

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

Usage
depts_en
list_dept

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  List departments with aggregations

Description

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

Usage

```r
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

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

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, 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
list_uni

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" for Turkish

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
scores

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
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
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>X27</td>
<td>number of placed students from aegean region</td>
</tr>
<tr>
<td>X28</td>
<td>number of placed students from southeaster anatolia region</td>
</tr>
<tr>
<td>X29</td>
<td>number of placed students from central anatolia region</td>
</tr>
<tr>
<td>X30</td>
<td>number of placed students from Black sea region</td>
</tr>
<tr>
<td>X31</td>
<td>number of placed students from Marmara region</td>
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<tr>
<td>X32</td>
<td>number of placed students from Adana</td>
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<td>X33</td>
<td>number of placed students from Adiyaman</td>
</tr>
<tr>
<td>X34</td>
<td>number of placed students from Afyon</td>
</tr>
<tr>
<td>X35</td>
<td>number of placed students from Agri</td>
</tr>
<tr>
<td>X36</td>
<td>number of placed students from Amasya</td>
</tr>
<tr>
<td>X37</td>
<td>number of placed students from Ankara</td>
</tr>
<tr>
<td>X38</td>
<td>number of placed students from Antalya</td>
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<tr>
<td>X39</td>
<td>number of placed students from Artvin</td>
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<td>X40</td>
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<td>X41</td>
<td>number of placed students from Balikesir</td>
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<td>X42</td>
<td>number of placed students from Bilecik</td>
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<td>X43</td>
<td>number of placed students from Bingol</td>
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<tr>
<td>X44</td>
<td>number of placed students from Bitlis</td>
</tr>
<tr>
<td>X45</td>
<td>number of placed students from Bolu</td>
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<tr>
<td>X46</td>
<td>number of placed students from Burdur</td>
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<tr>
<td>X47</td>
<td>number of placed students from Bursa</td>
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<tr>
<td>X48</td>
<td>number of placed students from Canakkale</td>
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<tr>
<td>X49</td>
<td>number of placed students from Cankiri</td>
</tr>
<tr>
<td>X50</td>
<td>number of placed students from Corum</td>
</tr>
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<td>X51</td>
<td>number of placed students from Denizli</td>
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<tr>
<td>X52</td>
<td>number of placed students from Diyarbakir</td>
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<td>X53</td>
<td>number of placed students from Edirne</td>
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<td>number of placed students from Elazig</td>
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<td>X55</td>
<td>number of placed students from Erzincan</td>
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<td>X56</td>
<td>number of placed students from Erzurum</td>
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<td>X57</td>
<td>number of placed students from Eskisehir</td>
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<td>X58</td>
<td>number of placed students from Gaziantep</td>
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<td>X59</td>
<td>number of placed students from Giresun</td>
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<tr>
<td>X6</td>
<td>Type of score</td>
</tr>
<tr>
<td>X60</td>
<td>number of placed students from Gumushane</td>
</tr>
<tr>
<td>X61</td>
<td>number of placed students from Hakkari</td>
</tr>
<tr>
<td>X62</td>
<td>number of placed students from Hatay</td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
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<td>------</td>
<td>-------------------------------------------------------</td>
</tr>
<tr>
<td>X63</td>
<td>number of placed students from Isparta</td>
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<td>X64</td>
<td>number of placed students from Mersin</td>
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<tr>
<td>X65</td>
<td>number of placed students from Istanbul</td>
</tr>
<tr>
<td>X66</td>
<td>number of placed students from Izmir</td>
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<td>X67</td>
<td>number of placed students from Kars</td>
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<td>X69</td>
<td>number of placed students from Kayseri</td>
</tr>
<tr>
<td>X7</td>
<td>type of scholarship</td>
</tr>
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<td>X70</td>
<td>number of placed students from Kirklareli</td>
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<tr>
<td>X71</td>
<td>number of placed students from Kirsehir</td>
</tr>
<tr>
<td>X72</td>
<td>number of placed students from Kocaeli</td>
</tr>
<tr>
<td>X73</td>
<td>number of placed students from Konya</td>
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<tr>
<td>X74</td>
<td>number of placed students from Kutahya</td>
</tr>
<tr>
<td>X75</td>
<td>number of placed students from Malatya</td>
</tr>
<tr>
<td>X76</td>
<td>number of placed students from Manisa</td>
</tr>
<tr>
<td>X77</td>
<td>number of placed students from Kahramanmars</td>
</tr>
<tr>
<td>X78</td>
<td>number of placed students from Mardin</td>
</tr>
<tr>
<td>X79</td>
<td>number of placed students from Mugla</td>
</tr>
<tr>
<td>X80</td>
<td>number of placed students from Mus</td>
</tr>
<tr>
<td>X81</td>
<td>number of placed students from Nevsehir</td>
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<td>X82</td>
<td>number of placed students from Nigde</td>
</tr>
<tr>
<td>X83</td>
<td>number of placed students from Ordu</td>
</tr>
<tr>
<td>X84</td>
<td>number of placed students from Rize</td>
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<tr>
<td>X85</td>
<td>number of placed students from Sakarya</td>
</tr>
<tr>
<td>X86</td>
<td>number of placed students from Samsun</td>
</tr>
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<td>X87</td>
<td>number of placed students from Siirt</td>
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<tr>
<td>X88</td>
<td>number of placed students from Sinop</td>
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<td>X89</td>
<td>number of placed students from Sivas</td>
</tr>
<tr>
<td>X9</td>
<td>general contingency</td>
</tr>
<tr>
<td>X90</td>
<td>number of placed students from Tekirdag</td>
</tr>
<tr>
<td>X91</td>
<td>number of placed students from Tokat</td>
</tr>
<tr>
<td>X92</td>
<td>number of placed students from Trabzon</td>
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<td>X93</td>
<td>number of placed students from Tunceli</td>
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<td>X94</td>
<td>number of placed students from Samsun</td>
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<td>X95</td>
<td>number of placed students from Van</td>
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<td>X97</td>
<td>number of placed students from Yozgat</td>
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<td>X98</td>
<td>number of placed students from Zonguldak</td>
</tr>
<tr>
<td>X99</td>
<td>number of placed students from Aksaray</td>
</tr>
</tbody>
</table>
scores

Source

Yokatlas, YOK (Turkish Higher Education Council)
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