

Tárgytematika / Course Description

Statistics II

KGNB_GETA006

Tárgyfelelős neve /

Teacher's name: dr. Reisinger Adrienn

Félév / Semester: 2020/21/2

Beszámolási forma /

Assesment: Vizsga

Tárgy heti óraszám /

Teaching hours(week): 2/2/0

Tárgy féléves óraszám /

Teaching hours(sem.): 0/0/0

OKTATÁS CÉLJA / AIM OF THE COURSE

By the end of the course, students will have the competence to calculate and analyse higher level of methods of statistical analyses (correlation, regression, trend analyses, confidence intervals and hypothesis testing). Besides making the calculation, the interpretation of the data is also important part of the curriculum.

TANTÁRGY TARTALMA / DESCRIPTION

Time series analyses

Correlation and regression

The essence of scientific researches and sampling

Confidence intervals

Hypothesis testing

SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD

Signature: no requirements

There are two different ways of complying the course:

- 1) to get mid-term grade OR
- 2) to get exam grade

Mid-term grade:

- **Mid-term exam 1: 24 March** max 40 points (topics: Time series analyses; Correlation and regression)
- **Mid-term exam 2: 5 May** max 40 points (topics: Sampling, Confidence intervals and Hypothesis testing)
- **You have to have min. 15 points from each mid-term exams**
- **Making Presentation 1 and Presentation 2** (max. 10 points for each – in case of only upload max. 4 points)
- Presentation 1: 24 February (topic: Trend analyses)
- Presentation 2: 17 March (topic: Correlation and regression)
- **Grade: Mid-term exam 1 + Mid-term exam 2 + Presentation 1 + Presentation 2 = 100 points**
- To get mid-term grade making the presentations is required.
- Five-scale assessment: 43-56: 2; 57-70: 3; 71-84: 4; 85-100: 5
- It is not obligatory to make the mid-term exams, but it is highly recommended.

Exam grade:

- 100 points exam with the whole curriculum of the semester
 - Five-scale assessment: 43-56: 2; 57-70: 3; 71-84: 4; 85-100: 5
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KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Literatures:

The curriculum is the topics which are in the lectures and seminars during the semester.

Additional literatures:

Any other books, homepages related to Statistics