Syllabus MATH 306, Statistical Modelling
Summer 2020-21

1 Instructor
Instructor Mikail Yılan
Email mikail@sabanciuniv.edu
Office FENS 2017

2 Office hours
1. Office hours instructor: Thursday 15.00-17.00.
2. Office hours TA's: by appointment.

3 Time and Venue
1. Lectures
   Zoom Link: https://sabanciuniv.zoom.us/j/9227551179
2. Recitations

<table>
<thead>
<tr>
<th>Section</th>
<th>Day, Time</th>
<th>Teaching Assistant</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>Monday 14.40 - 16.30</td>
<td>Zeynep Kucuksari</td>
</tr>
<tr>
<td>A2</td>
<td>Monday 14.40 - 16.30</td>
<td>Sina Shahri Majarshin</td>
</tr>
<tr>
<td>B1</td>
<td>Wednesday 16.40 - 18.30</td>
<td>Mohammad Khalafi</td>
</tr>
</tbody>
</table>

Section Zoom Link

- A1 Meeting ID: 854 607 6087 and Passcode: E7QV7d
- A2 https://sabanciuniv.zoom.us/j/3080679987
- B1 https://sabanciuniv.zoom.us/j/4047649689

4 Textbook


5 Prerequisite and Corequisite

Prerequisite is a grade at least D for MATH 203. MATH 306R is a corequisite.

6 Course Description

The course covers the material listed below. Chapters refer to the above mentioned textbook.

- Chapter 8: Sampling Distributions (Review)
- Chapter 10: Point Estimation
- Chapter 11: Interval Estimation
- Chapter 12: Hypothesis Testing
- Chapter 13: Test of Hypothesis Involving Means, Variances and Proportions
- Chapter 14: Regression and Correlation . . . and more if time allows

7 Grading

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Midterm</td>
<td>45%</td>
</tr>
<tr>
<td>Final</td>
<td>55%</td>
</tr>
</tbody>
</table>