



Research School for Transport,  
Infrastructure and Logistics

## Course Stated Choice Data Collection

<b>Date:</b>	<b>29 &amp; 30 October 2024</b>
<b>Time:</b>	<b>Day 1: 10.00 – 17.00 h   day 2: 10.00 - 15.00 h</b>
<b>Location:</b>	<b>TU Eindhoven - Vertigo 8.08</b>
<b>Course leaders:</b>	<b>Prof. Soora Rasouli &amp; Valeria Caiati (TUE)</b>
<b>ECTS:</b>	<b>1 (attendance on both days)</b>
<b>Course fee:</b>	<b>Free for TRAIL/Beta/OML members, others please contact the TRAIL office</b>
<b>Registration:</b>	<b><a href="http://www.rstrail.nl">www.rstrail.nl</a></b>

### General aim

Data collection is required in many disciplines including transportation planning, urban planning, and behavioural science in order to validate the formulated conceptual frameworks and statistical models. While collecting data from the real world is one way to move forward, it may come with the problem of obtaining data which is not statistically rigorous and bias free for building statistical models. To rule out certain biased and get more pure causal effect, data collection by designing stated choice experiment is an alternative method. If it is applied correctly, it can guarantee the appropriateness of the data for various analysis.

### This course covers

Data collection methods, stated preference and choice experiment.

### Course programme

#### Day 1

10:00 - 12:30 h: Stated preference and choice models  
12:30 - 13:30 h: Lunch  
13:30 - 17:00 h: Stated preference and choice models

#### Day 2

10:00 - 12:30 h: Working on an example  
12.30 - 13.30 h: Lunch  
13.30 - 15.00 h: Working on an example

### Literature/ material

Hand-outs of the presentations will be given to the participants during lectures.

### ECTS:

Participants of this course will be awarded with 1 ECTS point when they attend all lectures on both course days.

### Prerequisite

Basic knowledge of mathematics and statistics.