

**PROFEEDBACK TRAINING SCHOOL**  
**QUANTITATIVE EVALUATION METHODS**

*Athens, 22 – 24 April 2024*

Schedule			Primary Lecturer
<b>Day 1</b>	<b>Monday, 22 April 2024</b>		
<b>Morning</b>	<b>10:00-13:00</b>		
<b>Lecture</b>	<b>Statistics in evaluations</b> <ul style="list-style-type: none"> <li>● When and what statistics fit evaluation reports?</li> <li>● Reporting statistical analysis in evaluation reports.</li> <li>● Combination with qualitative methods</li> <li>● Q&amp;A (15 minutes)</li> </ul>	1 hour and 30 minutes	<b>Prof. Yiannis C. Bassiakos</b>
<b>Coffee Break</b>	<b>11.30-11:45</b>	15 minutes	
<b>Lecture</b>	<b>Sampling</b> <ul style="list-style-type: none"> <li>● Sampling and power analysis</li> <li>● Various approaches to drawing a sample in evaluations</li> <li>● Size and structure of a sample</li> <li>● Q&amp;A (15 minutes)</li> </ul>	1 hour and 15 minutes	<b>Prof. Yiannis C. Bassiakos</b>
<b>Lunch</b>	<b>13:00-14:00</b>		
<b>Afternoon</b>	<b>14:00-17:00</b>		
<b>Lecture</b>	<b>Testing hypotheses: answering evaluation questions I</b> <ul style="list-style-type: none"> <li>● Univariate analyses:</li> <li>● Two sample problem</li> <li>● Q&amp;A (15 minutes)</li> </ul>	1 hour and 30 minutes	<b>Prof. Yiannis C. Bassiakose</b>
<b>Coffee Break</b>	<b>15:30-15:45</b>	15 minutes	
<b>Lecture</b>	<b>Testing hypotheses: answering evaluation questions II</b> <ul style="list-style-type: none"> <li>● Multivariate methods</li> <li>● What to do with missing data?</li> <li>● Q&amp;A (30 minutes)</li> </ul>	30 minutes	<b>Prof. Yiannis C. Bassiakos</b>

Schedule			Primary Lecturer
<b>Day 2</b>	<b>Tuesday, 23 April 2024</b>		
<b>Morning</b>	<b>10:00-13:00</b>		
<b>Lecture</b>	<b>Why to use counterfactual impact evaluations</b> <ul style="list-style-type: none"> <li>• Causal inference and counterfactual</li> <li>• Selection bias</li> <li>• Randomized assignment</li> <li>• Q&amp;A session (15 minutes)</li> </ul>	1 hour and 30 minutes	<b>Dr. Antonella Rita Ferrara</b>
<b>Coffee break</b>	<b>11.30-11.45</b>	15 minutes	
<b>Lecture</b>	<b>Instrumental variables</b> <ul style="list-style-type: none"> <li>• Imperfect Compliance</li> <li>• Randomized Promotion as an Instrumental Variable</li> <li>• Conditions and limits of the method</li> <li>• Q&amp;A session (15 minutes)</li> </ul>	1 hour and 15 minutes	<b>Dr. Antonella Rita Ferrara</b>
<b>Lunch</b>	<b>13:00-14:00</b>		
<b>Afternoon</b>	<b>14:00-16:30</b>		
<b>Lecture</b>	<b>Regression discontinuity design</b> <ul style="list-style-type: none"> <li>• Difference at a border</li> <li>• Fuzzy and sharp versions of the method</li> <li>• Trade of: Distance and sample size</li> <li>• Conditions and limits of the method</li> <li>• Q&amp;A session (15 minutes)</li> </ul>	1 hour and 30 minutes	<b>Dr. Antonella Rita Ferrara</b>
<b>Coffee break</b>	<b>15:30-15:45</b>	15 minutes	
<b>Lecture</b>	<b>Difference - in difference</b> <ul style="list-style-type: none"> <li>• Two comparisons: two groups, two moments in time</li> <li>• Equal development of the treated and comparison groups</li> <li>• OLS in Difference - in - difference</li> <li>• Conditions and limits of the method</li> <li>• Q&amp;A session (15 minutes)</li> </ul>	1 hour and 15 minutes	<b>Dr. Antonella Rita Ferrara</b>

Schedule			Primary Lecturer
<b>Day 3</b>	<b>Wednesday, 24 April 2024</b>		
<b>Morning</b>	<b>10:00-13:00</b>		
<b>Lecture</b>	<b>Propensity score matching</b> <ul style="list-style-type: none"> <li>• Creating a comparison group</li> <li>• Types of matching</li> <li>• Limits of the method</li> </ul>	1 hour and 30 minutes	<b>Dr. Oto Potluka</b>

	<ul style="list-style-type: none"> <li>• What if I have only one treated subject: Synthetic control method</li> <li>• Q&amp;A session (15 minutes)</li> </ul>		
<b>Coffee break</b>	<b>11:30-11:45</b>	15 minutes	
<b>Lecture</b>	<b>Next step: Structural equation modeling in impact evaluations?</b> <ul style="list-style-type: none"> <li>• Principal component analysis, cluster analysis</li> <li>• Specification of a model through the theory of change</li> <li>• Mediation and moderation in SEM</li> <li>• Q&amp;A session (15 minutes)</li> </ul>	1 hour and 15 minutes	<b>Dr. Oto Potluka</b>
<b>Lunch</b>	<b>13:00-14:00</b>		
<b>Afternoon</b>	<b>14:00-16:30</b>		
<b>Lecture</b>	<b>Importance of right methodological choice to find the right answers in impact evaluations</b> <ul style="list-style-type: none"> <li>• What method to select?</li> <li>• Combination of methods</li> <li>• Ethics in impact evaluations</li> <li>• Q&amp;A session (15 minutes)</li> </ul>	1 hour and 30 minutes	<b>Dr. Oto Potluka</b>
<b>Coffee break</b>	<b>15:30-15:45</b>	15 minutes	
<b>Wrap up lecture</b>	Q&A/ Debriefing Closing session	45 minutes	<b>Dr. Oto Potluka</b>