



HARMONY

Novel tools for test evaluation and
disease prevalence estimation

<https://harmony-net.eu/>

cost
EUROPEAN COOPERATION
IN SCIENCE & TECHNOLOGY

COST ACTION CA18208

Bias in prevalence studies - Training School

Location: Athens, Greece

Dates: 2 – 3 May 2023



This 2-day event is a training school, part of the HARMONY COST Action 18208. Training activities with lectures, hands-on practical sessions and discussion will focus on understanding the risks of bias in epidemiological studies of prevalence. This training school is appropriate for participants with a basic knowledge of epidemiological study designs. English will be the working language of this training. Participants are encouraged to bring their laptops. Introductory material will be provided in advance of the training school.

Funded by the HORIZON 2020
Framework Programme of the
European Union





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Primary learning objectives of the school are that participants:

- Understand the differences between reporting, methodological quality, and risk of bias in prevalence studies
- Recognize the biases that may be present in prevalence studies
- Learn about the principles of meta-analysis of prevalence
- Understand the relevance of prevalence in diagnostic accuracy

Trainers

Name	Institution
<i>Prof. Nicola Low</i>	Institute of Social and Preventive Medicine, University of Bern
<i>Prof. Georgia Salanti</i>	Institute of Social and Preventive Medicine, University of Bern
<i>Prof. Mathias Egger</i>	Institute of Social and Preventive Medicine, University of Bern
<i>Prof. Jonathan Sterne</i>	University of Bristol
<i>Prof. Julian Higgins</i>	University of Bristol
<i>Prof. Yemisi Takwoingi</i>	University of Birmingham
<i>Prof. Zachary Munn</i>	JBI, University of Adelaide
<i>Dr. Anne Rutjes</i>	Researcher University of Modena and Reggio Emilia
<i>Dr. Myrofora Goutaki</i>	Researcher - Institute of Social and Preventive Medicine, University of Bern
<i>Thomai Tonia</i>	Researcher - Institute of Social and Preventive Medicine, University of Bern
<i>Dr. Andreas Haas</i>	Researcher - Institute of Social and Preventive Medicine, University of Bern
<i>Celina Borges Migliavaca</i>	Doctoral Student - Universidade Federal do Rio Grande do Sul
<i>Diana Buitrago-Garcia</i>	Doctoral student - Institute of Social and Preventive Medicine, University of Bern

Trainees

The training school is organized under funding from COST Association and financial support is provided according to COST rules*.

[Selected participants will receive an official invitation from e-COST](#)

[Click here to register](#)

Last day to register: 3 April 2023

***Financial support**

The reimbursement of incurred accommodation, meals, and local travel expenses in the meeting country is paid as one item known as daily allowance [**Greece 193 EUR/day**]. During the training school, all participants have to sign the attendance list for each day to be considered eligible for reimbursement. More information on transport expenses (car travel, airplane/train/bus/ferry travel) can be found [here](#).





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Date	Start	End	Speaker	Title
Room Name: TBA				
Tuesday 2 May 2023	08:45	09:00		Welcome and Introductions
	09:00	09:30	Nicola Low	Reporting, methodological quality and risk of bias
	09:30	10:15	Myrona Goutaki	Practical Exercises
	10:15	10:45		Coffee Break
	10:45	11:15	Diana Buitrago	Selection bias in prevalence studies: Target population
	11:15	12:00	Thomy Tonia	Practical Exercises
	12:00	12:30		Coffee Break
	12:30	13:00	Zachary Munn	Selection bias in prevalence studies: Respondents and non-respondents
	13:00	13:45	Diana Buitrago	Practical Exercises
	13:45	14:30	Jonathan Sterne	Meta-analysis of prevalence studies
	14:30	15:30		End of 1st day – Lunch Break
Wednesday, 3 May 2023	09:00	09:45	Yemisi Takwoingi	Prevalence and diagnostic accuracy studies
	09:45	10:15	Celina Borges	Misclassification bias in prevalence studies - Part 1
	10:15	10:45		Coffee Break
	10:45	11:30	Anne Rutjes	Practical Exercises
	11:30	12:00	Georgia Salanti	Misclassification bias in prevalence studies - Part 2
	12:00	12:30		Coffee Break
	12:30	13:30	Andreas Haas	Practical Exercises
	13:30	14:00		Final thoughts and discussion
	14:00	15:00		End of 2nd day – Lunch Break

