Master of Public Health -
Module Epi-2023-2024
Coordinator: Florence BODEAU-LIVINEC

Week 1

Location: EHESP George Sand site campus in Paris

Disease frequencey				
Monday December 11	Tuesday December 12	Wednesday December 13	Thursday December 14	Friday December 15
Room : GS + PS RdC	Room : GS + PS RdC	Room : GS + PS RdC		
9:00 – 12:00 pm Epidemiology Module presentation Measures of disease frequency I *Florence Bodeau-Livinec*	**9:00 – 12:00 pm** Measures of disease frequency II-Mortality *Florence Bodeau-Livinec*	STATA #1 Group 1 *Shukrullah Ahmadi*	**9:00 am – 11:00 am** STATA #2 Group 1 *Shukrullah Ahmadi*	Diseases : - Cardiovascular diseases - Alzheimer - Mental health - Malaria - HIV - Diabetes - Sexual and reproductive health - TB
12:00 pm Lunch	**12:00 pm Lunch**	**12:00 pm Lunch**		
9:00 – 12:00 pm Roadmap for a survey *Florence Bodeau-Livinec*	**1:00-4:00 pm** Presenting diseases #1 Field survey: Step 1. Questionnaire *Florence Bodeau-Livinec*	**1:00-4:00 pm** STATA #1 Group 2 *Shukrullah Ahmadi*	**1:00-4:00 pm** STATA #2 Group 2 *Shukrullah Ahmadi*	*Descriptive measures* *Study design* *Association* *Causality* *20 minutes each presentation* *Per group. One health professional per group.*

Please note that some small changes could occur

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Study design				
Monday December 18	Tuesday December 19	Wednesday December 20	Thursday December 21	
Room : GS + PS RdC	Room : GS + PS RdC	Room : GS + PS RdC	Room : GS + PS RdC & 310	
9:00 – 12:00 pm **Homework #1 due** **Quiz #1** Case-control studies **Article discussion (Ménégaux et al.)** *Florence Bodeau-Livinec*	Measures of association Lab on measures of association *Florence Bodeau-Livinec*	**9:00 am – 11:00 am** STATA #3 Group 1 *Shukrullah Ahmadi*	**9:00 am – 11:00 am** STATA #4 Group 1 *Shukrullah Ahmadi*	
12:00 pm Lunch	**12:00 pm Lunch**			
Cohort studies **Article discussion (Larroque et al.)** *Florence Bodeau-Livinec*	**1:00-4:00 pm** Field survey. Step 2. Research question. Defining outcome, and exposures of interest. Recoding eventually variables. Defining potential confounding factors *Florence Bodeau-Livinec*	**1:00-4:00 pm** STATA #3 Group 2 *Shukrullah Ahmadi*	**1:00-4:00 pm** STATA #4 Group 2 *Shukrullah Ahmadi*	

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Week 3

SURVEY				
Monday January 29	Tuesday January 30	Wednesday January 31	Thursday February 1st	
	Room : GS + PS RdC		Room : GS + PS RdC & 310	
9:00 – 12:00 pm **Homework #2 due** **Quiz #2** Confounding *Florence Bodeau-Livinec*	**9:00 – 12:00 pm** **Homework #3 due** **Quiz #3** Bias *Florence Bodeau-Livinec* **Article discussion (Tao et al.)**	**9:00 – 12:00 pm** Data collection in the field *Elliott Rogers*	**9:00 – 12:00 pm** Data management and data analysis *Amanda Garrison*	
12:00 pm Lunch	**12:00 pm Lunch**	**12:00 pm Lunch**	**12:00 pm Lunch**	
DAGs Presenting diseases #2 *Florence Bodeau-Livinec*	**1:00-4:00 pm** Presenting diseases #3 Field survey: Step 4. Data analysis plan. 2 tables. 1 DAG. Florence Bodeau-Livinec	**1:00-4:00 pm** Data management and data analysis *Amanda Garrison* *Elliott Rogers*	**1:00-4:00 pm** Data management and data analysis *Amanda Garrison*	

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Bias				
Monday February 5	Tuesday February 6	Wednesday February 7	Thursday February 8	
	Room : GS + PS RdC	Room : GS + PS RdC	Room : GS + PS RdC & 310	
9:00 – 12:00 pm Screening *Florence Bodeau-Livinec* **Article discussion (Hertz-Picciotto et al.)**	Lung cancer case-study. *Florence Bodeau-Livinec*	Puissance Ethics and data protection *Florence Bodeau-Livinec*	**9:00 – 12:00 pm** Randomized controlled trials *Nicole Valtorta*	
12:00 pm Lunch	**12:00 pm Lunch**		**12:00 pm Lunch**	
9:00 – 12:00 pm Causality *Florence Bodeau-Livinec* **Article discussion (Doll et al.)**	1:00-4:00 pm Lab on measures of disease frequency *TBN*	1:00-4:30 pm Presenting diseases #4 STROBE checklist Field survey: Step 5. Interpretation. Checking presentation of data and results. *Florence Bodeau-Livinec*	1:00-4:00 pm Evidence-based public health: Systematic reviews & meta-analysis *Nicole Valtorta*	

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SYNTHESIS AND REVISION				
Monday March 4	Tuesday March 5	Wednesday March 6	Thursday March 7	
	Room : GS + PS RdC	Room : GS + PS RdC		
		Data management and data analysis *Amanda Garrison*	Surveillance and time series analysis Pascal Crépey	
	12:00 pm Lunch			
FINAL EXAM ***Florence Bodeau-Livinec***	1:00-4:00 pm Surveys *Thomas Merly-Alpa*	Data management and data analysis *Amanda Garrison*	**9:00 – 12:00 pm** Burden of disease & attributable risk *Emilie Counil*	

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