

The Rome V Global Epidemiology Study

Tuesday October 20

17:00-17:15	Welcome and Introduction
17:15-17:45	Review and wrap-up of RFGES
17:45-18:15	Overview of the Rome V adult epidemiology survey: rationale, history and timeline, methodology, conduct and potential significance
18:15-18:45	Principal study findings to date:
18:45-19:00	Coffee break
19:00-19:30	Organization and approval process for statisticians: • Statistician approval process. • Statistician tier system and inter-group collaboration and support.
19:30-20:00	Types of papers and analyses possible. Publications Committee and Website submission, review process and dataset transfer policy analysis

Wednesday October 21

08:00-09:00	Contents of the study datasets, variable meaning and scores: “What do we have to work with?”
09:00-09:30	<u>Responsible use of the datasets:</u> • Policy document; • Data Use Agreement: protecting the data? • Use of AI in analyses and in writing manuscript – risk to the data and the integrity of the study • Authorship (review ICMJE guidelines)
09:30-10:30	Statistical considerations I: • How to deal with variation in survey sampling methodology across countries, coverage and representativeness
10:30-10:45	Break
10:45-11:45	Statistical considerations II:

The Rome V Global Epidemiology Study

	- How to deal with 'structural' missingness across countries, incompleteness of information and patterns of missingness (MCAR, MAR, MNAR) within countries; imputation approaches. - Dealing with inconsistencies and errors in data.
11:45-12:45	Statistical considerations III: - Pooling information across countries: pooled prevalence, Mantel-Haenszel approach for pooling contingency tables, meta-analytic approaches, meta regression - Statistical inference: hypothesis driven vs exploratory looks at the data - Conventions for presenting and interpreting results of cross-sectional studies: risks vs odds, tabular and graphical presentations; use of confidence intervals, p-values, and the word 'significance' - Dealing with multiplicity: due to multiple research questions, multiple subgroup analyses; multiple variables
12:45-13:15	Lunch break
13:15-14:15	Statistical considerations IV: - Modeling approaches and considerations: - variable selection [collinearity, confounding and effect modification; mediation analysis] - model fit [regression diagnostics, assessing model assumptions] - Other approaches to non-linear modeling - Conventions for presenting and interpreting results of cross-sectional regression models
14:15-15:00	General discussion and wrap-up
15:00	Adjourn