Introductory course in questionnaire technique and clinimetrics

Day 1: Monday 9-03-26
Location: U157, SDU, Campusvej 55, 5230 Odense

Time	Contents	Pages	Teacher
9.00– 10.00	Introduction to questionnaires - conceptualisation	7-13, 33-35	AØH
10.00 – 11.00	Exercise: Conceptualisation		AØH
11.00 – 12.30	Concepts in questionnaire technique • Observed vs. latent variables • Conceptual frameworks • Reflective and formative models • Scales vs. indexes COSMIN taxonomy and requirements to questionnaire validation	13-17, 35-37 Vodcast Articles on www*	AØH
12.30 – 13.00	*Lunch*		
13.00 – 13.45	How to measure the construct – operationalisation • Preparing items and answer categories	35-37 41-50	AØH
13.45 – 14.30	Exercise: Preparing items and answer categories		AØH
14.30 – 15.00	Structure and design of a questionnaire study Q & A about own study		AØH

* www = see www.clinimetrics.sdu.dk

Day 2: Monday 16-03-26
Location: U145, SDU, Campusvej 55, 5230 Odense

Time	Contents	Pages	Teacher
9.00 – 9.15	Translation and cross-cultural adaptation of a questionnaire	181-184 Vodcast	HHL
9.15 – 10.15	Exercise: Translation and cross-cultural adaptation of a questionnaire		HHL
10.15 – 11.15	Introduction to the development of a new questionnaire • The six steps	30-32, 38-60	HHL
11.15 – 12.30	Introduction to validity and reproducibility	81-84 96-107 111-115 150-181	HHL
12.30 – 13.00	*Lunch*		
13.00 – 14.00	Exercise: Validity and reproducibility		HHL
14.00 – 15.00	Introduction to responsiveness and interpretation	202-215 245-256	HHL
15.00 – 15.15	Introduction to journal club article		HHL
15.15 – 16.00	Q & A about own study		HHL

Day 3: Monday 23-03-26
Location: U145, SDU, Campusvej 55, 5230 Odense

Time	Contents	Pages	Teacher
9.00 – 9.15	Selecting the best questionnaire for a study?	Vodcast	HHL
9.15 – 10.00	Exercise: Questionnaire selection		HHL
10.00 – 11.00	Introduction to risk of bias (RoB) in questionnaires	www	HHL
11.00 – 11.45	Group work: Preparation to journal club	www	HHL
11.45 – 12.15	Plenary: Journal club		HHL
12.15 – 12.45	*Lunch*		
13.00 – 14.00	Group work: COSMIN evaluation of the Neck Disability Index (NDI)	www**	EØ
14.00 – 15.00	Plenary of group work on NDI	www	EØ
15.00 – 15.30	Q & A about own study, evaluation of the course		EØ

** https://www.cosmin.nl/tools/checklists-assessing-methodological-study-qualities/

Suggested textbook and reading
The recommended textbook covering most of the taught subjects is:

Measurement in Medicine. A Practical Guide.
Henrica C. W. de Vet, Caroline B. Terwee, Lidwine B. Mokkink, Dirk L. Knol
Cambridge University Press, 2011.
ISBN 978-0-521-11820-0 Hardback
ISBN 978-0-521-13385-2 Paperback

NB: The book is available in a 'free' electronic version via the university library at SDU and AU.

Additional papers for reading will be available on www.clinimetrics.sdu.dk.

Location
See the lecture plans above.

Lecture notes
Lecture notes, data sets, additional papers etc. will be available on www.clinimetrics.sdu.dk

Requirements for passing the course
Attending the three days is important as all the lectures are followed up with group work. Participants must be physically present, at least 80% of the course (i.e. up to 4 hours of absence are accepted). ***Please notify the course leader if you cannot attend the whole course.***

Please refer to the absence rules at AU here and SDU here.

Teachers

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