

SIG/Committee Name: Psychometrics SIG
Date: 11-02-2020
Co-Chairs: Henrik Eshoj, Frances Yang and Philip Griffiths
Board Liaison: Antoine Regnault

Mission: The goals of the Psychometric SIG are to: 1) advance the science of HRQOL research through the application of psychometric methods; and 2) educate researchers and clinicians on the appropriate use of psychometric methods. The field of psychometrics plays a critical role in HRQOL research. Psychometrics plays a key role alongside qualitative methods to develop and evaluate HRQOL measures. Further, structural equation models provide an incredible methodology for looking at associations among HRQOL variables or to model change over time when there are multiple endpoints or mediating/moderating factors.

Number of SIG Members: 340

Project/Objective	Actions/Deliverables	Project Chair	Project Members	Timeline
Psychometric SIG Survey Google Form to obtain information on what the Psyc SIG members would like this SIG to work with and how to do things in the years to come.	<p>Actions: Link to Survey send to all Psyc SIG members through Teamwork</p> <p>Deliverables: Presentation of Survey results for the Psyc SIG members at the yearly meeting at the ISOQOL conference in San Diego.</p>	Philip Griffiths, Henrik Eshoj	Philip Griffiths, Henrik Eshoj	Fall 2019 (ISOQOL Conference, San Diego)
<p>1. Educational Symposium on Longitudinal Item Response Theory</p> <p>1a. Turn the Educational symposium into a collection of tutorial papers/special issue.</p>	<p>Actions: Symposium proposal submitted January 24st on behalf of the 'Psychometrics' and 'Response Shifts' SIGs.</p> <p>Deliverables: Introduction to the "what, when and how" to use Item Response Theory for longitudinal health data.</p> <p>1a. Actions: Organize and write a letter of inquiry to the Editors of a relevant journal interested in publishing a series of methodological papers on how to use LIRT</p> <p>Deliverables: A collection of tutorial papers on longitudinal Item Response Theory analysis</p>	Henrik Eshoj, Philip Griffiths, Frances Yang	<p>Presenters include Frances Yang, Philip Griffiths, Andrew Trigg, Jacob Bjorner, Berend Terluin, Myriam Blanchin</p> <p>Moderator: Henrik Eshoj</p> <p>Discussant: Carrie Houts</p> <p>1.a) all presenters have agreed to work out a tutorial paper based on their symposium presentation</p>	<p>Fall 2020 (ISOQOL Conference, Prague)</p> <p>1.a: Fall 2020-2021</p>
2. QLR Special Issue on Meaningful Change	<p>Actions: 1) Letter of intent – to be submitted to QLR; 2) Splinter cells with various topics on "meaningful change" will be created. Psyc SIG members who have an interest in the same topic will be put together to explore each of the emerging methodologies and to highlight when</p>	Philip Griffiths	Philip Griffiths, Jan Boehnke, Claudia	2020-2021

	<p>it should be used, its strengths and limitations.</p> <p>Deliverables: a series of publications on the various methodologies for calculating and evaluating meaningful change scores</p>		<p>Guest Editors: to be decided/announced</p>	
3. SIG Newsletter	<p>Action: Newsletter posted for Psyc SIG members through Teamwork.</p>	<p>Henrik Eshoj, Philip Griffiths, Frances Yang</p>	<p>Henrik Eshoj, Philip Griffiths, Frances Yang</p>	<p>In progress for sending out by April 2020</p>
4. SIG Video Series	<p>Action: Through the support of the ISOQOL Board and Staff video interviews related to the collection of Psychometrics SIG papers published in JPRO were completed at the annual conference in San Diego, CA. They are currently being edited into six separate videos. Three of the videos will be about career trajectories in psychometrics and the role of ISOQOL in furthering their careers in QOL research for each interviewee/author. Three other videos will be about methodology and references to the published papers in JPRO.</p>	<p>Frances Yang</p>	<p>Frances Yang</p>	<p>In progress for review by July 2020.</p>