

**SIG/Committee Name: Statistics SIG**
**Date: 6<sup>th</sup> March 2024**
**Leadership: Antoine Regnault, Kim Cocks, Libby L. Floden**
**Board Liaison: Christopher Sidey-Gibbons**

**Mission:** This SIG connects statisticians working in the field of quality of life and provides a platform for communication, interaction and collaboration. Our aim is to identify and progress key areas for research and provide workshops and training for the wider ISOQOL membership.

<b>Project/Working Group/ Initiative Title</b>	<b>Actions/Deliverables</b>	<b>Description</b>	<b>Project Chair(s)</b>	<b>Project Members</b>	<b>Date Executed/ Estimated Timeline</b>
<ul style="list-style-type: none"> <li>Missing data workstream</li> </ul>	<ul style="list-style-type: none"> <li>Consider how best to make use of existing workshop materials</li> <li>Submit for 2024 conference workshop</li> </ul>	Workshop title: Analysis of longitudinal Patient-Reported Outcome (PRO) measures in randomized controlled trials with missing data. This was previously delivered in 2022 and after discussions between the authors was not deemed suitable for virtual delivery so aiming for another face to face workshop this year.	Kim Cocks	Bellinda King-Kallimanis Gina Mazza Andrew Trigg Gill Worthy	Submitted Jan 2024
<ul style="list-style-type: none"> <li>Data visualisation workstream</li> </ul>	<ul style="list-style-type: none"> <li>Create a group to work on a Statistics SIG data visualisation initiative</li> <li>Brainstorm ideas at 2023 conference</li> <li>Workshop/symposium submission for 2025 conference</li> </ul>	A high proportion of members at the meeting were interested in getting this workstream started. Members had the idea to create a very practical session (potentially virtual) consisting of participants being sent data to create a graphic on and then the meeting involving people presenting their different ideas.	Amylou Dueck Lisa Lix	Jane Johnson Ying Li Todd DeWees Brie Noble Oluwagbohunmi Awosoga Stella Ping Wang Jiabi Wen	Met October 2023, aiming for a 2025 conference submission
<ul style="list-style-type: none"> <li>Single item workstream</li> </ul>	<ul style="list-style-type: none"> <li>Create a group to work on this initiative</li> <li>Brainstorm ideas</li> <li>SIG symposium submission for 2024 conference</li> <li>Position paper</li> </ul>	Symposium title: Evaluating tolerability through a single item	John Devin Peipert Jessica Roydhouse Libby Floden	Jennifer Beaumont William Lenderking Antoine Regnault Kim Cocks	Met October 2023 SIG symposium submitted Jan 2024 and accepted
<ul style="list-style-type: none"> <li>Bayesian</li> </ul>	<ul style="list-style-type: none"> <li>Identify SIG-led activities for 2023/2024</li> </ul>	Bayesian analytics to address common issue in patient-reported outcome data presented by SIG members at 2023 conference. Potential workshop under discussion for 2025.	Katie Kunze  Yuelin Li	Rubina Shah  Fran Hu  Andrew Trigg	Symposium presented conference 2023

<ul style="list-style-type: none"> <li>Non-inferiority</li> </ul>	<ul style="list-style-type: none"> <li>Identify SIG-led activities for 2023/2024</li> </ul>	Abstract/paper under discussion	Stacie Hudgens	Gina Mazza Lene Kongsgaard Nielsen Tine Rosenberg	Met October 2023
<ul style="list-style-type: none"> <li>Estimands for PROs</li> </ul>	<ul style="list-style-type: none"> <li>Expand 2022 workshop into a webinar series</li> </ul>	Workshops on the estimand framework have been given at the 2020, 2021 and 2022 annual conferences. In an effort to reach a larger or different audience, this will be made into a series of webinars	Jessica Roydhouse  Libby Floden	Antoine Regnault Rachael Lawrance Corneel Coens	Expected to record April – June 2024

**Concerns/Questions/Comments:**