# QHELP 2021 Online Seminar

**Program, v2021-02-11**

### Monday, March 15 – Programming in R and Shiny

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|---|---|---|
| 10:00 – 11:30 | Martin Losert | Programming in R |
| 13:00 – 14:30 | Florian Wickelmaier | Programming Shiny Apps |
| 15:00 – 18:00 | Students | Exercises: R and Shiny |

### Tuesday, March 16 – Representational Measurement Theory

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|---|---|---|
| 10:00 – 11:30 | Jürgen Heller | Measurement Theory 1 |
| 13:00 – 14:30 | Jürgen Heller | Measurement Theory 2 |
| 15:00 – 16:30 | Students | Exercises: Measurement Theory |
| 17:00 – 18:00 | All Teachers | Introduction to Student Projects |

### Wednesday, March 17 – Knowledge Space Theory, Student Groups

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|---|---|---|
| 10:00 – 11:30 | Luca Stefanutti | Knowledge Space Theory |
| 13:00 – 14:30 | Luca Stefanutti | Qhelp-Knowlab |
| from 15:00 | All Teachers | Assignment to Groups, Individual Group Meetings |

### Monday, March 22 – Planning and Analysis of Interventional Studies

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|---|---|---|
| 10:00 – 11:30 | Matthias Gondan | Interventional Studies 1 |
| 13:00 – 14:30 | Matthias Gondan | Interventional Studies 2 |
| 15:00 – 16:30 | Students | Exercises: Interventional Studies |

### Tuesday, March 23 – Numerical Methods for Statistical Inference

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|---|---|---|
| 10:00 – 11:30 | Francis Tuerlinckx | Numerical Methods 1 |
| 13:00 – 14:30 | Francis Tuerlinckx | Numerical Methods 2 |
| 15:00 – 16:30 | Students | Exercises: Numerical Methods |

### Saturday, May 15 – Presentation of Student Projects

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|---|---|---|
| 09:00 – 10:30 | Students | Short Presentations |
| 11:00 – 12:30 | Students | Short Presentations |
| 14:00 – 15:30 | Students | Short Presentations |