META-ANALYSIS

A GSBRC workshop for social, behavioural and humanities researchers and doctoral candidates

WORKSHOP

Meta-analysis is a specific type of systematic review, which attempts to answer quantitative questions about effect sizes such as correlations, mean differences, or odds-ratios. As such, meta-analyses provide the foundation for subsequent research, which is why many of the most highly-cited scientific papers are meta-analyses.

In this workshop, I will provide an overview of the nature and underlying logic of meta-analysis, from formulating research questions to presenting and interpreting meta-analytic results. The actual statistical techniques used are relatively simple, and most meta-analyses can be conducted using nothing more complicated than Excel, although we will discuss purpose-built software alternatives. Most of the focus will instead be upon meta-analysis as a means of reconsidering a field of research using quantitative tools.

Participants will only need a basic understanding of inferential statistics, such as how to interpret correlations, analysis of variance, odds-ratios, survival ratios, etc. We will attempt to work with actual examples of meta-analyses, so it will be useful to bring copies of research studies on topics that you have identified. If you want a highly-cited paper, meta-analysis may be your best choice for your next project.

WORKSHOP LEADER

Dr Arthur Poropat is a member of the Centre for Work, Organisation and Wellbeing, and has worked with staff across Griffith University. With a background in human resource management and organisational psychology, Arthur researches on the relationship between personality and performance management, in both educational and employment settings. He has published a series of meta-analyses, including one of Griffith University’s top 100 most cited papers, including:


REGISTRATION

Limited to 25 participants

Please indicate your Research Centre or Academic Element on your emailed request to attend and advise if you have any specific dietary requirements as morning tea will be served. gsbrc@griffith.edu.au or phone (07) 37351186

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<tr>
<th>Date</th>
<th>Thursday 9 October 2014</th>
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<tbody>
<tr>
<td>Time</td>
<td>9:30 am to 12:30 pm</td>
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<tr>
<td>Venue</td>
<td>Nathan campus</td>
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