

# NIHR CRSU

Complex Reviews Support Unit

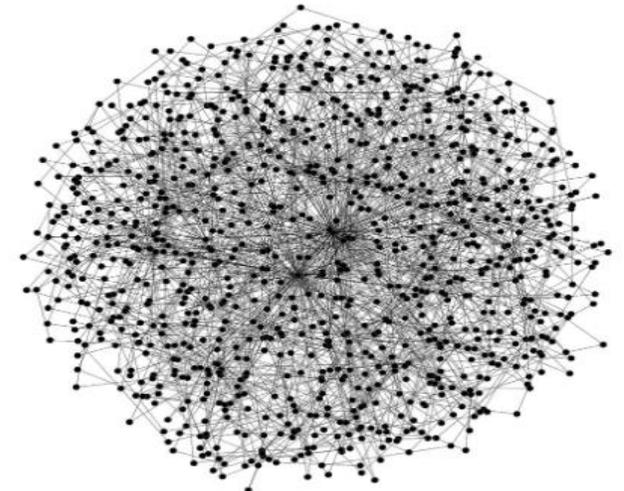
**MetaInsight:** an interactive web-based tool for analysing and visualizing network meta-analyses

- freely available
- no specialist software required
- 'point and click'

Rhiannon K Owen, Naomi Bradbury, Yiqiao Xin,  
Nicola Cooper, and Alex Sutton

MetaInsight (continuous) V1.1\*\* [Beta](#)

[For binary outcomes please click here.](#)



Rhiannon K Owen, Naomi Bradbury, Yiqiao Xin, Nicola Cooper, and Alex Sutton

For feedback/questions about this app please contact [rhiannon.owen@le.ac.uk](mailto:rhiannon.owen@le.ac.uk)

App powered by Rshiny. All frequentist statistical calculations are performed using netmeta pa

For users wishing to analyse large treatment networks or fit complex network meta-analysis m



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## MetaInsight demonstration

If you would like to follow the demo on your own device please scan the QR code

or go to: <https://crsu.shinyapps.io/metainsightc/>

or  metainsight crsu

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**NIHR CRSU - Complex Reviews Support Unit - Materi**  
[www.nihrcrsu.org/guidance/network\\_meta-analysis/](http://www.nihrcrsu.org/guidance/network_meta-analysis/) ▼

**MetaInsight** is a new tool that is freely available and that conducts network the web requirina no specialist software for the user to install ...



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### **MetaInsight – Bayesian:** under development

- Powered by R GEMTC package
- It can provide:
  - forest plots of the results compared to reference treatment,
  - comparisons of relative treatment effects for all possible treatment pairs,
  - a ranking table based on the probability for each treatment to be the best, and
  - model convergence check using the Gelman-Rubin convergence assessment plot.

[https://glasgowhehta.shinyapps.io/MetaInsight\\_continuous\\_Bayesian/](https://glasgowhehta.shinyapps.io/MetaInsight_continuous_Bayesian/)

# Practical II - MetaInsight

Download data from:

[http://www.nihrcrsu.org/workshops/cochrane\\_symposium2019/](http://www.nihrcrsu.org/workshops/cochrane_symposium2019/)

Or: search 'nihr crsu' in google, to go to the CRSU webpage, then click 'CRSU Workshops and Presentations', then click 'NIHR CRSU Workshop, Cochrane Symposium 2019', to download the data files

If you can unzip a folder (e.g. laptop)	If you can't unzip a folder (e.g. pad, phone)
Download the zip folder, which contains: Data_3treatments.csv Data_full.csv Data_3treatments.txt Data_full.txt	Download three xlsx files: Data_3treatments.xlsx Data_full.xlsx Treatment labels.xlsx After files are downloaded, please save the 'Data_3treatments.xlsx' and 'Data_full.xlsx' in 'csv (Comma delimited)' format.