



EVIDENCE SYNTHESIS IRELAND

Introduction to Risk of Bias 2.0 (Online – 2 x ½ days)

Aim:

To introduce the Risk of Bias 2.0 (RoB 2) tool, describe the risk-of-bias domains it considers, provide an overview of how the tool should be applied, and support the application of the tool.

Learning Outcomes:

In this course, participants will be enabled to:

- Describe the key concepts of the RoB 2 tool
- Apply the revised RoB 2 in their reviews

Target Audience:

Healthcare professionals, academics, researchers, decision-makers and Evidence Synthesis Ireland Fellows new to risk-of-bias assessment or who have performed risk-of-bias assessments before but are new to the RoB 2 tool.

Teaching strategies:

The workshop will consist of a mixture of presentations and practical sessions, along with a protected period for Q&A at the end. The practical sessions will be built around a practical “hands-on” risk-of-bias assessment.

Date:

**24th & 25th
November 2022**

Time:

10:00am – 1:00pm

Skill level:

Beginner

Facilitator:

Luke McGuinness
National College of Ireland

Places:

**30 places available for
individuals who are
resident in Ireland and
Northern Ireland**

Fee:

**€100 (General)
€50 (Student)**

email: esi@nuigalway.ie  [@EvidSynIRL](https://twitter.com/EvidSynIRL) [#evidencesynthesis](https://twitter.com/evidencesynthesis)



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I R E L A N D

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Course content/timetable

PROGRAMME - Day 1 - 24th November 2022		
Time	Session Title	Session Description
1000 – 1100	Session I	This session will: <ul style="list-style-type: none">• Define “bias” in the context of RoB 2• Introduce the new RoB 2 tool and highlight differences from the established tool• Provide a summary how the tool is applied (preliminary considerations, signalling questions and judgement algorithms)• Introduce Domain 1 (Bias arising from the randomisation process), and walkthrough the domains Signalling Questions and algorithm
1100 – 1130	Practical I	This practical will: <ul style="list-style-type: none">• Familiarise attendees with the preliminary steps of the RoB 2 tool• Give participants an opportunity to apply Domain 1 to an example study
1130 – 1145	Coffee Break	
1145 – 1215	Session II	This session will: <ul style="list-style-type: none">• Discuss effects of interest• Introduce Domain 2 (Bias due to deviations from the intended interventions), and walkthrough the domains Signalling Questions and algorithm
1215 – 1245	Practical II	This practical will: <ul style="list-style-type: none">• Provide participants with an opportunity to apply Domain 2 to an example study
1245 – 1300	Q&A	Protected time for attendee questions

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PROGRAMME - Day 2 – 25th November 2022		
Time	Session Title	Session Description
1000 – 1100	Session III	This session will: <ul style="list-style-type: none">• Introduce Domain 3 (Bias due to missing outcome data), and walkthrough the domains Signalling Questions and algorithm• Introduce Domain 4 (Bias in measurement of the outcome), and walk through the domains Signalling Questions and algorithm
1100 – 1130	Practical III	This practical will: <ul style="list-style-type: none">• Provide participants with an opportunity to apply Domains 3 & 4 to an example study
1130 – 1145	Coffee Break	
1145 – 1215	Session IV	This session will: <ul style="list-style-type: none">• Introduce Domain 5 (Bias due in selection of the reported result), and walkthrough the domains Signalling Questions and algorithm• Describe considerations when reaching an overall judgement• Discuss how results of ROB2 assessments should be used/presented in the review• Introduce tools to support users in applying and visualising the results of RoB 2
1215 – 1245	Practical IV	This practical will: <ul style="list-style-type: none">• Provide participants with an opportunity to apply Domain 5 to an example study• Encourage users to consider how the results of the example assessment could be used in a systematic review• Allow attendees to practice with some of the tools described in Session IV
1245 – 1300	Q&A	Protected time for attendee questions

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