



Writing a manuscript for educational research and responding to reviewers

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Writing a manuscript for educational research



Write a manuscript

- What is the word limit?
- Does the journal provide a template?
- What are the instructions for author?
- Can you follow the instructions, or do you need help?
 - Does it require technical tools?
- What is the typical writing style for the journal?



Activity 12: Instructions for author

- Select a prospective journal
- Read the instructions for author and other things pertaining to preparing your manuscript carefully
- Answer the questions on the previous slide
- Look at an article from the journal
- Does it follow all the instructions?



Introduction and literature review

- Always include articles from that journal
- What are typically covered in the introduction/review?
 - Theoretical background
 - Research framework
- Identify gaps
- Explain how your research addresses them
- Write clear research questions

Activity 13: ChatPDF - Chat with any PDF!

- Select an educational research article from a prospective journal
- Download the PDF file and upload it to ChatPDF
- Chat with it to know more about:
 - Theoretical background / framework
 - Research purposes / questions
 - The innovation / intervention
 - Results

Activity 14: ChatPDF and generative AI

- Select 3 related educational research articles
- Download the PDF file and upload it to ChatPDF
- Let it summarize and copy them to a generative AI
- Let the AI combine the summaries
 - Make sure that the combined summary is well written (connected and coherent)

Methodology

- Describe everything clearly
 - Research design
 - Methodology
 - How does it help answer the research questions?
 - Sample/participant selection
 - Ethical considerations
 - Intervention
 - Data collection and research instruments
 - Data analysis



Activity 15: Methodology

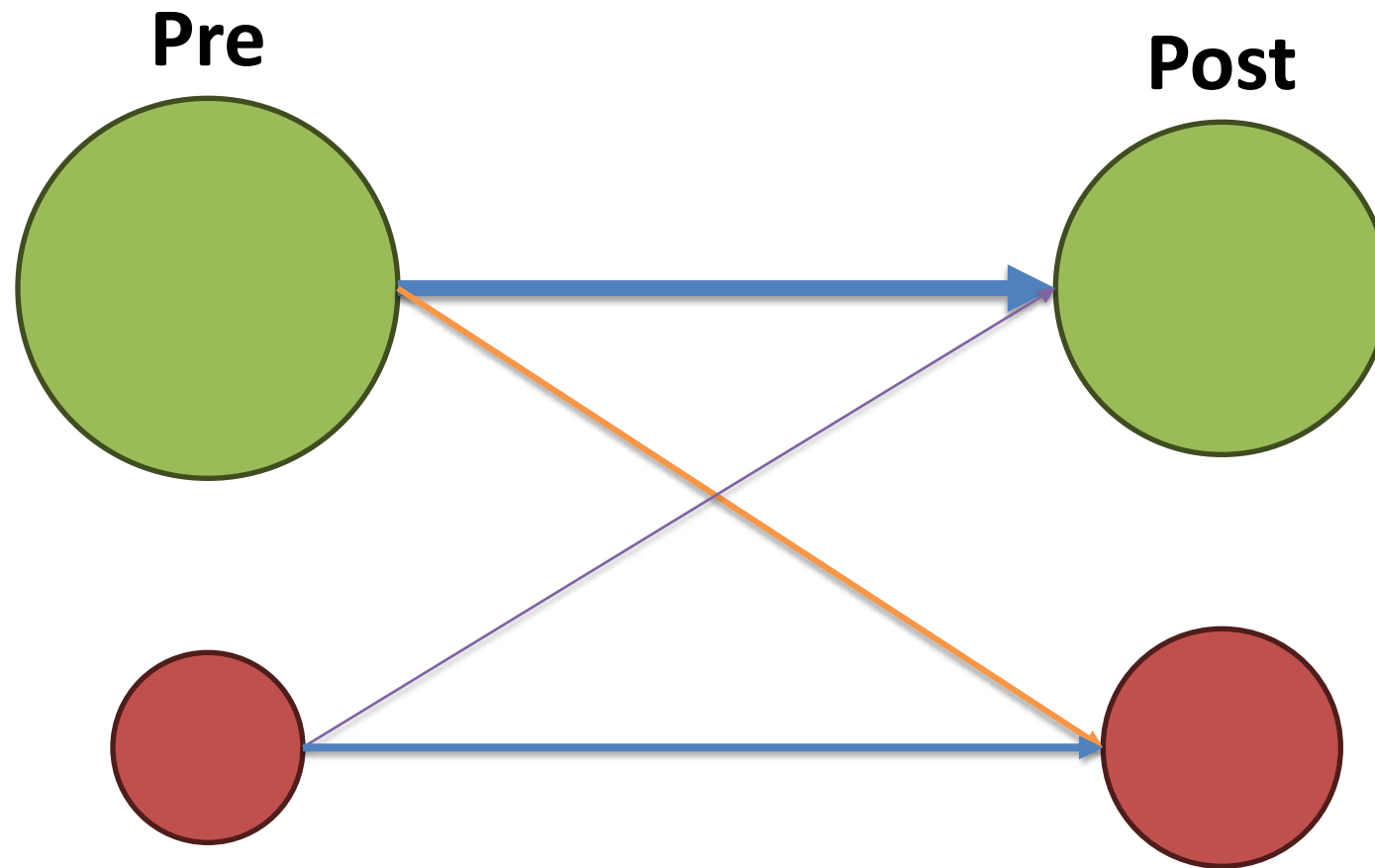
- Select an educational research article
- Selection one subsection in methodology
- Discern the style of writing that subsection
- Write your own subsection from Session 2 in that style



Present your findings

- Help user visualize the findings
 - Are there innovative ways to present the findings?
- Some qualitative results can be visualized
- Find ways to use diagrams
- Make your tables look professional
- Strictly comply to the instructions for authors
 - Table format
 - Figure resolution and format

Diagram example





Discuss your findings

- How does the intervention lead to the results?
- Any evidence to support that?
 - Instances in class
 - Interview
- Can they be explained with the theory that you review?
- Are they comparable to the results of others?
- What are the implications of your findings?



Manuscript submission

- Is it an automated system or through email?
- Does it require a cover letter?
- Does it require a running title?
- What file formats are allowed?
- Are there other restrictions on the files?
- Can you prepare the files properly?
- What applications are needed?



How can AI improve your writing?

- Generate/brainstorm idea
- Plan your writing
- Detect grammatical errors
- Give writing suggestions
- Combine writings from several authors
- Rewrite with specific tone and style
- Translate from other languages, especially Thai



Activity 16: Brainstorming with AI

- Let a generative AI pretend to be 3 instructors discussing about ideas to improve teaching and learning in a certain topic
- Does it give you any idea for your own teaching?
- Can it turn into a research topic?



Ethical considerations about AI

- How much does a generative AI contribute to your research?
 - How much is too much?
- Should we include it as a coauthor?
- How much should we disclose its use in the research process?



Responding to reviewers



Respond to reviewers

- Is there any template for the responses?
- How many extra files do you need to prepare?
- Do the reviewers address the same point?
- Do you totally disagree with a reviewer?
- Does the editor give addition comments?
- Do you need another cover letter?

Activity 17: Addressing reviewers' comments

- ReviewerComments.txt contains the comments from 3 reviewers to the first submitted version of the manuscript
- Ask a generative AI to combine and summarize the comments so that the same points are not repeated and suggest how to improve the article