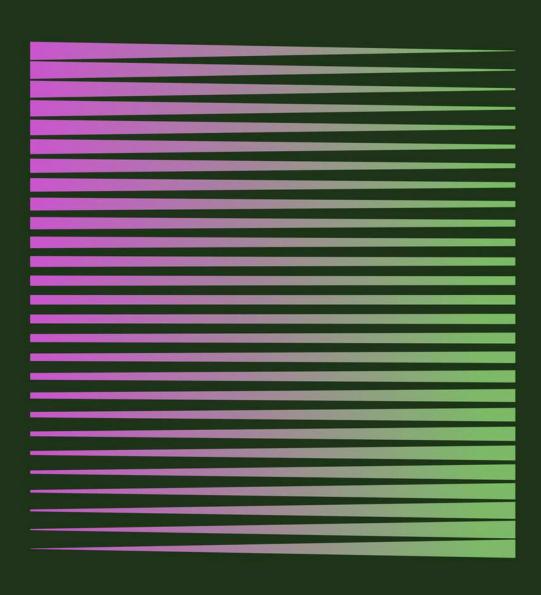# How to use ChatGPT...
in academic research

1. Creating synthesis

First send ChatGPT the abstracts or introductions most relevant to your paper.

> **JU** You will act as a university professor in accounting. I will first share three studies and you will acknowledge receipt. Once you have acknowledged receipt, I will ask you questions about the studies I shared.
>
> Black et al. (2014): <Text>
>
> White al. 2018: <Text>
>
> Brown et al. (2022): <Text>

> I acknowledge receipt of the three studies.

Then ask for a comprehensive summary for each study.

> **JU** For each study, describe the purpose and findings, as well as benefits and pitfalls of their approach. Create some of tension in your argumentation.

> et al. (2014): The purpose of this study is to gather descriptive evidence on the nature of concerns expressed by investors, analysts, and creditors regarding cross-firm
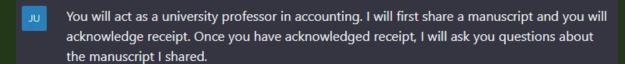
You can be more specific, too.

> **JU** For each study, describe how their empirical approaches are exposed to Type I and Type II errors.

> Type I Error: The authors mention that the 1.08% figure likely overstates the concern for

> Type II Error: On the other hand, the 1.08% figure might underestimate the investor concern

2. Identify style

First submit your favorite introduction to ChatGPT.

> **JU** You will act as a university professor in accounting. I will first share a manuscript and you will acknowledge receipt. Once you have acknowledged receipt, I will ask you questions about the manuscript I shared.
>
> Text: <Your favorite article>

> Received, thank you for sharing the manuscript. I am ready to answer any questions you may have regarding the content of the manuscript.

Then ask ChatGPT to identify the style of the introduction.

> **JU** Describe in detail the writing style of the manuscript. Ignore the subject matter.

> The writing style of the manuscript can be described as academic and technical. The authors present their findings through an investigation and analysis of prior research, as well as their own research. The language used is formal and technical, including terms such as "audit strategy", "financial statements", "expanded model of audit reporting", and "risk disclosures". The writing is structured, with clear headings and subheadings to help organize the discussion and present the information in a clear and concise manner. The authors present their findings objectively, without expressing opinions or biases, and provide evidence to support their conclusions. The manuscript is written in a straightforward and straightforward manner, with an emphasis on clear and concise presentation of information.

3. Revise style

Tell ChatGPT to apply the recognized style to another introduction.

> **JU** Use the style you describe above to revise the following text:
>
> Text: \<Manuscript to be revised\>

> 🌀 Revised text:
>
> 1. Introduction

Add more tension because Reviewer 2 wants it…

> **JU** Add more tension to the text, but keep it academic.

> 🌀 Introduction

… Or rhetorical devices to grab the reader's attention.

> **JU** Add analogies, examples, and one rhetorical question.
>
> affect their risk-taking behavior. For instance, option-based compensation may incentivize risk-taking, while cash bonuses and restricted stock grants may deter it.
>
> But what motivates executives to take risks in the first place? The paper suggests that factors

4. Finding weak spots

Tell ChatGPT to act as an academic reviewer for your own text.

> **JU** You act as an academic reviewer. Find six weaknesses (e.g., writing, argumentation, style, grammar, logic, flow, use of references, etc.) from the following text. Illustrate each weakness with an example from the text.
>
> Text: <Your colleague's new manuscript>

> 1. Writing style: The writing is overly formal and uses technical jargon, making it difficult for
>
> 2. Argumentation: The argument is not clear and the author does not provide a clear thesis
>
> 3. Grammar: The text contains several grammatical errors, such as misspelled words. For
>
> 4. Logic: The text lacks clear and logical transitions between sections, making it difficult to

Be constructive and ask ChatGPT for suggestions how to improve the text.

> **JU** For each point, rewrite the example to conform the corresponding critique.
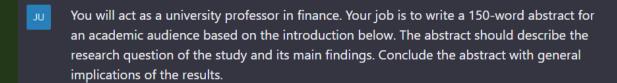
> 1. Writing:
>   Example: "The new audit reporting framework requires auditors to disclose the matters
>
>   Rewritten: "The new framework for audit reporting mandates auditors to disclose significant

5. Create abstract & title

First submit the introduction of your paper to ChatGPT. Ask for an abstract.

> **JU** You will act as a university professor in finance. Your job is to write a 150-word abstract for an academic audience based on the introduction below. The abstract should describe the research question of the study and its main findings. Conclude the abstract with general implications of the results.
>
> Text: <Your introduction>

> The paper examines the relationship between CEO and CFO age and bank risk-taking. Building upon prior studies on the relationship between age and risk tolerance, the study tests the hypothesis that a negative relationship exists between executive age and bank risk-

You can ask for a revision of the style ...

> **JU** Make the abstract focus more on the empirical results.

> **JU** Be less speculative

… or ask for suggestions for the title of the study.

> **JU** Create five suggestions for the title of the study. The titles should be snappy but professional.

> 1. "The Age-Risk Connection in Banking: CEO and CFO Perspectives"
> 2. "Risk Tolerance and Executive Age in the Banking Industry"
> 3. "Navigating Risk: The Impact of CEO and CFO Age on Bank Decision-Making"
> 4. "From Young Boldness to Older Conservatism: Bank CEO and CFO Age and Risk-Taking"
> 5. "Executive Age and Bank Risk-Taking: Exploring the Link"