

General Understanding

- “Summarize this academic paper in simple terms.”
 - “What is the main argument or hypothesis of this paper?”
 - “List the key findings and conclusions.”
 - “What methodology was used in this study?”
 - “Explain the abstract in plain language.”
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Section-Specific Analysis

- “Summarize the introduction and its research context.”
 - “Break down the results section and highlight key data.”
 - “What are the limitations mentioned in the discussion?”
 - “What future research directions are suggested?”
 - “Compare the literature review with recent studies.”
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Critical Thinking & Evaluation

- “Is the methodology appropriate for the research question?”
 - “What are the strengths and weaknesses of this study?”
 - “Does the data support the conclusions?”
 - “Are there any biases or conflicts of interest?”
 - “How does this paper contribute to its field?”
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Citation & Reference Help

- “Generate a citation for this paper in APA/MLA/Chicago style.”
 - “List all references cited in this paper.”
 - “Which sources are most influential in this study?”
 - “Find related papers that cite this article.”
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Contextual & Comparative Prompts

- “How does this paper compare with [Author, Year]?”
 - “What are the implications of this study for [specific field]?”
 - “Is this paper relevant to [specific topic or application]?”
 - “Summarize this paper for a medical student / clinician / policymaker.”
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Language & Translation Support

- “Translate the abstract into Thai.”
- “Paraphrase the conclusion for a lay audience.”
- “Explain technical terms used in this paper.”
- “Simplify this paragraph for ESL readers.”

Quick Guide: Using AI to Read Academic Papers

สำหรับอาจารย์และบุคลากรทางการแพทย์

Faculty & Clinicians

1. Understand the Paper

Prompt:

- “Summarize this paper in plain language.”
- “What is the main argument or hypothesis?”
- “List the key findings and conclusions.”

คำสั่งที่ใช้กับ AI:

- “สรุปบทความนี้เป็นภาษาง่าย”
- “บทความนี้เสนอแนวคิดหลักอะไร”
- “ผลการศึกษาและข้อสรุปคืออะไรบ้าง”

2. Analyze Specific Sections

Prompt:

- “Explain the methodology used.”

- “Summarize the results section.”
- “What limitations are discussed?”

คำสั่งที่ใช้กับ AI:

- “อธิบายวิธีวิจัยที่ใช้ในบทความนี้”
- “สรุปผลการศึกษาในส่วน Results”
- “บทความกล่าวถึงข้อจำกัดอะไรบ้าง”

3. Support Teaching or Clinical Use

Prompt:

- “Summarize this for medical students.”
- “Explain the clinical relevance.”
- “Create a slide with key takeaways.”

คำสั่งที่ใช้กับ AI:

- “สรุปบทความนี้สำหรับนักศึกษาแพทย์”
- “บทความนี้มีความเกี่ยวข้องกับการรักษาอย่างไร”
- “สร้างสไลด์สรุปประเด็นสำคัญ”

4. Translate or Simplify

Prompt:

- “Translate the abstract into Thai.”
- “Paraphrase the conclusion for a lay audience.”
- “Explain technical terms.”

คำสั่งที่ใช้กับ AI:

- “แปลบทคัดย่อเป็นภาษาไทย”
- “ถอดความบทสรุปให้คนทั่วไปเข้าใจง่าย”

- “อธิบายคำศัพท์เฉพาะทาง”
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Tips for Effective Use

- Use clear, specific prompts
- Combine prompts for deeper insight
- Always review AI output for accuracy

Slide 1: Title Slide

Title: Using AI to Read Academic Papers

Subtitle: Quick Guide for Faculty & Clinicians

(Add presenter name, institution, or date as needed)

Slide 2: Why Use AI Assistance?

- Save time on complex papers
 - Simplify technical language
 - Support teaching, clinical decisions, and research
 - Enhance accessibility for diverse learners
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Slide 3: Understand the Paper

English Prompts:

- “Summarize this paper in plain language.”
- “What is the main argument or hypothesis?”
- “List the key findings and conclusions.”

คำสั่งภาษาไทย:

- “สรุปบทความนี้เป็นภาษาง่าย”
 - “บทความนี้เสนอแนวคิดหลักอะไร”
 - “ผลการศึกษาและข้อสรุปคืออะไรบ้าง”
-

Slide 4: Analyze Specific Sections

English Prompts:

- “Explain the methodology used.”
- “Summarize the results section.”
- “What limitations are discussed?”

คำสั่งภาษาไทย:

- “อธิบายวิธีวิจัยที่ใช้ในบทความนี้”
 - “สรุปผลการศึกษาในส่วน Results”
 - “บทความกล่าวถึงข้อจำกัดอะไรบ้าง”
-

Slide 5: Support Teaching or Clinical Use

English Prompts:

- “Summarize this for medical students.”
- “Explain the clinical relevance.”
- “Create a slide with key takeaways.”

คำสั่งภาษาไทย:

- “สรุปบทความนี้สำหรับนักศึกษาแพทย์”
 - “บทความนี้มีความเกี่ยวข้องกับการรักษาอย่างไร”
 - “สร้างสไลด์สรุปประเด็นสำคัญ”
-

Slide 6: Translate or Simplify

English Prompts:

- “Translate the abstract into Thai.”
- “Paraphrase the conclusion for a lay audience.”
- “Explain technical terms.”

คำสั่งภาษาไทย:

- “แปลบทคัดย่อเป็นภาษาไทย”

- “ถอดความบทสรุปให้คนทั่วไปเข้าใจง่าย”
 - “อธิบายคำศัพท์เฉพาะทาง”
-

✦ Slide 7: Tips for Effective Use

- Use **clear, specific prompts**
- Combine prompts for deeper insight
- Always **review AI output** for accuracy
- Adapt responses for your audience (students, clinicians, researchers)

Additional topics discussed in the document are:

- Public health interventions for cannabis use
- Impact of cannabis legalization on youth
- Economic implications of cannabis legalization

(Generated from PDF)

what are the strengths and weaknesses of this study?: ### Strengths

- **Quantitative Analysis**: The study uses a quantitative projection model to assess the net health effects of cannabis legalization, providing measurable data on quality-adjusted life years (QALYs) lost or gained.
- **Comprehensive Approach**: It synthesizes various health outcomes related to cannabis use and contamination, offering an integrated assessment of the impacts of legalization.
- **Relevance**: The findings are timely and relevant given the recent legalization of recreational cannabis in Germany, addressing public health concerns and informing policy decisions.

Weaknesses

- **Model Limitations**: The study does not account for regional differences in consumption trends or enforcement, which may lead to varying impacts across Germany.
- **Assumptions**: The analysis relies on assumptions regarding the probability and severity of harm, which may not fully capture the complexities of real-world health outcomes.

- **Lack of Broader Impact Assessment**: It does not examine potential societal effects like changes in crime rates or economic impacts from job creation in the cannabis industry, which could influence the overall assessment of legalization's effects.

what population was used in this study?: **Population Used in the Study**

- The study primarily focuses on the adult population in Germany, specifically targeting individuals aged 18 and older who are potential users of cannabis.

- It estimates that approximately 4 million adults in Germany have used cannabis at least once in the past 12 months, which serves as the baseline for projecting increases in consumption following legalization.

- Additionally, the study includes adolescents aged 12–17, as it notes around 340,000 adolescents have also used cannabis within the same timeframe. However, the legal framework restricts cannabis use and possession for individuals under 18.

Population Characteristics

- **Age Group**: The study focused on young drivers aged 18 to 24 years.

- **Location**: Participants were recruited from Ontario, Canada.

- **Inclusion Criteria**: Eligible participants were those who owned a smartphone, held a valid driver's license, had access to a vehicle, and reported driving under the influence of cannabis (DUIC) three or more times in the past three months.

- **Sample Size**: A total of 102 young drivers participated in the pilot randomi...

Key Findings

- **Positive Reception**: The formative and acceptability evaluations indicated that High Alert was well-received by youth. Most participants were willing to engage with the program and recommend it to peers, with high ratings for content and delivery compared to static infographics used in the control group.

- **Preliminary Efficacy**: The outcome evaluations suggested that High Alert had preliminary efficacy in reducing cannabis-impaired driving behavior, especially in insta...