Summary Slide Guide

1 Overview

The purpose of this slide is to communicate your research findings in a concise, visually compelling format to both NLR scientists and the rest of the class.

2 Slide Layout

Your slide should have the following components:

- **Title**: Clear and informative
- **Research Question**: Highlight your question prominently so it frames everything that follows.
- **Methodology/Approach**: Include a very brief overview of how you analyzed the data or selected your cells.
- **Key Results**: Use 1–2 visuals (plots or graphs) summarizing the main findings. Keep these visuals straightforward and avoid clutter.
- **Conclusion**: A succinct takeaway from your findings, ideally answering the research question directly or identifying new questions raised.

Your slide should be made in Google Slides. To submit it to Canvas, download it as a PDF and then upload it to the “Team Project Summary Slide” assignment.

3 Slide Grading Rubric

Criterion	Excellent	Proficient	Developing	Needs Improvement
Research Question	The question is precise, well-defined, and directly guides the slide’s content.	The question is clear and mostly focused, with minor gaps in alignment with the slide content.	The question is somewhat vague or broad but can be identified in the slide.	The question is unclear, too broad, or absent, making it difficult to understand the slide’s focus.
Description of Analysis	Description of analysis is presented, well-organized, and directly relevant to the research question, with clear methods and rationale shown.	Description of analysis is clearly presented and relevant to the question, though it may lack key components or organization in parts.	Description of analysis is presented but very limited or disorganized, with relevant points that lack clarity.	Description of analysis is unclear, disorganized, or minimally relevant, making it difficult to understand its connection to the research question.
Visual Presentation of Data	Visuals are highly relevant, clear, well-labeled, and	Visuals are mostly clear and relevant, though	Visuals are somewhat relevant but may	Visuals are unclear, poorly labeled, irrelevant,

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	enhance understanding.	some minor clarity or labeling issues may be present.	lack clarity, proper labeling, or sufficient alignment with the question.	or absent, hindering understanding.
Conciseness	Information is concise, with appropriate level of text and no clutter; content is presented efficiently and clearly.	Information is mostly concise, though minor areas may have slightly excessive text or clutter.	Information contains some clutter or excessive text, detracting from clarity and making it harder to focus on key points.	Information is overwhelmingly cluttered or unclear, obscuring the main points.
Scientific Conclusions	Conclusions are logically derived from data, well-supported, and directly address the research question with thorough analysis.	Conclusions are generally well-supported by data, though some generalization or gaps in depth may be present.	Conclusions are loosely based on data with limited support, addressing only part of the research question.	Conclusions are unsupported, unrelated to data, or lacking in scientific rigor altogether.