

# Identifying relationships among catchment land cover characteristics, active layer properties and lake hydroecology in Old Crow Flats, Yukon, Canada

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## Introduction

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## Study Site

Here is a map made to show the study site using `ggplot2`, `ggspatial`, and `sf`. Lorem ipsum dolor sit amet, [MSS] consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Phasellus vestibulum lorem sed risus ultricies tristique nulla. Mauris vitae ultricies leo integer malesuada nunc vel risus commodo. Suspendisse potenti nullam ac tortor vitae. Enim nunc faucibus a pellentesque sit amet porttitor eget.

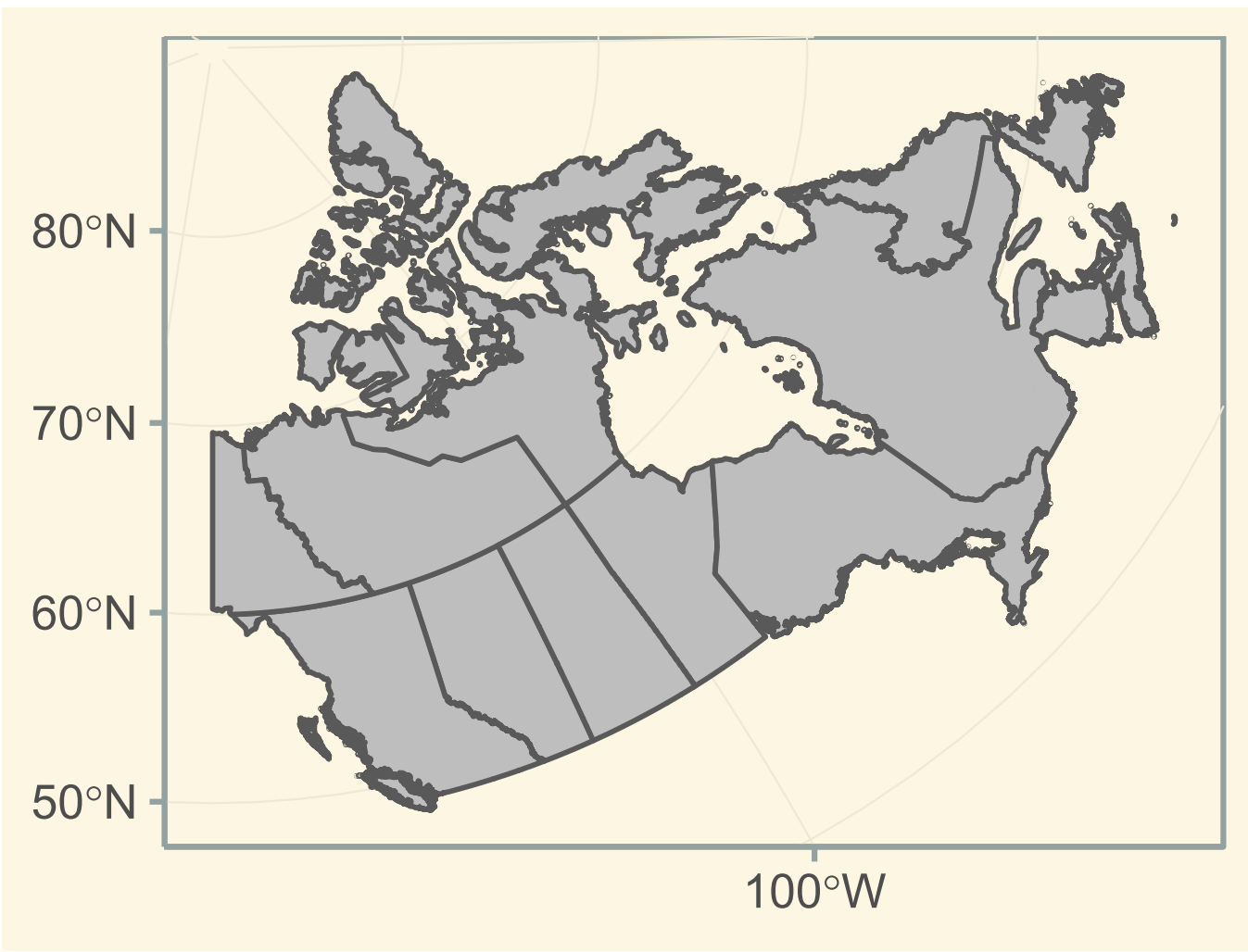


Figure 1: This is a map of Canada, projected using the NAD 83 UTM Zone 7 Datum.

## Objectives

1. Here is my first obective.
2. Here is my second objective.
3. Finally, my third objectives.

## Methods

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## Results

Table 1: Hopefully this works without much of a headache!

| Sepal.Length | Sepal.Width | Petal.Length | Petal.Width | Species |
|--------------|-------------|--------------|-------------|---------|
| 5.1          | 3.5         | 1.4          | 0.2         | setosa  |
| 4.9          | 3.0         | 1.4          | 0.2         | setosa  |
| 4.7          | 3.2         | 1.3          | 0.2         | setosa  |
| 4.6          | 3.1         | 1.5          | 0.2         | setosa  |

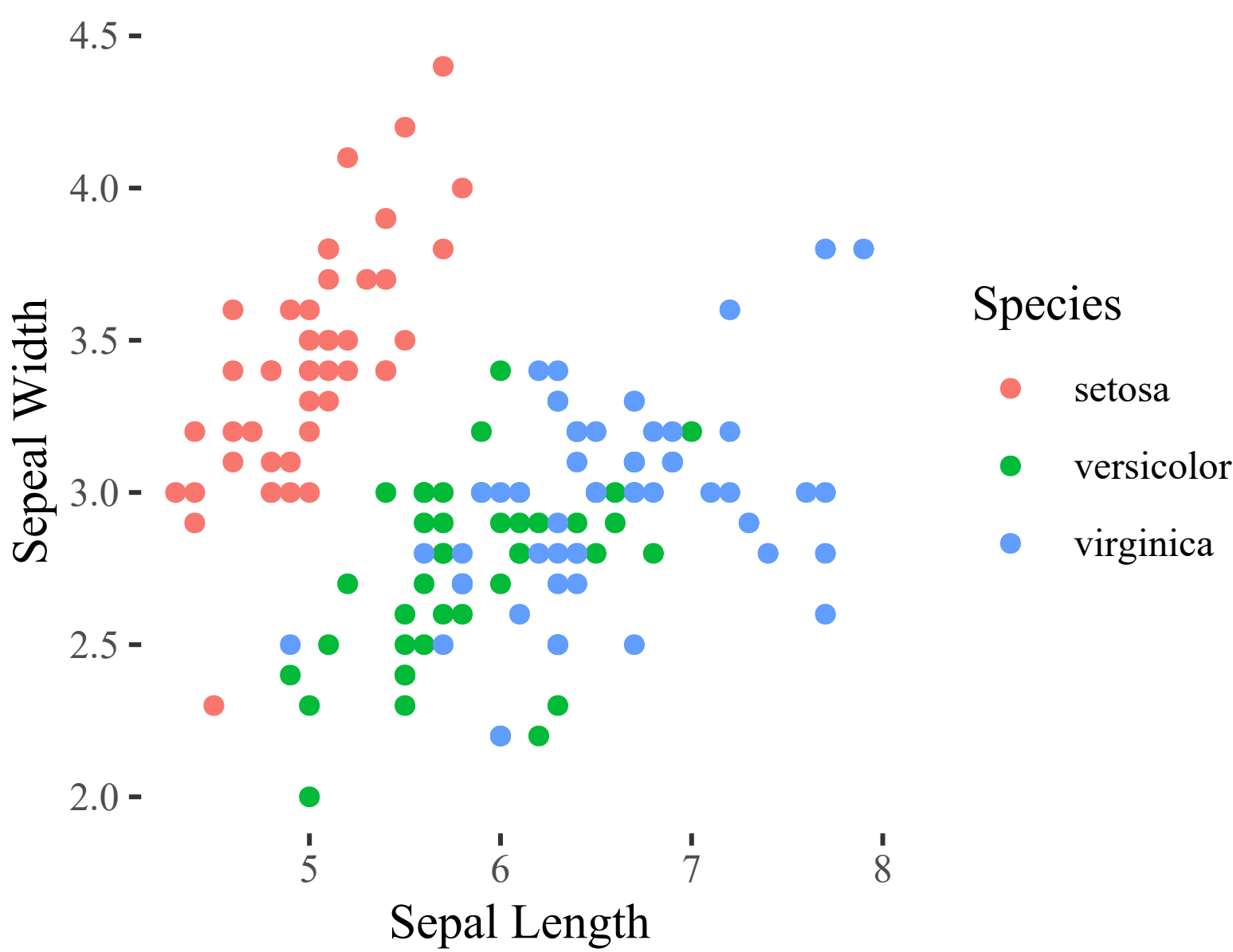


Figure 2: A typical plot using ggplot.

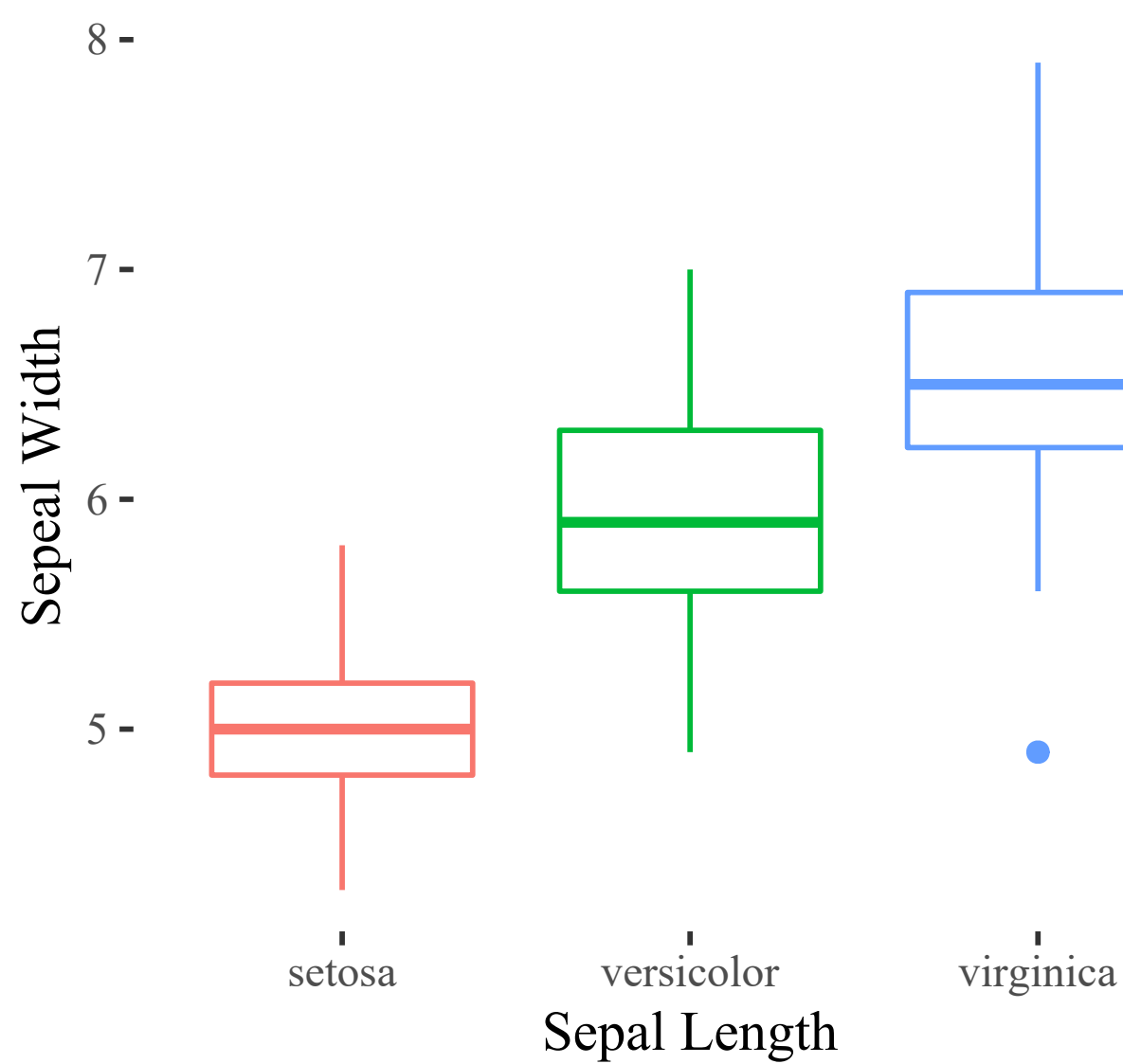


Figure 3: A boxplot example.

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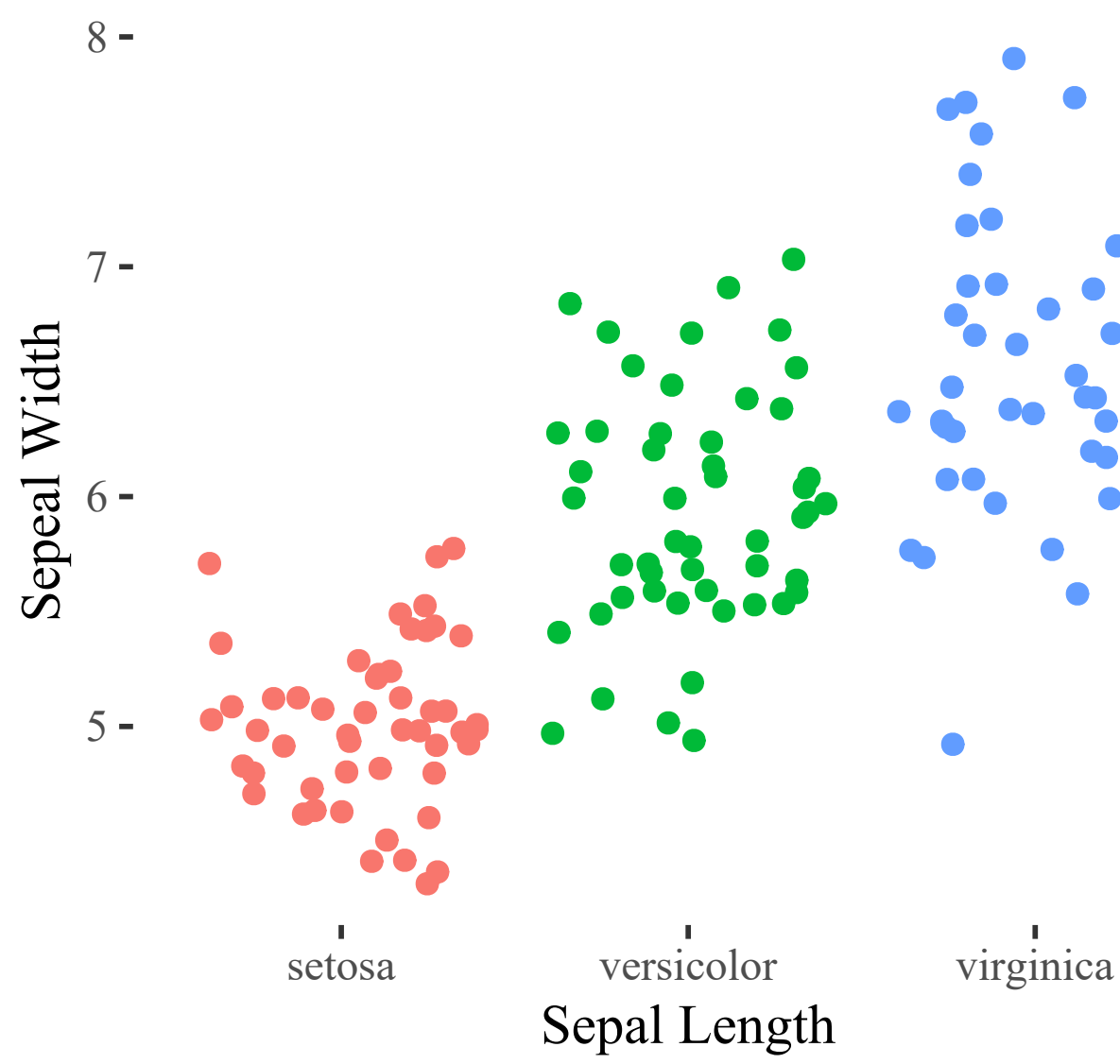


Figure 4: A jitter plot example.

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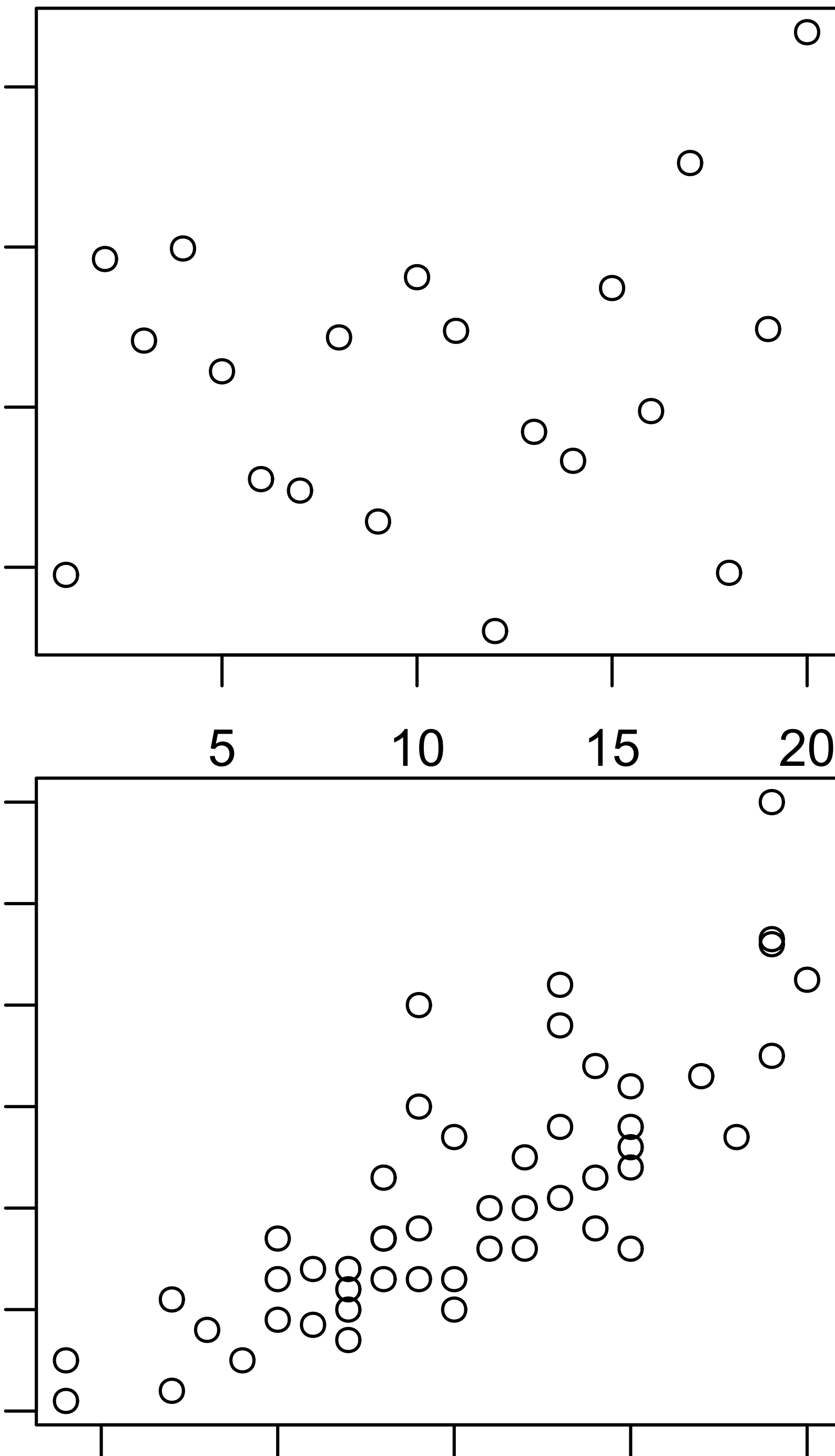


Figure 5: Another figure showing how base R plots might look on this poster!

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## Next Steps

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## References

[Hol+12] Eun-Jung Holden et al. "Identifying structural complexity in aeromagnetic data: An image analysis approach to greenfields gold exploration". In: *Ore Geology Reviews* 46 (Aug. 2012), pp. 47–59. ISSN: 01691368. DOI: 10.1016/j.oregeorev.2011.11.002. URL: <http://linkinghub.elsevier.com/retrieve/pii/S0169136811001454> (visited on 10/03/2018).

[MSS] Maarit Middleton, Tilo Schnur, and Peter Sorjonen-Ward. "GEOLOGICAL LINEAMENT INTERPRETATION USING THE OBJECT-BASED IMAGE ANALYSIS APPROACH: RESULTS OF SEMI-AUTOMATED ANALYSES VERSUS VISUAL INTERPRETATION". In: (), p. 20.