

# Activity 4: Status report on semester project

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- double-spaced
- page & line numbers for everything except title and author
- change font of headings and subheadings

## Background

- one paragraph overview, with  $\geq 5$  citations to papers that motivate the research (e.g., Montaña-Centellas et al. 2020)

## Process

- 1–2 paragraphs; narrative describing process
- retrieving raw data sets
- confusions re. methods of original paper
- summary of what have/haven't been able to reproduce
- new analyses or packages learned, with citations to all packages being used

## Reproducible research code

- code to reproduce results
- at least two plots or analyses similar to original paper
- *try to show code from `sem-project/trials.qmd` without copy-pasting*

## Remaining steps and hurdles

- next steps, concerns
- plans to tackle above

## References

Montaño-Centellas, F. A., C. McCain, and B. A. Loiselle. 2020. [Using functional and phylogenetic diversity to infer avian community assembly along elevational gradients](#). *Global Ecology and Biogeography* 29:232–245.