

## Overall Comments for Paper 1

### Key

O or / = remove

[ ] or | = apply comment (e.g., “omit”) to entire section enclosed

^ = make uppercase (e.g., “û” means make “u” into “U”)

ˇ = make lowercase (e.g., “Ž” means make “Z” into “z”)

\_\_\_\_\_ or O (circle) = change this and/or see comment about this item

¶ = paragraph (e.g., “omit ¶1” = “omit paragraph 1”)

Ital. = italicize/use italics

≠ = not equal to

§ = section (or “sections” if doubled)

“operators” : mathematical operators (e.g., = , < , > , ≤ , ≥ )

← →

or ← → = add (or remove) space (i.e., move over)

### Notes

Comments below are in addition to addressing items on rubric (e.g., providing suggestions for future research)

### General

USE THIS SITE: <https://owl.english.purdue.edu/owl/resource/560/01/>

Make sure all submissions are Times New Roman, 12 pt. font with 1” margins all around including header and title (save/print as PDF to minimize format issues)

“Data” is plural! (Data were collected; datum [singular] was collected; datum points)

“Criteria” is plural; “criterion” is singular! (Criteria of age and sex; a 40-hour workload criterion)

“Hypothesis” is singular; “Hypotheses” is plural (our hypothesis was; our hypotheses were)

Non-English words are italicized (e.g., *Sciurus carolinensis*, *déjà vu*)

Commas (,) and periods (.) go inside of the quotation marks (in the U.S.)

“Seven callers ahead of us,” grandmother said.

I am going to read “The Cask of Amontillado.”

Semicolons (;), colons (:), and hyphens (-) go outside of the quotation marks.

Mildred smiled and said, “I’d love to go”—right before grabbing her shoes.

Her favorite play was “Lion King”; she spent months singing the songs.

He recited his favorite line from “Still I Rise”: “I am the dream and the hope of the slave.”

Question marks (?) and exclamation points (!) go inside if part of the quote and outside if not (but part of the sentence).

Raul asked, “May I come with?”

Why wouldn’t I dance to “Chandelier”?

## Title Page/Abstract

Make sure to accurately describe study throughout (weather ≠ season ≠ temperature)

Title should contain variables (specific behaviors and seasons)

Practice reading/writing scientific articles. Avoid subjective and superfluous language; be direct and objective.

Include hypotheses in abstract

Keywords should be directly related to the study (e.g., variables measured; not things like predation, competition)

## Introduction

Title on Introduction should be the exact same as on title page

Animals are not “also known as” their Latin nomenclature

Build strong connections: how do results/understanding from past studies contribute to your questions/predictions? But DO NOT cite others in your hypotheses

Cite articles by authors with year ONLY – do not include article titles, or author affiliations/institutions

Tone throughout should be scientific. Do not write narratives and do not use questions

## Method

Don’t have to include the scientific name in the Subjects subsection but you should (no deduction was given for not including it)

Paraphrase operational definitions, do not quote

“Jump operationally defined as” NOT “Jump was operationalized as”

It is the **Materials** subsection, NOT the **Measures** subsection

Procedure should be a scientific account (and instructive); it should not be a narrative recollection

No need to use synonyms for variables/behaviors (i.e., clarify in the Introduction that for this study searching behavior was observed and that it is similar to/a component of foraging behaviors as described in previous studies; often I would get through Title, Abstract, and Introduction all mentioning “foraging” and wouldn’t find out until the Methods/Results that “search” is the behavior that was actually measured)

## Results

DO NOT qualify your results (i.e., do not say “only a tiny difference was found” or “an almost significant difference”)

Clearly interpret your statistics (e.g., if the result was non-significant, you cannot state that there was a difference [unless you specify it was non-significant])

NO: “On average, squirrels ate more in the winter ( $M = 3.80, SD = 1.23$ ) than in the summer ( $M = 1.16, SD = 0.14$ ),  $t(26) = 5.18, p = .642.$ ”

YES: “On average, squirrels ate more in the winter ( $M = 3.80, SD = 1.23$ ) than in the summer ( $M = 1.16, SD = 0.14$ ), but this difference was not statistically significant,  $t(26) = 5.18, p = .642.$ ”

YES: “On average, squirrels did not eat (statistically significantly) more in the winter ( $M = 3.80, SD = 1.23$ ) than in the summer ( $M = 1.16, SD = 0.14$ ),  $t(26) = 5.18, p = .642.$ ”

## Discussion

Results do NOT support your hypotheses if they are non-significant!!!

Results do NOT “prove,” they “suggest”

Be prudent in word choice, especially when discussing results (e.g., you cannot state that there was a correlation between season and running behavior unless you ran and presented a correlation analysis)

Interpret results in context of background literature (that you cited in introduction)

## References and Citation

Review APA for citing authors

In text:

Single author: (James, 2016) **OR** James (2016)

Two authors: (Ruiz & Li, 2016) **OR** Ruiz and Li (2016)

Three to five:

First time (One, Two, Three, Four, & Five, 2016) **OR** One, Two, Three, Four, and Five (2016);  
Every other time (One et al., 2016) **OR** One et al. (2016)

More than five: Every time (One et al., 2016) **OR** One et al. (2016)

In Reference list:

Single author: James, M. N. O. (2016).

Two to seven: One, A., Two, B., Three, C., Four, D., Five, E., Six, F., & Seven, G. (2016).

More than seven: One, A., Two, B., Three, C., Four, D., Five, E., Six, F., ... Twenty, T. (2016).

NOTE: Always use the oxford comma when listing three or more authors of a source in order to delineate them (only use in the reference list for works with 2 authors)

Italicize Journal title; and provide volume and issue information for journals (not ital.)

Do NOT put pp. before page range and be sure to provide the range not just the first page the article is found on (e.g., 1178 – 1180. NOT 1178.)