

¹ Concise, descriptive title in sentence case

² Jane Q. Researcher, Taylor P. Collaborator

³ **Abstract**

⁴ Provide a single paragraph (<160 words) accessible to a broad audience. Avoid citations and include a brief problem statement, key approach, primary findings, and a short concluding sentence.

⁷ **One-sentence summary**

⁸ Single-sentence summary under 130 characters.

⁹ **Keywords:** keyword one, keyword two, keyword three

¹⁰ **One-sentence summary**

¹¹ Single-sentence summary under 130 characters.

¹² **Author notes**

- ¹³ • Asterisk (*) marks the corresponding author and should match the e-mail in the author block.
- ¹⁵ • Use symbols (†, ‡, §, ||, ¶, #, ††, ‡‡) for notes such as equal contribution or present address.

¹⁷ **Abstract**

¹⁸ Replace this paragraph with your abstract. Keep it under 160 words and avoid citations.

¹⁹ **Introduction**

²⁰ Outline the background and the question or problem being addressed. Keep the narrative accessible to a multidisciplinary reader.

²² **Results**

²³ Describe the core findings in logical order. Cite figures and tables inline (for example, “Fig. 1” or “Table 2”).

25 Discussion

- 26 Interpret the results, highlight limitations, and connect to prior work without restating the
27 Results section.

28 Materials and Methods

- 29 Provide enough detail for reproducibility. Include statistical tests, sample sizes, number of
30 replicates, and any preregistration identifiers when applicable.

31 References

- 32 Citations follow Science Advances style via the CSL file. Ensure entries appear in the order
33 cited.

34 Acknowledgments

- 35 List any individuals who contributed but are not authors.

36 Funding

- 37 Specify funding sources and grant numbers.

38 Author contributions

- 39 Describe contributions using CRediT-style roles (for example, “Conceptualization: JR, TC;
40 Investigation: JR; Writing – original draft: JR; Writing – review & editing: JR, TC”).

41 Competing interests

- 42 Disclose any financial or personal relationships that could influence the work. State “The
43 authors declare that they have no competing interests” if none exist.

44 Data and materials availability

- 45 Detail where data, code, and materials can be accessed (with DOIs or repository links) and
46 any restrictions.

47 Supplementary Materials

48 List the sections and figures included in the companion Supplementary Materials PDF. Ex-
49 ample:

- 50 • Materials and Methods
51 • Fig. S1 to S5
52 • Table S1 to S3
53 • References (61–75)