Libet's Experiment: [Add your custom title here]

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Please provide an abstract of no more than 250 words in a single paragraph. Abstracts should explain to the general reader the major contributions of the article. References in the abstract must be cited in full within the abstract itself and cited in the text.

Keyword 1 | Keyword 2 | Keyword 3 | ...

This template is provided to help you write your work in the correct journal format. Instructions for use are provided below. The introduction should contain three paragraphs. Paragraph one: give a background to the problem. Paragraph two: what is already done what issues remain. Paragraph three how you are proposing to address it in this paper. Note: please start your introduction without including the word "Introduction" as a section heading; this heading is implied in the first paragraphs. Many find it useful to organize their manuscripts with the following order of sections; Title, Author Affiliation, Keywords, Abstract, Significance Statement, Results, Discussion, Materials and methods, Acknowledgments, and References. Other orders and headings are permitted.

Fig. 1. Placeholder image of a frog with a long example caption to show justification setting.
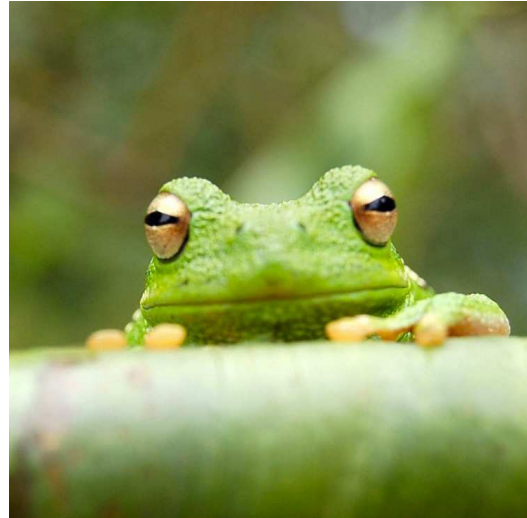
Results

Go over your analysis/experiments step by step and describe what is shown in each figure then make a case to go to the next analysis.

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Discussion

Should be at least three paragraphs: first paragraph says what was the main results you showed, second paragraph says what was the relationship of what you showed to what was previously shown in other papers and what might be the shortcomings of your approach, third paragraph gives a short summary of significance of what you found and future directions.

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Significance Statement

You are encouraged to submit a 120-word maximum statement about the significance of your paper written at a level understandable to an undergraduate educated scientist outside their field of speciality. The primary goal of the Significance Statement is to explain the relevance of the work in broad context to a broad readership. The Significance Statement appears in the paper itself and is required for all research papers in some journals.

Please provide details of author contributions here.

[1] A.O.(Author One) and A.T. (Author Two) contributed equally to this work (remove if not applicable).
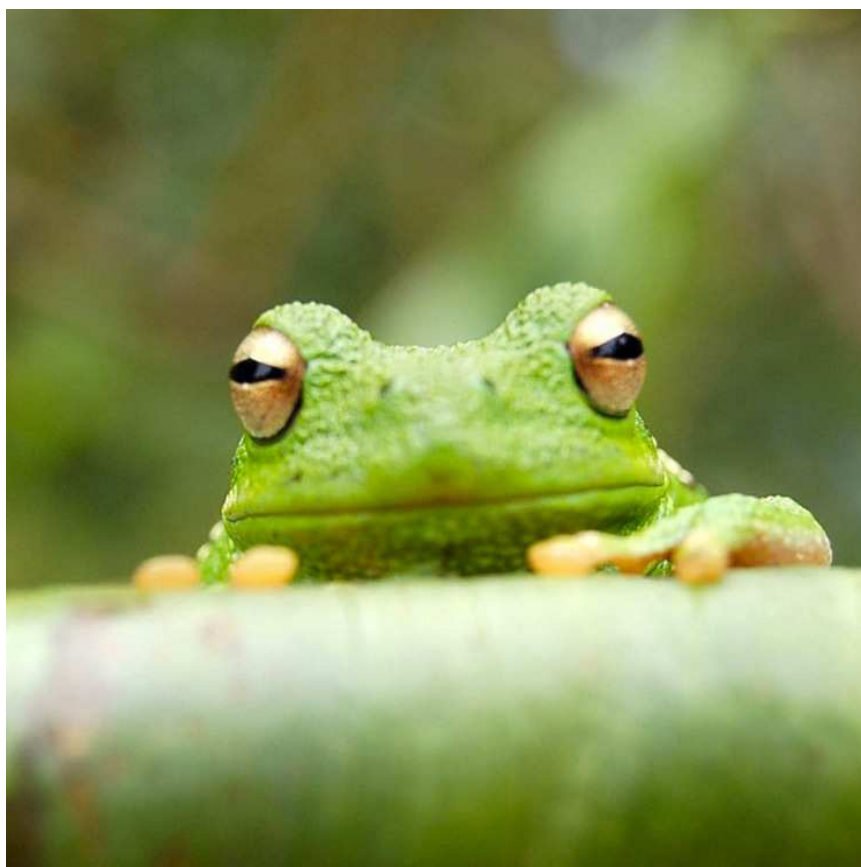
Fig. 2. This caption would be placed at the side of the figure, rather than below it.

$$\begin{aligned}(x + y)^3 &= (x + y)(x + y)^2 \\ &= (x + y)(x^2 + 2xy + y^2) \\ &= x^3 + 3x^2y + 3xy^3 + x^3.\end{aligned} \qquad [1]$$

Materials and Methods

Describe your data acquisition, dataset, analysis in details.

Manuscript Length. Less than ten pages using a two-column format.

References. References should be cited in numerical order as they appear in text; this will be done automatically via bibtex, e.g. (1) and (2, 3).

Single column equations. You may use 1- or 2-column equations in your article, according to your preference.

To allow an equation to span both columns, use the \begin{figure*}...\end{figure*} environment mentioned above for figures.

Note that the use of the widetext environment for equations is not recommended, and should not be used.

Digital Figures. Only TIFF, EPS, and high-resolution PDF are allowed for figures that will appear in the main text, and images must be final size. Color images must be in RGB (red, green, blue) mode. Figures and Tables should be labelled and referenced in the standard way using the \label{} and \ref{} commands. Figure 1 shows

Table 1. Comparison of the fitted potential energy surfaces and ab initio benchmark electronic energy calculations

Species	CBS	CV	G3
1. Acetaldehyde	0.0	0.0	0.0
2. Vinyl alcohol	9.1	9.6	13.5
3. Hydroxyethylidene	50.8	51.2	54.0

nomenclature for the TSs refers to the numbered species in the table.

an example of how to insert a column-wide figure. To insert a figure wider than one column, please use the \begin{figure*}...\end{figure*} environment. Figures wider than one column should be sized to 11.4 cm or 17.8 cm wide. Use \begin{SCfigure*}...\end{SCfigure*} for a wide figure with side captions.

Tables. In addition to including your tables within this manuscript file.

References

1. Mikhail Belkin and Partha Niyogi. Using manifold stucture for partially labeled classification. In *Advances in neural information processing systems*, pages 929–936, 2002.
2. Pierre Bérard, Gérard Besson, and Sylvain Gallot. Embedding riemannian manifolds by their heat kernel. *Geometric & Functional Analysis GAFA*, 4(4):373–398, 1994.
3. Ronald R Coifman, Stephane Lafon, Ann B Lee, Mauro Maggioni, Boaz Nadler, Frederick Warner, and Steven W Zucker. Geometric diffusions as a tool for harmonic analysis and structure definition of data: Diffusion maps. *Proceedings of the National Academy of Sciences of the United States of America*, 102(21):7426–7431, 2005.