

## Manuscript

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## Abstract

One or two sentences providing a **basic introduction** to the field, comprehensible to a scientist in any discipline.

Two to three sentences of **more detailed background**, comprehensible to scientists in related disciplines.

One sentence clearly stating the **general problem** being addressed by this particular study.

One sentence summarizing the main result (with the words “**here we show**” or their equivalent).

Two or three sentences explaining what the **main result** reveals in direct comparison to what was thought to be the case previously, or how the main result adds to previous knowledge.

One or two sentences to put the results into a more **general context**.

Two or three sentences to provide a **broader perspective**, readily comprehensible to a scientist in any discipline.

*Keywords:* keywords

Word count: X

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(Aksoy et al., 2017)

34

**Introduction**

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**Results**

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**Discussion**

## Methods

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38 We used R (**R-base**) and the R-packages *bselectR* (**R-bsselectR**), *cowplot*  
39 (**R-cowplot**), *data.table* (**R-data.table**), *dplyr* (**R-dplyr**), *forcats* (**R-forcats**),  
40 *futile.logger* (**R-futile.logger**), *ggplot2* (**R-ggplot2**), *ggpubr* (**R-ggpubr**), *ggrepel*  
41 (**R-ggrepel**), *ggsignif* (**R-ggsignif**), *gplots* (**R-gplots**), *gridExtra* (**R-gridExtra**),  
42 *htmlwidgets* (**R-htmlwidgets**), *kableExtra* (**R-kableExtra**), *magrittr* (**R-magrittr**),  
43 *papaja* (Version 0.1.0.9842; Aust & Barth, 2018), *plotly* (**R-plotly**), *purrr* (**R-purrr**),  
44 *readr* (**R-readr**), *reshape2* (**R-reshape2**), *scales* (**R-scales**), *shiny* (**R-shiny**), *stringr*  
45 (**R-stringr**), *tibble* (**R-tibble**), *tidyr* (**R-tidyr**), *tidyverse* (**R-tidyverse**), and  
46 *VennDiagram* (**R-VennDiagram**) for all our analyses.

## References

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48 Finally, the APA guidelines require a note at the start of the reference section that explains  
49 what an asterisk means. This note can be added at the end of the document as  
50 follows.

## References

- 51  
52 Aksoy, B. A., Dančák, V., Smith, K., Mazerik, J. N., Ji, Z., Gross, B., . . . Clemons, P. A.  
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55 2017. doi:10.1093/database/bax054
- 56 Aust, F., & Barth, M. (2018). *papaja: Create APA manuscripts with R Markdown*. R  
57 package version 0.1.0.9842. Retrieved from <https://github.com/crsh/papaja>