Superior paper quality with R-Markdown: The OBVIOUS Study

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# ABSTRACT

# INTRODUCTION

Here’s how to cite one thing.1

Here’s how to cite two or more things.2,3

# METHODS

# RESULTS

Here’s how to put some results into the text: A total of 344 were included in the current analysis. The mean bill length was 44. The mean (standard deviation) body mass was 4,202 (802)

# DISCUSSION

# REFERENCES

1. R Core Team. *R: A Language and Environment for Statistical Computing*. R Foundation for Statistical Computing; 2020. <https://www.R-project.org/>

2. Ambrosius WT, Sink KM, Foy CG, et al. The design and rationale of a multicenter clinical trial comparing two strategies for control of systolic blood pressure: The Systolic Blood Pressure Intervention Trial (SPRINT). *Clinical Trials*. 2014;11(5):532-546. doi:[10.1177/1740774514537404](https://doi.org/10.1177/1740774514537404)

3. SPRINT Research Group. A randomized trial of intensive versus standard blood-pressure control. *New England Journal of Medicine*. 2015;373(22):2103-2116.

# ACKNOWLEDGMENTS

# FINANCIAL DISCLOSURE

**Table 1: Penguin characteristics**

| **Characteristic** | **Biscoe, N = 1681** | **Dream, N = 1241** | **Torgersen, N = 521** |
| --- | --- | --- | --- |
| species |  |  |  |
| Adelie | 44 (26%) | 56 (45%) | 52 (100%) |
| Chinstrap | 0 (0%) | 68 (55%) | 0 (0%) |
| Gentoo | 124 (74%) | 0 (0%) | 0 (0%) |
| bill\_length\_mm | 45.8 (42.0, 48.7) | 44.7 (39.2, 49.9) | 38.9 (36.7, 41.1) |
| Unknown | 1 | 0 | 1 |
| bill\_depth\_mm | 15.50 (14.50, 17.00) | 18.40 (17.50, 19.00) | 18.40 (17.35, 19.25) |
| Unknown | 1 | 0 | 1 |
| flipper\_length\_mm | 214 (200, 220) | 193 (188, 198) | 191 (187, 195) |
| Unknown | 1 | 0 | 1 |
| body\_mass\_g | 4,775 (4,200, 5,325) | 3,688 (3,400, 3,956) | 3,700 (3,338, 4,000) |
| Unknown | 1 | 0 | 1 |
| sex |  |  |  |
| female | 80 (49%) | 61 (50%) | 24 (51%) |
| male | 83 (51%) | 62 (50%) | 23 (49%) |
| Unknown | 5 | 1 | 5 |
| year |  |  |  |
| 2007 | 44 (26%) | 46 (37%) | 20 (38%) |
| 2008 | 64 (38%) | 34 (27%) | 16 (31%) |
| 2009 | 60 (36%) | 44 (35%) | 16 (31%) |
| *1n (%); Median (IQR)* | | | |

**Table 2: A more customized table**

|  | Penguin things | | |
| --- | --- | --- | --- |
| island | Bill length, mm1 | Bill depth, mm | Flipper length, mm |
| Adelie2 | | | |
| Torgersen | 39 | 19 | 181 |
| Torgersen | 40 | 17 | 186 |
| Torgersen | 40 | 18 | 195 |
| Chinstrap | | | |
| Dream | 46 | 18 | 192 |
| Dream | 50 | 20 | 196 |
| Dream | 51 | 19 | 193 |
| Gentoo | | | |
| Biscoe | 46 | 13 | 211 |
| Biscoe | 50 | 16 | 230 |
| Biscoe | 49 | 14 | 210 |
| 1Bill length doesn't correlate with what you think it does. | | | |
| 2Adelies are the best and they know it | | | |
| Abbreviations: CI = confidence interval; EHR = electronic health records; and SD = standard deviation | | | |
| none of those abbreviations are in the table but they demonstrate how to include abbreviations using my helper functions | | | |

To make a landscape section, use the block\_section code here. Note that the section will be applied to all content prior to the block reaching up to the most recent block.

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 page\_size = page\_size(orient = "landscape"),  
 page\_margins = page\_mar(bottom = 1/8, top = 1/8,   
 right = 1/4, left = 1/4),  
 type = "continuous"  
 )  
)

To switch back to regular portrait section, add another portrait block. Notice how the block below acts on all content above it up to the prior block.

block\_section(  
 prop\_section(  
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 type = "continuous",  
 page\_margins = margins\_normal  
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