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## Lab9-Heidi-Jeongim-Jungah

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Abstract 12

One or two sentences providing a basic introduction to the field, comprehensible to a 13

scientist in any discipline.

Two to three sentences of more detailed background, comprehensible to scientists 15

in related disciplines.

One sentence clearly stating the **general problem** being addressed by this particular 17

study. 18

One sentence summarizing the main result (with the words "here we show" or their 19

equivalent). 20

Two or three sentences explaining what the **main result** reveals in direct comparison 21

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**. 24

Two or three sentences to provide a **broader perspective**, readily comprehensible to 25

a scientist in any discipline.

Keywords: keywords 27

Word count: X 28

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## Lab9-Heidi-Jeongim-Jungah

30 Methods

We report how we determined our sample size, all data exclusions (if any), all manipulations, and all measures in the study.

- 33 Participants
- 34 Material

29

- 35 Procedure
- 36 Data analysis

We used R (Version 3.5.1; R Core Team, 2018) and the R-packages dplyr (Version

8 0.7.7; Wickham, François, Henry, & Müller, 2018), forcats (Version 0.3.0; Wickham,

<sup>39</sup> 2018a), ggplot2 (Version 3.0.0; Wickham, 2016), here (Version 0.1; Müller, 2017), janitor

<sup>40</sup> (Version 1.1.1; Firke, 2018), papaja (Version 0.1.0.9842; Aust & Barth, 2018), purrr

(Version 0.2.5; Henry & Wickham, 2018), readr (Version 1.1.1; Wickham, Hester, &

Francois, 2017), rio (Version 0.5.10; C.-h. Chan, Chan, Leeper, & Becker, 2018), stringr

 $_{43}$  (Version 1.3.1; Wickham, 2018b), tibble (Version 1.4.2; Müller & Wickham, 2018), tidyr

(Version 0.8.1; Wickham & Henry, 2018), and tidyverse (Version 1.2.1; Wickham, 2017) for

45 all our analyses.

Results

47 Discussion

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