Final Project Proposal - Group 1, course CSDA1000SUMA18

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## Abstract

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11 Keywords: keywords

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14 Introduction

## Proposed plan

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

- 18 Participants
- 19 Material

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- 20 Procedure
- 21 Data analysis

We used R (Version 3.4.3; R Core Team, 2015) and the R-packages afex (Version

0.20.2; Singmann, Bolker, Westfall, & Aust, 2016), bindrcpp (Version 0.2.2; Müller, 2017),

boot (Version 1.3.20; Davison & Hinkley, 1997), broom (Version 0.4.4; Robinson, 2016), dplyr

<sup>25</sup> (Version 0.7.5; Wickham & Francois, 2016), estimability (Version 1.3; Lenth, 2015), knitr

<sup>26</sup> (Version 1.20; Xie, 2015), lme4 (Version 1.1.17; Bates, Mächler, Bolker, & Walker, 2015),

 $^{27}$  lsmeans (Version 2.27.62; Lenth, 2016), Matrix (Version 1.2.12; Bates & Maechler, 2016),

<sup>28</sup> MBESS (Version 4.4.3; Kelley, 2016), papaja (Version 0.1.0.9709; Aust & Barth, 2015),

reshape2 (Version 1.4.3; Wickham, 2007), rmarkdown (Version 1.9; Allaire et al., 2016), and

testthat (Version 2.0.0; Wickham, 2011) for all our analyses.

## Cost/benefit analysis

32 Conclusion

59

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