

Preregistration

My fake preregistration for LDP course

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¹ Living Data Project

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Project description	I made up a fake project for the LDP course using the iris dataset. I could, for example, look at how sepal width varies with iris species.
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Data collection	No , no data have been collected for this study yet.
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Hypothesis	This is a fake example for the LDP class. I am using the iris dataset and hypothesize that sepal length varies with species
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Dependent variable	Sepal length will be measured in cm using a ruler
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Conditions	Conditions include different iris species
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Analyses	I will use an anova to compare group means. Doing a glmm could be fun too (Bolker et al., 2009)

Outliers and exclusions	I won't remove any outliers
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Sample size	I will measure 150 iris plants per species
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Other	This is so fun :)
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Study type	This is a fake class project for the Living Data Project's Reproducibility course
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References

Bolker, B. M., Brooks, M. E., Clark, C. J., Geange, S. W., Poulsen, J. R., Stevens, M. H. H., & White, J.-S. S. (2009). Generalized linear mixed models: a practical guide for ecology and evolution. *Trends in Ecology & Evolution*, 24(3), 127–135. <https://doi.org/10.1016/j.tree.2008.10.008>