

Preregistration

# Preregistration for the CIEE Mini Project

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<b>Data collection</b>	<b>Yes</b> , the data used in this project has already been collected as we are using the palmerpenguin package.
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## Hypothesis

We hypothesize that the average body masses of penguins inhabiting different islands will be variable, i.e. the body masses will be different from one another.

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## Dependent variable

The dependent variable is the body mass (in grams) of penguins.

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## Conditions

Penguins will be assigned to one of three conditions: belonging to the Biscoe island, belonging to the Dream island, or belonging to the Torgersen island.

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**Analyses**

The analyses for this study will include calculating the average of body mass values for all penguins belonging to each condition (each island), and summarizing these values in a figure.

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**Outliers and  
exclusions**

In the case of outliers, these will be determined using boxplot figures and excluded from the analyses.

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**Sample size**

There will be over 300 penguin specimens recorded in the dataset, with a minimum of 50 penguins per island.

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**Study type**

Finally. For record keeping purposes, please tell us the type of study you are pre-registering.

- Class project or assignment