**Explanation of the analyses conducted**

A total of 36 analyses were conducted, as the product of the factors explained below. All models were allowed a random intercept for subjects, and a random intercept for text items when no errors occurred in the analysis.

We have 3 different studies, in which we compare different population groups:

* Study 1: Advanced Learners (LA) vs. Beginner Learners (L)
* Study 2: Advanced Learners (LA) vs. Heritage Speakers (HS)
* Study 3: Advanced Learners (LA) vs. Professional Interpreters (IN)

We have 3 different experiments, in which our Condition (*short*, *long*) evaluates different things:

* 1. Stress (e.g., *bebe*, *bebió*)
* 2. Duration (e.g., *gel*, *geles*)
* 3. Lexical (e.g., *sal*, *salsa*)

We have 2 different dependent variables:

* Accuracy. Modeled as: Binomial distribution, Logit link.
* RT. Transformed to its natural logarithm in order to get a more normal distribution, less skewed to low values. Modeled as: Normal distribution, Identity link.

We have 2 different types of analyses:

* One in which all fixed factors are categorical
  + Group
  + Condition
  + Group\*Condition
  + Accuracy (only when RT is the dependent variable)
* One in which there are categorical variables and covariates as fixed factors
  + Group (not included in Study 1 because digit span is included)
  + Condition
  + Group\*Condition (not included in Study 1 because Condition\*digit span is included)
  + WM
  + Condition\*WM
  + Accuracy (only when RT is the dependent variable)