**Research Diary**

**N+2 SEARCH CRITERIA:**

* Decided to do the formal literature search separately for n+2 studies and n+1 studies. I will keep records of each step in the Excel sheet (“All\_papers”).
* Search keywords were: “word n+2 preview” , “n+2 preview reading”
* N+2 search was limited to papers from 2007 onwards.
* Only studies in English were considered.
* I searched both Google Scholar and Web of Science. Additionally, I checked the citations in Google Scholar of all full text articles assessed for inclusion. I also checked in-text citations of these papers.

**N+1 SEARCH CRITERIA:**

* Search keywords were: “**word n+1 preview**” , “**preview benefit reading**” , “**parafoveal preview reading**”
* Only studies in English were considered.
* I searched both Google Scholar and Web of Science. Additionally, I checked the citations in Google Scholar of all full text articles assessed for inclusion. I also checked in-text citations of these papers.

Studies with no SD (n+1):

**30.08.15.**

* Read again carefully all the N+2 papers and double-checked the coding.
* Made an Excel sheet where I will document all articles that were found, along with comments about each article, was it included (and if it wasn't, why?). I completed the forms for 14 N+2 studies (including 3 experiments that were excluded).
* To-do list:

- I need to make a formal search of the literature with Google Scholar, Web of Knowledge, etc. (although I'm 99% sure I have already identified all published studies). **→ DONE**

- I need to contact Radach to see if I can get their unpublished n+2 study. **→ DONE**

- I need to talk with Sarah to see if she is interested in having her upcoming n+2 study included in the meta-analysis (it would also be good to ask her if she knows about other researchers currently doing n+2 studies).

- I need to ask Bernhard if he can get me Juhasz et al's data so that I can calculate word n+1 fixation durations.

**14.09.15.**

* Finished the 2nd step of the literature search for n+1 studies.
* To-do list:
* Finish the screening process so that I can start reviewing (and coding) the full-text articles.

**24.09.2015**

* I started working on a function for creating forest plots.
* To-do list:
  + I need to find out how exactly the size of the squares is calculated **→ DONE**
  + I need to see if it is possible to extract credible intervals for individual studies. Previous studies have reported it, so there should be some way to do it. **→ DONE**

**25.09.2015**

* The annotation of the n+2 forest plot seems too difficult to be done in ggplot2 since it has to be

outside the plot. I will generate only the effect sizes in R and I will do the annotation in Inkscape.

**24.10.2015**

* Finished step 3 of the literature search for n+1 studies.
* Edited the R script that will be used for coding the papers.

**18.12.2015**

**NOTE:**

* I need to impute condition SDs and not the pooled one because otherwise I loose information about the sample size

**25.01.2016**

* I have finished coding n+1 studies
* 25% of n+1 studies did not report a measure of variance. I have contacted 4 authors of studies from the last 10 years and I have so far received the missing data of 2 experiments (2 more authors replied that they will try to find the missing data).