**Introduction to Quantitative Linguistics**

Dr Danielle Turton

HSS8005: Stream C

Semester 2, 2018-2019

Course information

*Weeks 8 & 9: 19, 21, 26, 28 March 2018*

**Lectures:** Tuesdays & Thursdays, 2-4pm, Daysh Doctoral Training Suite 5.65

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Please allow at least 2 working days for a response. Note that Friday is my dedicated research day and I am not on email.

**Office hours:** Monday 3-4, Wednesday 11-1, Percy 3.11A

**Phone:** 0191 208-8092

**Session 1**

* Introduction to course
* Introduction to R
* Categorical vs. continuous variables
* Basic commands in R

**Session 2**

* Loading in datasets
* Looking at proportions
* Tables and graphs

**Session 3: lab class**

* More on R
* p-values (and misconceptions)
* chi-square test
* linear regression

**Session 4: lab class**

* graphs (histograms, boxplots)

Recommended further courses

Beginner: Betsy Sneller’s R course. PhD student at the University of Pennsylvania)

<http://www.ling.upenn.edu/~esnell/RCourse/RCourse.html>

Intermediate: Joe Fruehwald’s LSA R course. Lecturer at Edinburgh University <https://jofrhwld.github.io/teaching/courses/2017_lsa/>

Advanced: Page Piccinni’s course *R for Publication*. Data scientist, former academic linguist

<https://pagepiccinini.com/r-course/>