Campus Luzern – A Cooperative Project of the University-Level Institutions in Lucerne

«*Working with Twitter Data in R*»

Tutor	Resul Umit, University of Oslo
Organization	Campus Luzern
Language	English
ECTS-Points	1 ECTS
Nos. of participants	max. 20
Content	This workshop will guide you in collecting, cleaning, tidying, and analysing data from Twitter — all in the software environment R. Twitter has become an important data source for research; as of November 2020, a simple search for "Twitter data" returns close to 50,000 results in Google Scholar. Twitter data is rich (up to 90 variables for a single tweet) and plentiful (on average, 6,000 new tweets per second). As well as opportunities, this creates challenges, starting with how to collect tweets from Twitter. This workshop will equip you with the know-how to deal with the challenges of working with Twitter data. To do so, we will use a number of R packages — most importantly *rtweet*, *tidytext*, and some of the packages in *tidyverse*.
Prerequisites/ Materials	The workshop assumes basic knowledge of R programming language. If you have no experience with R, but willing to familiarise yourself with it before the workshop, please contact Resul in advance to discuss your options.
Reading list	Rudis, B. (2018). *21 Recipes for Mining Twitter Data with rtweet*. Available at https://rud.is/books/21-recipes/. Silge, J. & Robinson, D. (2020). *Text Mining with R: A Tidy Approach*. O'Reilly. Available at https://www.tidytextmining.com.
Teaching method	This workshop is offered in English. It will take place online, via Zoom.
Charge	This Campus Luzern offering is directed at researchers, post-docs, doctoral students, people interested in starting a dissertation and employees of Lucerne universities and is free of charge for these persons. For persons not affiliated with Lucerne universities, the course fee is CHF

	600/day.
	Certificates with the respective ECTS-Points are prepared on request (graduate.resources@campus-luzern.ch).