

README: Data in support of publication "Deutz, D.B., Vlachos, E., Drongstrup, D., Dorch, B.F., Wien, C. (2019). Effective Publication Strategies in Clinical Research, PLOS ONE".

Here we will describe how to make sense of the data contained in each accompanying file. To uncover the publication strategies prevalent among clinical researchers, we paired studies on their publication metrics, as registered in Scopus and SciVal, with their thoughts on publishing, shared in semi-structured interviews.

The data shared here contains the Python script used to extract publication data from the Scopus API, the interview invitation email, the interview guidelines, the information regarding the interviews, supporting information on raw publication data, two tables as presented at the publication, and the coordinates of a plot.

2019-04-01 ScopusAPI_GetAuthorInfo_DBD

Metadata	
Author	Daniella B. Deutz
Date created	Dec. 2017
File format	.py
Description	The Scopus API Python script works within the Scopus API package. It takes a .txt file containing a single column of Scopus Author ID's and outputs a .csv file containing the following columns: 1. each researcher's name as indexed in Scopus, 2. the Scopus authorID, 3. the calculated h-index (h), 4. the number of publications (Np), 5. the total number of citations (Nc_tot), and 6. the degree of efficiency (a).

2019-03-26 Invitation email EV CW

Metadata	
Author	Evgenios Vlachos and Charlotte Wien
Date created	Mar. 2018
File format	.pdf
Description	This is the wording of the e-mail we sent to invite researchers to take part in our study.

2019-03-26 Interview Guidelines EV CW

Metadata	
Author	Evgenios Vlachos and Charlotte Wien
Date created	Mar. 2018
File format	.pdf
Description	These are the guidelines we followed, and approximate questions we asked during each semi-structured interview with a researcher.

2019-04-01 Information regarding the interviews EV

Metadata	
Author	Evgenios Vlachos
Date created	June 2018
File format	.pdf
Description	Metadata regarding the interviews, like dates of interviews, interviewer names, researcher type, length of interview, size, settings and data format.

Table 1 – Data copied from Table 1 of publication

Metadata	
Author	Daniella B. Deutz
Date created	Nov. 2019
File format	.csv
Description	This file contains Table 1 as presented at the publication to enable replication of the analysis.

Table 3 – Data copied from Table 3 of publication

Metadata	
Author	Daniella B. Deutz
Date created	Nov. 2019
File format	.csv
Description	This file contains Table 3 as presented at the publication to enable replication of the analysis.

S1 of Supporting Information - Raw publication data of subset of researchers at the Department of Clinical Research

Metadata	
Author	Daniella B. Deutz
Date created	Jan. 2018
File format	.csv
Description	This is the first output file generated by the Scopus API Python script. The identifying information (researcher names and Scopus Author ID's) has been removed. Each row represents the publicly available publication data, extracted from Scopus, pertaining to a single researcher. The file contains the following columns: 1. the h-index (h), 2. the number of publications (Np), 3. the total number of citations (Nc_tot), 4. the number of years since each researcher's first publication indexed in Scopus, 5. the h-index corrected for (divided by)

Metadata	
	researcher age (m). 6. the degree of efficiency (a). The data in column 4 was not generated by the python script, but instead gathered from the Scopus web interface .

S2 of Supporting Information - Raw publication data of all researchers at the Department of Clinical Research

Metadata	
Author	Daniella B. Deutz
Date created	June 2019
File format	.csv
Description	This is the second output file generated by the Scopus API Python script, for the entire department of clinical research at the University of Southern Denmark. The identifying information (researcher names and Scopus Author ID's) has been removed. Each row represents the publicly available publication data, extracted from Scopus, pertaining to a single researcher. The file contains the following columns: 1. the h-index (h), 2. the number of publications (Np), 3. the total number of citations (Nc_tot), 4. the number of years since each researcher's first publication indexed in Scopus, 5. the h-index corrected for (divided by) researcher age (m). 6. the degree of efficiency (a). The data in column 4 was not generated by the python script, but instead gathered from the Scopus web interface .

Coordinates for Figure 2a

Metadata	
Author	Evgenios Vlachos
Date created	Nov. 2019
File format	.txt
Description	The coordinates for the variables and the researchers as they appear in Figure 2a (MCA biplot with positions of individual researchers around the publication metric variables) at the publication.