



A Comparison of the SSH journal article patterns in seven European countries and Québec

.....

Emanuel Kulczycki
Ljubljana, 11th of July 2018

The aim of the study

The purpose of this study is to analyze national differences in the publication patterns of **SSH scholars** and focus on **journal articles** (WoS and non-WoS).

Data are collected on the author level what allow us to compare:

- how different countries and regions are using **language** (English vs. other languages),
- how it varies according to **gender**,
- how **topicality (disciplines) affects language** and how all of this varies in each of the countries involved in the study.

This will be the first analysis of its kind that does not solely rely on an incomplete data source like WoS.

Authors

Kasper Bruun	Denmark
Tim C.E. Engels	Flanders (Belgium)
Raf Guns	Flanders (Belgium)
Emanuel Kulczycki	Poland
Vincent Larivière	Québec (Canada)
Michal Petr	Czech Republic
Janne Pölönen	Finland
Ewa A. Rozkosz	Poland
Gunnar Sivertsen	Norway
Andreja Istenič Starčič	Slovenia
Alesia A. Zuccala	Denmark

Data

Journal articles published in the **2013–2015 period**.

Data on researchers

- Name and surname
- University
- Gender
- Discipline

Data on articles

- Article Title
- Year of publication
- Number of Authors
- Language of Publication
- Journal Title
- Issue
- Volume
- DOI
- ISSN
- eISSN (if applicable)

We are going to analyze the data on the following levels:

- ▶ The whole SSH
- ▶ Fields (SS/H) and disciplines
- ▶ Countries
- ▶ Individual researchers
- ▶ Gender

Preliminary results

Flanders, Czech Republic, Poland

Discipline classification systems used in each country for assigning publications to disciplines

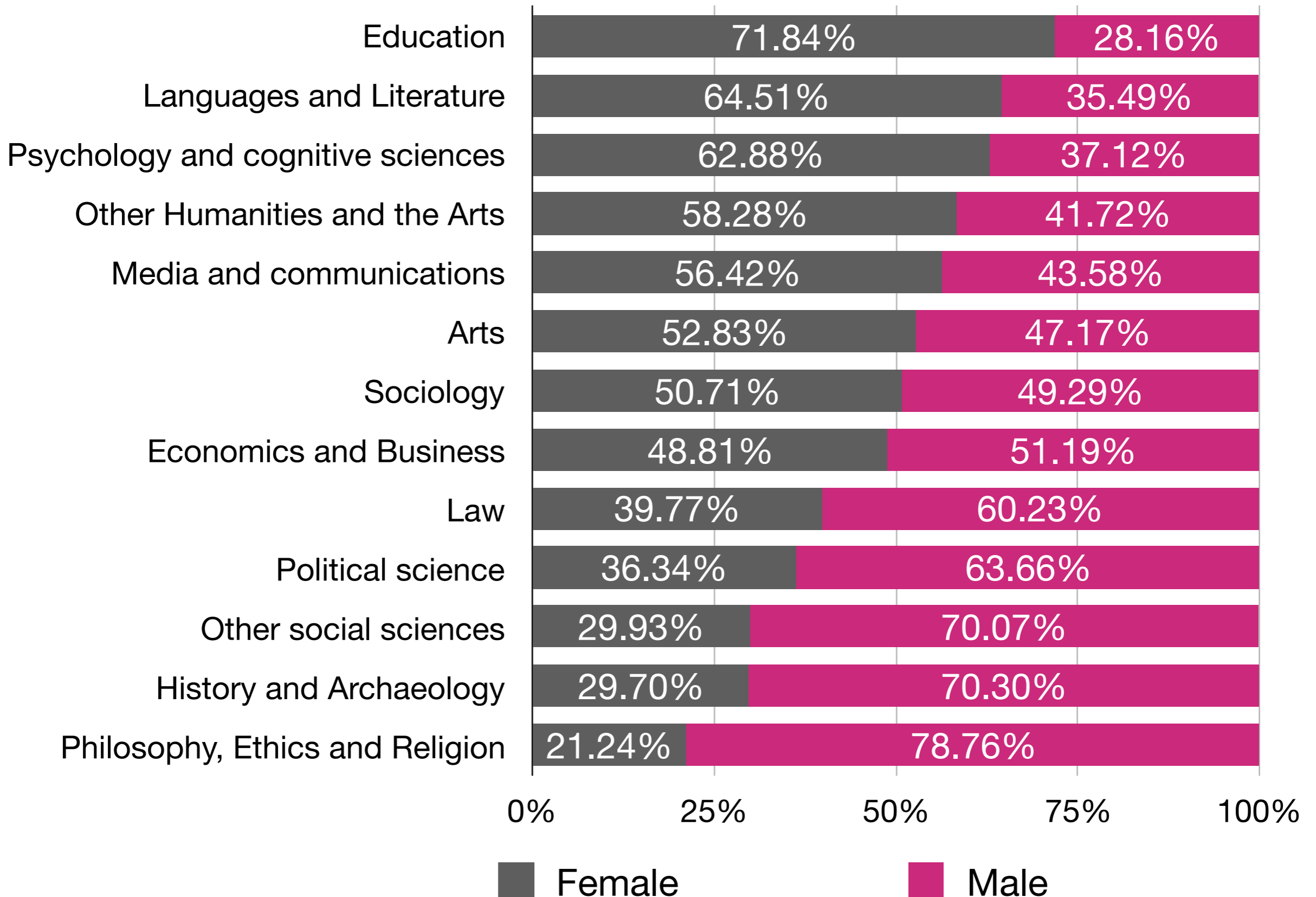
Country	Organizational classification	Cognitive classification (Researcher Level)	Cognitive classification (Publication Level)
Flanders	X	-	-
Czech Republic	-	-	X
Poland	-	X	-

Researchers and their productivity

The number of SSH researchers per gender

Country	Female	%	Male	%	Total
Flanders	4,538	43.95	5,788	56.05	10,326
Czech Republic	5,515	45.44	6,621	54.56	12,136
Poland	12,355	48.93	12,895	51.07	25,250

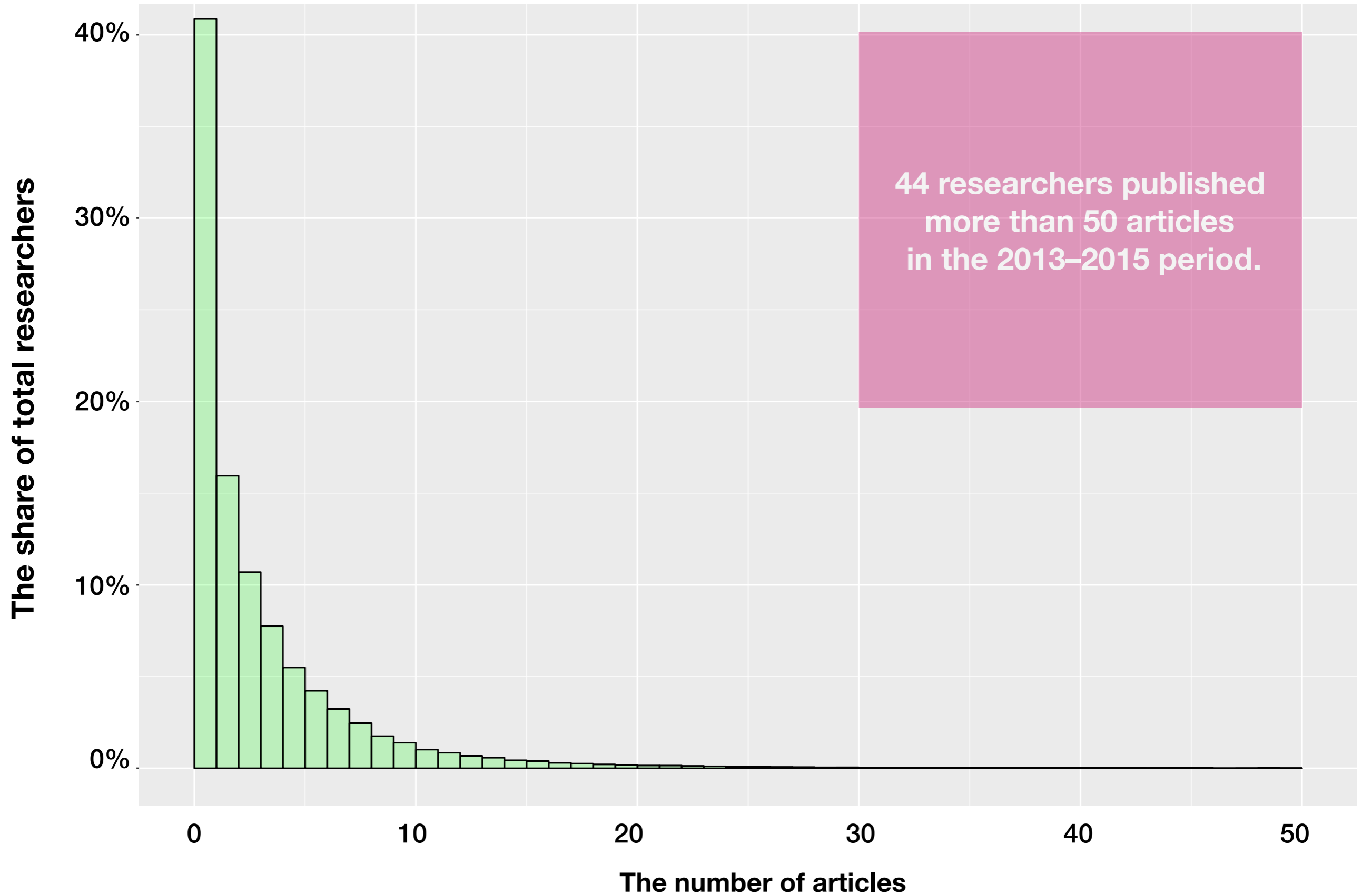
POLAND: Gender balance across disciplines



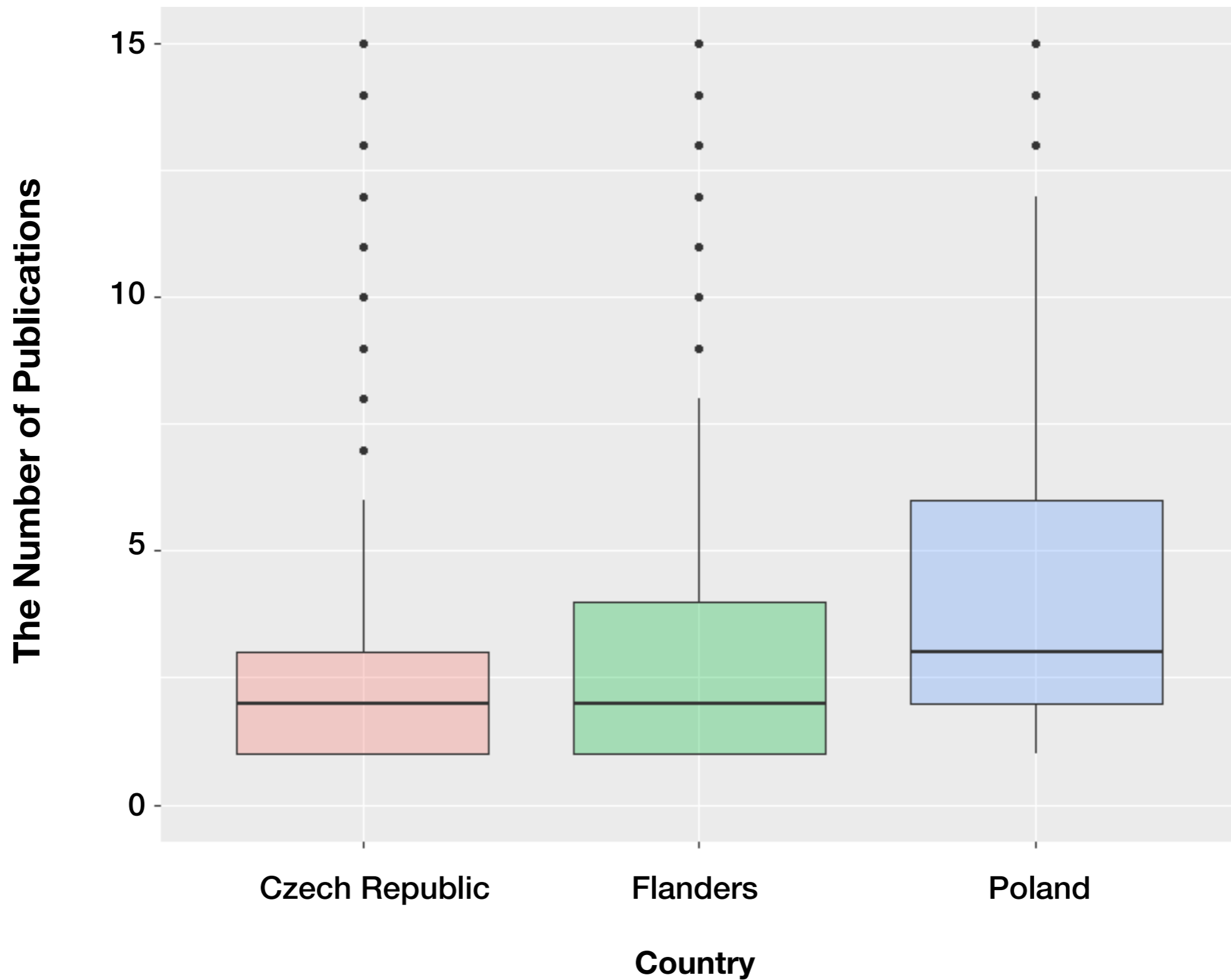
TOP 10 of the most productive researchers in the 2013–2015 period

Country	Gender	Discipline	Number of articles
Flanders	female	Social health sciences	157
Flanders	male	Social health sciences	125
Poland	male	Political science	96
Flanders	male	Social health sciences	93
Flanders	male	Social health sciences	90
Poland	female	Business and management	88
Flanders	female	Social health sciences	78
Poland	female	Finance	72
Flanders	female	Social health sciences	71
Flanders	male	Sociology	71

**The histogram of researchers' productivity.
Researchers from three countries (N = 47,712)**



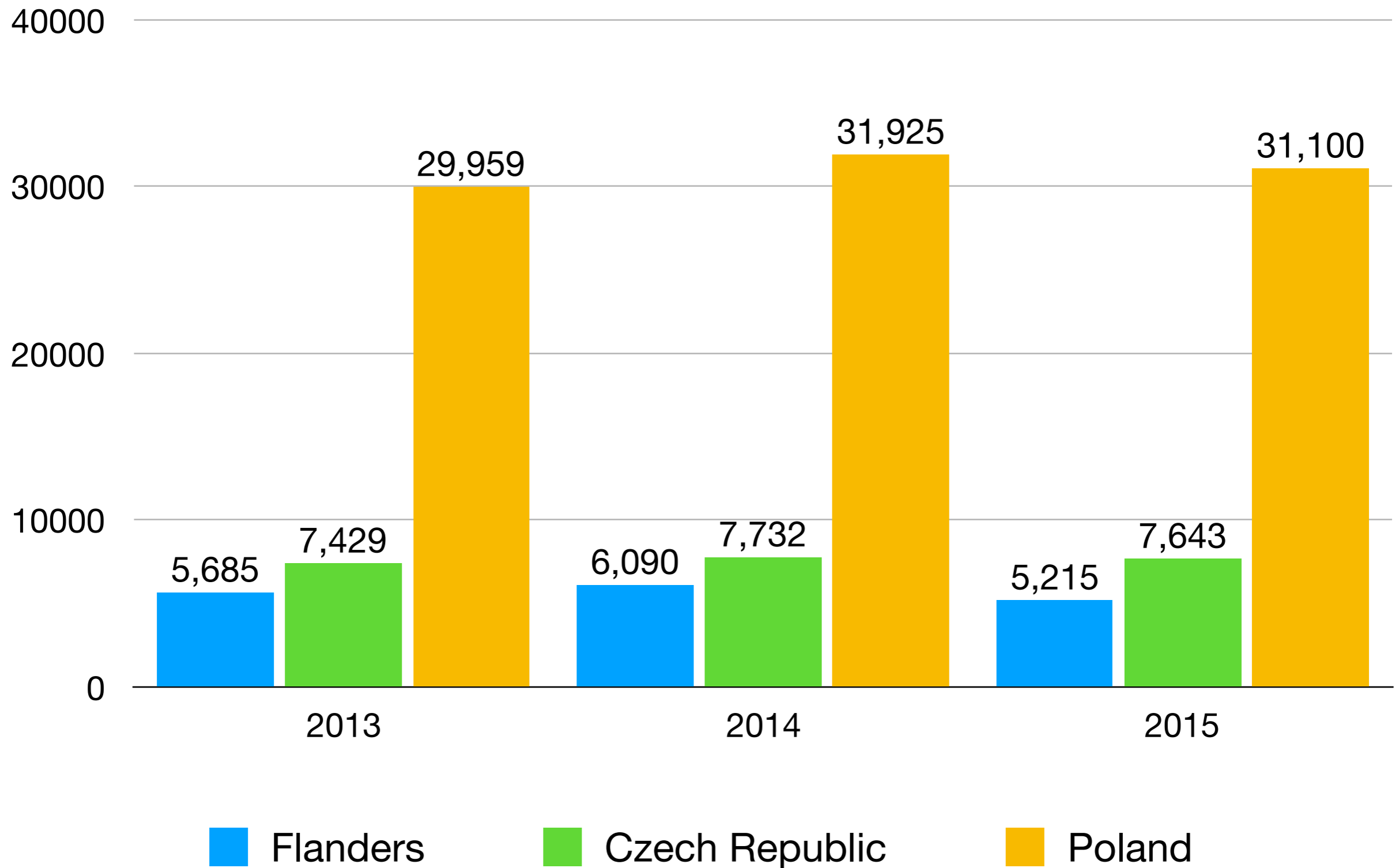
The number of articles published by individual researchers* per country (N = 132,778)



* Only researchers who published at least 1 article

Articles

The number of articles per country (N = 132,778 articles)

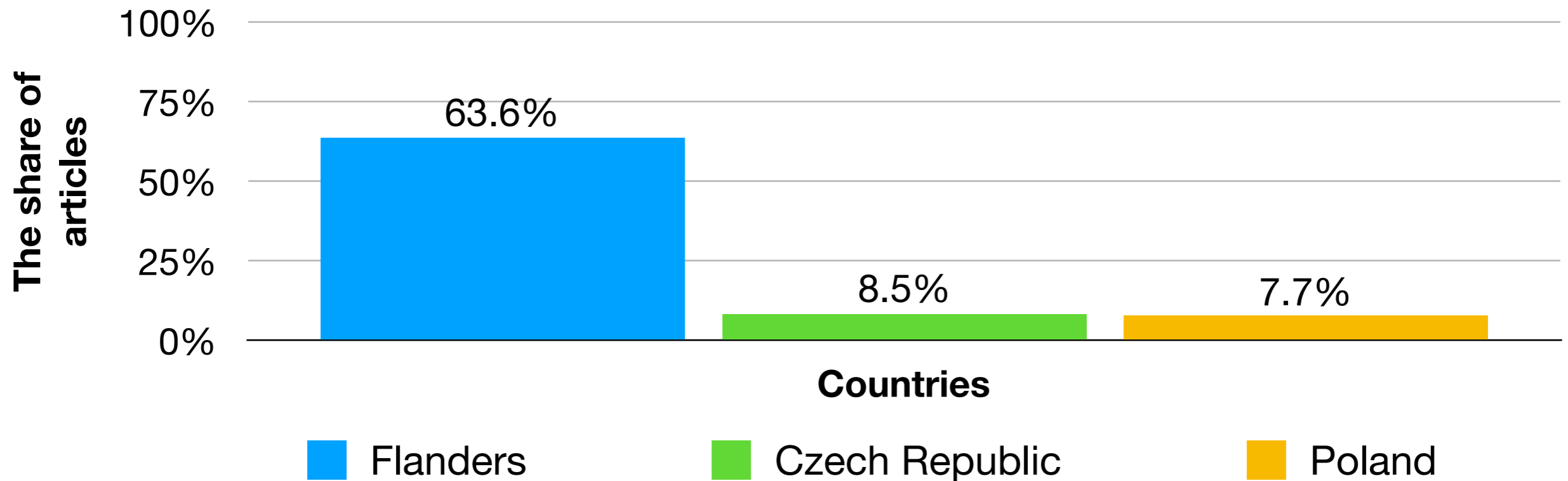


The Researchers / Journals ratio

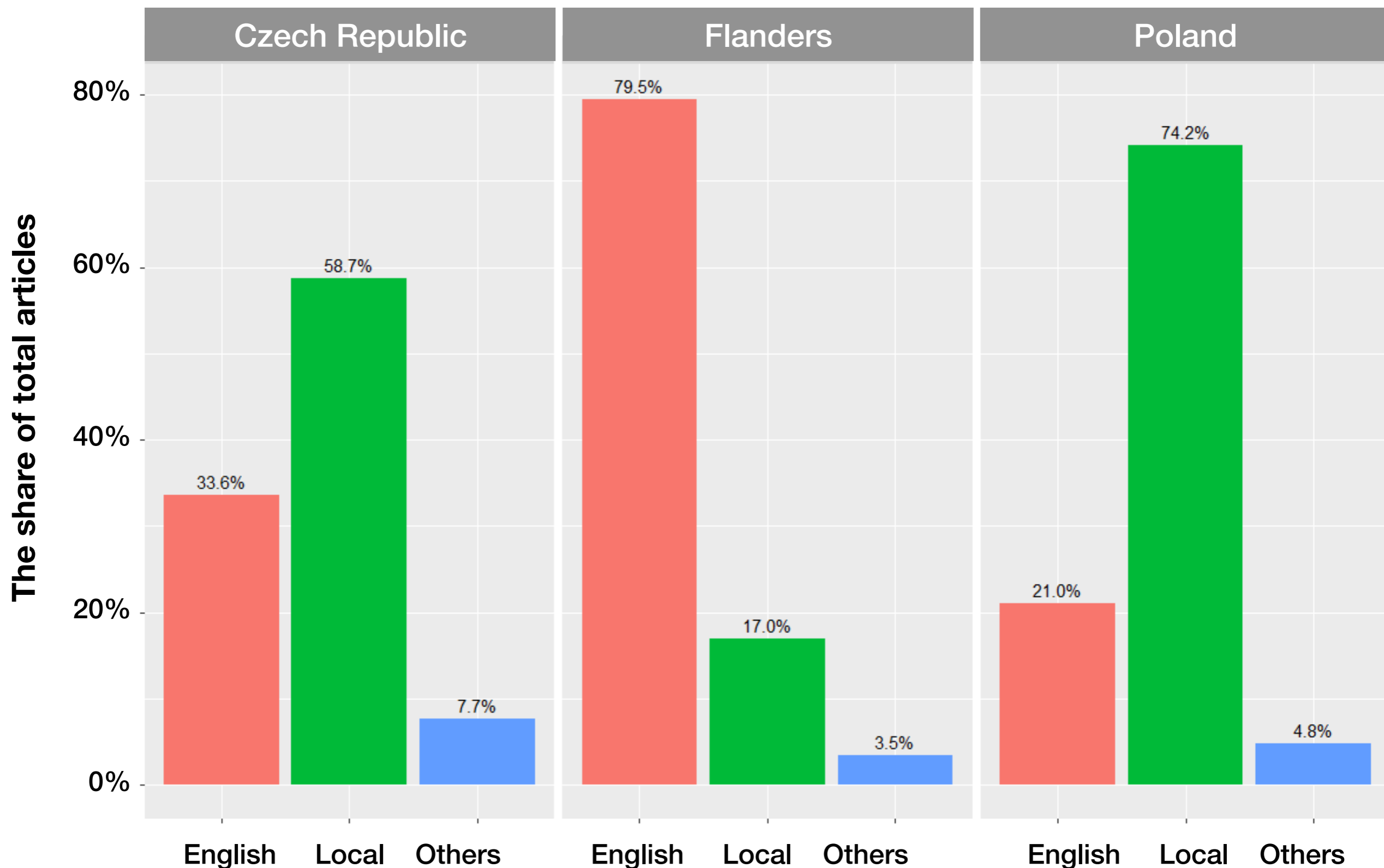
Country	Number of Researchers	Number of Journals in which they published	Ratio
Flanders	10,326	5,628	1.8
Czech Republic	12,136	3,905	3.1
Poland	25,250	8,153	3.1

The Web of Science coverage

Country	Number of articles	Number of articles in journals indexed in the WoS
Flanders	16,990	10,082
Czech Republic	22,804	1,946
Poland	92,984	7,154



The shares of article languages across countries (N = 132,778 articles)

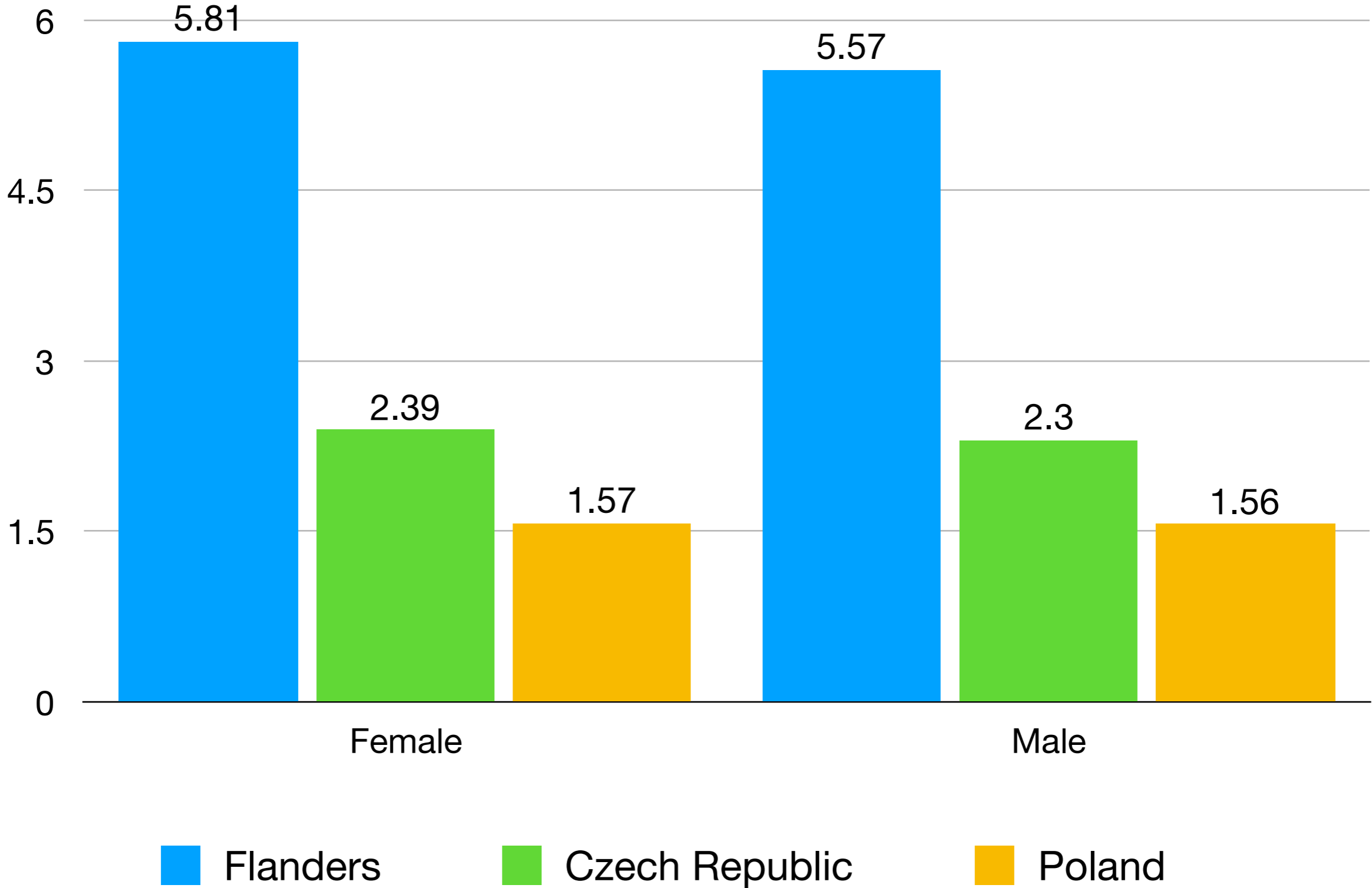


The number of article authors per country
The mean and median values

Country	Mean	Median
Czech Republic	2.28	1
Flanders	5.67	3
Poland	1.58	1

The number of article authors per country and gender

The mean value*



* Data is aggregated at the researcher level. Therefore, one article might be counted several times in a country.

To be continued

when we will deliver full results :-)

Thank you

emek@amu.edu.pl

emanuelkulczycki.com