Homework 2
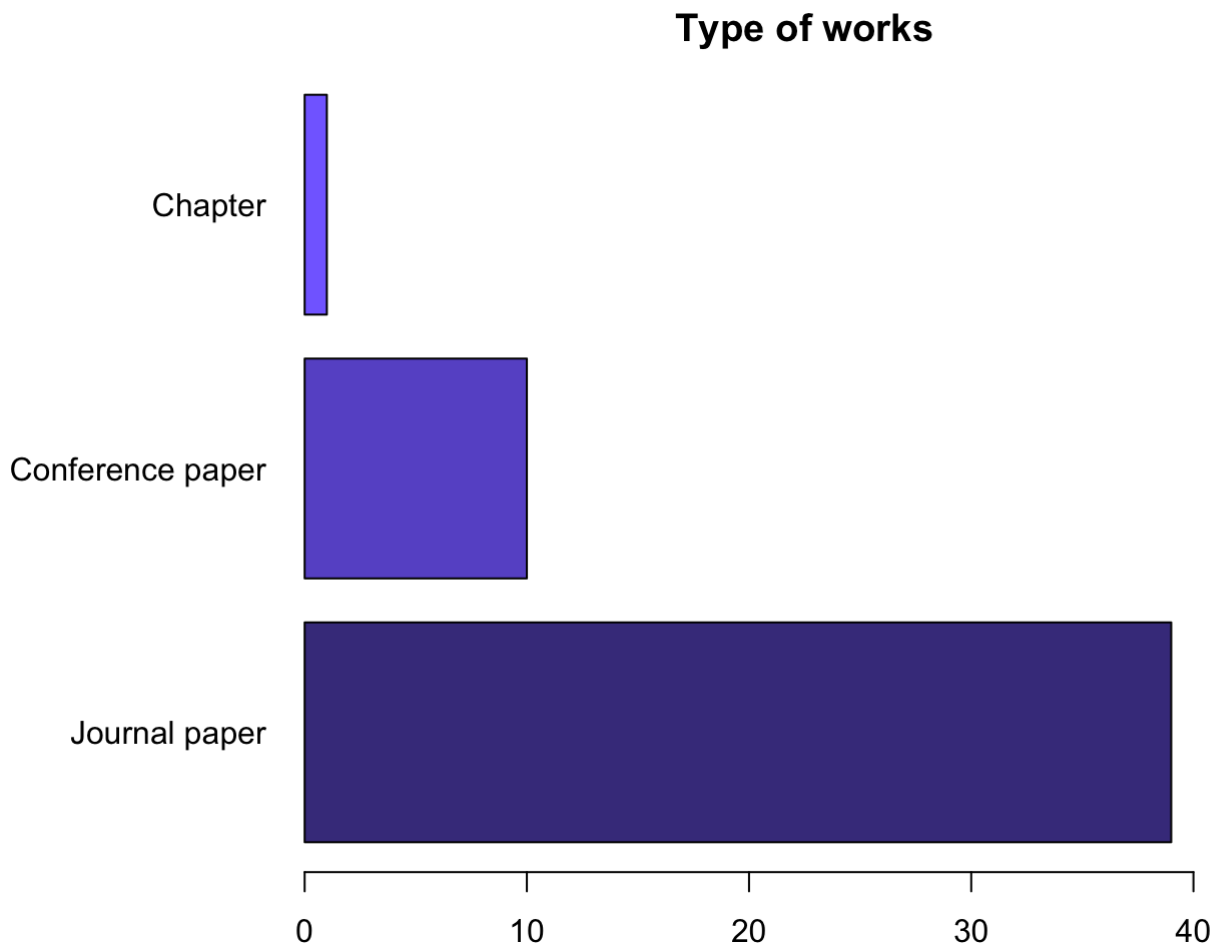
Felix and Renee

2022-11-09

Statistics, plots and figures

a. In total, there are 50 works in the dataset.
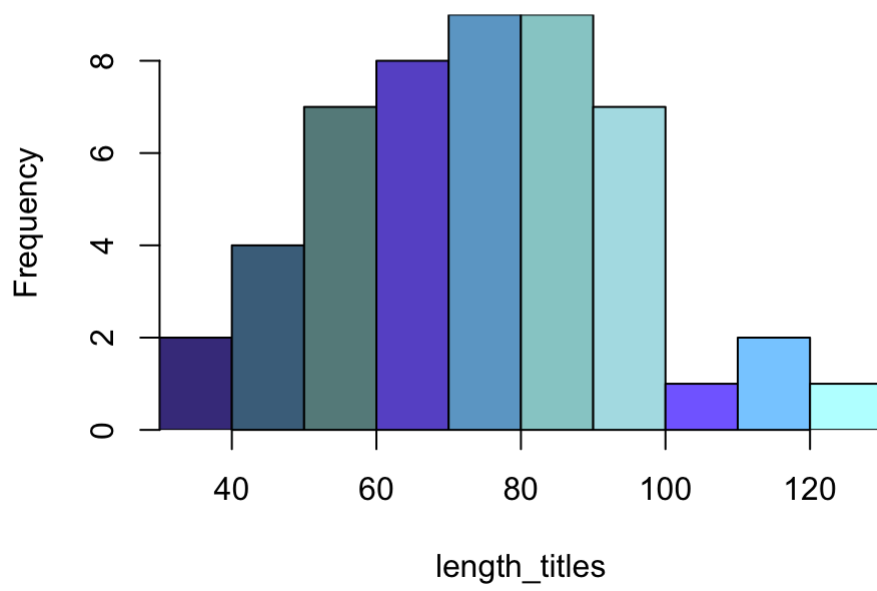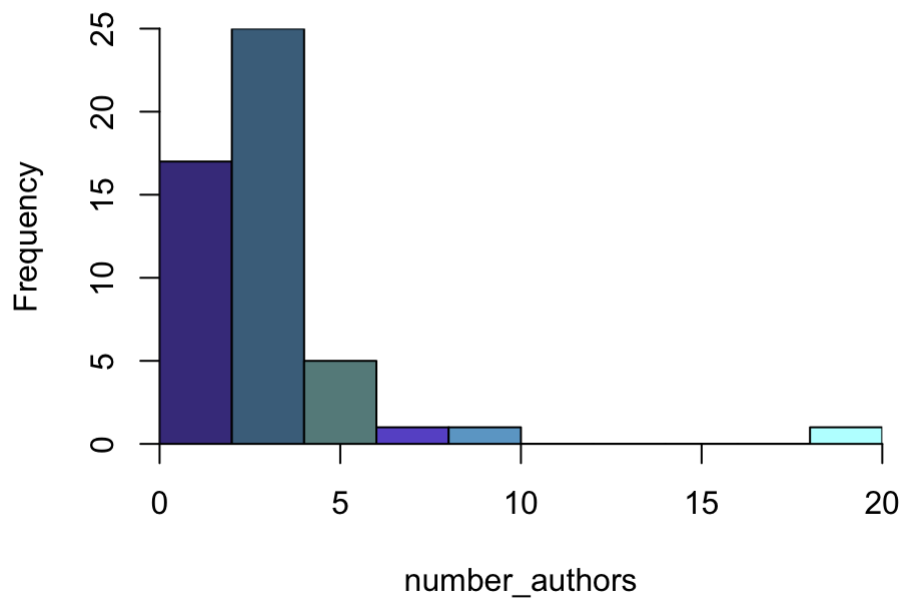
b.

Type of works

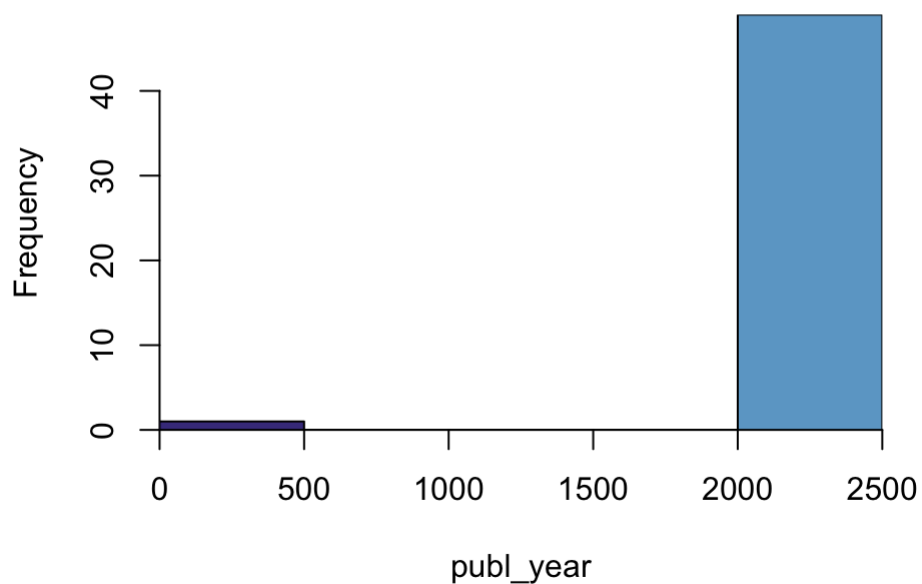c.

Descriptive statistics

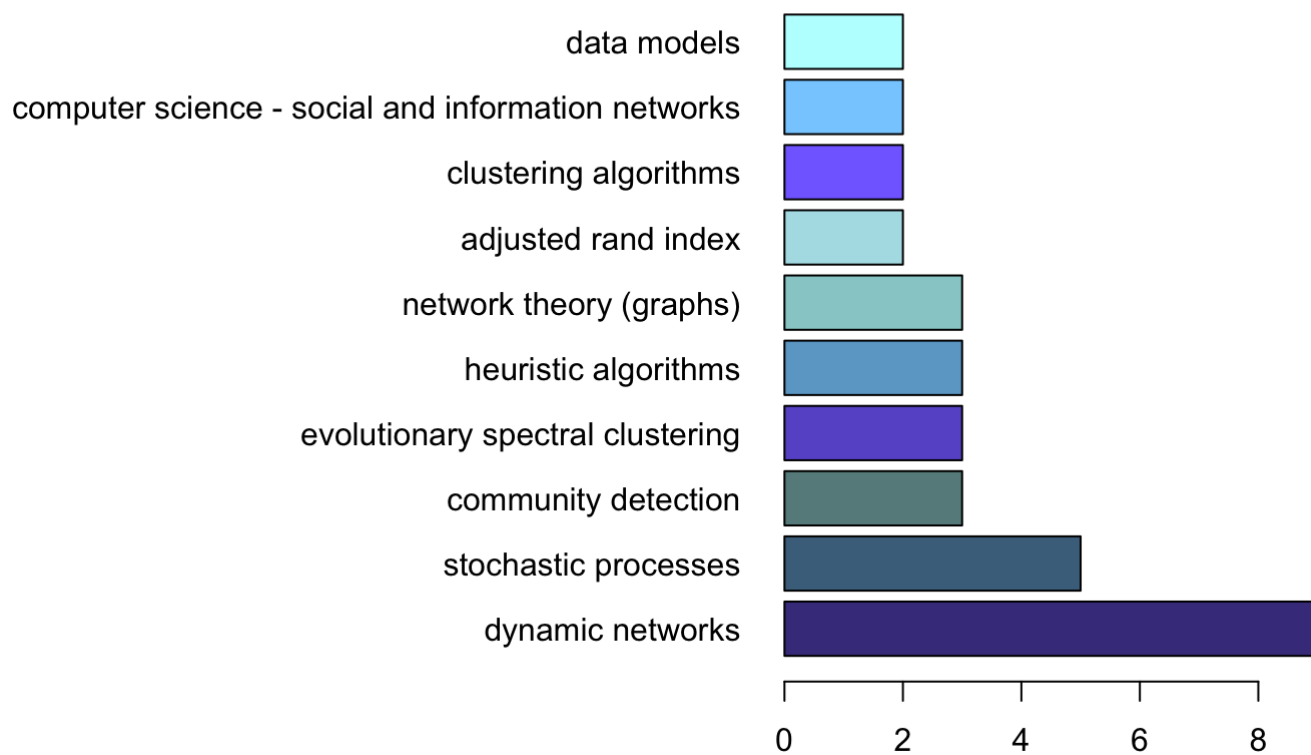|	n	mean	sd	min	max	skew	kurtosis
length_titles	50	75.18	20.424765	38	123	0.2496118	-0.5952791
number_authors	50	3.50	2.808515	1	20	4.1845581	21.2488427
publ_year	50	1975.54	285.110448	0	2021	-6.6506247	43.1025189

Histogram of length_titles

Histogram of number_authors

Histogram of publ_year

d.

Most frequent keywords (first 10)

e.

Wordcloud based on titles and abstracts (first 100)