

**Cite this dataset**

**PEREZ-LLANTADA, CARMEN (2021), “Data set\_3\_Genres and languages in science communication: the multiple dimensions of the science-policy interface\_Cross-disciplinary trends of language choice in professional and public communication of science online”, Mendeley Data, V1, doi: 10.17632/7rb7tvybd6.1**

<http://dx.doi.org/10.17632/7rb7tvybd6.1>

Contributor: Carmen Pérez-Llantada

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Description: Languages used in scientific communication in the digital age

This dataset specifically looks into Questions 8 and 9 of the survey “Scientific communication in the digital age”. These questions enquire into languages for professional and public communication of science online. The dataset contains descriptive statistical data from the Mendeley datasets associated with the article “Genres and languages in science communication: the multiple dimensions of the science-policy interface” published in *Language and Communication* (see reference below). The findings show that plurilingual public communication of science is the preferred choice across the disciplines. As shown in the visuals, this trend is more marked in the Social Science and Education and in the Humanities and Arts (circa 65% of all responses in each disciplinary grouping).

Reference: Pérez-Llantada, C. (2021). Genres and languages in science communication: The multiple dimensions of the science-policy interface, *Language & Communication*, 78, 65-76. <https://doi.org/10.1016/j.langcom.2021.02.004>.

For further details see associated Datasets 1 & 2:

**PEREZ-LLANTADA, CARMEN (2021), “Dataset\_1\_Genres and languages in science communication: the multiple dimensions of the science-policy interface\_Survey\_design\_Scientific\_communication\_in\_the\_digital\_age”, Mendeley Data, V1, doi: 10.17632/wr3x9pkygz.1**

<http://dx.doi.org/10.17632/wr3x9pkygz.1>

**PEREZ-LLANTADA, CARMEN (2021), “Dataset\_2\_Genres and languages in science communication: the multiple dimensions of the science-policy interface\_Results of the descriptive statistical analysis”, Mendeley Data, V1, doi: 10.17632/ypxni8wjj7.1**

<http://dx.doi.org/10.17632/ypxni8wjj7.1>

**Question 8. What language(s) do you use when you disseminate your research work to other experts in your field? Mark only ONE option.**

Only English (my first language is English)

Only my first language (my first language is not English)

Only English (even if my first language is not English)

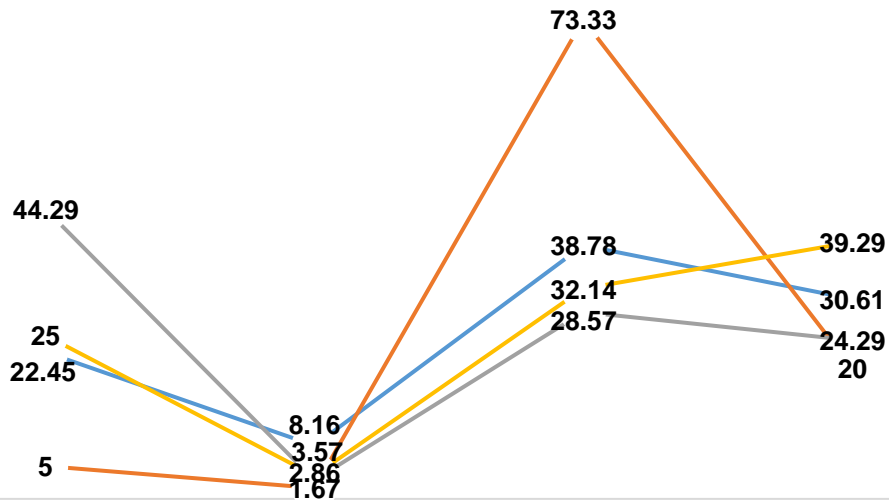
I use two or more languages

## Results

|   | Only English<br>(my first<br>language is<br>English) | Only my first<br>language (my<br>first language is<br>not English) | Only English<br>(even if my first<br>language is not<br>English) | I use two or<br>more languages |
|---|--|--|--|--------------------------------|
| Biomedical and<br>Health Sciences       | 22.45  | 8.16   | 38.78  | 30.61                          |
| Physical<br>Sciences and<br>Engineering | 5  | 1.67   | 73.33  | 20                             |
| Social Sciences<br>and Education        | 44.29  | 2.86   | 28.57  | 24.29                          |
| Humanities and<br>Arts                  | 25   | 3.57   | 32.14  | 39.29                          |

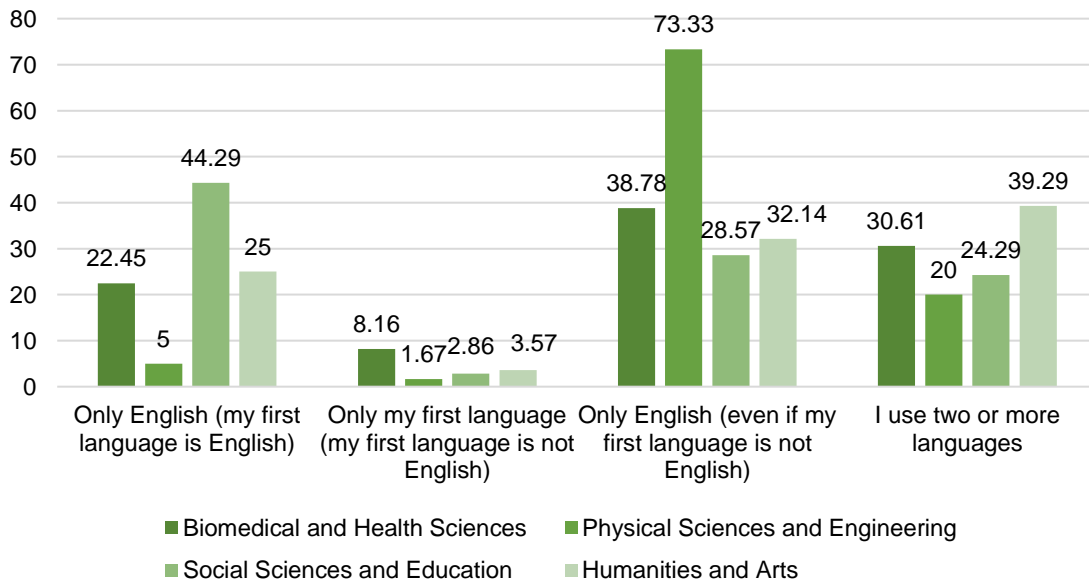
Table S1.Data set 3. Language choice in professional communication of science online

### LANGUAGE CHOICE IN PROFESSIONAL COMMUNICATION OF SCIENCE (%)



Only English (my first language is English)    Only my first language (my first language is not English)    Only English (even if my first language is not English)    I use two or more languages  
 — Biomedical and Health Sciences    — Physical Sciences and Engineering  
 — Social Sciences and Education    — Humanities and Arts

### LANGUAGE CHOICE IN PROFESSIONAL COMMUNICATION OF SCIENCE (%)



■ Biomedical and Health Sciences    ■ Physical Sciences and Engineering  
 ■ Social Sciences and Education    ■ Humanities and Arts

**Question 9. What language(s) do you use when you disseminate your research work to the general public? Please select ONE option.**

Only English (my first language is English)

Only my first language (my first language is not English)

Only English (even if my first language is not English)

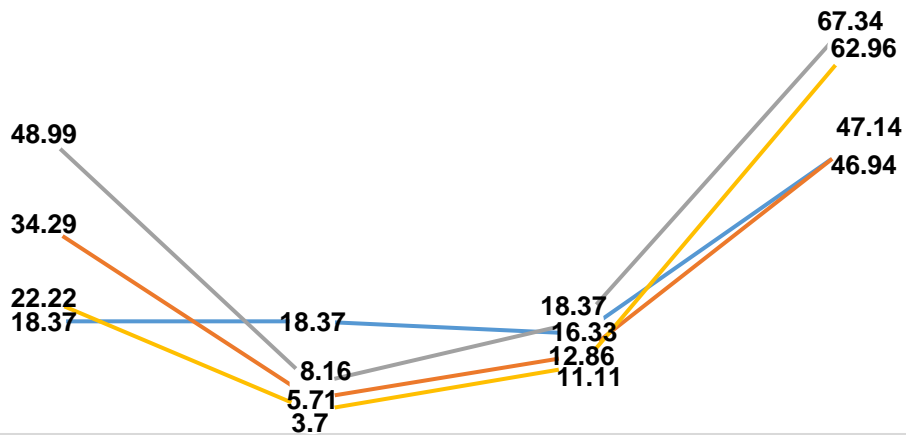
I use two or more languages

## Results

|   | Only English<br>(my first<br>language is<br>English) | Only my first<br>language (my<br>first language is<br>not English) | Only English<br>(even if my first<br>language is not<br>English) | I use two or<br>more languages |
|---|--|--|--|--------------------------------|
| Biomedical and<br>Health Sciences       | 18.37  | 18.37  | 16.33  | 46.94                          |
| Physical<br>Sciences and<br>Engineering | 34.29  | 5.71   | 12.86  | 47.14                          |
| Social Sciences<br>and Education        | 48.99  | 8.16   | 18.37  | 67.34                          |
| Humanities and<br>Arts                  | 22.22  | 3.7  | 11.11  | 62.96                          |

Table S3.Data set 3. Language choice in public communication of science online

### LANGUAGE CHOICE IN PUBLIC COMMUNICATION OF SCIENCE (%)



Only English (my first language is English)    Only my first language (my first language is not English)    Only English (even if my first language is not English)    I use two or more languages  
 — Biomedical and Health Sciences    — Physical Sciences and Engineering  
 — Social Sciences and Education    — Humanities and Arts

### LANGUAGE CHOICE IN PUBLIC COMMUNICATION OF SCIENCE (%)

