**Appendix**

**Table A1.** Distribution of the graduated PhD students based on the type of institutions and subjects.

|  |  |  |  |
| --- | --- | --- | --- |
| Institution | Number | Subject | Number |
| Clinical | 200 | basic | 109 |
| clinical | 75 |
| other + mixed | 16 |
| Theoretical | 267 | basic | 231 |
| clinical | 20 |
| other + mixed | 15 |
| Mixed | 9 | basic | 9 |
|  | 476 |  |  |

Basic-clinical comparison (clinical): *𝜒*2 = 6.29, df=1, *p*=0.012

Basic-clinical comparison (theoretical): *𝜒*2 = 177.37, df=1, *p*<0.001

Basic-clinical comparison (clinical+theoretical+mixed): *𝜒*2 = 145.31, df=1, *p*<0.001

**Table A2.** Distribution of SCImago Journal Ranking (SJR) of publications.

|  |  |
| --- | --- |
| Subject | SJR |
| Q1 | Q2 | Q3 | Q4 |
| Basic | 630 | 302 | 45 | 13 |
| Clinical | 139 | 93 | 22 | 10 |
| Other+ Mixed | 60 | 23 | 5 | 0 |
| Summary | 829 | 418 | 72 | 23 |

Basic: *𝜒*2 = 73.64, df=1, *p*<0.001

Clinical: *𝜒*2 = 0.74, df=1, *p*=0.389

Basic+clinical+other+mixed: *𝜒*2 = 74.41, df=1, *p*<0.001

Statistical analysis examining whether the number of Q1 publications in a given group is significantly different from all other ranking categories

**Table A3.** Distribution of publications based on SCImago Journal and Country Rank (SJR) and impact factors

|  |  |
| --- | --- |
| Subject | SJR |
| Q1 | Q2 | Q3 | Q4 |
| Basic (*n*) | 630 | 302 | 45 | 13 |
| Clinical (*n*) | 139 | 93 | 22 | 10 |
| Subject | SJR |
| Q1 | Q2 | Q3 | Q4 |
| Basic | 0.636 | 0.305 | 0.045 | 0.013 |
| Clinical | 0.527 | 0.352 | 0.083 | 0.038 |
| *p*-value (overall) | *p*-value (adj.) | *p*-value (adj.) | *p*-value (adj.) | *p*-value (adj.) |
| <0.001 | 0.005 | 0.157 | 0.049 | 0.049 |

|  |  |
| --- | --- |
| Subject | Impact factors |
| <1 | 1–2 | 2–3 | 3–4 | >4 |
| Basic (*n*) | 93 | 204 | 351 | 217 | 156 |
| Clinical (*n*) | 44 | 91 | 77 | 38 | 22 |
| Subject | Impact factors |
| <1 | 1–2 | 2–3 | 3–4 | >4 |
| Basic | 0.091 | 0.200 | 0.344 | 0.213 | 0.153 |
| Clinical | 0.162 | 0.335 | 0.283 | 0.140 | 0.081 |
| *p*-value (overall) | *p*-value (adj.) | *p*-value (adj.) | *p*-value (adj.) | *p*-value (adj.) | *p*-value (adj.) |
| <0.001 | 0.005 | <0.001 | 0.06 | 0.015 | 0.006 |

The distribution of basic and clinical articles by Q-ranking and IF is compared with Fisher's test. Then, for each category, the difference between the proportion of basic and clinical articles is compared using Holm's correction.