Graphical user interface, text, application, email

Description automatically generated

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Letter writer academic rank | | | |  |  |
| Full professor | | Not Professor | | OR | P-Value |
| N | % | N | % |
| Agentic | 832 | 41.39303 | 3761 | 44.09661 | 0.895387339 | 0.027830414 |
| Communal | 374 | 18.60697 | 1624 | 19.04092 | 0.971999319 | 0.680959213 |
| Grindstone | 221 | 10.99502 | 958 | 11.23227 | 0.976269385 | 0.783157828 |
| Standout | 506 | 25.17413 | 1819 | 21.32724 | 1.24105921 | 0.000233477 |
| Social | 23 | 1.144279 | 103 | 1.207645 | 0.946921983 | 0.909278033 |
| Radiology | 44 | 2.189055 | 212 | 2.485637 | 0.878011094 | 0.469330672 |
|  |  |  | 52 | 0.609685 |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | Letter writer academic rank | | | |  |  |
| Full professor | | Not Professor (unknown excluded) | | OR | P-Value |
| N | % | N | % |
| Agentic | 832 | 41.39303 | 3001 | 44.63781 | 0.875968339 | 0.010421978 |
| Communal | 374 | 18.60697 | 1267 | 18.84575 | 0.984432742 | 0.819909857 |
| Grindstone | 221 | 10.99502 | 745 | 11.08136 | 0.991246281 | 0.935431303 |
| Standout | 506 | 25.17413 | 1411 | 20.98765 | 1.266583229 | 8.00E-05 |
| Social | 23 | 1.144279 | 81 | 1.204819 | 0.949169602 | 0.906948724 |
| Radiology | 44 | 2.189055 | 170 | 2.528633 | 0.862701215 | 0.412011925 |
|  |  |  |  |  |  |  |

Graphical user interface, text, application, email

Description automatically generated

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **prof** | **not\_prof** | ***prof\_t\_stat*** | ***prof\_p\_value*** | **asso\_prof** | **not\_asso\_prof** | **asso\_prof\_t\_stat** | **asso\_prof\_p\_value** | **asis\_prof** | **not\_asis\_prof** | **asis\_prof\_t\_stat** | **asis\_prof\_p\_value** | **others** |
| **average sentence count** | 18.49 | 18.35 | *0.23* | *0.81* | 20.53 | 17.94 | 4.74 | 0.000002 | 17.74 | 18.56 | -1.75 | 0.080 | 17.25 |
| **average word count** | 355.74 | 341.96 | *1.18* | *0.23* | 385.79 | 336.19 | 4.23 | 0.00002 | 340.8 | 345.62 | -0.50 | 0.613 | 313.19 |

Graphical user interface, text, application, email

Description automatically generated

|  |  |  |  |
| --- | --- | --- | --- |
| **female\_avg\_letter\_count** | **male\_avg\_letter\_count** | **t\_stats** | **p\_value** |
| 3.054794521 | 3.084291188 | -0.42806 | 0.668883 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **female** | **male** | **t\_stat** | **p\_value** |
| **average sentence count** | 19.21525 | 18.10435 | 2.205165 | 0.027664 |
| **average word count** | 356.9238 | 340.4087 | 1.513696 | 0.130411 |