|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 1: Descriptive Statistics** | | |  | |  | |  | |  | |  | |
|  | All Disciplines | | | | | Clinical Medicine Subset | | | | | |
| Statistic | N | Mean | | St. Dev. | | N | | Mean | | St. Dev. | |
| Hirsch Index | 42,509 | 45.6 | | 21 | | 16,041 | | 53.2 | | 22.1 | |
| % Female Name | 42,509 | 19.1 | | 37.7 | | 16,041 | | 19.7 | | 38.4 | |
| % Sole Author Publications | 42,509 | 9.8 | | 12.3 | | 16,041 | | 8.2 | | 9.1 | |
| # of Citations | 42,509 | 10,876.80 | | 12,910.80 | | 16,041 | | 14,005.30 | | 14,971.50 | |
| University Count | 42,509 | 198.3 | | 203.1 | | 16,041 | | 182 | | 200.2 | |
| % Disciplinarity | 42,509 | 73.1 | | 19.2 | | 16,041 | | 79.9 | | 16.9 | |
| Age | 42,509 | 35.5 | | 9.9 | | 16,041 | | 36.1 | | 9.2 | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table 2: A Multilevel Model of the Hirsch Index** | | | | |
|  | | | | |
|  |  | | | |
|  | All Disciplines | | Clinical Medicine Subset | |
|  | Null Model | Full Model | Null Model | Full Model |
|  | (1) | (2) | (3) | (4) |
|  | | | | |
| % Female Name |  | -0.01\*\*\* |  | -0.01\*\*\* |
| % Sole Author Publications |  | -0.28\*\*\* |  | -0.34\*\*\* |
| # of Citations (1996-2019) |  | 0.12\*\*\* |  | 0.12\*\*\* |
| University Count (# of Citation Allstars) |  | 0.004\*\*\* |  | 0.003\*\*\* |
| Disciplinarity Score |  | -0.001 |  | 0.02\*\*\* |
| Age (Years Publishing) |  | 0.18\*\*\* |  | 0.17\*\*\* |
| Constant | 41.08\*\*\* | 40.94\*\*\* | 51.00\*\*\* | 49.30\*\*\* |
| ICC | .23 |  | .16 |  |
| *N* | 42,509 | 42,509 | 16,041 | 16,041 |
| Log Likelihood | -183,302.70 | -154,035.40 | -71,248.87 | -58,339.33 |
| AIC | 366,611.30 | 308,088.70 | 142,503.70 | 116,696.70 |
| BIC | 366,637.30 | 308,166.70 | 142,526.80 | 116,765.80 |
|  | | | | |
| \*p < .05; \*\*p < .01; \*\*\*p < .001 | | | | |
| Data: Ioannidis et al. (2019)  **Figure 1: Distribution of Estimated Disciplinary Hirsch Index Means (All Disciplines)** | | | | |

**Figure 2: Distribution of Estimated Disciplinary Hirsch Index Means (Clinical Medicine Subset)**

Graphical user interface, application, table

Description automatically generated