# S4 Table. The level of scholarly activity on Twitter by discipline, gender, age, and occupation.

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| **Characteristic** | **Tweets less than weekly** | **Tweets at least weekly** | **P-value\*** |
| **N** | 565 (34.1%) | 1092 (65.9%) | - |
| **Academic Background** Social Sciences Humanities Engineering/Technology Natural Sciences Medical/Health Sciences Agricultural Sciences  | 1187 (31%)134 (38%)91 (38%)77 (34%)66 (32%)10 (56%) | 421 (69%)223 (62%)148 (62%)151 (66%)141 (68%)8 (44%) | 0.057 |
| **Self-classified Researcher**  | 299 (32%) | 646 (68%) | 0.015 |
| **Years involved in research\*\*** 0-1  2-5 5-10 10-20 20+ | 10 (42%)55 (30%)84 (32%)87 (29%)66 (35%) | 14 (58%)126 (70%)177 (68%)217 (71%)122 (65%) | 0.117 |
| **Year first article published\*\*\*, median (min, max)** | 2007 (1964, 2016) | 2006 (1968, 2016) | 0.708 |
| **Sector of work** Academia Government Industry/Professional | 301 (32%)24 (36%)239 (37%) | 646 (68%)42 (64%)404 (63%) | 0.078 |
| **Current Position** Administrative Staff Faculty Journalist Manager Professional Staff Researcher Student | 52 (30%)159 (32%)17 (20%)43 (36%)177 (42%)56 (28%)60 (39%) | 121 (70%)343 (68%)67 (80%)76 (64%)245 (58%)142 (72%)95 (61%) | <0.001 |
| **Males** | 290 (32%) | 626 (68%) | 0.020 |
| **Females** | 271(30%) | 459(70%) | 0.020 |
| **Age\*\*** <21 21-30 31-40 41-50 51-60 60+ | 2 (20%)131 (42%)175 (33%)130 (32%)78 (30%)45 (33%) | 8 (80%)181 (58%)351 (67%)276 (68%)179 (70%)93 (67%) | 0.019 |
| **age of twitter account, years** <1 1-2  2-5 5-8 8+ | 9 (32%)59 (41%)237 (35%)206 (32%)50 (29%) | 19 (68%)85 (59%)435 (65%)430 (68%)121 (71%) | 0.032 |

\*p-value from chi-square test unless otherwise noted. \*\*p-value from Cochran-Armitage Trend test. \*\*\* Mann-Whitney test.