**Table S2.1 : Regression coefficients of the Web of Science models (rank and concept conflict)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | mean | sd | hdi\_3% | Hdi\_97% | mcse\_mean | mcse\_sd | ess\_bulk | ess\_tail | r\_hat |
| counts[rank] | -0.375 | 0.068 | -0.503 | -0.248 | 0.001 | 0.000 | 12736.0 | 15484.0 | 1.0 |
| counts[concept] | 0.321 | 0.046 | 0.235 | 0.409 | 0.000 | 0.000 | 13972.0 | 15152.0 | 1.0 |
| zeros[rank] | 0.632 | 0.080 | 0.486 | 0.786 | 0.001 | 0.001 | 12287.0 | 14311.0 | 1.0 |
| zeros[concept] | 0.016 | 0.087 | -0.152 | 0.175 | 0.001 | 0.001 | 15476.0 | 15422.0 | 1.0 |
| cutpoints\_concept[0] | 2.397 | 0.060 | 2.284 | 2.509 | 0.001 | 0.000 | 13510.0 | 15056.0 | 1.0 |
| cutpoints\_concept[1] | 4.086 | 0.084 | 3.930 | 4.246 | 0.001 | 0.000 | 18292.0 | 15989.0 | 1.0 |
| cutpoints\_rank[0] | 2.181 | 0.066 | 2.057 | 2.306 | 0.001 | 0.000 | 11180.0 | 13530.0 | 1.0 |
| cutpoints\_rank[1] | 2.193 | 0.066 | 2.068 | 2.317 | 0.001 | 0.000 | 11211.0 | 13826.0 | 1.0 |
| cutpoints\_rank[2] | 2.229 | 0.067 | 2.103 | 2.354 | 0.001 | 0.000 | 11229.0 | 13724.0 | 1.0 |
| cutpoints\_rank[3] | 4.383 | 0.103 | 4.192 | 4.579 | 0.001 | 0.001 | 16063.0 | 14072.0 | 1.0 |

**Table S2.2 : Regression coefficients of the GBIF models (rank and concept conflict)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | mean | sd | hdi\_3% | Hdi\_97% | mcse\_mean | mcse\_sd | ess\_bulk | ess\_tail | r\_hat |
| counts[rank] | -0.688 | 0.028 | -0.742 | -0.637 | 0.000 | 0.000 | 17152.0 | 14309.0 | 1.0 |
| counts[concept] | 0.078 | 0.025 | 0.032 | 0.125 | 0.000 | 0.000 | 15108.0 | 12877.0 | 1.0 |
| zeros[rank] | 0.232 | 0.143 | -0.038 | 0.495 | 0.001 | 0.001 | 20608.0 | 16666.0 | 1.0 |
| zeros[concept] | 0.137 | 0.232 | -0.306 | 0.571 | 0.002 | 0.001 | 22212.0 | 15791.0 | 1.0 |
| cutpoints\_rank[0] | 0.094 | 0.085 | -0.072 | 0.245 | 0.001 | 0.001 | 16693.0 | 13783.0 | 1.0 |
| cutpoints\_rank[1] | 0.107 | 0.085 | -0.056 | 0.261 | 0.001 | 0.001 | 16777.0 | 13825.0 | 1.0 |
| cutpoints\_rank[2] | 0.147 | 0.085 | -0.017 | 0.301 | 0.001 | 0.001 | 16917.0 | 14070.0 | 1.0 |
| cutpoints\_rank[3] | 2.441 | 0.112 | 2.236 | 2.654 | 0.001 | 0.001 | 19981.0 | 15381.0 | 1.0 |
| cutpoints\_concept[0] | 2.445 | 0.096 | 2.264 | 2.623 | 0.001 | 0.001 | 15189.0 | 13053.0 | 1.0 |
| cutpoints\_concept[1] | 4.128 | 0.112 | 3.917 | 4.338 | 0.001 | 0.001 | 17088.0 | 13524.0 | 1.0 |

**Table S2.3 : Regression coefficients of the Google models (rank and concept conflict)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | mean | sd | hdi\_3% | Hdi\_97% | mcse\_mean | mcse\_sd | ess\_bulk | ess\_tail | r\_hat |
| googlecounts[rank] | -1.767 | 0.053 | -1.869 | -1.671 | 0.000 | 0.000 | 14747.0 | 13723.0 | 1.0 |
| googlecounts[concept] | 0.168 | 0.048 | 0.079 | 0.259 | 0.000 | 0.000 | 17223.0 | 12776.0 | 1.0 |
| cutpoints\_rank[0] | -4.232 | 0.184 | -4.588 | -3.901 | 0.002 | 0.001 | 14711.0 | 13560.0 | 1.0 |
| cutpoints\_rank[1] | -4.217 | 0.184 | -4.560 | -3.873 | 0.002 | 0.001 | 14698.0 | 13533.0 | 1.0 |
| cutpoints\_rank[2] | -4.175 | 0.184 | -4.529 | -3.845 | 0.002 | 0.001 | 14718.0 | 13399.0 | 1.0 |
| cutpoints\_rank[3] | -1.747 | 0.186 | -2.110 | -1.414 | 0.001 | 0.001 | 16830.0 | 14594.0 | 1.0 |
| cutpoints\_concept[0] | 2.818 | 0.191 | 2.456 | 3.173 | 0.001 | 0.001 | 17198.0 | 12879.0 | 1.0 |
| cutpoints\_concept[1] | 4.501 | 0.199 | 4.122 | 4.870 | 0.001 | 0.001 | 17859.0 | 13765.0 | 1.0 |