## Supplementary Table 3. Institutional affiliation of first and last authors by national income level and region, research and non-research articles

| Income level<br>and region -<br>institutional<br>affiliation | Research articles |                  |                 |                 | Non-research articles |                  |                 |                |
|--|-------------------|------------------|-----------------|-----------------|-----------------------|------------------|-----------------|----------------|
|  | First authors     |                  | Last authors    |                 | First authors         |                  | Last authors    |                |
|  | % first authors   | %<br>women       | % last authors  | %<br>women      | % first authors       | %<br>women       | % last authors  | %<br>women     |
| High-income countries  | 69%               | 42%              | 74%             | 22%             | 82%                   | 42%              | 82%             | 32%            |
|  | (194/280)         | (80/191)         | (204/277)       | (44/204)        | (206/250)             | (87/206)         | (155/190)       | (50/155)       |
| Middle-<br>income<br>countries                               | 19%<br>(54/280)   | 39%<br>(19/49)   | 16%<br>(43/277) | 24%<br>(10/41)  | 13%<br>(33/250)       | 35%<br>(11/31)   | 14%<br>(26/190) | 33%<br>(8/24)  |
| Low-income countries   | 5%                | 15%              | 5%              | 33%             | 2%                    | 67%              | 2%              | 50%            |
|  | (15/280)          | (2/13)           | (15/277)        | (4/12)          | (6/250)               | (4/6)            | (4/190)         | (2/4)          |
| Dual   | 6%                | 35%              | 5%              | 33%             | 2%                    | 60%              | 3%              | 20%            |
| affiliation  | (17/280)          | (6/17)           | (15/277)        | (5/15)          | (5/250)               | (3/5)            | (5/190)         | (1/5)          |
| Northern   | 36%               | 36%              | 40%             | 21%             | 43%                   | 33%              | 44%             | 24%            |
| America  | (102/280)         | (37/102)         | (110/277)       | (23/110)        | (108/250)             | (36/108)         | (83/190)        | (20/83)        |
| Latin America<br>and the<br>Caribbean                        | 1%<br>(3/280)     | 33%<br>(1/3)     | 0.4%<br>(1/277) | 0%<br>(0/1)     | 1%<br>(2/250)         | 0%<br>(0/2)      | 0%<br>(0/190)   | 0%<br>(0/0)    |
| Europe   | 28%               | 43%              | 29%             | 27%             | 32%                   | 51%              | 32%             | 43%            |
|  | (77/280)          | (33/77)          | (81/277)        | (22/81)         | (81/250)              | (41/81)          | (61/190)        | (26/61)        |
| Middle East<br>and North<br>Africa<br>(MENA)                 | 3%<br>(9/280)     | 71%<br>(5/7)     | 3%<br>(7/277)   | 0%<br>(0/7)     | 0.4%<br>(1/250)       | 0%<br>(0/1)      | 1%<br>(2/190)   | 0%<br>(0/2)    |
| Sub-Saharan  | 12%               | 32%              | 9%              | 30%             | 6%                    | 40%              | 6%              | 25%            |
| Africa (SSA)   | (33/280)          | (10/31)          | (26/277)        | (7/23)          | (16/250)              | (6/15)           | (12/190)        | (3/12)         |
| Asia   | 11%               | 31%              | 10%             | 16%             | 8%                    | 47%              | 9%              | 40%            |
|  | (32/280)          | (8/26)           | (27/277)        | (4/25)          | (20/250)              | (9/19)           | (17/190)        | (6/15)         |
| Oceania  | 1%                | 50%              | 3%              | 14%             | 6%                    | 64%              | 5%              | 44%            |
|  | (4/280)           | (2/4)            | (7/277)         | (1/7)           | (14/250)              | (9/14)           | (9/190)         | (4/9)          |
| Dual   | 7%                | 55%              | 7%              | 33%             | 3%                    | 50%              | 3%              | 33%            |
| affiliation  | (20/280)          | (11/20)          | (18/277)        | (6/18)          | (8/250)               | (4/8)            | (6/190)         | (2/6)          |
| Total  | 100%              | 40%<br>(107/270) | 100%            | 23%<br>(63/272) | 100%                  | 40%<br>(105/248) | 100%            | 32%<br>(61/188 |

Notes: Single authors are included in the First Author calculation and excluded in Last Authors calculations. Where location of affiliation and/or gender of the author could not be determined, those authors were excluded from analysis, which accounts for shifting denominators. Eleven non-research articles authored by the journal were excluded from analysis.