# Additional file 2

Table S2.1. The Bayesian information criterion (BIC) in the joinpoint regression. The model with the smallest BIC was selected for AAPC 1 estimation in each research discipline.

| Country      | Research area       | Number of joinpoint(s) | BIC    | Selected joinpoint(s) |
|--------------|---------------------|------------------------|--------|-----------------------|
| (1) All countries | Three areas combined | 0                      | 3.205  |                       |
|              |                     | 1                      | 1.210  |                       |
|              |                     | 2                      | 0.710  |                       |
|              |                     | 3                      | **0.703** | 3                    |
|              |                     | 4                      | 0.820  |                       |
|              | Laboratory sciences | 0                      | 1.936  |                       |
|              |                     | 1                      | 0.307  |                       |
|              |                     | 2                      | -0.171 |                       |
|              |                     | 3                      | **-0.178** | 3                    |
|              |                     | 4                      | 0.042  |                       |
|              | Clinical research   | 0                      | 3.291  |                       |
|              |                     | 1                      | 1.044  |                       |
|              |                     | 2                      | 0.570  |                       |
|              |                     | 3                      | 0.546  |                       |
|              |                     | 4                      | **0.535** | 4                    |
|              | Public health       | 0                      | 2.964  |                       |
|              |                     | 1                      | 1.836  |                       |
|              |                     | 2                      | **0.959** | 2                    |
|              |                     | 3                      | 1.011  |                       |
|              |                     | 4                      | 1.107  |                       |
| (2) Top 13 countries | Three areas combined | 0                      | 2.868  |                       |
|              |                     | 1                      | 1.288  |                       |
|              |                     | 2                      | **0.609** | 2                    |
|              |                     | 3                      | 0.714  |                       |
|              |                     | 4                      | 0.874  |                       |
|              | Laboratory sciences | 0                      | 1.638  |                       |
|              |                     | 1                      | 0.422  |                       |
|              |                     | 2                      | **-0.010** | 2                    |
|              |                     | 3                      | 0.002  |                       |
|              |                     | 4                      | 0.233  |                       |
|              | Clinical research   | 0                      | 2.900  |                       |
|              |                     | 1                      | 1.064  |                       |
|              |                     | 2                      | **0.524** | 2                    |
|              |                     | 3                      | 0.604  |                       |
|              |                     | 4                      | 0.602  |                       |
|              | Public health       | 0                      | 3.069  |                       |
|              |                     | 1                      | 1.788  |                       |
|              |                     | 2                      | **1.164** | 2                    |
|              |                     | 3                      | 1.255  |                       |
|              |                     | 4                      | 1.300  |                       |
| (3) United States | Three areas combined | 0                      | 2.243  |                       |
|              |                     | 1                      | 0.555  |                       |
|              |                     | 2                      | **0.513** | 2                    |
|              |                     | 3                      | 0.724  |                       |
|              |                     | 4                      | 0.935  |                       |
|              | Laboratory sciences | 0                      | 0.775  |                       |
|              |                     | 1                      | 0.215  |                       |
|              |                     | 2                      | **0.201** | 2                    |
|              |                     | 3                      | 0.298  |                       |
|              |                     | 4                      | 0.425  |                       |
|              | Clinical research   | 0                      | 1.993  |                       |
|              |                     | 1                      | 0.339  |                       |
|              |                     | 2                      | 0.274  |                       |
|              |                     | 3                      | **0.261** | 3                    |
|              |                     | 4                      | 0.412  |                       |
|              | Public health       | 0                      | 2.281  |                       |
|   | United Kingdom |  | Italy |  | Canada |
|---|----------------|---|-------|---|--------|
|   | Three areas combined |  | Three areas combined |  | Three areas combined |
| 1 | 0.754 | 1 | 0.263 | 1 | 1.422 |
| 2 | 0.963 | 2 | 0.444 | 2 | 0.836 |
| 3 | 1.110 | 3 | 0.565 | 3 | 0.644 |
| 4 | 1.207 | 4 | 0.778 | 4 | 1.053 |
|   | Laboratory sciences |  | Laboratory sciences |  | Laboratory sciences |
| 0 | 2.079 | 0 | 0.415 | 0 | -0.335 |
| 1 | 0.513 | 1 | -0.649 | 1 | -1.139 |
| 2 | 0.465 | 2 | -0.541 | 2 | -1.029 |
| 3 | 0.384 | 3 | -0.423 | 3 | -0.858 |
| 4 | 0.435 | 4 | -0.205 | 4 | -0.661 |
|   | Clinical research |  | Clinical research |  | Clinical research |
| 0 | 1.594 | 0 | 1.077 | 0 | 1.335 |
| 1 | -0.032 | 1 | 0.536 | 1 | 0.642 |
| 2 | -0.249 | 2 | -0.541 | 2 | -1.029 |
| 3 | -0.156 | 3 | -0.423 | 3 | -0.858 |
| 4 | 0.032 | 4 | -0.205 | 4 | -0.661 |
|   | Public health |  | Public health |  | Public health |
| 0 | 1.118 | 0 | 0.790 | 0 | 0.304 |
| 1 | 0.806 | 1 | 0.397 | 1 | 0.397 |
| 2 | 0.563 | 2 | 0.589 | 2 | 0.589 |
| 3 | 0.061 | 3 | 0.550 | 3 | 0.550 |
| 4 | 0.055 | 4 | 0.055 | 4 | 0.055 |
|     | South Africa | Three areas combined | 0 | 0.660 |
|-----|--------------|---------------------|---|-------|
|     |              |                     | 1 | -0.081|
|     |              |                     | 2 | 0.103 |
|     |              |                     | 3 | 0.346 |
|     |              |                     | 4 | 0.582 |
|     | Laboratory sciences | 0  | 0.287 |
|     |              |                     | 1 | -0.185|
|     |              |                     | 2 | -0.003|
|     |              |                     | 3 | 0.080 |
|     |              |                     | 4 | 0.279 |
|     | Clinical research | 0  | 0.733 |
|     |              |                     | 1 | -0.342|
|     |              |                     | 2 | -0.399|
|     |              |                     | 3 | -0.830|
|     |              |                     | 4 | -0.751|
|     | Public health | 0  | 0.383 |
|     |              |                     | 1 | -0.191|
|     |              |                     | 2 | 0.009 |
|     |              |                     | 3 | 0.179 |
|     |              |                     | 4 | 0.359 |
|     | Spain        | Three areas combined | 0 | 1.973 |
|     |              |                     | 1 | 1.289 |
|     |              |                     | 2 | 0.977 |
|     |              |                     | 3 | 0.855 |
|     | Laboratory sciences | 4  | 0.812 |
|     |              |                     | 1 | 0.575 |
|     |              |                     | 2 | 0.499 |
|     |              |                     | 3 | 0.432 |
|     |              |                     | 4 | 0.260 |
|     | Clinical research | 0  | 0.651 |
|     |              |                     | 1 | 0.620 |
|     |              |                     | 2 | 0.693 |
|     |              |                     | 3 | 0.672 |
|     |              |                     | 4 | 0.755 |
|     | Public health | 0  | 0.761 |
|     |              |                     | 1 | 0.296 |
|     |              |                     | 2 | 0.229 |
|     |              |                     | 3 | 0.113 |
|     |              |                     | 4 | -0.066|
|     | China        | Three areas combined | 0 | 0.335 |
|     |              |                     | 1 | -0.718|
|     |              |                     | 2 | -0.925|
|     |              |                     | 3 | -0.999|
|     | Laboratory sciences | 4  | -0.753|
|     |              |                     | 1 | -0.136|
|     |              |                     | 2 | -0.115|
|     |              |                     | 3 | 0.030 |
|     |              |                     | 4 | 0.257 |
|     | Clinical research | 0  | 0.246 |
|     |              |                     | 1 | 0.185 |
|     |              |                     | 2 | 0.226 |
|     |              |                     | 3 | 0.344 |
|     |              |                     | 4 | 0.572 |
|     | Public health | 0  | -0.473|
|     |              |                     | 1 | -1.236|
|     |              |                     | 2 | -1.229|
|     |              |                     | 3 | -1.262|
|     |              |                     | 4 | -1.007|
|     | Germany      | Three areas combined | 0 | 2.085 |
|     |              |                     | 1 | 0.588 |

(7) South Africa

(8) Spain

(9) China

(10) Germany
|                | Laboratory sciences | Clinical research | Public health | Three areas combined |
|----------------|---------------------|------------------|--------------|----------------------|
| **Laboratory sciences** | 
| 0 | 1.286 | 1.105 | 0.069 | 1.053 |
| 1 | 0.953 | 1.145 | 0.019 | 1.015 |
| 2 | 0.959 | 1.240 | 0.217 | 1.055 |
| 3 | 0.563 | 0.837 | 0.329 | 0.741 |
| 4 | 0.790 | 0.333 | 0.255 | 0.688 |

|                | Laboratory sciences | Clinical research | Public health | Three areas combined |
|----------------|---------------------|------------------|--------------|----------------------|
| **Clinical research** | 
| 0 | -0.180 | -0.036 | -0.067 | 0.057 |
| 1 | -0.180 | 0.092 | 0.021 | 0.468 |
| 2 | -0.036 | 0.333 | 0.301 | 0.513 |
| 3 | 0.092 | 0.959 | 0.216 | 0.318 |
| 4 | 0.333 | 0.959 | 0.578 | 0.741 |

|                | Laboratory sciences | Clinical research | Public health | Three areas combined |
|----------------|---------------------|------------------|--------------|----------------------|
| **Public health** | 
| 0 | 0.578 | 0.333 | 0.790 | 1.033 |
| 1 | 0.959 | 0.333 | 0.959 | 1.006 |
| 2 | 0.959 | 1.006 | 0.959 | 1.006 |
| 3 | 0.809 | 0.959 | 0.578 | 0.741 |
| 4 | 0.600 | 0.959 | 0.255 | 0.688 |

|                | Laboratory sciences | Clinical research | Public health | Three areas combined |
|----------------|---------------------|------------------|--------------|----------------------|
| **Three areas combined** | 
| 0 | 0.069 | 0.019 | 0.019 | 0.057 |
| 1 | -0.067 | 0.031 | 0.031 | 0.057 |
| 2 | 0.019 | 0.175 | 0.175 | 0.468 |
| 3 | -0.174 | -0.099 | -0.099 | 0.318 |
| 4 | 0.015 | 0.217 | 0.217 | 0.688 |

**India**

**Brazil**

**France**

(11) India

(12) Brazil

(13) France
| Area                  | Netherlands  | South Korea |
|-----------------------|--------------|-------------|
|                       | Netherlands  | South Korea |
| Laboratory sciences   |              |             |
| 0                     | 0.682        | 1.176       |
| 1                     | -0.202       | 0.321       |
| 2                     | -0.372       | 0.539       |
| 3                     | **0.857**    | **0.435**   |
| 4                     | -0.837       | -0.478      |
| Clinical research     |              |             |
| 0                     | 1.286        | 1.422       |
| 1                     | 1.048        | 0.321       |
| 2                     | 0.347        | 0.611       |
| 3                     | **0.396**    | **0.505**   |
| 4                     | -0.228       | -0.339      |
| Public health         |              |             |
| 0                     | 0.362        | 0.893       |
| 1                     | **0.219**    | **0.225**   |
| 2                     | -0.056       | -0.321      |
| 3                     | 0.071        | 0.457       |
| 4                     | 0.277        | 0.696       |

(14) Netherlands

(15) South Korea
Table S2.2. The Bayesian information criterion (BIC) in the joinpoint regression. The model with the smallest BIC was selected for AAPC 2 estimation in each research discipline.

| Country       | Research area | Number of joinpoint(s) | BIC     | Selected joinpoint(s) |
|---------------|---------------|------------------------|---------|-----------------------|
| (1) All countries | Three areas combined | 0                      | 2.976   |                       |
|               |               | 1                      | 1.201   |                       |
|               |               | 2                      | 0.798   | 2                     |
|               |               | 3                      | 0.832   |                       |
|               |               | 4                      | 0.991   |                       |
|               | Laboratory sciences | 0                      | 1.486   |                       |
|               |               | 1                      | -0.219  |                       |
|               |               | 2                      | -0.266  |                       |
|               |               | 3                      | -0.277  | 3                     |
|               |               | 4                      | -0.136  |                       |
|               | Clinical research | 0                      | 3.189   |                       |
|               |               | 1                      | 1.307   |                       |
|               |               | 2                      | 1.065   |                       |
|               |               | 3                      | 0.941   |                       |
|               |               | 4                      | 0.737   | 4                     |
|               | Public health  | 0                      | 2.953   |                       |
|               |               | 1                      | 1.822   |                       |
|               |               | 2                      | 1.332   |                       |
|               |               | 3                      | 1.293   | 3                     |
|               |               | 4                      | 1.457   |                       |
| (2) Top 13 countries | Three areas combined | 0                      | 2.793   |                       |
|               |               | 1                      | 1.396   |                       |
|               |               | 2                      | 0.811   | 2                     |
|               |               | 3                      | 0.963   |                       |
|               |               | 4                      | 1.100   |                       |
|               | Laboratory sciences | 0                      | 1.177   |                       |
|               |               | 1                      | -0.060  |                       |
|               |               | 2                      | -0.160  | 2                     |
|               |               | 3                      | -0.132  |                       |
|               |               | 4                      | -0.072  |                       |
|               | Clinical research | 0                      | 2.875   |                       |
|               |               | 1                      | 1.378   |                       |
|               |               | 2                      | 0.916   |                       |
|               |               | 3                      | 0.756   |                       |
|               |               | 4                      | 0.643   | 4                     |
|               | Public health  | 0                      | 3.117   |                       |
|               |               | 1                      | 1.877   |                       |
|               |               | 2                      | 1.666   |                       |
|               |               | 3                      | 1.616   | 3                     |
|               |               | 4                      | 1.809   |                       |
| (3) United States | Three areas combined | 0                      | 2.262   |                       |
|               |               | 1                      | 0.586   | 1                     |
|               |               | 2                      | 0.689   |                       |
|               |               | 3                      | 0.931   |                       |
|               |               | 4                      | 1.117   |                       |
|               | Laboratory sciences | 0                      | 0.607   |                       |
|               |               | 1                      | 0.083   | 1                     |
|               |               | 2                      | 0.237   |                       |
|               |               | 3                      | 0.236   |                       |
|               |               | 4                      | 0.343   |                       |
|               | Clinical research | 0                      | 2.282   |                       |
|               |               | 1                      | 0.691   |                       |
|               |               | 2                      | 0.671   | 2                     |
|               |               | 3                      | 0.767   |                       |
|               |               | 4                      | 0.832   |                       |
|               | Public health  | 0                      | 2.661   |                       |
|               |               | 1                      | 1.004   | 1                     |
|               |               | 2                      | 1.197   |                       |
|               |               | 3                      | 1.289   |                       |
|               |               | 4                      | 1.514   |                       |
| Country          | Area                  | Combined | 1 | 2 | 3 | 4 |
|------------------|-----------------------|----------|---|---|---|---|
| **United Kingdom** | Three areas combined  | 0        | 1.977          | 0.426 | 0.368 | 0.210 |
|                  | Laboratory sciences   | 1        | 0.449          | 0.592 | 0.551 | 0.651 |
|                  | Clinical research     | 1        | 0.237          | 0.294 | 0.343 | 0.587 |
|                  | Public health         | 3        | 0.015          | 1.169 | 0.932 | 0.649 |
| **Italy**        | Three areas combined  | 0        | 1.085          | 0.355 | 0.867 | 0.895 |
|                  | Laboratory sciences   | 1        | -0.328         | -0.867 | -0.684 | -0.302 |
|                  | Clinical research     | 1        | 0.374          | 0.548 | 0.573 | 0.651 |
|                  | Public health         | 3        | 0.221          | 0.256 | 0.225 | 0.274 |
| **Canada**       | Three areas combined  | 0        | 1.362          | 0.930 | 0.931 | 1.110 |
|                  | Laboratory sciences   | 1        | -0.684         | -0.501 | -0.302 | -0.112 |
|                  | Clinical research     | 3        | 0.231          | 0.478 | 0.541 | 0.259 |
|                  | Public health         | 4        | 0.649          | 1.204 | 1.039 | 0.799 |
| **South Africa** | Three areas combined  | 0        | 0.303          | -0.490 | -0.275 |
|        | 0   | 1   | 2   | 3   | 4   | 5   |
|--------|-----|-----|-----|-----|-----|-----|
|        |     |     |     |     |     |     |
| Laboratory sciences |     |     |     |     |     |     |
| 0      | -0.088 |     |     |     |     |     |
| 1      | 0.171  |     |     |     |     |     |
| 2      | -0.301 |     |     |     |     |     |
| 3      | -0.145 |     |     |     |     |     |
| 4      | -0.016 |     |     |     |     |     |
| Clinical research |     |     |     |     |     |     |
| 0      | 0.222  |     |     |     |     |     |
| 1      | -0.665 |     |     |     |     |     |
| 2      | -0.677 |     |     |     |     |     |
| 3      | -0.553 |     |     |     |     |     |
| 4      | -0.326 |     |     |     |     |     |
| Public health |     |     |     |     |     |     |
| 0      | -0.010 |     |     |     |     |     |
| 1      | -0.469 |     |     |     |     |     |
| 2      | -0.339 |     |     |     |     |     |
| 3      | -0.147 |     |     |     |     |     |
| 4      | 0.081  |     |     |     |     |     |

| (8) Spain |        |     |     |     |     |     |
| Three areas combined |     |     |     |     |     |     |
| 0      | 1.913  |     |     |     |     |     |
| 1      | 1.112  |     |     |     |     |     |
| 2      | 0.843  |     |     |     |     |     |
| 3      | 0.673  |     |     |     |     |     |
| 4      | 0.445  |     |     |     |     |     |
| Laboratory sciences |     |     |     |     |     |     |
| 0      | 0.478  |     |     |     |     |     |
| 1      | 0.351  |     |     |     |     |     |
| 2      | 0.193  |     |     |     |     |     |
| 3      | 0.122  |     |     |     |     |     |
| 4      | -0.007 |     |     |     |     |     |
| Clinical research |     |     |     |     |     |     |
| 0      | 0.851  |     |     |     |     |     |
| 1      | 0.529  |     |     |     |     |     |
| 2      | 0.568  |     |     |     |     |     |
| 3      | 0.676  |     |     |     |     |     |
| 4      | 0.707  |     |     |     |     |     |
| Public health |     |     |     |     |     |     |
| 0      | 0.846  |     |     |     |     |     |
| 1      | -0.252 |     |     |     |     |     |
| 2      | -0.283 |     |     |     |     |     |
| 3      | -0.325 |     |     |     |     |     |
| 4      | -0.513 |     |     |     |     |     |

| (9) China |        |     |     |     |     |     |
| Three areas combined |     |     |     |     |     |     |
| 0      | -0.210 |     |     |     |     |     |
| 1      | -0.821 |     |     |     |     |     |
| 2      | -0.842 |     |     |     |     |     |
| 3      | -0.681 |     |     |     |     |     |
| 4      | -0.654 |     |     |     |     |     |
| Laboratory sciences |     |     |     |     |     |     |
| 0      | -0.098 |     |     |     |     |     |
| 1      | -0.287 |     |     |     |     |     |
| 2      | -0.280 |     |     |     |     |     |
| 3      | -0.097 |     |     |     |     |     |
| 4      | -0.077 |     |     |     |     |     |
| Clinical research |     |     |     |     |     |     |
| 0      | -0.080 |     |     |     |     |     |
| 1      | 0.117  |     |     |     |     |     |
| 2      | 0.038  |     |     |     |     |     |
| 3      | 0.236  |     |     |     |     |     |
| 4      | 0.486  |     |     |     |     |     |
| Public health |     |     |     |     |     |     |
| 0      | -1.100 |     |     |     |     |     |
| 1      | -1.013 |     |     |     |     |     |
| 2      | -0.950 |     |     |     |     |     |
| 3      | -0.721 |     |     |     |     |     |
| 4      | -0.578 |     |     |     |     |     |

| (10) Germany |        |     |     |     |     |     |
| Three areas combined |     |     |     |     |     |     |
| 0      | 2.044  |     |     |     |     |     |
| 1      | 0.710  |     |     |     |     |     |
| 2      | 0.855  |     |     |     |     |     |
| 3      | 0.929  |     |     |     |     |     |
| 4      | 1.047  |     |     |     |     |     |
| Laboratory sciences |     |     |     |     |     |     |
| 0      | 0.978  |     |     |     |     |     |
|       | 1   | 2   | 3   | 4   |      |
|-------|-----|-----|-----|-----|------|
| India | 0.724 | 0.761 | **0.481** | 0.734 |      |
|       | 1.366 | 0.084 |      |      |      |
| Public health | 0.492 | 0.139 | **0.112** | 0.326 | 0.444 |
|       |      |      |      |      |      |
|     (11) India | Three areas combined | 0 | **-0.298** | 0     |      |
|       | 1 | -0.290 |      |      |      |
|       | 2 | -0.229 |      |      |      |
|       | 3 | -0.159 |      |      |      |
|       | 4 | -0.240 |      |      |      |
| Laboratory sciences | 0 | **-0.522** | 0 |      |      |
|       | 1 | -0.366 |      |      |      |
|       | 2 | -0.173 |      |      |      |
|       | 3 | -0.256 |      |      |      |
|       | 4 | -0.056 |      |      |      |
| Clinical research | 0 | 0.727 |      |      |      |
|       | 1 | 0.706 |      |      |      |
|       | 2 | 0.753 |      |      |      |
|       | 3 | 0.556 |      |      |      |
|       | 4 | **0.321** |      |      |      |
| Public health | 0 | 0.180 |      |      |      |
|       | 1 | -0.048 |      |      |      |
|       | 2 | -0.226 |      |      |      |
|       | 3 | **-0.532** | 3 |      |      |
|       | 4 | -0.324 |      |      |      |
|     (12) Brazil | Three areas combined | 0 | 0.770 |      |      |
|       | 1 | **0.303** | 1 |      |      |
|       | 2 | 0.524 |      |      |      |
|       | 3 | 0.524 |      |      |      |
|       | 4 | 0.778 |      |      |      |
| Laboratory sciences | 0 | 0.639 |      |      |      |
|       | 1 | 0.318 |      |      |      |
|       | 2 | 0.114 |      |      |      |
|       | 3 | **-0.385** | 3 |      |      |
|       | 4 | -0.202 |      |      |      |
| Clinical research | 0 | -0.245 |      |      |      |
|       | 1 | **-0.778** | 1 |      |      |
|       | 2 | -0.682 |      |      |      |
|       | 3 | -0.481 |      |      |      |
|       | 4 | -0.296 |      |      |      |
| Public health | 0 | -0.269 |      |      |      |
|       | 1 | -0.171 |      |      |      |
|       | 2 | -0.378 |      |      |      |
|       | 3 | **-0.623** | 3 |      |      |
|       | 4 | -0.489 |      |      |      |
|     (13) France | Three areas combined | 0 | 1.428 |      |      |
|       | 1 | 0.360 |      |      |      |
|       | 2 | -0.031 |      |      |      |
|       | 3 | -0.445 |      |      |      |
|       | 4 | **-0.465** | 4 |      |      |
| Laboratory sciences | 0 | 0.355 |      |      |      |
|       | 1 | -0.430 |      |      |      |
|       | 2 | -0.554 |      |      |      |
|       | 3 | **-0.896** | 3 |      |      |
|                | Column 1 | Column 2 | Column 3 |
|----------------|----------|----------|----------|
| **Clinical research** |          |          |          |
| 0              | 1.762    | 0.067    | 0.884    |
| 1              | 1.537    | 0.675    | 0.558    |
| 2              | 0.738    | 0.266    | 0.443    |
| 3              | 0.171    | 0.057    | 0.339    |
| 4              | 0.285    | 0.785    | 0.450    |
| **Public health** |          |          |          |
| 0              | 1.073    | -0.273   | -1.120   |
| 1              | 0.925    | -0.172   | -0.959   |
| 2              | 0.077    | -0.175   | -0.972   |
| 3              | 0.306    | -0.015   | -0.884   |
| 4              | 0.450    |          |          |
| **(14) Netherlands** |          |          |          |
| Three areas combined | 1.447 | 0.675 | 0.502 |
| Laboratory sciences | 0.225 | -0.273 | -1.120 |
| Clinical research | 0.884 | 0.266 | 0.339 |
| Public health | 0.998 | 0.502 | 0.450 |

|                | Column 1 | Column 2 | Column 3 |
|----------------|----------|----------|----------|
| **Clinical research** |          |          |          |
| 0              | 1.762    | 0.067    | 0.884    |
| 1              | 1.537    | 0.675    | 0.558    |
| 2              | 0.738    | 0.266    | 0.443    |
| 3              | 0.171    | 0.057    | 0.339    |
| 4              | 0.285    | 0.785    | 0.450    |
| **Public health** |          |          |          |
| 0              | 1.073    | -0.273   | -1.120   |
| 1              | 0.925    | -0.172   | -0.959   |
| 2              | 0.077    | -0.175   | -0.972   |
| 3              | 0.306    | -0.015   | -0.884   |
| 4              | 0.450    |          |          |
| **(15) South Korea** |          |          |          |
| Three areas combined | 1.252 | 0.443 | 0.339 |
| Laboratory sciences | 0.558 | -1.120 | -0.959 |
| Clinical research | 0.884 | 0.266 | 0.339 |
| Public health | 0.998 | 0.502 | 0.450 |