

# Supplementary Material 1: Affiliation IDs and search terms

The table below presents the mappings of institution names, GRID IDs, WoS search terms, Scopus institutional IDs, and MSA institutional IDs for the primary set of 15 universities. WoS search terms are the names of universities used in the WoS organisation-enhanced search functionality to identify output affiliated to a given university. Alternatively, Scopus and MSA uses internal institutional IDs to link output to universities. Our internal data infrastructure links output from each source together using the GRID IDs.

| Institution                              | GRID ID       | WoS search term                                | Scopus ID | MSA ID    |
|--|---------------|--|-----------|-----------|
| Cairo University                         | grid.7776.1   | Cairo University                               | 60010294  | 145487455 |
| Curtin University                        | grid.1032.0   | Curtin University                              | 60031226  | 205640436 |
| Dalian University of Technology          | grid.30055.33 | Dalian University of Technology                | 60004538  | 27357992  |
| Indian Institute of Science Bangalore    | grid.34980.36 | Indian Institute of Science (IISC) - Bangalore | 60014097  | 59270414  |
| Institut Teknologi Bandung               | grid.434933.a | Institute Technology of Bandung                | 60069382  | 134635517 |
| Loughborough University                  | grid.6571.5   | Loughborough University                        | 60000891  | 143804889 |
| Massachusetts Institute of Technology    | grid.116068.8 | Massachusetts Institute of Technology (MIT)    | 60022195  | 63966007  |
| Moscow State University                  | grid.14476.30 | LOMONOSOV MOSCOW STATE UNIVERSITY              | 60007457  | 19880235  |
| National Autonomous University of Mexico | grid.9486.3   | Universidad Nacional Autonoma de Mexico        | 60032442  | 8961855   |
| University College London                | grid.83440.3b | University College London                      | 60022148  | 45129253  |
| University of Cape Town                  | grid.7836.a   | University of Cape Town                        | 60000356  | 157614274 |
| University of Giessen                    | grid.8664.c   | Justus Liebig University Giessen               | 60017134  | 200763008 |
| University of Sao Paulo                  | grid.11899.38 | Universidade de Sao Paulo                      | 60008088  | 17974374  |
| University of Tokyo                      | grid.26999.3d | University of Tokyo                            | 60025272  | 74801974  |
| Wayne State University                   | grid.254444.7 | Wayne State University                         | 60009408  | 185443292 |

GRID IDs for the set of additional 140 supplementary universities are:

grid.1001.0, grid.1002.3, grid.1003.2, grid.1004.5, grid.1005.4, grid.1007.6, grid.1008.9, grid.1009.8, grid.1010.0, grid.1011.1, grid.1012.2, grid.1013.3, grid.1014.4, grid.1017.7, grid.1018.8, grid.1019.9, grid.1020.3, grid.1021.2, grid.1022.1, grid.1023.0, grid.1024.7, grid.1025.6, grid.1026.5, grid.1027.4, grid.1029.a, grid.1031.3, grid.1033.1, grid.1034.6, grid.1037.5, grid.10388.32, grid.1039.b, grid.1040.5, grid.1043.6, grid.1048.d, grid.10698.36, grid.10784.3a, grid.10858.34, grid.11135.37, grid.117476.2, grid.11843.3f, grid.11914.3c, grid.12295.3d, grid.12380.38, grid.14709.3b, grid.148374.d, grid.16463.36, grid.16750.35,

grid.168010.e, grid.16821.3c, grid.170205.1, grid.17088.36, grid.177174.3, grid.189504.1, grid.19006.3e, grid.19188.39, grid.20861.3d, grid.21006.35, grid.21107.35, grid.213917.f, grid.21729.3f, grid.21925.3d, grid.252547.3, grid.252890.4, grid.254880.3, grid.25879.31, grid.262743.6, grid.264200.2, grid.266842.c, grid.266886.4, grid.267827.e, grid.27755.32, grid.278276.e, grid.35030.35, grid.35403.31, grid.35541.36, grid.35915.3b, grid.38142.3c, grid.410356.5, grid.410714.7, grid.411301.6, grid.411340.3, grid.411840.8, grid.411958.0, grid.412419.b, grid.412522.2, grid.412813.d, grid.412831.d, grid.413050.3, grid.417984.7, grid.419886.a, grid.42505.36, grid.4280.e, grid.4488.0, grid.4514.4, grid.461025.4, grid.4691.a, grid.4708.b, grid.47100.32, grid.47840.3f, grid.4830.f, grid.49481.30, grid.4991.5, grid.5012.6, grid.5037.1, grid.5110.5, grid.5132.5, grid.5252.0, grid.5333.6, grid.5335.0, grid.5380.e, grid.5475.3, grid.5477.1, grid.5510.1, grid.5596.f, grid.5601.2, grid.5606.5, grid.5836.8, grid.5841.8, grid.5842.b, grid.59025.3b, grid.5963.9, grid.6612.3, grid.67105.35, grid.6852.9, grid.7177.6, grid.7247.6, grid.7345.5, grid.7372.1, grid.7400.3, grid.7427.6, grid.7445.2, grid.7700.0, grid.7737.4, grid.77602.34, grid.8096.7, grid.8217.c, grid.8591.5, grid.89336.37, grid.9601.e, grid.9654.e.