**S4 Table. The result of meta-regression analysis when evaluating the pooled mortality of lung cancer in COVID-19 patients**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Subgroup** | **Variables** | **Estimate.** | ***Z*** | ***P*** |
| Center type | Multi-center# |  |  |  |
| Single | 0.039 | 0.595 | 0.552 |
| Continents | Asia# |  |  |  |
| Europe | 0.258 | 4.926 | < 0.001\* |
| North America | 0.102 | 1.340 | 0.180 |
| South America | 0.356 | 4.212 | < 0.001\* |
| Publication year | Year | -0.051 | -1.112 | 0.266 |
| Study design | Prospective# |  |  |  |
| Retrospective | 0.070 | 0.982 | 0.326 |
| Study type | Case control study# |  |  |  |
| Cohort study | 0.197 | 2.227 | 0.056 |
| Cross-sectional study | 0.166 | 1.239 | 0.215 |
| Diagnosis methods | RT-PCR# |  |  |  |
| RT-PCR/Antibodies | 0.077 | 0.456 | 0.648 |
| RT-PCR/CT | 0.033 | 0.163 | 0.871 |
| RT-PCR/CT/Clinical | 0.019 | 0.227 | 0.821 |

# variables were set as the reference. \**P* value < 0.05