**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