**Table 4.** Subgroup analyses of observational studies on circulating 25(OH)D and pancreatic cancer mortality.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Subgroup** | **Studies, n** | **HR(95% CI)** | ***P* for heterogeneity** | ***I2* (%)** | ***P* for differences** |
| Total | 10 | 0.72 (0.60-0.84) | 0.33 | 13.7 | - |
| Geographic region |  |  |  |  |  |
| America | 3 | 0.79 (0.63-0.96) | 0.18 | 42.2 | 0.18 |
| Europe | 3 | 0.62 (0.43-0.81) | 0.77 | 0.0 |
| Sex |  |  |  |  |  |
| Male | 2 | 0.68 (0.40-0.96) | 0.84 | 0.0 | 0.55 |
| Female | 1 | 0.60 (0.37-0.84) | - | - |
| Both | 4 | 0.76 (0.60-0.92) | 0.16 | 42.7 |
| Age |  |  |  |  |  |
| > 60 | 4 | 0.73 (0.59-0.87) | 0.13 | 46.8 | 0.72 |
| ≤ 60 | 2 | 0.68 (0.41-0.94) | 0.88 | 0.0 |
| Number of cases |  |  |  |  |  |
| > 500 | 2 | 0.68 (0.41-0.94) | 0.88 | 0.0 | 0.72 |
| ≤ 500 | 4 | 0.73 (0.59-0.87) | 0.13 | 46.8 |
| Adjustments |  |  |  |  |  |
| Smoking |  |  |  |  |  |
| Yes | 3 | 0.66 (0.50-0.82) | 1.00 | 0.0 | 0.21 |
| No | 3 | 0.82 (0.62-1.02) | 0.12 | 52.9 |
| Diabetes |  |  |  |  |  |
| Yes | 3 | 0.66 (0.50-0.82) | 1.00 | 0.0 | 0.21 |
| No | 3 | 0.82 (0.62-1.02) | 0.12 | 52.9 |
| BMI |  |  |  |  |  |
| Yes | 4 | 0.66 (0.51-0.81) | 1.00 | 0.0 | 0.16 |
| No | 2 | 0.86 (0.63-1.08) | 0.05 | 73.7 |
| Physical activity |  |  |  |  |  |
| Yes | 1 | 0.66 (0.31-1.01) | - | - | 0.72 |
| No | 5 | 0.73 (0.60-0.86) | 0.23 | 29.4 |
| Date of blood draw |  |  |  |  |  |
| Yes | 1 | 0.66 (0.42-0.91) | - | - | 0.58 |
| No | 5 | 0.74 (0.60-0.89) | 0.24 | 27.1 |
| Race |  |  |  |  |  |
| Yes | 2 | 0.67 (0.46-0.88) | 0.87 | 0.0 | 0.57 |
| No | 4 | 0.75 (0.59-0.90) | 0.14 | 44.8 |

25(OH)D: 25-hydroxyvitamin D, HR: hazard ratio, CI: confidence interval, BMI: body mass index, *I2*: *I2* value for heterogeneity within each subgroup, *P* for heterogeneity: *P* value for heterogeneity within each subgroup, *P* for differences: *P* value for differences between all subgroups.