**Table 4.** Amosite and crocidolite TEM asbestos lung burdens in male and female mesothelioma and lung cancer patients and male odds ratios. The 12 mesotheliomas in women born 1925-39 are included and are also shown in brackets.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | Crocidolite lung burden (million fibres/gm) | | | | | | | | | | | | | | | | | | |
| Amosite lung burden (million fibres/gm) | | 0-0.024 | | | | 0.025-0.049 | | 0.05-0.19 | | 0.2-0.49 | | | 0.5-0.99 | | ≥1.0 | | | Total | | |
|  | | M | F | | | M | F | M | F | | M | F | M | F | | M | F | | M | F |
| 0-0.024 | Mesothelioma | 21 | 14 (6) | | | 0 | 0 | 2 | 2 | | 1 |  |  |  | |  |  | | 24 | 16(6) |
|  | Lung cancer | 125 | 67 | | | 1 | 1 | 2 | 0 | | 0 |  |  |  | |  |  | | 128 | 68 |
|  | **Male OR** | **1.0 (ref)** | | |  | **0.0** |  | **6.0** |  | | ∞ |  |  |  | |  |  | | **1.1** |  |
| 0.025-0.049 | Mesothelioma | 9 | 2 (2) | | | 0 |  | 0 |  | |  | 1 | 0 |  | |  |  | | 9 | 3(2) |
|  | Lung cancer | 14 | 6 | | | 2 |  | 1 |  | |  | 0 | 1 |  | |  |  | | 18 | 6 |
|  | **Male OR** | **3.8** |  | | | **0.0** |  | **0.0** |  | |  |  | **0.0** |  | |  |  | | **3.0** |  |
| 0.05-0.19 | Mesothelioma | 26 | 3 (2) | | | 2 |  | 4 | 2 | | 3 |  | 2 |  | | 1 |  | | 38 | 5(2) |
|  | Lung cancer | 22 | 5 | | | 1 |  | 0 | 1 | | 0 |  | 0 |  | | 0 |  | | 23 | 6 |
|  | **Male OR** | **7.0** |  | | | **11.9** |  | ∞ |  | | ∞ |  | ∞ |  | | ∞ |  | | **9.8** |  |
| 0.2-0.49 | Mesothelioma | 9 | 2 (1) | | | 3 |  | 3 | 1 (1) | | 1 |  |  |  | |  |  | | 16 | 3(2) |
|  | Lung cancer | 6 | 0 | | | 2 |  | 0 | 0 | | 0 |  |  |  | |  |  | | 8 | 0 |
|  | **Male OR** | **8.9** |  | | | **8.9** |  | ∞ |  | | ∞ |  |  |  | |  |  | | **11.9** |  |
| 0.5-0.99 | Mesothelioma | 7 |  | | | 2 |  | 2 |  | |  |  |  |  | | 1 |  | | 12 | 0 |
|  | Lung cancer | 1 |  | | | 0 |  | 2 |  | |  |  |  |  | | 0 |  | | 3 | 0 |
|  | **Male OR** | **41.7** | |  | |  |  | **6.0** |  | |  |  |  |  | | ∞ |  | | **23.8** |  |
| ≥1.0 | Mesothelioma | 3 |  | | | 1 |  | 2 |  | | 2 |  |  |  | | 0 |  | | 8 | 0 |
|  | Lung cancer | 0 |  | | | 0 |  | 1 |  | | 0 |  |  |  | | 1 |  | | 2 | 0 |
|  | **Male OR** | ∞ |  | | | ∞ |  | **11.9** |  | | ∞ |  |  |  | | **0.0** |  | | **23.8** |  |
| Total | Mesothelioma | 75 | 21(11) | | | 8 | 0 | 13 | 5 (1) | | 7 | 1 | 2 | 0 | | 2 | 0 | | 107 | 27 (12) |
|  | Lung cancer | 168 | 78 | | | 6 | 1 | 6 | 1 | | 0 | 0 | 1 | 0 | | 1 | 0 | | 182 | 80 |
|  | **Male OR** | **2.7** |  | | | **7.9** |  | **12.9** |  | | ∞ |  | **11.9** |  | | **11.9** |  | |  |  |