**Lab 4 Part 2 Multiple Measures of Association from Prospective Data**

|  |  |  |
| --- | --- | --- |
| **Table A. Relative measures of association for the relationship between biologic sex (exposure) and death (outcome)** | | |
|  | **Odds ratio** | **95%CI** |
| Male | 2.42 | 1.06, 5.5 |
| Female | *REF* |  |
|  | **Risk ratio** | **95%CI** |
| Male | 2.32 | 1.05, 5.13 |
| Female | *REF* |  |
|  | **Rate ratio** | **95%CI** |
| Male | 2.27 | 1.06, 5.51 |
| Female | *REF* |  |
|  | **Hazard ratio** | **95%CI** |
| Male | 2.32 | 0.97, 5.57 |
| Female | *REF* |  |

**Lab 4 Part 3 Recommended layout for survival data from Cox Model**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table B. Association between age group and hazard rate of sputum culture conversion** | | | | |
|  | Converted  N (%) | Median days to conversion (IQR) | cHR (95%CI) | aHR (95%CI)\* |
| **Age Group** |  |  |  |  |
| 15-24 | **13.2** | **26.5** | **REF** | **REF** |
| 25-44 | **38.2** | **28** | **1.22 (0.96, 1.56)** | **1.18 (0.92, 1.51)** |
| 45-64 | **35.5** | **42** | **1.09 (0.85, 1.38)** | **1.06 (0.83, 1.35)** |
| ≥65 | **13.1** | **33** | **1.17 (0.87, 1.57)** | **1.20 (0.88, 1.63)** |
| \*Adjusted for sex and HIV status | | | | |