# Cox models

|  |  |  |  |
| --- | --- | --- | --- |
| **Model** | **Variable** | **Hazard ratio (95% CI)** | **P value** |
| Age | Age | 1 (0·98, 1) | 0·67 |
| Gender (male) | Gender (male) | 0·72 (0·37, 1·4) | 0·32 |
| Diabetes | Diabetes | 1·1 (0·53, 2·1) | 0·87 |
| Malignancy | Malignancy | 1·4 (0·74, 2·7) | 0·29 |
| Immunosuppressed | Immunosuppressed | 1·3 (0·65, 2·5) | 0·48 |
| Sepsis-3 | Sepsis-3 | 1 (1, 1) | 0·84 |
| ARDS | ARDS | 2 (1, 4) | 0·041 |
| APACHE II score | APACHE II score | 1·1 (1, 1·1) | 0·01 |
| (APACHE II score) + ARDS | ARDS | 1·8 (1·0, 3·5) | 0·066 |
| (APACHE II score) + ARDS | APACHE II score | 1·1 (1·0, 1·1) | 0·034 |
| MMI > 0 | MMI > 0 | 2·2 (1·1, 4·3) | 0·017 |
| (APACHE II score) + (MMI > 0) | APACHE II score | 1·1 (1·0, 1·1) | 0·0033 |
| (APACHE II score) + (MMI > 0) | MMI > 0 | 2·5 (1·4, 4·6) | 0·0029 |
| ARDS + (MMI > 0) | MMI > 0 | 2·3 (1·2, 4·2) | 0·01 |
| ARDS + (MMI > 0) | ARDS | 2·1 (1·1, 4·1) | 0·035 |
| (APACHE II score) + ARDS + (MMI > 0) | APACHE II score | 1·1 (1·0, 1·1) | 0·0094 |
| (APACHE II score) + ARDS + (MMI > 0) | ARDS | 1·9 (1·0, 3·6) | 0·062 |
| (APACHE II score) + ARDS + (MMI > 0) | MMI > 0 | 2·5 (1·4, 4·7) | 0·0026 |