# Cox models

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model | Model LL | Variable | Hazard ratio | HR 95% CI, lower | HR 95% CI, higher | P value |
| ·· | ·· | MMI | 1·5 | 1·2 | 1·8 | 0·00059 |
| ·· | ·· | APACHE II score | 1·1 | 1·0 | 1·1 | 0·0046 |
| (Gender (male)) + (APACHE II score) + MMI | -94·8 | APACHE II score | 1·1 | 1·0 | 1·1 | 0·0017 |
| ·· | ·· | Gender (male) | 0·6 | 0·3 | 1·1 | 0·082 |
| ·· | ·· | MMI | 1·6 | 1·2 | 2·0 | 0·00012 |
| (APACHE II score) + ARDS + (MMI > 0) | -95·2 | APACHE II score | 1·1 | 1·0 | 1·1 | 0·0094 |
| ·· | ·· | ARDS | 1·9 | 1·0 | 3·6 | 0·062 |
| ·· | ·· | MMI > 0 | 2·5 | 1·4 | 4·7 | 0·0026 |
| (Gender (male)) + (APACHE II score) + (MMI > 0) | -95·4 | MMI > 0 | 2·9 | 1·6 | 5·3 | 0·00074 |
| ·· | ·· | APACHE II score | 1·1 | 1·0 | 1·1 | 0·0013 |
| ·· | ·· | Gender (male) | 0·6 | 0·3 | 1·1 | 0·082 |
| Age + (APACHE II score) + MMI | -95·7 | Age | 1·0 | 1·0 | 1·0 | 0·47 |
| ·· | ·· | MMI | 1·5 | 1·2 | 1·9 | 0·00038 |
| ·· | ·· | APACHE II score | 1·1 | 1·0 | 1·1 | 0·0029 |
| (APACHE II score) + Sepsis-3 + MMI | -95·8 | APACHE II score | 1·1 | 1·0 | 1·1 | 0·0039 |
| ·· | ·· | Sepsis-3 | 0·8 | 0·4 | 1·8 | 0·65 |
| ·· | ·· | MMI | 1·5 | 1·2 | 1·9 | 0·00039 |
| (APACHE II score) + Vancomycin + MMI | -95·8 | APACHE II score | 1·1 | 1·0 | 1·1 | 0·0047 |
| ·· | ·· | Vancomycin | 1·1 | 0·6 | 2·3 | 0·7 |
| ·· | ·· | MMI | 1·5 | 1·2 | 1·9 | 0·00082 |
| (APACHE II score) + Ciprofloxacin + MMI | -95·8 | APACHE II score | 1·1 | 1·0 | 1·1 | 0·004 |
| ·· | ·· | Ciprofloxacin | 1·1 | 0·5 | 2·4 | 0·73 |
| ·· | ·· | MMI | 1·5 | 1·2 | 1·9 | 0·00042 |
| (APACHE II score) + Immunosuppressed + MMI | -95·8 | APACHE II score | 1·1 | 1·0 | 1·1 | 0·0038 |
| ·· | ·· | Immunosuppressed | 1·1 | 0·6 | 2·1 | 0·76 |
| ·· | ·· | MMI | 1·5 | 1·2 | 1·9 | 0·00067 |
| (APACHE II score) + Malignancy + MMI | -95·9 | MMI | 1·5 | 1·2 | 1·9 | 0·00046 |
| ·· | ·· | Malignancy | 1·0 | 1·0 | 1·0 | 0·98 |
| ·· | ·· | APACHE II score | 1·1 | 1·0 | 1·1 | 0·0037 |