# Cox models, quadvariate

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| --- | --- | --- | --- | --- | --- | --- |
| **Model** | **Model LL** | **Variable** | **Hazard ratio** | **HR 95% CI, lower** | **HR 95% CI, higher** | **P value** |
| (Gender (male)) + (APACHE II score) + ARDS + MMI | -93·3 | ARDS | 1·9 | 1·0 | 3·4 | 0·04 |
| ·· | ·· | Gender (male) | 0·5 | 0·3 | 1·0 | 0·046 |
| ·· | ·· | MMI | 1·6 | 1·3 | 1·9 | 5·8e-05 |
| ·· | ·· | APACHE II score | 1·1 | 1·0 | 1·1 | 0·0026 |
| (Gender (male)) + (APACHE II score) + ARDS + (MMI > 0) | -93·7 | APACHE II score | 1·1 | 1·0 | 1·1 | 0·0051 |
| ·· | ·· | ARDS | 2·0 | 1·1 | 3·7 | 0·025 |
| ·· | ·· | Gender (male) | 0·5 | 0·3 | 0·9 | 0·028 |
| ·· | ·· | MMI > 0 | 3·1 | 1·7 | 5·6 | 0·00015 |
| (APACHE II score) + ARDS + Sepsis-3 + MMI | -94·2 | APACHE II score | 1·1 | 1·0 | 1·1 | 0·0032 |
| ·· | ·· | MMI | 1·5 | 1·2 | 1·8 | 0·00038 |
| ·· | ·· | Sepsis-3 | 0·7 | 0·3 | 1·4 | 0·28 |
| ·· | ·· | ARDS | 2·0 | 1·0 | 3·8 | 0·045 |
| Age + (APACHE II score) + ARDS + MMI | -94·3 | ARDS | 1·8 | 1·0 | 3·4 | 0·055 |
| ·· | ·· | MMI | 1·5 | 1·2 | 1·8 | 0·0002 |
| ·· | ·· | Age | 1·0 | 1·0 | 1·0 | 0·36 |
| ·· | ·· | APACHE II score | 1·1 | 1·0 | 1·1 | 0·003 |