Mortality in the ICU

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | I | II | III | IV |
| Intercept | -1.38\*  (-6.89) | -1.37\*  (-6.79) | -1.36\*  (-6.76) | -1.66\*  (-4.39) |
| IM log odds | 0.965\*  (79.0) | 1.09\*  (22.2) | 1.06\*  (20.0) | 1.09\*  (21.9) |
| Proportion beds occupied | 0.222\*  (2.37) | 0.220\*  (2.36) | 0.218\*  (2.33) | .262\*  (2.74) |
| Mean number of daily transfers | 0.862\*  (2.40) | 0.864\*  (2.39) | 0.861\*  (2.38) | .784\*  (2.18) |
| Number of direct care nurses per bed | -0.74\*  (-2.84) | -0.076\*  (-2.91) | -0.075\*  (-2.88) | -.077\*  (-2.86) |
| Number of consultants per bed | -0.235\*  (-2.40) | -0.226\*  (-2.36) | -0.233\*  (-2.41) | -.299\*  (-2.95) |
| Intensivist | -0.162  (-1.56) | -0.152  (-1.46) | -0.152  (-1.46) | -.143  (-1.37) |
| Mean IMlo | -0.051\*  (-2.56) | -0.051\*  (-2.57) | -0.051\*  (-2.56) | -.055\*  (-2.69) |
| Average ICU length of stay | 0.004\*  (2.91) | 0.004\*  (2.88) | 0.004\*  (2.85) | .004\*  (3.07) |
| IMlo \* Number of nurses |  | -0.025\*  (-2.63) | -0.023\*  (-2.42) | -.025\*  (-2.60) |
| IMlo \* Number of consultants |  |  | 0.052  (1.56) |  |
| Average cost per nurse |  |  |  | .020  (1.47) |
| Post-basic qualification |  |  |  | -0.191  (-1.37) |
| Standard deviation of random effect | 0.276 | 0.277 | 0.278 | 0.270 |
| Deviance | 23294 | 23287 | 23284 | 22503 |
| Number of admissions | 38168 | 38168 | 38168 | 36935 |
| Number of units | 65 | 65 | 65 | 63 |

Mortality in hospital

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | I | II | III | IV |
| Intercept | -0.274  (-1.53) | -0.244  (-1.34) | -0.267  (-1.46) | -0.121  (-0.343) |
| IM log odds | 0.961\*  (88.8) | 1.00\*  (23.1) | 0.960\*  (20.8) | 1.00\*  (22.7) |
| Proportion beds occupied | 0.206\*  (2.59) | 0.206\*  (2.58) | 0.203\*  (2.55) | 0.241\*  (2.95) |
| Mean number of daily transfers | .973\*  (2.92) | .970\*  (2.91) | .964\*  (2.89) | 0.996\*  (2.91) |
| Number of direct care nurses per bed | -0.046\*  (-1.99) | -0.052\*  (-2.17) | -0.050\*  (-2.08) | -0.055\*  (-2.20) |
| Number of consultants per bed | -0.203\*  (-2.34) | -0.204\*  (-2.35) | -0.167  (-1.88) | -.211\*  (-2.25) |
| Intensivist | -0.129  (-1.36) | -0.126  (-1.33) | -0.126  (-1.33) | -.140  (-1.42) |
| Mean IM log odds | -0.042\*  (-2.49) | -0.043\*  (-2.50) | -0.042  (-2.49) | 0.042  (-2.43) |
| Average ICU length of stay | 0.003\*  (2.02) | 0.003\*  (2.02) | 0.003\*  (2.00) | .003  (1.93) |
| IMlo \* Number of nurses |  | -0.008  (-0.966) | -0.006  (-0.753) | -0.008  (-0.944) |
| IMlo \* Number of consultants |  |  | 0.072\*  (2.46) |  |
| Average cost per nurse |  |  |  | -0.002  (-0.133) |
| Post-basic qualifications |  |  |  | -.126  (-0.974) |
| Standard deviation of random effect | 0.259 | 0.259 | 0.259 | 0.261 |
| Deviance | 30341 | 30341 | 30334 | 29301 |
| Number of admissions | 37590 | 37390 | 37590 | 36559 |
| Number of units | 65 | 65 | 65 | 63 |