**SUPPLEMENT**

**Table 1.** Regression model predicting outcome of days alive and out of hospital at 30-days for all elective surgical patients at the 25th and 10th percentile of the distribution.

**Table 2.** Regression model predicting outcome of days alive and out of hospital at 30-, 90- and 180-days for all elective surgical patients at the median (50th percentile) of the distribution.

**Table 3.** Regression model predicting outcome of days alive and out of hospital at 30-days for patients undergoing major joint replacement, upper and lower gastrointestinal resection, abdominal aortic aneurysm and peripheral arterial disease surgery.

**Table 1. Regression model predicting outcome of days alive and out of hospital at 30-days**

**for all elective surgical patients at the 25th and 10th percentile of the distribution.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **25th Percentile** | | **10th Percentile** | |
| **Variable** | **Parameter** | **95% CI** | **Parameter** | **95% CI** |
| Quintile 1 | Reference | | Reference | |
| Quintile 2 | 0.2 | 0.1- 0.3 | 0.1 | -0.1- 0.4 |
| Quintile 3 | 0.2 | 0.1- 0.3 | 0.2 | 0.0- 0.5 |
| Quintile 4 | 0.3 | 0.2- 0.4 | 0.3 | 0.1- 0.5 |
| Quintile 5 | 0.4 | 0.3- 0.5 | 0.4 | 0.2- 0.7 |
| Male | 0.2 | 0.1- 0.2 | 0.0 | -0.1- 0.2 |
| Age | -0.1 | -0.1- -0.1 | -0.1 | -0.1- -0.1 |
| Surgical volume | 0.0 | -0.0- 0.0 | 0.0 | -0.0- 0.0 |
| Hospital beds | 0.0 | -0.0- 0.0 | 0.0 | -0.0- 0.0 |
| Lower GI | Reference | | Reference | |
| Hysterectomy | 3.8 | 3.5- 4.2 | 6.9 | 6.1- 7.7 |
| Joint replacement | 3.4 | 3.0- 3.8 | 6.7 | 5.9- 7.5 |
| Lung | 2.4 | 1.8- 3.0 | 4.2 | 3.1- 5.4 |
| Nephrectomy | 3.4 | 3.0- 3.8 | 6.7 | 5.8- 7.6 |
| Neurosurgery | 3.1 | 2.4- 3.7 | 7.4 | -7.8- 2.3 |
| Prostatectomy | 4.6 | 4.2- 5.0 | 7.9 | 7.1- 8.8 |
| PAD | 1.0 | -0.1- 2.0 | 8.9 | -7.5- 2.5 |
| Shoulder | 5.6 | 5.1- 6.0 | 9.1 | 8.2- 10.0 |
| Spine | 3.9 | 3.1- 4.6 | 6.3 | 5.3- 7.2 |
| Upper GI | -0.2 | -1.0- 0.7 | -1.7 | -3.3- -0.1 |
| Aorta | 2.1 | 1.6- 2.7 | 3.6 | 2.5- 4.7 |
| Teaching | 0.4 | -0.4- 1.1 | 0.4 | -1.1-1.9 |
| Rural | 0.0 | -0.1- 0.1 | 0.0 | -1.1-1.9 |
| Charlson ≥ 2 | -1.7 | -2.0- -1.3 | -5.7 | -6.5- -4.8 |
| Asthma | -0.1 | -0.2- -0.1 | -0.2 | -0.3- -0.1 |
| Coronary artery disease | -0.6 | -0.9- -0.3 | -1.1 | -1.6- -0.7 |
| Atrial fibrillation | -1.4 | -0.9- -0.3 | -3.9 | -4.6- -3.2 |
| Stroke | -0.4 | -0.8- 0.0 | -1.7 | -2.6- -0.9 |
| COPD | -0.4 | -0.5- -0.4 | -1.1 | -1.2- -0.9 |
| Hypertension | 0.0 | -0.1- 0.1 | -0.4 | -0.5- -0.3 |
| Chronic renal disease | -2.1 | -2.7- -1.5 | -4.6 | -6.0- -3.3 |
| Diabetes | -0.2 | -0.2- -0.1 | -0.3 | -0.4- -0.2 |
| Chronic liver disease | -0.7 | -1.5- 0.2 | -2.7 | -4.3- -1.2 |
| Primary malignancy | 0.5 | 0.2- 0.8 | 2.3 | 1.4- 3.1 |
| Secondary malignancy | 0.5 | 0.1- 0.8 | 2.2 | 1.2- 3.2 |
| Myocardial infarction | 0.4 | 0.0- 0.9 | 1.2 | 0.4- 2.0 |
| Duration of surgery (min) | -0.2 | -0.2- -0.1 | -0.2 | -0.2 - -0.2 |

**Table 2. Regression model predicting outcome of days alive and out of hospital at 30-, 90- and 180-days for all elective surgical patients at the median (50th percentile) of the distribution.**

**(a) Days alive and out of hospital at 30 days**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Parameter** | **SE** | **Lower 95% CI** | **Upper 95% CI** | **P-Value** |
| Quintile 1 | Reference | | | |  |
| Quintile 2 | 0.2 | 0.0 | 0.1 | 0.2 | <0.001 |
| Quintile 3 | 0.2 | 0.0 | 0.1 | 0.3 | <0.001 |
| Quintile 4 | 0.2 | 0.1 | 0.1 | 0.3 | <0.001 |
| Quintile 5 | 0.2 | 0.1 | 0.2 | 0.3 | <0.001 |
| Male | 0.2 | 0.0 | 0.1 | 0.3 | <0.001 |
| Age | 0.0 | 0.0 | -0.1 | 0.0 | <0.001 |
| 2006 | Reference | | | |  |
| 2007 | 0.3 | 0.1 | 0.2 | 0.5 | <0.001 |
| 2008 | 0.4 | 0.1 | 0.3 | 0.6 | <0.001 |
| 2009 | 0.6 | 0.1 | 0.4 | 0.8 | <0.001 |
| 2010 | 0.7 | 0.1 | 0.5 | 0.9 | <0.001 |
| 2011 | 0.8 | 0.1 | 0.6 | 1.0 | <0.001 |
| 2012 | 1.0 | 0.1 | 0.8 | 1.2 | <0.001 |
| 2013 | 1.3 | 0.1 | 1.1 | 1.5 | <0.001 |
| 2014 | 1.5 | 0.1 | 1.3 | 1.7 | <0.001 |
| 2015 | 1.6 | 0.1 | 1.4 | 1.8 | <0.001 |
| 2016 | 1.8 | 0.1 | 1.6 | 2.0 | <0.001 |
| Surgical volume | 0.0 | 0.0 | 0.0 | 0.0 | 0.18 |
| Hospital beds | 0.0 | 0.0 | 0.0 | 0.0 | 0.18 |
| Lower GI | Reference | | | |  |
| Hysterectomy | 3.5 | 0.2 | 3.2 | 3.8 | <0.001 |
| Joint replacement | 2.9 | 0.2 | 2.5 | 3.3 | <0.001 |
| Lung | 2.5 | 0.3 | 2.0 | 3.1 | <0.001 |
| Nephrectomy | 3.1 | 0.2 | 2.6 | 3.5 | <0.001 |
| Neurosurgery | 3.3 | 0.2 | 2.9 | 3.7 | <0.001 |
| Prostatectomy | 4.1 | 0.2 | 3.7 | 4.5 | <0.001 |
| PAD | 2.0 | 0.4 | 1.2 | 2.8 | <0.001 |
| Shoulder | 4.7 | 0.2 | 4.3 | 5.2 | <0.001 |
| Spine | 3.6 | 0.3 | 3.0 | 4.2 | <0.001 |
| Upper GI | 0.5 | 0.4 | -0.2 | 1.2 | 0.13 |
| Aorta | 2.3 | 0.3 | 1.7 | 3.0 | <0.001 |
| Teaching | 0.0 | 0.4 | -0.8 | 0.8 | 0.99 |
| Rural | 0.0 | 0.0 | -0.1 | 0.1 | 0.48 |
| Charlson ≥ 2 | -0.9 | 0.1 | -1.1 | -0.7 | <0.001 |
| Asthma | -0.1 | 0.0 | -0.2 | -0.1 | <0.001 |
| Coronary artery disease | -0.2 | 0.1 | -0.3 | 0.0 | 0.08 |
| Atrial fibrillation | -0.6 | 0.1 | -0.8 | -0.4 | <0.001 |
| Stroke | -0.1 | 0.2 | -0.5 | 0.2 | 0.46 |
| COPD | -0.2 | 0.0 | -0.3 | -0.2 | <0.001 |
| Hypertension | 0.0 | 0.0 | 0.0 | 0.1 | 0.05 |
| Chronic renal disease | -0.5 | 0.2 | -0.9 | -0.1 | 0.03 |
| Diabetes | -0.1 | 0.0 | -0.1 | 0.0 | 0.65 |
| Chronic liver disease | -0.1 | 0.2 | -0.5 | 0.3 | 0.62 |
| Primary malignancy | 0.6 | 0.1 | 0.4 | 0.8 | <0.001 |
| Secondary malignancy | 0.5 | 0.2 | 0.2 | 0.8 | 0.002 |
| Myocardial infarction | 0.5 | 0.2 | 0.2 | 0.8 | 0.004 |
| Duration of surgery (min) | -0.1 | 0.0 | -0.1 | -0.1 | <0.001 |

*CI Confidence interval; COPD Chronic obstructive airways disease; GI Gastrointestinal; Min Minutes; PAD Peripheral arterial disease; SE Standard error*

**(b) Days alive and out of hospital at 90 days**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Parameter** | **SE** | **Lower 95% CI** | **Upper 95% CI** | **P-Value** |
| Quintile 1 | Reference | | | |  |
| Quintile 2 | 0.1 | 0.1 | -0.1 | 0.4 | 0.26 |
| Quintile 3 | 0.3 | 0.1 | 0.1 | 0.5 | 0.02 |
| Quintile 4 | 0.4 | 0.1 | 0.1 | 0.6 | <0.05 |
| Quintile 5 | 0.5 | 0.1 | 0.2 | 0.7 | <0.001 |
| Male | 0.1 | 0.1 | 0.0 | 0.2 | 0.04 |
| Age | -0.1 | 0.0 | -0.1 | 0.0 | <0.001 |
| 2006 | Reference | | | |  |
| 2007 | 0.7 | 0.2 | 0.4 | 1.1 | <0.001 |
| 2008 | 1.0 | 0.2 | 0.6 | 1.4 | <0.001 |
| 2009 | 1.1 | 0.2 | 0.7 | 1.5 | <0.001 |
| 2010 | 1.2 | 0.2 | 0.8 | 1.6 | <0.001 |
| 2011 | 1.3 | 0.2 | 0.9 | 1.7 | <0.001 |
| 2012 | 1.6 | 0.2 | 1.2 | 2.0 | <0.001 |
| 2013 | 1.9 | 0.2 | 1.5 | 2.3 | <0.001 |
| 2014 | 2.0 | 0.2 | 1.6 | 2.4 | <0.001 |
| 2015 | 2.1 | 0.2 | 1.8 | 2.5 | <0.001 |
| 2016 | 2.3 | 0.2 | 1.9 | 2.7 | <0.001 |
| Surgical volume | 0.0 | 0.0 | 0.0 | 0.0 | 0.22 |
| Hospital beds | 0.0 | 0.0 | 0.0 | 0.0 | 0.35 |
| Lower GI | Reference | | | |  |
| Hysterectomy | 4.2 | 0.3 | 3.7 | 4.7 | <0.001 |
| Joint replacement | 3.7 | 0.3 | 3.1 | 4.2 | <0.001 |
| Lung | 3.5 | 0.4 | 2.7 | 4.2 | <0.001 |
| Nephrectomy | 4.7 | 0.3 | 4.0 | 5.4 | <0.001 |
| Neurosurgery | 4.3 | 0.4 | 3.5 | 5.1 | <0.001 |
| Prostatectomy | 5.4 | 0.3 | 4.8 | 6.1 | <0.001 |
| PAD | 2.6 | 0.5 | 1.6 | 3.6 | <0.001 |
| Shoulder | 6.6 | 0.4 | 5.9 | 7.3 | <0.001 |
| Spine | 4.8 | 0.4 | 4.1 | 5.6 | <0.001 |
| Upper GI | 1.7 | 0.5 | 0.6 | 2.7 | <0.05 |
| Aorta | 3.7 | 0.4 | 2.9 | 4.4 | <0.001 |
| Teaching | -0.1 | 1.3 | -2.7 | 2.6 | 0.97 |
| Rural | -0.3 | 0.1 | -0.2 | 0.1 | 0.65 |
| Charlson ≥ 2 | -1.2 | 0.2 | -1.6 | -0.9 | <0.001 |
| Asthma | -0.1 | 0.0 | -0.2 | 0.0 | <0.05 |
| Coronary artery disease | 0.1 | 0.2 | -0.3 | 0.5 | 0.55 |
| Atrial fibrillation | -0.7 | 0.2 | -1.0 | -0.3 | <0.05 |
| Stroke | 0.6 | 0.2 | 0.1 | 1.1 | <0.05 |
| COPD | -0.2 | 0.0 | -0.3 | -0.1 | <0.001 |
| Hypertension | 0.1 | 0.1 | 0.0 | 0.2 | <0.05 |
| Chronic renal disease | -0.2 | 0.3 | -0.9 | 0.4 | 0.48 |
| Diabetes | 0.1 | 0.0 | 0.0 | 0.1 | 0.30 |
| Chronic liver disease | 0.3 | 0.3 | -0.4 | 0.9 | 0.44 |
| Primary malignancy | 0.8 | 0.2 | 0.5 | 1.2 | <0.05 |
| Secondary malignancy | 0.7 | 0.2 | 0.2 | 1.2 | <0.05 |
| Myocardial infarction | 0.6 | 0.2 | 0.2 | 1.0 | <0.05 |
| Duration of surgery (min) | -0.1 | 0.0 | -0.2 | -0.1 | <0.001 |

*CI Confidence interval; COPD Chronic obstructive airways disease; GI Gastrointestinal; Min Minutes; PAD Peripheral arterial disease; SE Standard error*

**(c) Days alive and out of hospital at 180 days**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Parameter** | **SE** | **Lower 95% CI** | **Upper 95% CI** | **P-Value** |
| Quintile 1 | Reference | | | |  |
| Quintile 2 | 0.6 | 0.2 | 0.3 | 0.9 | <0.05 |
| Quintile 3 | 0.4 | 0.2 | 0.2 | 0.7 | <0.05 |
| Quintile 4 | 0.5 | 0.2 | 0.2 | 0.8 | <0.05 |
| Quintile 5 | 0.6 | 0.2 | 0.3 | 1.0 | <0.05 |
| Male | 0.0 | 0.1 | -0.2 | 0.2 | 0.99 |
| Age | -0.1 | 0.0 | -0.1 | -0.1 | <0.001 |
| 2006 | Reference | | | |  |
| 2007 | 1.4 | 0.4 | 0.7 | 2.1 | <0.001 |
| 2008 | 1.7 | 0.4 | 1.0 | 2.5 | <0.001 |
| 2009 | 1.8 | 0.4 | 1.0 | 2.6 | <0.001 |
| 2010 | 1.9 | 0.4 | 1.1 | 2.7 | <0.001 |
| 2011 | 2.1 | 0.4 | 1.3 | 2.9 | <0.001 |
| 2012 | 2.4 | 0.4 | 1.6 | 3.1 | <0.001 |
| 2013 | 2.8 | 0.4 | 2.0 | 3.5 | <0.001 |
| 2014 | 2.9 | 0.4 | 2.1 | 3.7 | <0.001 |
| 2015 | 3.1 | 0.4 | 2.3 | 3.8 | <0.001 |
| 2016 | 3.2 | 0.4 | 2.4 | 4.0 | <0.001 |
| Surgical volume | 0.0 | 0.0 | 0.0 | 0.0 | <0.05 |
| Hospital beds | 0.0 | 0.0 | 0.0 | 0.0 | 0.18 |
| Lower GI | Reference | | | |  |
| Hysterectomy | 4.7 | 0.4 | 3.9 | 5.6 | <0.001 |
| Joint replacement | 5.2 | 0.5 | 4.2 | 6.1 | <0.001 |
| Lung | 4.8 | 0.6 | 3.7 | 5.8 | <0.001 |
| Nephrectomy | 6.4 | 0.6 | 5.3 | 7.5 | <0.001 |
| Neurosurgery | 3.7 | 0.8 | 2.1 | 5.3 | <0.001 |
| Prostatectomy | 7.2 | 0.5 | 6.2 | 8.3 | <0.001 |
| PAD | 2.4 | 0.8 | 9.8 | 4.0 | <0.001 |
| Shoulder | 8.4 | 0.6 | 7.2 | 9.6 | <0.001 |
| Spine | 6.4 | 0.6 | 5.2 | 7.5 | <0.001 |
| Upper GI | 2.4 | 0.7 | 1.0 | 3.9 | <0.05 |
| Aorta | 4.9 | 0.6 | 3.6 | 6.1 | <0.001 |
| Teaching | 0.1 | 2.1 | -4.0 | 4.3 | 0.94 |
| Rural | -0.3 | 0.1 | -0.5 | -0.1 | <0.05 |
| Charlson ≥ 2 | -0.8 | 0.4 | -1.5 | 0.0 | <0.05 |
| Asthma | -0.5 | 0.1 | -0.6 | -0.3 | <0.001 |
| Coronary artery disease | 0.0 | 0.3 | -0.5 | 0.6 | 0.90 |
| Atrial fibrillation | -1.1 | 0.3 | -1.7 | -0.6 | <0.001 |
| Stroke | 0.8 | 0.4 | 0.1 | 1.5 | <0.05 |
| COPD | -0.5 | 0.1 | -0.6 | -0.3 | <0.001 |
| Hypertension | 0.4 | 0.1 | 0.2 | 0.6 | <0.001 |
| Chronic renal disease | -2.5 | 0.7 | -3.8 | -1.2 | <0.001 |
| Diabetes | -0.1 | 0.1 | -0.3 | 0.0 | 0.06 |
| Chronic liver disease | -1.0 | 0.7 | -2.5 | 0.4 | 0.17 |
| Primary malignancy | 0.6 | 0.4 | -0.1 | 1.3 | 0.11 |
| Secondary malignancy | 0.0 | 0.4 | -0.7 | 0.8 | 0.93 |
| Myocardial infarction | 1.1 | 0.3 | 0.5 | 1.8 | <0.001 |
| Duration of surgery (min) | -0.2 | 0.0 | -0.2 | -0.2 | <0.001 |

*CI Confidence interval; COPD Chronic obstructive airways disease; GI Gastrointestinal; Min Minutes; PAD Peripheral arterial disease; SE Standard error*

**Table 3. Regression model predicting outcome of days alive and out of hospital at 30-days for patients undergoing major joint replacement, upper and lower gastrointestinal resection, abdominal aortic aneurysm and peripheral arterial disease surgery.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Upper and Lower GI Surgery** | | **Joint Replacement Surgery** | |
| **Variable** | **Parameter** | **95% CI** | **Parameter** | **95% CI** |
| Quintile 1 | Reference | | Reference | |
| Quintile 2 | 0.2 | 0.0- 0.3 | 0.2 | 0.1- 0.3 |
| Quintile 3 | 0.2 | 0.1- 0.4 | 0.2 | 0.1- 0.3 |
| Quintile 4 | 0.3 | 0.2- 0.5 | 0.2 | 0.1- 0.3 |
| Quintile 5 | 0.4 | 0.2- 0.6 | 0.3 | 0.2- 0.4 |
| Male | -0.1 | -0.2- 0.0 | 0.2 | 0.2- 0.3 |
| Age | -0.1 | -0.1- -0.1 | 0.0 | -0.0- -0.0 |
| Surgical volume | 0.0 | -0.0- 0.0 | 0.0 | -0.0- 0.0 |
| Hospital beds | 0.0 | -0.0- 0.0 | 0.0 | -0.0- 0.0 |
| Lower GI | Reference | | *N.A.* | *N.A.* |
| Upper GI | -0.2 | -0.8- 0.3 | *N.A.* | *N.A.* |
| Teaching | 0.3 | -0.8- 1.4 | -0.1 | -1.0- 0.8 |
| Rural | 0.0 | -0.2- 0.1 | 0.1 | 0.0- 0.1 |
| Charlson ≥ 2 | -1.0 | -1.3- -0.7 | -0.3 | -0.5- -0.2 |
| Asthma | -0.2 | -0.3- -0.1 | -0.1 | -0.1- -0.1 |
| Coronary artery disease | -0.8 | -1.2- -0.5 | -0.3 | -0.5- -0.1 |
| Atrial fibrillation | -1.1 | -1.4- -0.8 | -0.2 | -0.4- -0.0 |
| Stroke | -0.5 | -1.0- -0.0 | -0.2 | -0.4- 0.1 |
| COPD | -0.6 | -0.7- -0.5 | -0.1 | -0.1- -0.1 |
| Hypertension | 0.0 | -0.1- 0.1 | 0.0 | -0.0- 0.0 |
| Chronic renal disease | -1.3 | -2.0- -0.6 | -0.6 | -0.9- -0.3 |
| Diabetes | 0.0 | -0.2- 0.1 | -0.1 | -0.1- -0.1 |
| Chronic liver disease | -0.7 | -1.3- -0.1 | -0.5 | -0.7- -0.2 |
| Primary malignancy | 0.2 | -0.1- 0.5 | 0.4 | 0.1- 0.6 |
| Secondary malignancy | 0.4 | 0.2- 0.7 | 0.0 | -0.3- 0.2 |
| Myocardial infarction | 0.6 | 0.2- 1.1 | 0.2 | -0.1- 0.4 |
| Duration of surgery (min) | -0.2 | -0.2- -0.1 | -0.8 | -0.1- -0.1 |

*COPD Chronic obstructive airways disease; GI Gastrointestinal; Min Minutes; N.A. Not applicable*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Aortic surgery** | | **PAD surgery** | |
| **Variable** | **Parameter** | **95% CI** | **Parameter** | **95% CI** |
| Quintile 1 | Reference | | Reference | |
| Quintile 2 | 0.5 | 0.2- 0.7 | 0.4 | 0.1- 0.6 |
| Quintile 3 | 0.5 | 0.2- 0.9 | 0.6 | 0.3- 0.9 |
| Quintile 4 | 0.5 | 0.2- 0.9 | 0.4 | 0.1- 0.6 |
| Quintile 5 | 0.5 | 0.3- 0.8 | 0.5 | 0.3- 0.8 |
| Male | 0.6 | 0.4- 0.8 | 0.5 | 0.3- 0.7 |
| Age | -0.1 | -0.1- -0.1 | -0.1 | -0.1- -0.1 |
| Surgical volume | 0.0 | -0.0- 0.0 | 0.0 | -0.0- 0.0 |
| Hospital beds | 0.0 | 0.0- -0.0 | 0.0 | -0.0- 0.0 |
| EVAR | Reference | | *N.A.* | *N.A.* |
| Open AAA | -4.5 | -4.8- -4.1 | *N.A.* | *N.A.* |
| Teaching | -0.4 | -2.0- 1.1 | 0.0 | -1.4- 1.5 |
| Rural | 0.0 | -0.2- 0.2 | 0.0 | -0.2- 0.2 |
| Charlson ≥ 2 | -0.7 | -1.0- -0.4 | -1.4 | -1.6- -1.1 |
| Asthma | 0.1 | -0.1- 0.3 | -0.3 | -0.6- -0.1 |
| Coronary artery disease | -0.2 | -0.4- 0.0 | -0.2 | -0.5- 0.2 |
| Atrial fibrillation | -0.2 | -0.5- 0.1 | -1.1 | -1.5- -0.7 |
| Stroke | 0.1 | -0.3- 0.5 | 0.5 | 0.1- 0.9 |
| COPD | -0.2 | -0.4- -0.1 | 0.1 | -0.1- 0.3 |
| Hypertension | -0.1 | -0.2- 0.0 | -0.1 | -0.2- 0.1 |
| Chronic renal disease | -0.4 | -1.0- 0.2 | -3.2 | -4.1- -2.3 |
| Diabetes | 0.1 | -0.0- 0.2 | -0.6 | -0.8- -0.4 |
| Chronic liver disease | 0.2 | -0.8- 1.1 | -0.3 | -1.3- 0.6 |
| Primary malignancy | 0.8 | 0.3- 1.3 | 1.1 | 0.3- 1.8 |
| Secondary malignancy | 0.2 | -0.5- 0.8 | -0.8 | -2.3- 0.6 |
| Myocardial infarction | 0.3 | -0.0- 0.6 | -0.2 | -0.7- 0.3 |
| Duration of surgery (min) | -0.1 | -0.2- -0.1 | 0.0 | -0.1- -0.0 |

*AAA Abdominal aortic aneurysm; COPD Chronic obstructive airways disease; EVAR Endovascular aortic aneurysm repair; Min Minutes; N.A. Not applicable; PAD Peripheral arterial disease*