# Supplementary Table 6. Relationship between magnitude of HRR and other factors associated with more rapid discharge from hospital after surgery.

HRR was progressively independently associated with more POMS-defined morbidity within 5 days of surgery. Reference is absence of condition, unless stated otherwise. The default recoding scheme used for translating a categorical variable into a set of internal numeric variables was produced by comparing each categorical variable with the next variable in the dataset. For HRR, lower odds ratio refers to preceding category being less likely to remain in hospital). Patients who died were right-censored as the largest length of stay.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Independent Variable** | **OR** | **Lower 95%CI** | **Upper 95%CI** | **p value** |
| Age | 1.00 | 0.99 | 1.00 | 0.560 |
| Body-mass index | 1.01 | 1.00 | 1.02 | 0.130 |
| Gender | 1.00 | 0.94 | 1.06 | 0.490 |
| Heart rate | 1.00 | 0.99 | 1.00 | 0.190 |
| Cardiac history | 1.06 | 0.95 | 1.19 | 0.39 |
| Surgical procedure (first comparator: abdominal) |  |  |  |  |
| *Orthopaedic* | 0.77 | 0.67 | 0.88 | <0.001 |
| *Other* | 0.59 | 0.48 | 0.72 | <0.001 |
| *Urology/gynaecology* | 1.36 | 1.19 | 1.56 | 0.530 |
| *Vascular* | 0.81 | 0.58 | 1.14 | 0.150 |
| Active malignancy | 0.84 | 0.75 | 0.94 | <0.001 |
| Diabetes mellitus | 1.10 | 1.02 | 1.19 | <0.001 |
| Heart rate recovery (first comparator: HRR>19) |  |  |  |  |
| *HRR:13-18* | 1.03 | 0.93 | 1.13 | 0.570 |
| *HRR:7-12* | 1.14 | 1.00 | 1.28 | 0.040 |
| *HRR:<6* | 1.12 | 1.01 | 1.25 | <0.001 |
| Postoperative morbidity within 5 days of surgery | 2.81 | 2.61 | 3.02 | <0.001 |