

Supplementary table 2 - COX regression analysis of factors predicting survival

| | | | 95.0% CI | |
|--|---------------|-------|----------|--------|
| | P-value | HR | Lower | Upper |
| IMD Q5 | 0.964 | 0.932 | 0.224 | 3.850 |
| IMD Q5(1) | 0.904 | 0.917 | 0.224 | 3.760 |
| IMD Q5(2) | 0.590 | 0.651 | 0.137 | 3.105 |
| IMD Q5(3) | 0.604 | 0.641 | 0.119 | 3.441 |
| IMD Q5(4) | 0.959 | 0.956 | 0.173 | 5.289 |
| Age | 0.003* | 1.064 | 1.021 | 1.108 |
| Gender | 0.087 | 0.368 | 0.117 | 1.158 |
| Past acute pancreatitis | 0.135 | 2.589 | 0.743 | 9.027 |
| Type 2 Diabetes | 0.714 | 1.258 | 0.368 | 4.299 |
| Past alcohol dependence | 0.420 | 0.622 | 0.196 | 1.975 |
| Ischaemic Heart Disease (IHD) | 0.118 | 6.784 | 0.616 | 74.688 |
| Hypertension (HTN) | 0.855 | 1.100 | 0.393 | 3.078 |
| Chronic Kidney Disease (CKD) | 0.216 | 0.371 | 0.077 | 1.786 |
| Chronic Obstructive Pulmonary Disease (COPD) | 0.333 | 3.091 | 0.315 | 30.344 |
| Smoker (active) | 0.870 | 1.097 | 0.361 | 3.333 |
| Prothrombin time | 0.050* | 0.868 | 0.753 | 1.000 |
| Interstitial Oedematous Pancreatitis (IEP) | 0.519 | 0.439 | 0.036 | 5.363 |
| Necrotising Pancreatitis (NP) | 0.509 | 0.445 | 0.040 | 4.908 |
| Combined splenic and portal vein thrombosis | 0.771 | 1.387 | 0.153 | 12.542 |
| Pancreatic necrosis | 0.367 | 1.958 | 0.454 | 8.436 |
| Dialysis | 0.710 | 0.803 | 0.252 | 2.557 |
| Ventilatory support | 0.036* | 0.319 | 0.110 | 0.927 |
| Endocrine dysfunction | 0.825 | 0.847 | 0.195 | 3.679 |

*Statistically significant at <0.05 level

IMD: indices of multiple deprivation