

Supplementary file 5 : Comparison of outcomes between swab confirmed SARS-CoV-2 Positive and Negative patients

| Outcome | COVID status | Unadjusted Analysis | | | | Adjusted Analysis ^(*) | | |
|---|--------------|---------------------|-------------|-------------------|---------|----------------------------------|-------------------|---------|
| | | N | n (%) | OR (95% CI) | P-value | N | OR (95% CI) | P-value |
| ICU admission | Negative | 822 | 82 (10.0%) | 1 | <0.001 | 822 | 1 | 0.47 |
| | Positive | 82 | 19 (23.2%) | 3.16 (1.66, 5.98) | | 82 | 1.38 (0.58, 3.30) | |
| 30-day mortality | Negative | 789 | 27 (3.4%) | 1 | <0.001 | 789 | 1 | 0.04 |
| | Positive | 74 | 12 (16.2%) | 5.46 (2.64, 11.3) | | 74 | 2.65 (1.03, 6.83) | |
| Length of hospital stay ^(*) | Negative | 802 | 5 [3, 9] | 1 | <0.001 | 802 | 1 | 0.02 |
| | Positive | 74 | 8 [4, 17] | 1.60 (1.34, 1.90) | | 74 | 1.20 (1.03, 1.40) | |
| Pancreatic Necrosis (suspected or +ve) | Negative | 727 | 104 (14.3%) | 1 | 0.02 | 727 | 1 | 0.88 |
| | Positive | 76 | 19 (25.0%) | 2.06 (1.13, 3.73) | | 76 | 0.94 (0.46, 1.95) | |
| Acute pancreatic fluid Collections (suspected or +ve) | Negative | 725 | 169 (23.3%) | 1 | <0.001 | 725 | 1 | 0.02 |
| | Positive | 76 | 36 (47.4%) | 3.11 (1.84, 5.24) | | 76 | 2.14 (1.16, 3.96) | |
| Pseudo aneurysms (suspected or +ve) | Negative | 725 | 12 (1.5%) | 1 | 0.89 | 725 | 1 | 0.34 |
| | Positive | 76 | 1 (1.3%) | 0.87 (0.11, 6.80) | | 76 | 0.33 (0.03, 3.24) | |
| PL fistula (suspected or +ve) | Negative | 725 | 4 (0.8%) | | (+) | 725 | | (+) |
| | Positive | 75 | 0 (0.0%) | | | 75 | | |
| Enteric fistula (suspected or +ve) | Negative | 724 | 8 (1.1%) | | (+) | 725 | | (+) |
| | Positive | 102 | 0 (0.0%) | | | 75 | | |
| Pancreatic ascites (suspected or +ve) | Negative | 726 | 79 (10.9%) | 1 | 0.58 | 726 | 1 | 0.64 |
| | Positive | 76 | 10 (13.2%) | 1.25 (0.57, 2.71) | | 76 | 0.81 (0.33, 1.97) | |
| Portal vein thrombus (suspected or +ve) | Negative | 722 | 28 (3.9%) | 1 | 0.80 | 722 | 1 | 0.19 |
| | Positive | 75 | 2 (2.7%) | 0.82 (0.18, 3.70) | | 75 | 0.33 (0.06, 1.73) | |
| Any local | Negative | 722 | 219 (30.3%) | 1 | <0.001 | 722 | 1 | 0.11 |

| | | | | | | | | |
|------------------|----------|-----|---------------|----------------------|--------|-----|----------------------|-------|
| complication (#) | Positive | 75 | 39 (52.0%) | 2.55 (1.53, 4.24) | | 75 | 1.65 (0.89, 3.08) | |
| | Negative | 798 | 55 (6.9%) | 1 | <0.001 | 798 | 1 | 0.004 |
| | Positive | 111 | 27 (24.3%) | 5.48 (3.03, 9.92) | | 111 | 3.42 (1.47, 7.94) | |

(~) Adjusted for: age, sex, smoking status, alcohol aetiology, idiopathic aetiology, unknown aetiology, other aetiology, ECOG, Atlanta classification

(*) Summary statistics are: Median [**p75-p25**]. Group differences reported as: Ratio (95% CI)

(+) Insufficient occurrences to enable a formal group comparison

(#) Defined as any of: Collection, Pseudoaneurysm, Pancreatic Pleural Fistula, Enteric Fistula, Pancreatic Ascites, or Portal Vein Thrombus

() (***) 983 patients were included in the SARS-CoV-2 negative group and 118 patients in the negative group**