

SUPPLEMENTARY MATERIALS

Tables S1-S2A-S2B

Multivariable logistic regression analysis showing independent overall and by group predictors of in-hospital mortality (see also Figure 1 – panel A and B).

Table 1. Overall mortality predictors in multivariate logistical regression.

| | OR | IQR | p |
|--|-----------|------------|----------|
| PaO₂/FiO₂ < 300 mmHg | 8.0 | 4.5-14.2 | <0.001 |
| Heart failure | 4.7 | 2.0-10.8 | <0.001 |
| Age > 65 years | 3.2 | 1.7-6.2 | 0.001 |
| Male gender | 2.6 | 1.4-4.8 | 0.002 |
| Myocardial injury | 2.5 | 1.3-4.5 | 0.003 |
| CCS | 2.3 | 1.1-5.1 | 0.03 |
| Diabetes | 2.1 | 1.2-4.0 | 0.015 |
| Obesity | 1.6 | 0.6-4.1 | 0.312 |
| COPD | 1.5 | 0.6-3.9 | 0.366 |
| CKD | 1.1 | 0.5-2.4 | 0.785 |
| Smoke | 0.8 | 0.4-1.8 | 0.603 |
| Hypertension | 0.8 | 0.4-1.4 | 0.374 |

Table S2: stratification of in-hospital mortality between CCS and non-CCS patients;.

| Table S2A: Mortality Predictors in CCS patients | | | |
|--|-----------|------------|----------|
| | OR | IQR | p |
| Age > 65 years | 4.2 | 0.8-23.3 | 0.100 |
| Male gender | 5.4 | 1.5-19.5 | 0.011 |
| Hypertension | 1.8 | 0.4-7.4 | 0.426 |
| PaO₂/FiO₂ < 300 mmHg | 10.4 | 3.5-31.0 | <0.001 |
| Heart failure | 2.9 | 0.9-9.2 | 0.064 |
| CKD | 1.1 | 0.3-3.9 | 0.857 |
| COPD | 1.5 | 0.3-7.9 | 0.629 |
| Myocardial injury | 0.6 | 0.2-1.9 | 0.409 |
| Obesity | 3.3 | 0.5-20.0 | 0.197 |
| Diabetes | 1.5 | 0.5-4.7 | 0.497 |
| No previous revascularization | 2.4 | 0.6-9.1 | 0.194 |
| Table S2B: Mortality Predictors in non-CCS patients | | | |
| | OR | IQR | p |
| Age > 65 years | 2.8 | 1.3-6.2 | 0.01 |
| Male gender | 2.0 | 0.9-4.3 | 0.078 |
| Hypertension | 0.5 | 0.2-1.1 | 0.081 |
| PaO₂/FiO₂ < 300 mmHg | 6.0 | 2.9-12.3 | <0.001 |
| Heart failure | 16.3 | 3.4-77.3 | <0.001 |
| CKD | 1.1 | 0.4-3.2 | 0.879 |
| COPD | 1.2 | 0.3-3.9 | 0.809 |
| Myocardial injury | 5.0 | 2.4-10.6 | <0.001 |
| Obesity | 1.5 | 0.4-5.2 | 0.543 |
| Diabetes | 2.7 | 1.2-6.1 | 0.019 |
| No previous revascularization | NA | NA | NA |

Abbreviations: CCS: chronic coronary syndromes; CKD: chronic kidney disease; COPD: chronic obstructive pulmonary disease; FiO₂: fraction of inspired oxygen; IQR: interquartile range; NA: not applicable; OR: odds ratio; paO₂: partial pressure of oxygen in arterial blood.

Tables S3-S4A-S4B

Multivariable logistic regression analysis showing independent overall and by group predictors of myocardial injury (see also Figure 1 – panel C and D).

Table 3. Overall Myocardial Injury Predictors in Myocardial Injury Predictors.

| | OR | IQR | p |
|--------------------------|-----------|-------------|----------|
| Diabetes | 3.42 | 1.85 – 6.36 | < 0.001 |
| Age > 65 years | 3.28 | 1.68 – 6.40 | 0.001 |
| Heart failure | 3.02 | 1.21 – 7.55 | 0.018 |
| Hypertension | 2.10 | 1.18 – 3.75 | 0.012 |
| CCS | 0.69 | 0.30 – 1.55 | 0.371 |
| Smoke | 1.06 | 0.48 – 2.34 | 0.880 |
| PaO2/FiO2 | 1.00 | 0.99 – 1.00 | 0.090 |
| Male gender | 0.96 | 0.55 – 1.68 | 0.896 |
| Hb | 0.87 | 0.76 – 0.99 | 0.038 |
| COPD | 1.01 | 0.40 – 2.48 | 0.998 |
| CKD | 0.48 | 0.20 – 1.13 | 0.093 |
| Obesity | 0.62 | 0.22 – 1.74 | 0.362 |

Table 4. stratification of myocardial injury between CCS and non-CCS patients.

| Table S4A: Myocardial Injury Predictors in CCS patients | | | |
|--|-----------|--------------|----------|
| | OR | IQR | p |
| Diabetes | 3.41 | 1.02 – 11.38 | 0.046 |
| Age > 65 years | 0.71 | 0.12 – 4.11 | 0.706 |
| Heart failure | 2.66 | 0.67 – 10.45 | 0.160 |
| Smoke | 1.87 | 0.52 – 6.73 | 0.339 |
| Hypertension | 1.62 | 0.38 – 6.84 | 0.515 |
| Male gender | 0.57 | 0.15 – 2.01 | 0.370 |
| Hemoglobin | 0.84 | 0.61 – 1.16 | 0.288 |
| PaO2/FiO2 | 1.01 | 0.99 – 1.00 | 0.171 |
| COPD | 1.24 | 0.26 – 5.79 | 0.785 |
| CKD | 0.65 | 0.14 – 2.92 | 0.572 |
| Obesity | 0.50 | 0.05 – 4.55 | 0.541 |
| No previous revascularization | 2.48 | 0.60 – 10.20 | 0.209 |
| Table S4B: Myocardial Injury Predictors in non-CCS patients | | | |
| | OR | IQR | p |
| Diabetes | 3.06 | 1.35 – 6.82 | 0.007 |
| Age > 65 years | 3.92 | 1.84 – 8.40 | < 0.001 |
| Heart failure | 5.23 | 0.98 – 28.04 | 0.052 |
| Smoke | 1.02 | 0.33 – 3.14 | 0.965 |
| Hypertension | 1.85 | 0.93 – 3.67 | 0.078 |
| Male gender | 1.38 | 0.71 – 2.70 | 0.347 |
| Hemoglobin | 0.85 | 0.73 – 0.98 | 0.033 |

| | | | |
|--|------|-------------|-------|
| PaO₂/FiO₂ | 0.99 | 0.99 – 0.99 | 0.004 |
| COPD | 0.88 | 0.25 – 3.04 | 0.835 |
| CKD | 0.58 | 0.18 – 1.81 | 0.347 |
| Obesity | 0.87 | 0.12 – 14.4 | 0.819 |

Abbreviations: CCS: chronic coronary syndromes; CKD: chronic kidney disease; COPD: chronic obstructive pulmonary disease; FiO₂: fraction of inspired oxygen; IQR: interquartile range; OR: odds ratio; paO₂: partial pressure of oxygen in arterial blood.