

Suppl. Table 2 Liver functions test in COVID-19 patients with favorable and poor outcome

	No ICU admission	ICU admission	p	Non-severe COVID-19 n=129	Severe COVID-19 <sup>1</sup> n=88	p
<b>Liver parameters at admission</b>						
AST (x ULN)	0.8 (0.4-29.2)	1.1 (0.4-6.2)	<b>0.004 *</b>	0.8 (0.4-29.2)	1.1 (0.4-6.2)	<b>0.005 *</b>
ALT (x ULN)	0.7 (0.2-33.7)	0.9 (0.2-4.3)	<b>0.024 *</b>	0.7 (0.2-33.7)	0.8 (0.2-4.3)	0.37
TBIL (mg/dl, ULN ≤ 1.2 mg/dl)	0.5 (0.1-11.6)	0.6 (0.2-19.5)	<b>0.036 *</b>	0.5 (0.1-11.6)	0.5 (0.2-19.5)	<b>0.030 *</b>
GGT (x ULN)	0.7 (0.1-24.1)	1.1 (0.2-24.9)	<b>0.024 *</b>	0.7 (0.1-24.1)	0.9 (0.2-24.9)	0.11
ALP (x ULN)	0.6 (0.3-3.5)	0.5 (0.2-9.9)	0.48	0.6 (0.3-3.5)	0.5 (0.2-9.9)	0.40
Albumin (g/l, reference range 3.5-5.2 g/l)	3.9 (2.2-5.1)	3.0 (1.8-4.3)	<b>&lt; 0.001 *</b>	3.9 (2.2-5.1)	3.1 (1.8-4.3)	<b>&lt; 0.001 *</b>
<b>Liver parameters at respective peak levels<sup>2</sup></b>						
AST (x ULN)	1.2 (0.4-34.6)	3.1 (0.9-127.2)	<b>&lt; 0.001 *</b>	1.2 (0.4-34.6)	2.7 (0.7-127.2)	<b>&lt; 0.001 *</b>
ALT (x ULN)	1.1 (0.2-17.1)	3.8 (0.5-57.2)	<b>&lt; 0.001 *</b>	1.1 (0.3-17.1)	3.0 (0.2-57.2)	<b>&lt; 0.001 *</b>
TBIL (mg/dl, ULN ≤ 1.2 mg/dl)	0.6 (0.2-31.8)	1.0 (0.3-31.5)	<b>&lt; 0.001 *</b>	0.6 (0.2-31.8)	1.0 (0.3-31.5)	<b>&lt; 0.001 *</b>
GGT (x ULN)	1.0 (0.2-24.1)	6. (0.4-129.8)	<b>&lt; 0.001 *</b>	0.9 (0.2-24.1)	4.9 (0.3-129.8)	<b>&lt; 0.001 *</b>
ALP (x ULN)	0.7 (0.3-3.5)	1.3 (0.3-15.0)	<b>&lt; 0.001 *</b>	0.7 (0.3-3.5)	1.2 (0.3-15.0)	<b>&lt; 0.001 *</b>
Albumin (g/l, reference range 3.5-5.2 g/l)	3.5 (2.1-4.7)	2.1 (1.1-4.0)	<b>&lt; 0.001 *</b>	3.6 (2.2-4.7)	2.2 (1.1-4.0)	<b>&lt; 0.001 *</b>

Variables are presented as median (range). <sup>1</sup> Severe COVID-19 is defined as the composite endpoint comprised of ICU admission and/or COVID-19-related death. <sup>2</sup> Albumin levels are presented at respective nadir levels. Abbreviations: ALP: Alkaline phosphatase; ALT: Alanine aminotransferase; AST: Aspartate aminotransferase; COVID-19: Coronavirus Disease 2019; GGT: Gamma-glutamyltransferase; ICU: Intensive care unit; TBIL: Total bilirubin; ULN: Upper limit of normal. \* shows a statistical significance (p≤0.05).