

Supplementary Table 3: Characteristics of 2491 enrolled ICU patients with and without available serum albumin measurements.

Supplementary Table 3 Characteristics of Total Population	With Albumin Measured (n=993)	Without Albumin Measured (n=1498)	P value
Age, years (median (IQR))	56 (47-56)	60 (48-69)	<0.001
Male Sex (n, %)	529 (53%)	853 (57%)	0.077
ICU Location (n, %)			<0.001
Surgical	112 (11%)	489 (33%)	
Medical	848 (85%)	919 (61%)	
Cardiovascular	33 (3%)	81 (5%)	
Risk factors for ARDS (n, %)			<0.001
Non-pulmonary sepsis	391 (39%)	441 (29%)	
Pneumonia	176 (18%)	244 (16%)	
Multiple transfusions	104 (10%)	198 (13%)	
Aspiration	92 (9%)	139 (9%)	
Pancreatitis	22 (2%)	20 (1%)	
Drug overdose	33 (3%)	24 (2%)	
Other	17 (2%)	16(1%)	
None or N/A	155 (12%)	408 (27%)	
APACHE II score (median (IQR))	27 (22-33)	23 (18-30)	<0.001
72 hour cumulative fluid balance, liters (median (IQR))	+3.2 (0.5-6.6)	+2.5 (-0.2-5.4)	<0.001
In-Hospital Death (n, %)	270 (27%)	230 (15%)	<0.001
Days in ICU (median (IQR))	11 (3-10)	11 (3-9)	0.056
Days on Ventilator (median (IQR))	3 (0-6)	2 (0-5)	0.011
Ventilator Free Days (median (IQR))	23 (5-27)	25 (18-28)	<0.001
ARDS Incidence (n, %)	262 (26%)	285 (29%)	<0.001

(Fisher's exact test for categorical variables, Mann Whitney U test for continuous variables; APACHEII: Acute Physiology and Chronic Health Evaluation Score; Full list of other risk factors may be found in the supplementary text)