

**Supplementary Table 4.** Factors associated with in-hospital mortality among all admissions and the subgroup of admissions with sepsis/bacteraemia. Multivariate analysis shown for models with Charlson comorbidity index included and another with diabetes.

		Model included Charlson comorbidity index											
		All admissions N=103,165					Admissions with sepsis/bacteraemia N=3,951						
		OR	(95% CI)		Adj-OR	(95% CI)	OR	(95% CI)		Adj-OR	(95% CI)		
<b>Sepsis/bacteraemia</b>		10.41	9.64	11.25	6.50	5.95	7.11	n/a			n/a		
<b>Alcohol aetiology</b>		2.45	2.31	2.60	1.86	1.73	2.00	1.49	1.23	1.82	1.45	1.23	1.70
<b>Age</b>	20-49 years	ref			ref			ref			ref		
	≥ 50 years	1.94	1.78	2.11	1.64	1.49	1.79	1.37	1.09	1.72	1.45	1.21	1.75
<b>Ascites</b>		3.45	3.25	3.68	1.99	1.85	2.15	1.92	1.58	2.34	1.52	1.30	1.78
<b>Hepatic encephalopathy</b>		7.25	6.50	8.08	3.24	2.84	3.70	3.06	2.27	4.13	2.13	1.69	2.68
<b>Variceal bleeding</b>		2.43	2.26	2.61	2.01	1.85	2.18	1.60	1.28	2.00	1.38	1.15	1.65
<b>Hepatorenal syndrome</b>		21.46	18.67	24.40	10.50	9.03	12.21	6.48	4.39	9.55	4.82	3.50	6.64
<b>Hepatocellular carcinoma</b>		5.13	4.74	5.57	4.64	4.24	5.09	1.57	1.03	2.40	1.41	1.01	1.96
<b>Charlson comorbidity index</b>	0	ref			ref			ref			ref		
	1	1.78	1.62	1.96	1.79	1.61	1.98	1.70	1.27	2.27	1.61	1.29	2.00
	2	0.68	0.62	0.75	1.11	1.01	1.23	1.31	0.99	2.72	1.31	1.06	1.63
	≥3	4.93	4.59	5.30	5.19	4.78	5.63	2.16	1.70	2.75	2.29	1.89	2.78
		Model included diabetes											
		All admissions N=103,165					Admissions with sepsis/bacteraemia N=3,951						
		OR	(95% CI)		Adj-OR	(95% CI)	OR	(95% CI)		Adj-OR	(95% CI)		
<b>Sepsis/bacteraemia</b>		10.41	9.64	11.25	7.94	7.28	8.66	n/a			n/a		
<b>Alcohol aetiology</b>		2.45	2.31	2.60	1.55	1.45	1.66	1.49	1.23	1.82	1.23	1.05	1.44
<b>Diabetes</b>		1.51	1.41	1.61	1.23	1.15	1.33	0.86	0.69	1.06	0.85	0.72	1.01
<b>Age</b>	20-49 years	ref			ref			ref			ref		
	≥ 50 years	1.94	1.78	2.11	1.91	1.74	2.09	1.37	1.09	1.72	1.73	1.44	2.07
<b>Ascites</b>		3.45	3.25	3.68	1.92	1.78	2.06	1.92	1.58	2.34	1.47	1.25	1.72
<b>Hepatic encephalopathy</b>		7.25	6.50	8.08	3.25	2.86	3.69	3.06	2.27	4.13	2.11	1.68	2.65
<b>Variceal bleeding</b>		2.43	2.26	2.61	1.96	1.81	2.12	1.60	1.28	2.00	1.39	1.17	1.66
<b>Hepatorenal syndrome</b>		21.46	18.67	24.40	10.67	9.20	12.38	6.48	4.39	9.55	4.83	3.51	6.64
<b>Hepatocellular carcinoma</b>		5.13	4.74	5.57	5.64	5.16	6.16	1.57	1.03	2.40	1.44	1.04	2.00