

Supplementary Table 2. Characteristics of hospital admissions according to the presence or absence of sepsis/bacteraemia

		No sepsis/bacteraemia N=99,214 admissions	Sepsis/bacteraemia N=3,951 admissions	p-value
Demographic data				
Sex	Male	68,711 (69.3%)	2,648 (67.0%)	0.003
	Female	30,503 (30.7%)	1,303 (33.0%)	
Age	20-49 years	23,453 (23.6%)	977 (24.7%)	0.11
	≥ 50 years	75,761 (76.4%)	2,974 (75.3%)	
Remoteness of residence	Major city	57,428 (57.9%)	2,142 (54.2%)	<0.001
	Inner regional	18,529 (18.7%)	846 (21.4%)	
	Outer regional	18,203 (18.3%)	709 (17.9%)	
	Remote/very remote	5,054 (5.1%)	254 (6.4%)	
Socioeconomic status	Q1 most affluent	11,714 (11.8%)	430 (10.9%)	<0.001
	Q2	16,960 (17.1%)	503 (12.7%)	
	Q3	16,863 (17.0%)	689 (17.4%)	
	Q4	22,959 (23.1%)	952 (24.1%)	
	Q5 most disadvantaged	30,718 (31.0%)	1,377 (34.9%)	
Clinical data				
Charlson co-morbidity index	0	47,422 (47.8%)	1,637 (41.4%)	<0.001
	1	10,063 (10.1%)	591 (15.0%)	
	2	30,844 (31.1%)	735 (18.6%)	
	≥3	10,885 (11.0%)	988 (25.0%)	
Diabetes		19,427 (19.6%)	1,187 (30.0%)	<0.001
Complications of cirrhosis				
Hepatorenal syndrome		794 (0.8%)	195 (4.9%)	<0.001
Hepatic encephalopathy		1,584 (1.6%)	379 (9.6%)	<0.001
Variceal bleeding		3,431 (28.7%)	1,174 (32.4%)	<0.001
Ascites		15,275 (15.4%)	1,275 (32.3%)	<0.001
Hepatocellular carcinoma		4,830 (4.9%)	179 (4.5%)	0.33
Bacterial Infections				
Bacteraemia		0 (0.0%)	2,265 (62.5%)	<0.001
Urinary tract infection		3,353 (3.4%)	870 (22.0%)	<0.001
Bacterial pneumonia/ Lower Respiratory tract infection		2,841 (2.9%)	782 (19.8%)	<0.001
Aspiration Pneumonia		671 (0.7%)	289 (7.3%)	<0.001
Spontaneous bacterial peritonitis		539 (0.5%)	231 (5.8%)	<0.001
Liver disease aetiology*				
Alcohol		31,102 (31.3%)	2,206 (55.8%)	<0.001
Chronic Hepatitis C		16,893 (17.0%)	911 (23.1%)	<0.001
Chronic Hepatitis B		2,902 (2.9%)	197 (5.0%)	<0.001
NAFLD/NASH		2,283 (2.3%)	175 (4.4%)	<0.001
Primary sclerosing cholangitis		337 (0.3%)	138 (3.5%)	<0.001
Admission data				
Length of stay	1 day	47,256 (47.6%)	84 (2.1%)	<0.001
	2-4 days	25,681 (25.9%)	517 (13.1%)	
	5-9 days	15,142 (15.3%)	921 (23.3%)	
	10-19 days	7,020 (7.1%)	1,074 (27.2%)	
	20-29 days	1,945 (2.0%)	500 (12.7%)	
	30+ days	2,170 (2.2%)	855 (21.6%)	
Death in hospital		3,515 (3.5%)	1,093 (27.7%)	<0.001

Note: All P-values are Pearson's chi-squared test; *Liver disease aetiologies recorded in <3.5% of admissions were not presented