Supplementary-File

Appendix 1. Univariate and multivariate logistic regression analyses including GPR

	Univariate analysis		Multivariate analysis	
	OR (95% CI)	P value	OR (95% CI)	P value
Age	1.032 (1.001-1.063)	**0.04**	1.042 (1.005-1.081)	**0.03**
TBil	1.013 (1.005-1.022)	**<0.01**	1.012 (1.002-1.023)	**0.02**
Creatinine	1.004 (1.000-1.009)	0.05		
Serum sodium	0.985 (0.959-1.012)	0.28		
HRS	4.904 (2.264-10.622)	**<0.01**	4.205 (1.716-10.305)	**<0.01**
SBP	5.594 (2.709-11.550)	**<0.01**	5.603 (2.332-13.457)	**<0.01**
UGIB	4.904 (2.264-10.622)	**<0.01**	4.031 (1.648-9.860)	**<0.01**
GPR	1.239 (1.017-1.509)	**0.03**		0.06

Abbreviations: TBil: total bilirubin; HRS: hepatorenal syndrome; SBP: spontaneous bacterial peritonitis; UGIB: upper gastrointestinal bleeding; GPR: gamma-glutamyl transpeptidase-to-platelet ratio; OR, odds ratio; CI, confidence interval.

Appendix 2. Univariate and multivariate logistic regression analyses including APRI

	Univariate analysis		Multivariate analysis	
	OR (95% CI)	P value	OR (95% CI)	P value
Age	1.032 (1.001-1.063)	**0.04**	1.045 (1.008-1.084)	**0.02**
TBil	1.013 (1.005-1.022)	**<0.01**	1.015 (1.005-1.026)	**<0.01**
Creatinine	1.004 (1.000-1.009)	0.05		
Serum sodium	0.985 (0.959-1.012)	0.28		
HRS	4.904 (2.264-10.622)	**<0.01**	4.034 (1.656-9.829)	**<0.01**
SBP	5.594 (2.709-11.550)	**<0.01**	5.958 (2.509-14.150)	**<0.01**
UGIB	4.904 (2.264-10.622)	**<0.01**	3.992 (1.647-9.676)	**<0.01**
APRI	1.203 (1.004-1.441)	**0.05**		0.23

Abbreviations: TBil: total bilirubin; HRS: hepatorenal syndrome; SBP: spontaneous bacterial peritonitis; UGIB: upper gastrointestinal bleeding; APRI: aspartate aminotransferase-to-platelet ratio index; OR, odds ratio; CI, confidence interval.