

Supplementary Table 1 – The Glasgow Blatchford Score

Risk Marker	Score component value
Blood urea (mmol/L)	
>7 <8	2
>8 <10	3
>10 <25	4
≥25	6
Haemoglobin (g/L) for men	
>120 <130	1
>100 <120	3
<100	6
Haemoglobin (g/L) for women	
≥100 <120	1
<100	6
Systolic blood pressure (mmHg)	
100-109	1
90-99	2
<90	3
Other markers	
Pulse ≥100 (per min)	1
Presentation with melaena	1
Presentation with syncope	2
Hepatic disease	2
Cardiac failure	2

Supplementary Table 2. The Post-Endoscopic Complete Rockall score

Component	Detail	Score
AGE	<60	0
	60-79	1
	>80	2
SHOCK		
No shock	Pulse <100	0
	SBP>100	
Tachycardia	Pulse>100	1
	SBP>100	
Hypotension	SBP<100	2
COMORBIDITY		
	None	0
	IHD, CCF, etc	2
	Renal or liver failure, or metastatic malignancy	3
ENDOSCOPIC DIAGNOSIS		
	Mallory-Weise lesion or nothing	0
	All other lesions	1
	Malignant lesion	2
STIGMATA OF RECENT HAEMORRHAGE		
	None	0
	Blood, clot, vessel	2

Supplementary Table 3. Charlson's Weighted Index of Comorbidity*

Condition	Assigned Weight
Myocardial infarction	1
Congestive heart failure	1
Peripheral vascular disease	1
Cerebrovascular disease	1
Dementia	1
Chronic pulmonary disease	1
Connective tissue disease	1
Ulcer disease	1
Liver disease mild	1
Diabetes	1
Hemiplegia	2
Renal disease moderate or severe	2
Diabetes with end organ damage	2
Any malignancy	2
Leukaemia	2
Malignant lymphoma	2
Liver disease. moderate or severe	3
Metastatic solid malignancy	6
AIDS	6

*: Please use the Charlson Score Calculator with age correction. Macros & ActiveX need to be enabled, when prompted, for the calculator to function

Table 4. The performance of risk scoring systems in patients stratified according to age

	Age group	ATD	Non-ATD	P-value ATD v non-ATD
No. of patients	All	n=851	n=1220	
	<67	n=210	n=867	
	67+	n=641	n=353	
Age median (IQR)	All	75 (67-82)	53 (39-69)	
	<67	59 (51-63)	45 (33-56)	
	67+	79 (73-83)	77 (71-82)	
AUC (95%CI) for Transfusion/ Blatchford	All	0.85 (0.82 - 0.88)	0.90 (0.88 - 0.92)	0.003
	<67	0.88 (0.83 - 0.93)	0.93 (0.90 - 0.95)	0.13
	67+	0.84 (0.80 - 0.87)	0.84 (0.79 - 0.89)	1.00
P-value (<67 v 67+)		0.14	0.002	
AUC (95%CI) for Surgery/ Rockall	All	0.73 (0.59 - 0.87)	0.74 (0.63 - 0.86)	0.88
	<67	0.82 (0.73 - 0.92)	0.90 (0.81 - 0.98)	0.27
	67+	0.77 (0.54 - 1.00)	0.41 (0.19 - 0.62)	0.022
P-value (<67 v 67+)		0.68	<0.001	
AUC (95%CI) for Death/ Charlson	All	0.73 (0.65 - 0.80)	0.84 (0.78 - 0.90)	0.021
	<67	0.89 (0.76 - 1.01)	0.92 (0.87 - 0.96)	0.65
	67+	0.70 (0.61 - 0.78)	0.74 (0.64 - 0.85)	0.95
P-value (<67 v 67+)		0.79	0.003	
Rs (95%CI) for Length of stay/ Rockall	All	0.32 (0.26-0.38)	0.48 (0.43-0.52)	<0.001
	<67	0.30 (0.17-0.42)	0.43 (0.37-0.48)	0.052
	67+	0.26 (0.18-0.33)	0.23 (0.12-0.32)	0.58
P-value (<67 v 67+)		0.56	<0.001	

