

Supplementary Table 5 – Multivariable Cox Regression model for progression-free survival (A) and disease-specific survival (B) with and without resection status, age and symptoms (RAS components) added to ENSAT tumour stage (S) and ki67 index (G).

A) Multivariable cox regression model (PFS)				
	ENSAT stage and ki67 only		All five variables in S-GRAS score	
Variables	Hazard ratio (95% CI)	p-value	Hazard ratio (95% CI)	p-value
ENSAT stage				
1	1		1	
2	1.75 (1.17, 2.61)	0.006	1.55 (1.04, 2.32)	0.033
3	3.09 (2.04, 4.67)	<0.0001	2.64 (1.74, 4.01)	<0.0001
4	5.23 (3.43, 7.98)	<0.0001	2.77 (1.62, 4.76)	<0.0001
Ki67 index				
0-9	1		1	
10-19	2.08 (1.58, 2.73)	<0.0001	1.99 (1.51, 2.62)	<0.0001
≥20	3.25 (2.55, 4.14)	<0.0001	2.86 (2.24, 3.66)	<0.0001
Resection status				
R0			1	
RX	-	-	1.55 (1.21, 2.00)	0.001
R1	-	-	1.66 (1.19, 2.31)	0.003
R2	-	-	2.03 (1.33, 3.09)	0.001
Age				
<50 years			1	
≥50 years	-	-	1.16 (0.98, 1.37)	0.083
Symptoms				
No			1	
Yes	-	-	1.55 (1.26, 1.90)	<0.0001

B) Multivariable cox regression model (DSS)				
	ENSAT stage and ki67 only		All five variables	
Variables	Hazard ratio (95% CI)	p-value	Hazard ratio (95% CI)	p-value
ENSAT stage				
1	1		1	
2	2.03 (0.99, 4.19)	0.055	1.77 (0.86, 3.66)	0.124
3	4.01 (1.93, 8.33)	<0.0001	3.44 (1.64, 7.19)	0.001

4	10.32 (4.96, 21.50)	<0.0001	4.17 (1.77, 9.84)	0.001
Ki67 index				
0-9	1		1	
10-19	2.00 (1.27, 3.16)	0.003	2.01 (1.27, 3.17)	0.003
≥20	4.03 (2.73, 5.94)	<0.0001	3.55 (2.38, 5.27)	<0.0001
Resection status				
R0			1	
RX	-	-	1.31 (0.88, 1.95)	0.185
R1	-	-	1.65 (1.05, 2.60)	0.030
R2	-	-	2.79 (1.63, 4.77)	<0.0001
Age				
<50 years			1	
≥50 years	-	-	1.50 (1.18, 1.91)	0.001
Symptoms				
No			1	
Yes	-	-	2.20 (1.59, 3.05)	<0.0001

