

Supplementary Table S1. Random forest relative importance p values of covariates calculated by applying a permutation procedure, without and with false discovery rate adjustment.

Covariates	Permutation p value	False discovery rate adjusted permutation p value
ECOG performance status	<0.0001	<0.0001
Neutrophils-to-lymphocytes ratio	<0.0001	<0.0001
Peritoneal involvement	0.013	0.069
First line progression-free survival	0.031	0.124
Primary tumor resection	0.078	0.250
Presentation of metastases	0.117	0.312
1st line objective response	0.138	0.315
Extra-regional lymph nodes	0.210	0.381
Primary tumor site	0.227	0.381
LDH	0.238	0.381
Lauren's histotype	0.346	0.503
Lung metastases	0.516	0.664
Patient age	0.579	0.664
Liver metastases	0.623	0.664
Number of metastatic sites	0.631	0.664
Sex	0.664	0.664