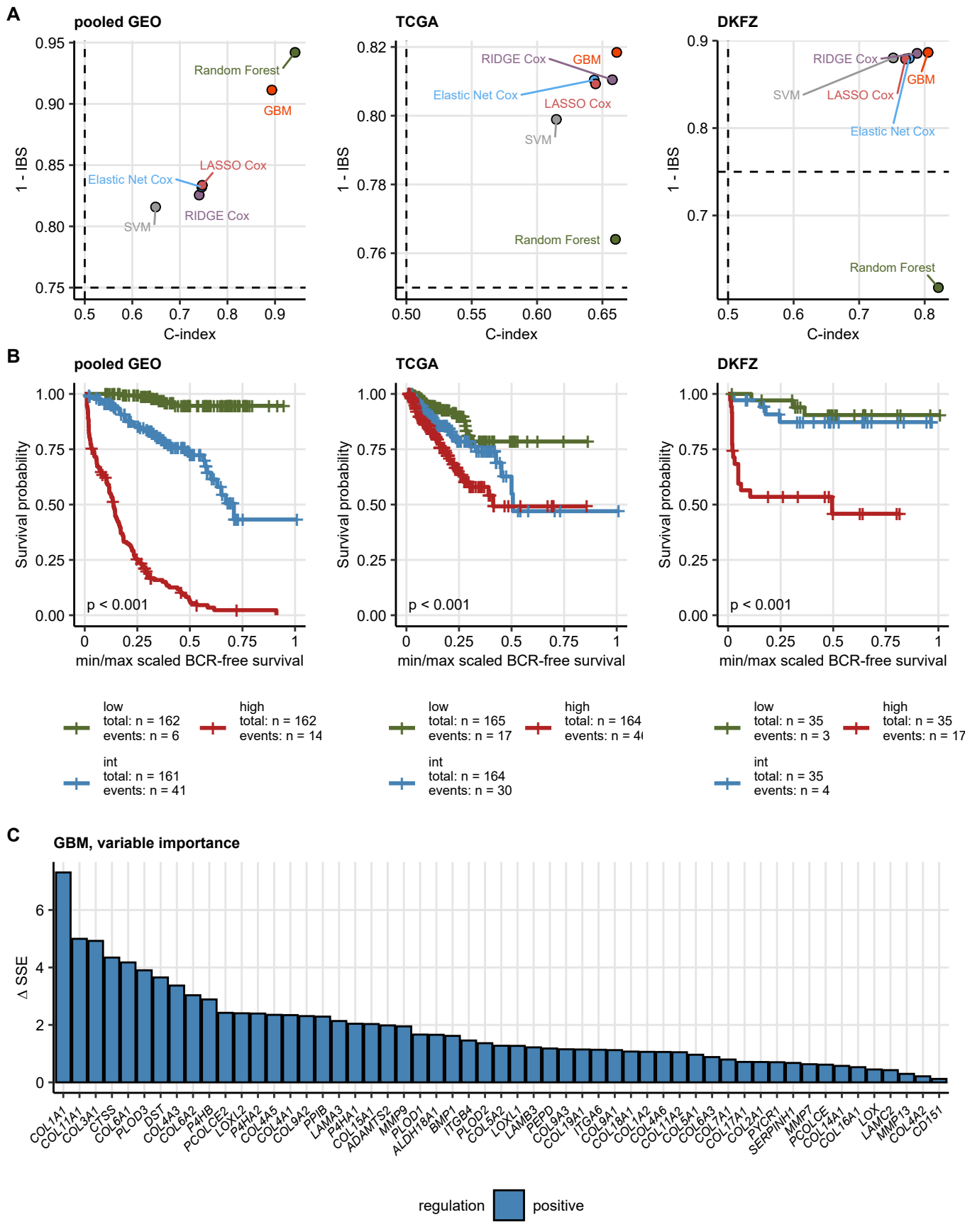
A
pooled GEO
TCGA
DKFZ
1 - IBS
C-index
Random Forest
GBM
LASSO Cox
Elastic Net Cox
RIDGE Cox
SVM
B
Survival probability
min/max scaled BCR-free survival
p < 0.001
low
total: n = 162
events: n = 6
high
total: n = 162
events: n = 14
int
total: n = 161
events: n = 41
low
total: n = 165
events: n = 17
high
total: n = 164
int
total: n = 164
events: n = 30
low
total: n = 35
events: n = 3
high
total: n = 35
int
total: n = 35
events: n = 4
C
GBM, variable importance
Δ SSE
COL1A1
COL11A1
COL3A1
CTSS
COL6A1
PLOD3
DST
COL4A3
COL6A2
P4HB
PCOLCE2
LOXL2
P4HA2
COL4A5
COL4A1
COL9A2
PPIB
LAMA3
P4HA1
COL15A1
ADAMTS2
MMP9
PLOD1
ALDH18A1
BMP1
ITGB4
PLOD2
COL5A2
LOXL1
LAMB3
PEPD
COL9A3
COL19A1
ITGA6
COL9A1
COL18A1
COL1A2
COL4A6
COL11A2
COL5A1
COL6A3
COL7A1
COL17A1
COL2A1
PYCR1
SERPINH1
MMP7
PCOLCE
COL14A1
COL16A1
LOX
LAMC2
MMP13
COL4A2
CD151
regulation
positive