

S3 Table. Harrell's C-index values for subgroups in the investigation dataset

Primary sites	Harrell's c-index	Standard error
Non-hilar cholangiocarcinoma	0.761	0.039
Hilar cholangiocarcinoma	0.691	0.047
Intrahepatic cholangiocarcinoma	0.633	0.045
Gallbladder cancer	0.658	0.035
Ampullary cancer	0.632	0.063