

A: Simple					C-Index			
Method	25	50	75	100	25	50	75	100
Cox	0.05 (0.05,0.06)	0.07 (0.07,0.08)	0.08 (0.07,0.08)	0.07 (0.06,0.08)	0.6 (0.59,0.6)	0.6 (0.59,0.6)	0.6 (0.59,0.6)	0.6 (0.59,0.6)
CBLR	0.05 (0.05,0.06)	0.07 (0.07,0.08)	0.08 (0.07,0.08)	0.07 (0.06,0.08)	0.6 (0.59,0.6)	0.6 (0.59,0.6)	0.6 (0.59,0.6)	0.6 (0.59,0.6)
DeepSurv	-0.26 (-0.27,-0.25)	-0.36 (-0.38,-0.34)	-0.22 (-0.24,-0.21)	0 (-0.01,0)	0.51 (0.5,0.52)	0.51 (0.5,0.52)	0.51 (0.5,0.52)	0.51 (0.5,0.52)
DeepHit	-0.03 (-0.04,-0.02)	-0.05 (-0.07,-0.04)	-0.03 (-0.04,-0.02)	-0.01 (-0.01,0)	0.52 (0.51,0.52)	0.52 (0.51,0.52)	0.52 (0.51,0.53)	0.5 (0.49,0.5)
CBNN	-0.03 (-0.04,-0.03)	-0.04 (-0.05,-0.04)	-0.04 (-0.05,-0.03)	-0.03 (-0.04,-0.03)	0.54 (0.54,0.55)	0.54 (0.54,0.55)	0.54 (0.54,0.55)	0.54 (0.54,0.55)
Optimal	0.05 (0.05,0.06)	0.07 (0.07,0.08)	0.08 (0.07,0.08)	0.07 (0.06,0.08)	0.6 (0.59,0.6)	0.6 (0.59,0.6)	0.6 (0.59,0.6)	0.6 (0.59,0.6)
DSM	-0.28 (-0.3,-0.27)	-0.4 (-0.43,-0.37)	-0.28 (-0.3,-0.25)	0.01 (0.01,0.02)	0.55 (0.54,0.56)	0.55 (0.54,0.56)	0.55 (0.54,0.56)	0.55 (0.55,0.56)

B: Complex					C-Index			
Method	25	50	75	100	25	50	75	100
Cox	0.55 (0.54,0.56)	0.45 (0.44,0.46)	-0.19 (-0.21,-0.17)	-0.51 (-0.54,-0.48)	0.77 (0.76,0.79)	0.74 (0.72,0.76)	0.56 (0.54,0.58)	0.54 (0.52,0.56)
CBLR	0.53 (0.52,0.54)	0.45 (0.44,0.46)	-0.15 (-0.16,-0.13)	-0.46 (-0.48,-0.43)	0.79 (0.78,0.79)	0.79 (0.78,0.79)	0.79 (0.78,0.79)	0.78 (0.78,0.79)
DeepSurv	0.03 (0.01,0.05)	0.06 (0.05,0.07)	-0.27 (-0.29,-0.25)	-0.04 (-0.07,-0.02)	0.68 (0.66,0.7)	0.68 (0.66,0.7)	0.68 (0.66,0.7)	0.68 (0.66,0.7)
DeepHit	0.26 (0.22,0.3)	0.07 (0.06,0.08)	-0.06 (-0.08,-0.04)	0.05 (0.04,0.06)	0.72 (0.7,0.74)	0.65 (0.62,0.67)	0.37 (0.33,0.4)	0.35 (0.33,0.38)
CBNN	0.83 (0.81,0.84)	0.69 (0.67,0.71)	0.49 (0.45,0.52)	0.56 (0.53,0.59)	0.86 (0.85,0.86)	0.87 (0.87,0.88)	0.8 (0.79,0.81)	0.67 (0.65,0.68)
Optimal	0.94 (0.94,0.95)	0.9 (0.9,0.91)	0.84 (0.84,0.85)	0.85 (0.84,0.85)	0.74 (0.74,0.75)	0.82 (0.82,0.82)	0.63 (0.63,0.63)	0.57 (0.56,0.57)

C: SUPPORT					C-Index			
Method	25	50	75	100	25	50	75	100
Cox	0.04 (0.04,0.04)	0.05 (0.05,0.05)	0.04 (0.04,0.04)	-0.06 (-0.07,-0.06)	0.58 (0.58,0.58)	0.58 (0.58,0.58)	0.58 (0.58,0.58)	0.58 (0.58,0.58)
CBLR	0.04 (0.04,0.04)	0.05 (0.05,0.05)	0.04 (0.04,0.04)	-0.07 (-0.07,-0.06)	0.58 (0.58,0.58)	0.58 (0.58,0.58)	0.58 (0.58,0.58)	0.58 (0.58,0.58)
DeepSurv	0.01 (0,0.01)	0.01 (0.01,0.02)	0.01 (0.01,0.02)	0.01 (0.01,0.02)	0.53 (0.53,0.54)	0.53 (0.53,0.54)	0.53 (0.53,0.54)	0.53 (0.53,0.54)
DeepHit	0.02 (0.01,0.03)	0.02 (0.02,0.03)	0.02 (0.02,0.02)	-0.13 (-0.13,-0.12)	0.57 (0.57,0.57)	0.57 (0.57,0.57)	0.57 (0.57,0.57)	0.56 (0.56,0.57)
CBNN	0.03 (0.03,0.04)	0.05 (0.04,0.05)	0.03 (0.02,0.03)	-0.01 (-0.02,0)	0.58 (0.58,0.59)	0.58 (0.58,0.58)	0.58 (0.58,0.58)	0.58 (0.58,0.58)

D: METABRIC					C-Index			
Method	25	50	75	100	25	50	75	100
Cox	0.00 (-0.01,0.00)	0.03 (0.03,0.04)	0.06 (0.05,0.06)	-	0.5 (0.49,0.5)	0.5 (0.49,0.5)	0.5 (0.49,0.5)	0.5 (0.49,0.5)
CBLR	0.00 (0.00,0.00)	0.03 (0.03,0.03)	0.06 (0.05,0.06)	-0.18 (-0.18,-0.17)	0.5 (0.49,0.5)	0.5 (0.49,0.5)	0.5 (0.49,0.5)	0.5 (0.49,0.5)
DeepSurv	-0.02 (-0.02,-0.01)	-0.08 (-0.08,-0.08)	-0.26 (-0.27,-0.25)	-0.22 (-0.23,-0.21)	0.51 (0.49,0.53)	0.51 (0.49,0.53)	0.51 (0.49,0.53)	0.51 (0.49,0.53)
DeepHit	0.00 (0.00,0.00)	0.00 (0.00,0.00)	-0.01 (-0.01,0.00)	0.00 (0.00,0.00)	0.45 (0.43,0.47)	0.6 (0.57,0.62)	0.63 (0.6,0.65)	0.55 (0.53,0.58)
CBNN	0.00 (0.00,0.00)	-0.01 (-0.01,0.00)	-0.09 (-0.1,-0.09)	-0.24 (-0.25,-0.23)	0.56 (0.54,0.58)	0.56 (0.54,0.58)	0.57 (0.55,0.59)	0.57 (0.55,0.59)
DSM	-0.14 (-0.14,-0.13)	-0.31 (-0.32,-0.29)	-0.52 (-0.55,-0.49)	-0.52 (-0.57,-0.48)	0.42 (0.42,0.43)	0.46 (0.45,0.47)	0.49 (0.48,0.5)	0.52 (0.51,0.53)