Simple

Method	IPA 25	IPA 50	IPA 75	IPA 100	C-Index 25	C-Index 50	C-Index 75	C-Index 100
Cox	**0.06 (0.05,0.07)**	**0.07 (0.06,0.09)**	**0.07 (0.05,0.08)**	**0.06 (0.05,0.07)**	**0.61 (0.59,0.62)**	**0.6 (0.59,0.61)**	**0.6 (0.59,0.61)**	**0.6 (0.59,0.61)**
Casebase	**0.06 (0.05,0.07)**	**0.08 (0.06,0.09)**	**0.07 (0.06,0.09)**	**0.06 (0.05,0.07)**	**0.61 (0.59,0.62)**	**0.6 (0.59,0.61)**	**0.6 (0.59,0.61)**	**0.6 (0.59,0.61)**
DeepSurv	-0.28 (-0.31,-0.25)	-0.4 (-0.44,-0.35)	-0.24 (-0.28,-0.2)	0 (-0.01,0)	0.52 (0.5,0.54)	0.52 (0.5,0.54)	0.52 (0.5,0.54)	0.52 (0.5,0.54)
DeepHit	-0.03 (-0.06,-0.01)	-0.06 (-0.1,-0.02)	-0.03 (-0.05,-0.01)	-0.01 (-0.01,0)	0.52 (0.5,0.53)	0.53 (0.52,0.55)	0.54 (0.52,0.55)	0.52 (0.51,0.54)
PMNN	-0.04 (-0.05,-0.03)	-0.05 (-0.07,-0.04)	-0.05 (-0.06,-0.03)	-0.03 (-0.04,-0.02)	0.55 (0.53,0.57)	0.54 (0.53,0.56)	0.55 (0.53,0.56)	0.55 (0.53,0.56)
Optimal	**0.06 (0.05,0.07)**	**0.08 (0.06,0.09)**	**0.07 (0.06,0.08)**	**0.06 (0.05,0.07)**	**0.61 (0.59,0.62)**	**0.6 (0.59,0.61)**	**0.6 (0.59,0.61)**	**0.6 (0.59,0.61)**
DSM	-0.28 (-0.33,-0.23)	-0.46 (-0.55,-0.38)	-0.35 (-0.43,-0.27)	-0.02 (-0.04,0)	0.52 (0.49,0.54)	0.51 (0.49,0.54)	0.52 (0.49,0.54)	0.52 (0.5,0.54)

Complex

Method	IPA 25	IPA 50	IPA 75	IPA 100	C-Index 25	C-Index 50	C-Index 75	C-Index 100
Cox	0.53 (0.53,0.54)	0.45 (0.44,0.46)	-0.25 (-0.27,-0.22)	-0.59 (-0.62,-0.56)	0.9 (0.9,0.91)	0.82 (0.82,0.82)	0.65 (0.64,0.66)	0.52 (0.51,0.53)
Casebase	0.52 (0.51,0.52)	0.45 (0.44,0.46)	-0.21 (-0.22,-0.19)	-0.54 (-0.57,-0.51)	0.9 (0.9,0.9)	0.82 (0.82,0.82)	0.71 (0.7,0.71)	0.69 (0.69,0.7)
DeepSurv	0.02 (0.01,0.03)	0.05 (0.04,0.06)	-0.29 (-0.31,-0.27)	-0.05 (-0.06,-0.05)	0.8 (0.77,0.82)	0.7 (0.68,0.72)	0.59 (0.57,0.61)	0.58 (0.56,0.6)
DeepHit	0.24 (0.21,0.27)	0.07 (0.06,0.08)	-0.09 (-0.11,-0.07)	0.04 (0.03,0.05)	0.83 (0.8,0.86)	0.7 (0.67,0.72)	0.4 (0.38,0.42)	0.41 (0.39,0.43)
PMNN	0.84 (0.83,0.85)	0.71 (0.7,0.73)	0.51 (0.48,0.53)	0.56 (0.54,0.58)	**0.98 (0.98,0.98)**	**0.93 (0.93,0.94)**	**0.87 (0.87,0.87)**	0.79 (0.78,0.8)
Optimal	**0.94 (0.93,0.94)**	**0.9 (0.89,0.9)**	**0.82 (0.81,0.82)**	**0.81 (0.8,0.82)**	0.95 (0.94,0.95)	0.91 (0.91,0.91)	0.75 (0.75,0.75)	**0.57 (0.56,0.57)**

SUPPORT

Method	IPA 25	IPA 50	IPA 75	IPA 100	C-Index 25	C-Index 50	C-Index 75	C-Index 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)	0.47 (0.46,0.47)	0.47 (0.47,0.48)	0.47 (0.47,0.48)	0.47 (0.47,0.48)
Casebase	**0.04 (0.04,0.04)**	**0.05 (0.05,0.05)**	**0.04 (0.04,0.04)**	-0.07 (-0.07,-0.06)	0.47 (0.46,0.47)	0.47 (0.47,0.48)	0.47 (0.47,0.48)	0.47 (0.47,0.48)
DeepSurv	0.01 (0,0.01)	0.01 (0.01,0.02)	0.01 (0.01,0.02)	**0.01 (0.01,0.02)**	**0.51 (0.5,0.52)**	**0.51 (0.5,0.52)**	**0.51 (0.5,0.52)**	**0.51 (0.5,0.52)**
DeepHit	0.02 (0.01,0.03)	0.03 (0.02,0.03)	0.02 (0.02,0.02)	-0.12 (-0.13,-0.12)	0.5 (0.49,0.5)	0.5 (0.5,0.51)	0.5 (0.5,0.51)	**0.51 (0.5,0.51)**
PMNN	0.03 (0.03,0.04)	0.04 (0.04,0.05)	0.02 (0.02,0.03)	-0.02 (-0.03,-0.01)	0.49 (0.48,0.49)	0.49 (0.48,0.5)	0.49 (0.48,0.5)	0.49 (0.48,0.5)

METABRIC

Method	IPA 25	IPA 50	IPA 75	IPA 100	C-Index 25	C-Index 50	C-Index 75	C-Index 100
Cox	**0.04 (0.04,0.04)**	**0.08 (0.08,0.08)**	**0.05 (0.05,0.06)**	-	0.6 (0.6,0.6)	0.61 (0.61,0.61)	**0.61 (0.61,0.62)**	**0.61 (0.61,0.62)**
Casebase	**0.04 (0.04,0.05)**	**0.08 (0.08,0.09)**	**0.05 (0.05,0.06)**	**0.08 (0.06,0.09)**	0.6 (0.6,0.61)	0.61 (0.61,0.61)	**0.61 (0.61,0.62)**	**0.61 (0.61,0.62)**
DeepSurv	-0.03 (-0.04,-0.03)	-0.11 (-0.12,-0.11)	-0.22 (-0.23,-0.21)	-0.14 (-0.16,-0.12)	0.54 (0.53,0.56)	0.54 (0.53,0.55)	0.54 (0.53,0.55)	0.54 (0.53,0.55)
DeepHit	0.00 (0.00,0.00)	-0.01 (-0.01,0.00)	-0.01 (-0.02,0.00)	0.00 (-0.01,0.00)	0.57 (0.55,0.59)	0.52 (0.5,0.53)	0.51 (0.5,0.53)	0.54 (0.53,0.56)
PMNN	0.00 (0.00,0.00)	-0.02 (-0.02,-0.02)	-0.07 (-0.08,-0.06)	-0.17 (-0.19,-0.15)	0.53 (0.52,0.55)	0.53 (0.52,0.54)	0.53 (0.52,0.54)	0.53 (0.52,0.54)
DSM	-0.2 (-0.21,-0.19)	-0.4 (-0.42,-0.38)	-0.63 (-0.67,-0.6)	-0.23 (-0.3,-0.15)	**0.64 (0.63,0.64)**	**0.62 (0.62,0.62)**	**0.61 (0.61,0.62)**	**0.61 (0.6,0.61)**