

Table 1: Results for the restricted mean survival time in a hospitalized population.

Covariate(s)	N	Effect	P(Reject H_0)	MSE x N	Bias	Rel. eff.
Random forest	100	0.00	0.28	58.18	0.03	0.63
Supp. 02	100	0.00	0.05	80.41	0.03	0.87
LASSO	100	0.00	0.06	83.39	0.01	0.90
X-ray bilat. infilt.	100	0.00	0.05	88.59	0.03	0.96
Dyspnea	100	0.00	0.04	90.54	0.02	0.98
Sex	100	0.00	0.04	92.33	0.02	1.00
Unadjusted	100	0.00	0.04	92.48	0.03	1.00
No. symptoms	100	0.00	0.04	92.98	0.02	1.01
BMI	100	0.00	0.05	93.10	0.03	1.01
No. comorbid	100	0.00	0.05	93.14	0.03	1.01
(CF) Random forest	100	0.00	0.03	93.43	-0.01	1.01
Hypertension	100	0.00	0.05	94.12	0.02	1.02
Age	100	0.00	0.05	94.20	0.02	1.02
Smoking status	100	0.00	0.05	94.29	0.03	1.02
All	100	0.00	0.05	106.01	0.02	1.15
Random forest	250	0.00	0.25	57.29	-0.02	0.62
LASSO	250	0.00	0.06	83.16	0.03	0.90
Supp. 02	250	0.00	0.05	84.00	0.03	0.90
X-ray bilat. infilt.	250	0.00	0.05	89.86	0.03	0.97
(CF) Random forest	250	0.00	0.04	91.73	0.04	0.99
Age	250	0.00	0.05	92.05	0.04	0.99
Sex	250	0.00	0.05	92.06	0.04	0.99
Unadjusted	250	0.00	0.05	92.90	0.04	1.00
BMI	250	0.00	0.05	92.91	0.04	1.00
Dyspnea	250	0.00	0.05	92.93	0.04	1.00
No. comorbid	250	0.00	0.05	93.12	0.04	1.00
No. symptoms	250	0.00	0.05	93.37	0.04	1.01
Smoking status	250	0.00	0.06	93.88	0.04	1.01
Hypertension	250	0.00	0.05	93.95	0.04	1.01
All	250	0.00	0.04	96.29	0.03	1.04
Random forest	500	0.00	0.28	58.24	0.00	0.63
(CF) Random forest	500	0.00	0.04	78.66	0.01	0.85
LASSO	500	0.00	0.05	82.33	0.00	0.89
Supp. 02	500	0.00	0.06	82.52	0.00	0.89
All	500	0.00	0.05	84.77	0.00	0.91
X-ray bilat. infilt.	500	0.00	0.05	88.75	-0.01	0.96
Sex	500	0.00	0.05	91.99	0.00	0.99
Dyspnea	500	0.00	0.05	92.26	0.00	1.00
Hypertension	500	0.00	0.05	92.36	0.00	1.00
No. symptoms	500	0.00	0.05	92.62	-0.01	1.00
Smoking status	500	0.00	0.06	92.63	-0.01	1.00
BMI	500	0.00	0.05	92.65	0.00	1.00
Unadjusted	500	0.00	0.05	92.70	0.00	1.00
Age	500	0.00	0.06	92.83	0.00	1.00
No. comorbid	500	0.00	0.05	92.96	-0.01	1.00
Random forest	1500	0.00	0.24	36.62	0.00	0.39
(CF) Random forest	1500	0.00	0.05	70.99	0.01	0.76
LASSO	1500	0.00	0.05	78.37	0.00	0.84
All	1500	0.00	0.05	78.38	0.00	0.84
Supp. 02	1500	0.00	0.05	81.17	0.00	0.87

X-ray bilat. infilt.	1500	0.00	0.06	88.70	0.00	0.95
Age	1500	0.00	0.06	90.99	0.00	0.98
Sex	1500	0.00	0.06	91.42	0.00	0.98
Dyspnea	1500	0.00	0.06	92.04	0.00	0.99
No. comorbid	1500	0.00	0.06	92.51	0.00	1.00
Smoking status	1500	0.00	0.06	92.55	0.00	1.00
Hypertension	1500	0.00	0.06	92.85	0.00	1.00
No. symptoms	1500	0.00	0.06	92.91	0.00	1.00
Unadjusted	1500	0.00	0.06	92.92	0.00	1.00
BMI	1500	0.00	0.06	92.95	0.00	1.00
