Supplementary Information. Full Table 3.

СРАР	Age	Sex	Hypertension	From Care Home	Intubated	Time	Group	Survival Probabilities
Yes	60	Female	No	No	No	<=7days	Early	0.910395432
Yes	60	Female	No	No	No	<=7days	Late	0.910395432
Yes	60	Female	Yes	No	Yes	<=7days	Early	0.899582935
Yes	60	Female	Yes	No	Yes	<=7days	Late	0.899582935
No	60	Female	No	No	No	>7days	Early	0.887800382
No	60	Female	No	No	No	>7days	Late	0.887800382
No	60	Female	Yes	No	Yes	>7days	Early	0.874454723
No	60	Female	Yes	No	Yes	>7days	Late	0.874454723
Yes	60	Female	Yes	No	No	<=7days	Early	0.851197476
Yes	60	Female	Yes	No	No	<=7days	Late	0.851197476
Yes	80	Female	No	No	No	<=7days	Early	0.833556904
Yes	80	Female	No	No	No	<=7days	Late	0.833556904
Yes	60	Female	No	Yes	No	<=7days	Early	0.832125577
Yes	60	Female	No	Yes	No	<=7days	Late	0.832125577
No	60	Female	Yes	No	No	>7days	Early	0.815264181
No	60	Female	Yes	No	No	>7days	Late	0.815264181
Yes	60	Female	No	No	No	>7days	Early	0.814519675
Yes	60	Female	No	No	No	>7days	Late	0.814519675
Yes	80	Female	Yes	No	Yes	<=7days	Early	0.814465218
Yes	80	Female	Yes	No	Yes	<=7days	Late	0.814465218
Yes	60	Female	Yes	Yes	Yes	<=7days	Early	0.812888851
Yes	60	Female	Yes	Yes	Yes	<=7days	Late	0.812888851
No	80	Female	No	No	No	>7days	Early	0.79390474
No	80	Female	No	No	No	>7days	Late	0.79390474
Yes	60	Female	Yes	No	Yes	>7days	Early	0.793527288
Yes	60	Female	Yes	No	Yes	>7days	Late	0.793527288
No	60	Female	No	Yes	No	>7days	Early	0.792176938
No	60	Female	No	Yes	No	>7days	Late	0.792176938
No	60	Female	No	No	No	<=7days	Early	0.782401314
No	60	Female	No	No	No	<=7days	Late	0.782401314
No	80	Female	Yes	No	Yes	>7days	Early	0.770924311
No	80	Female	Yes	No	Yes	>7days	Late	0.770924311
No	60	Female	Yes	Yes	Yes	>7days	Early	0.769033248
No	60	Female	Yes	Yes	Yes	>7days	Late	0.769033248
Yes	60	Female	No	No	Yes	<=7days	Early	0.764151136
Yes	60	Female	No	No	Yes	<=7days	Late	0.764151136
No	60	Female	Yes	No	Yes	<=7days	Early	0.758343841
No	60	Female	Yes	No	Yes	<=7days	Late	0.758343841
Yes	80	Female	Yes	No	No	<=7days	Early	0.73165857
Yes	80	Female	Yes	No	No	<=7days	Late	0.73165857
Yes	60	Female	Yes	Yes	No	<=7days	Early	0.72950373
Yes	60	Female	Yes	Yes	No	<=7days	Late	0.72950373
No	60	Female	No	No	Yes	>7days	Early	0.711057205

No	60	Female	No	No	Yes	>7days	Late	0.711057205
Yes	60	Female	Yes	No	No	>7days	Early	0.703215759
Yes	60	Female	Yes	No	No	>7days	Late	0.703215759
Yes	80	Female	No	Yes	No	<=7days	Early	0.700201471
Yes	80	Female	No	Yes	No	<=7days	Late	0.700201471
Yes	60	Male	No	No	No	<=7days	Early	0.685018693
Yes	60	Male	No	No	No	<=7days	Late	0.685018693
No	80	Female	Yes	No	No	>7days	Early	0.672948356
No	80	Female	Yes	No	No	>7days	Late	0.672948356
Yes	80	Female	No	No	No	>7days	Early	0.671757093
Yes	80	Female	No	No	No	>7days	Late	0.671757093
No	60	Female	Yes	Yes	No	>7days	Early	0.670436825
No	60	Female	Yes	Yes	No	>7days	Late	0.670436825
Yes	60	Female	No	Yes	No	>7days	Early	0.669238814
Yes	60	Female	No	Yes	No	>7days	Late	0.669238814
Yes	80	Female	Yes	Yes	Yes	<=7days	Early	0.669151226
Yes	80	Female	Yes	Yes	Yes	<=7days	Late	0.669151226
No	60	Female	Yes	No	No	<=7days <=7days	Early	0.656300897
No	60	Female	Yes	No	No	<=7days <=7days	•	0.656300897
	60	Male	Yes	No		<=7days <=7days	Late	
Yes	60	Male		No	Yes	=	Early	0.652817787
Yes		Female	Yes		Yes	<=7days	Late	0.652817787
Yes	80		Yes	No	Yes	>7days	Early	0.638588744
Yes	80	Female	Yes	No	Yes	>7days	Late	0.638588744
No	80	Female	No	Yes	No	>7days	Early	0.63648302
No	80	Female	No	Yes	No	>7days	Late	0.63648302
Yes	60	Female	Yes	Yes	Yes	>7days	Early	0.63589077
Yes	60	Female	Yes	Yes	Yes	>7days	Late	0.63589077
No	80	Female	No	No	No	<=7days	Early	0.62133949
No	80	Female	No	No	No	<=7days	Late	0.62133949
No	60	Female	No	Yes	No	<=7days	Early	0.618554476
No	60	Female	No	Yes	No	<=7days	Late	0.618554476
No	80	Female	Yes	Yes	Yes	>7days	Early	0.600916908
No	80	Female	Yes	Yes	Yes	>7days	Late	0.600916908
Yes	80	Female	No	No	Yes	<=7days	Early	0.593540871
Yes	80	Female	No	No	Yes	<=7days	Late	0.593540871
Yes	60	Female	No	Yes	Yes	<=7days	Early	0.5906252
Yes	60	Female	No	Yes	Yes	<=7days	Late	0.5906252
No	80	Female	Yes	No	Yes	<=7days	Early	0.584824512
No	80	Female	Yes	No	Yes	<=7days	Late	0.584824512
No	60	Female	Yes	Yes	Yes	<=7days	Early	0.581870389
No	60	Female	Yes	Yes	Yes	<=7days	Late	0.581870389
Yes	60	Female	No	No	Yes	>7days	Early	0.555521013
Yes	60	Female	No	No	Yes	>7days	Late	0.555521013
Yes	80	Female	Yes	Yes	No	<=7days	Early	0.542463518
Yes	80	Female	Yes	Yes	No	<=7days	Late	0.542463518
Yes	60	Male	Yes	No	No	<=7days	Early	0.522433738
Yes	60	Male	Yes	No	No	<=7days	Late	0.522433738

No	80	Female	No	No	Yes	>7days	Early	0.51617843
No	80	Female	No	No	Yes	>7days	Late	0.51617843
No	60	Female	No	Yes	Yes	>7days	Early	0.512966075
No	60	Female	No	Yes	Yes	>7days	Late	0.512966075
Yes	80	Female	Yes	No	No	>7days	Early	0.505196499
Yes	80	Female	Yes	No	No	>7days	Late	0.505196499
Yes	60	Female	Yes	Yes	No	>7days	Early	0.501950577
Yes	60	Female	Yes	Yes	No	>7days	Late	0.501950577
No	60	Female	No	No	Yes	<=7days	Early	0.495036028
No	60	Female	No	No	Yes	<=7days	Late	0.495036028
Yes	80	Male	No	No	No	<=7days	Early	0.480152544
Yes	80	Male	No	No	No	<=7days	Late	0.480152544
Yes	60	Male	No	Yes	No	<=7days	Early	0.476838607
Yes	60	Male	No	Yes	No	<=7days	Late	0.476838607
No	60	Male	No	No	No	>7days	Early	0.474332217
No	60	Male	No	No	No	>7days	Late	0.474332217
No	80	Female	Yes	Yes	No	>7days	Early	0.460529455
No	80	Female	Yes	Yes	No	>7days	Late	0.460529455
Yes	80	Female	No	Yes	No	>7days	Early	0.458934902
Yes	80	Female	No	Yes	No	>7days	Late	0.458934902
No	80	Female	Yes	No	No	<=7days	Early	0.441885288
No	80	Female	Yes	No	No	<=7days	Late	0.441885288
No	60	Female	Yes	Yes	No	<=7days	Early	0.438491537
No	60	Female	Yes	Yes	No	<=7days	Late	0.438491537
Yes	80	Male	Yes	No	Yes	<=7days	Early	0.437348665
Yes	80	Male	Yes	No	Yes	<=7days	Late	0.437348665
Yes	60	Male	Yes	Yes	Yes	<=7days	Early	0.43394748
Yes	60	Male	Yes	Yes	Yes	<=7days	Late	0.43394748
No	60	Male	Yes	No	Yes	>7days	Early	0.431377099
No	60	Male	Yes	No	Yes	>7days	Late	0.431377099
Yes	80	Female	Yes	Yes	Yes	>7days	Early	0.415624892
Yes	80	Female	Yes	Yes	Yes	>7days	Late	0.415624892
No	80	Female	No	Yes	No	<=7days	Early	0.393931948
No	80	Female	No	Yes	No	<=7days	Late	0.393931948
No	60	Male	No	No	No	<=7days	Early	0.37199309
No	60	Male	No	No	No	<=7days	Late	0.37199309
Yes	80	Female	No	Yes	Yes	<=7days	Early	0.360169914
Yes	80	Female	No	Yes	Yes	<=7days	Late	0.360169914
No	80	Female	Yes	Yes	Yes	<=7days	Early	0.349888561
No	80	Female	Yes	Yes	Yes	<=7days	Late	0.349888561
Yes	60	Male	No	No	Yes	<=7days	Early	0.338241934
Yes	60	Male	No	No	Yes	<=7days	Late	0.338241934
No	60	Male	Yes	No	Yes	<=7days	Early	0.328001693
No	60	Male	Yes	No	Yes	<=7days	Late	0.328001693
Yes	80	Female	No	No	Yes	>7days	Early	0.319815887
Yes	80	Female	No	No	Yes	>7days	Late	0.319815887
Yes	60	Female	No	Yes	Yes	>7days	Early	0.316392531
						-	-	

Yes	60	Female	No	Yes	Yes	>7days	Late	0.316392531
Yes	80	Male	Yes	No	No	<=7days	Early	0.283909912
Yes	80	Male	Yes	No	No	<=7days	Late	0.283909912
Yes	60	Male	Yes	Yes	No	<=7days	Early	0.280555317
Yes	60	Male	Yes	Yes	No	<=7days	Late	0.280555317
No	60	Male	Yes	No	No	>7days	Early	0.278029238
No	60	Male	Yes	No	No	>7days	Late	0.278029238
Yes	60	Male	No	No	No	>7days	Early	0.276441832
Yes	60	Male	No	No	No	>7days	Late	0.276441832
No	80	Female	No	Yes	Yes	>7days	Early	0.274017058
No	80	Female	No	Yes	Yes	>7days	Late	0.274017058
Yes	80	Female	Yes	Yes	No	>7days	Early	0.262720871
Yes	80	Female	Yes	Yes	No	>7days	Late	0.262720871
No	80	Female	No	No	Yes	<=7days	Early	0.255747853
No	80	Female	No	No	Yes	<=7days	Late	0.255747853
No	60	Female	No	Yes	Yes	<=7days	Early	0.252476907
No	60	Female	No	Yes	Yes	<=7days	Late	0.252476907
Yes	80	Male	No	Yes	No	<=7days	Early	0.237831111
Yes	80	Male	No	Yes	No	<=7days	Late	0.237831111
No	80	Male	No	No	No	>7days	Early	0.235412782
No	80	Male	No	No	No	>7days	Late	0.235412782
Yes	60	Male	Yes	No	Yes	>7days	Early	0.234712211
Yes	60	Male	Yes	No	Yes	>7days	Late	0.234712211
No	60	Male	No	Yes	No	>7days	Early	0.232220219
No	60	Male	No	Yes	No	>7days	Late	0.232220219
No	80	Female	Yes	Yes	No	<=7days	Early	0.202143002
No	80	Female	Yes	Yes	No	<=7days	Late	0.202143002
Yes	80	Male	Yes	Yes	Yes	<=7days	Early	0.198100364
Yes	80	Male	Yes	Yes	Yes	<=7days	Late	0.198100364
No	80	Male	Yes	No	Yes	>7days	Early	0.195831134
No	80	Male	Yes	No	Yes	>7days	Late	0.195831134
No	60	Male	Yes	Yes	Yes	>7days	Early	0.192839948
No	60	Male	Yes	Yes	Yes	>7days	Late	0.192839948
No	60	Male	Yes	No	No	<=7days	Early	0.183209756
No	60	Male	Yes	No	No	<=7days	Late	0.183209756
No	80	Male	No	No	No	<=7days	Early	0.146940755
No	80	Male	No	No	No	<=7days	Late	0.146940755
No	60	Male	No	Yes	No	<=7days	Early	0.144304534
No	60	Male	No	Yes	No	<=7days	Late	0.144304534
Yes	80	Male	No	No	Yes	<=7days	Early	0.122189859
Yes	80	Male	No	No	Yes	<=7days	Late	0.122189859
Yes	60	Male	No	Yes	Yes	<=7days	Early	0.119788921
Yes	60	Male	No	Yes	Yes	<=7days	Late	0.119788921
No	60	Male	No	No	Yes	>7days	Early	0.117993597
No	60	Male	No	No	Yes	>7days	Late	0.117993597
No	80	Male	Yes	No	Yes	<=7days	Early	0.115117935
No	80	Male	Yes	No	Yes	<=7days	Late	0.115117935

No	60	Male	Yes	Yes	Yes	<=7days	Early	0.112792455
No	60	Male	Yes	Yes	Yes	<=7days	Late	0.112792455
Yes	60	Male	Yes	No	No	>7days	Early	0.110071787
Yes	60	Male	Yes	No	No	>7days	Late	0.110071787
Yes	80	Female	No	Yes	Yes	>7days	Early	0.107347851
Yes	80	Female	No	Yes	Yes	>7days	Late	0.107347851
Yes	80	Male	Yes	Yes	No	<=7days	Early	0.085025151
Yes	80	Male	Yes	Yes	No	<=7days	Late	0.085025151
No	80	Male	Yes	No	No	>7days	Early	0.083546798
No	80	Male	Yes	No	No	>7days	Late	0.083546798
Yes	80	Male	No	No	No	>7days	Early	0.082624218
Yes	80	Male	No	No	No	>7days	Late	0.082624218
No	60	Male	Yes	Yes	No	>7days	Early	0.081611748
No	60	Male	Yes	Yes	No	>7days	Late	0.081611748
Yes	60	Male	No	Yes	No	>7days	Early	0.080702076
Yes	60	Male	No	Yes	No	>7days	Late	0.080702076
No	80	Female	No	Yes	Yes	<=7days	Early	0.069300125
No	80	Female	No	Yes	Yes	<=7days	Late	0.069300125
Yes	80	Male	Yes	No	Yes	>7days	Early	0.060156935
Yes	80	Male	Yes	No	Yes	>7days	Late	0.060156935
No	80	Male	No	Yes	No	>7days	Early	0.058924488
No	80	Male	No	Yes	No	>7days	Late	0.058924488
No	60	Male	No	No	Yes	<=7days	Early	0.058806535
No	60	Male	No	No	Yes	<=7days	Late	0.058806535
Yes	60	Male	Yes	Yes	Yes	>7days	Early	0.058581703
Yes	60	Male	Yes	Yes	Yes	>7days	Late	0.058581703
No	80	Male	Yes	Yes	Yes	>7days	Early	0.04109502
No	80	Male	Yes	Yes	Yes	>7days	Late	0.04109502
No	80	Male	Yes	No	No	<=7days	Early	0.037208577
No	80	Male	Yes	No	No	<=7days	Late	0.037208577
No	60	Male	Yes	Yes	No	<=7days	Early	0.036070298
No	60	Male	Yes	Yes	No	<=7days	Late	0.036070298
Yes	60	Male	No	No	Yes	>7days	Early	0.025118337
Yes	60	Male	No	No	Yes	>7days	Late	0.025118337
No	80	Male	No	Yes	No	<=7days	Early	0.023420678
No	80	Male	No	Yes	No	<=7days	Late	0.023420678
Yes	80	Male	No	Yes	Yes	<=7days	Early	0.016322323
Yes	80	Male	No	Yes	Yes	<=7days	Late	0.016322323
No	80	Male	No	No	Yes	>7days	Early	0.015851257
No	80	Male	No	No	Yes	>7days	Late	0.015851257
No	60	Male	No	Yes	Yes	>7days	Early	0.015243056
No	60	Male	No	Yes	Yes	>7days	Late	0.015243056
No	80	Male	Yes	Yes	Yes	<=7days	Early	0.01452431
No	80	Male	Yes	Yes	Yes	<=7days	Late	0.01452431
Yes	80	Male	Yes	No	No	>7days	Early	0.013852597
Yes	80	Male	Yes	No	No	>7days	Late	0.013852597
Yes	60	Male	Yes	Yes	No	>7days	Early	0.013304146

60	Male	Yes	Yes	No	>7days	Late	0.013304146
80	Male	Yes	Yes	No	>7days	Early	0.007754826
80	Male	Yes	Yes	No	>7days	Late	0.007754826
80	Male	No	Yes	No	>7days	Early	0.007588076
80	Male	No	Yes	No	>7days	Late	0.007588076
80	Male	No	No	Yes	<=7days	Early	0.004107319
80	Male	No	No	Yes	<=7days	Late	0.004107319
80	Male	Yes	Yes	Yes	>7days	Early	0.004076921
80	Male	Yes	Yes	Yes	>7days	Late	0.004076921
60	Male	No	Yes	Yes	<=7days	Early	0.003899691
60	Male	No	Yes	Yes	<=7days	Late	0.003899691
80	Male	Yes	Yes	No	<=7days	Early	0.00159182
80	Male	Yes	Yes	No	=	Late	0.00159182
80	Male	No	No	Yes	>7days	Early	0.000789073
80	Male	No	No	Yes	>7days	Late	0.000789073
60	Male	No	Yes	Yes	>7days	Early	0.000737608
60	Male	No	Yes	Yes	>7days	Late	0.000737608
80	Male	No	Yes	Yes	>7days	Early	0.000299536
80	Male	No	Yes	Yes	>7days	Late	0.000299536
80	Male	Yes	Yes	No	>7days	Early	0.000230073
80	Male	Yes	Yes	No	>7days	Late	0.000230073
80	Male	No	Yes	Yes	<=7days	Early	2.13E-05
80	Male	No	Yes	Yes	<=7days	Late	2.13E-05
80	Male	No	Yes	Yes	>7days	Early	8.43E-07
80	Male	No	Yes	Yes	>7days	Late	8.43E-07
	80 80 80 80 80 80 80 80 80 80 80 80 80 8	80 Male 60 Male 80 Male	80 Male Yes 80 Male Yes 80 Male No 80 Male No 80 Male No 80 Male Yes 80 Male Yes 80 Male No 60 Male No 80 Male Yes 80 Male No 80 Male No 60 Male No 60 Male No 80 Male No 80 Male No 80 Male Yes 80 Male No 80 Male No	80 Male Yes Yes 80 Male Yes Yes 80 Male No Yes 80 Male No No 80 Male No No 80 Male No No 80 Male Yes Yes 80 Male No Yes 80 Male No Yes 80 Male Yes Yes 80 Male No No 80 Male No Yes 80 Male No Yes 80 Male No Yes 80 Male No Yes 80 Male Yes Yes 80 Male No	80 Male Yes Yes No 80 Male Yes Yes No 80 Male No Yes No 80 Male No No Yes 80 Male No No Yes 80 Male No No Yes 80 Male Yes Yes Yes 80 Male Yes Yes Yes 60 Male No Yes Yes 80 Male Yes Yes No 80 Male Yes Yes No 80 Male No No Yes 80 Male No Yes Yes 80 Male No	80 Male Yes Yes No >7days 80 Male Yes Yes No >7days 80 Male No Yes No >7days 80 Male No Yes No >7days 80 Male No No Yes <=7days	80 Male Yes Yes No >7days Early 80 Male Yes Yes No >7days Late 80 Male No Yes No >7days Early 80 Male No Yes No >7days Late 80 Male No No Yes <-7days