Supplementary Table 1. Calculating probability of ICU mortality: an example

Variable	Model 1		
	β	x	βx
Constant	-4.336		-4.336
Sex			
Female	-0.085	0	0.000
Age group (yr)			
30–39	-0.224	0	0.000
40–49	0.101	0	0.000
50–59	0.251	0	0.000
60–69	0.275	0	0.000
70–79	0.514	1	0.514
80–89	0.948	0	0.000
90–99	1.449	0	0.000
CCI			
CCI 1	0.029	0	0.000
CCI 2	0.190	0	0.000
CCI 3+	0.221	1	0.221
Respirator			
Yes	1.220	0	0.000
CRRT, dialysis			
Yes	1.000	0	0.000
Norepinephrine, dopamine, vasopressin			
Yes	1.368	1	1.368

ICU, intensive care unit; CCI, Charlson comorbidity index; CRRT, continuous renal replacement therapy.
See the "Methods" section in the text for a description of this example patient and the variables of the calculations. g(x) = -2.233. This patient's probability of ICU mortality, as calculated using the Mortality Probability Model system model 1 is $\frac{e^{-2.233}}{1+e^{-2.233}}$ = 0.097.

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