

Supplementary Materials - Baseline model fit

Table S3 : Parameter estimates of the baseline model (with baseline SOFA and age at admission)

Parameter	Value	S.E.	RSE (%)	p-value
<i>Death</i>				
h_1	0.0012	0.00013	11	
β_{S_1}	0.20	0.0093	5	$< 10^{-16}$
$\beta_{1, Age_{[60,75]}}$	0.34	0.091	27	0.0002
$\beta_{1, Age_{\geq 75}}$	0.61	0.089	15	7×10^{-12}
<i>Discharge</i>				
h_2	0.13	0.0053	4	
β_{S_2}	-0.12	0.0052	4	$< 10^{-16}$
$\beta_{2, Age_{[60,75]}}$	-0.21	0.044	20	2×10^{-6}
$\beta_{2, Age_{\geq 75}}$	-0.26	0.046	18	2×10^{-8}