

**Additional file 5: Mortality prediction using models of clinical variables with or without sTREM-1**

<b>Model</b>	<b>Variable</b>	<b>OR</b>	<b>95% CI</b>	<b>p value</b>
<b>Clinical variables</b>	Age	1.01	0.99-1.03	0.49
	Female sex	0.92	0.57-1.46	0.71
	Charlson Comorbidity Index	1.20	1.02-1.42	0.03
	Modified SOFA score	1.38	1.28-1.48	<0.001
<b>Clinical variables + sTREM-1<sup>a</sup></b>	Age	1.01	0.98-1.03	0.60
	Female sex	0.83	0.51-1.34	0.44
	Charlson Comorbidity Index	1.10	0.92-1.31	0.28
	Modified SOFA score	1.22	1.13-1.33	<0.001
	sTREM-1	11.1	4.90-25.16	<0.001

<sup>a</sup>Model containing clinical variables and log<sub>10</sub> sTREM-1 differed significantly by likelihood ratio test (P=1.6 x 10<sup>-9</sup>) compared to the clinical variable model.