

Supplementary table 1a. Susceptibility distribution of first bacteremias and absolute and relative risk (95% CI) of recurrent bacteremia between 4 and 15 days following single or co-non-susceptible first bacteremia, compared with susceptible first bacteremia.

Pathogen group	First episodes (n (%))			Risk of recurrent episode by susceptibility status of first episode			
	Susceptible	Single non-susceptible	Co-non-susceptible	Risk	Single non-susceptible		Co-non-susceptible
					Susceptible	Susceptible	Susceptible
Enterobacteriaceae	68413 (91.4)	5691 (7.6)	39 (0.1)	absolute (%)	1.6 (1.5-1.6)	2.5 (2.1-2.9)	10.3 (3.8-27.3)
				relative		1.6 (1.4-1.9)	6.6 (2.5-17.7)
<i>Pseudomonas</i> spp.	4493 (94.2)	142 (3.0)	112 (2.3)	absolute (%)	1.6 (1.2-2.0)	2.1 (0.7-6.6)	9.8 (5.4-17.7)
				relative		1.4 (0.4-4.3)	6.3 (3.3-11.9)
<i>Enterococcus</i> spp.	6516 (57.4)	4665 (41.1)	53 (0.5)	absolute (%)	3.3 (2.9-3.8)	6 (5.3-6.7)	5.7 (1.8-17.6)
				relative		1.8 (1.5-2.1)	1.7 (0.5-5.3)
<i>S. aureus</i>	22483 (98.1)	304 (1.3)		absolute (%)	5.2 (4.9-5.5)	8.9 (6.1-13.0)	
				relative		1.7 (1.2-2.5)	

Supplementary table 1b. Susceptibility distribution of first bacteremias and absolute and relative risk (95% CI) of recurrent bacteremia between 4 and 60 days following single or co-non-susceptible first bacteremia, compared with susceptible first bacteremia.

Pathogen group	First episodes (n (%))			Risk of recurrent episode by susceptibility status of first episode			
	Susceptible	Single non-susceptible	Co-non-susceptible	Risk	Single non-susceptible		Co-non-susceptible
					Susceptible	Susceptible	Susceptible
Enterobacteriaceae	66986 (91.6)	5416 (7.4)	36 (0.0)	absolute (%)	2.6 (2.5-2.7)	4.4 (3.9-5.0)	13.9 (5.8-33.4)
				relative		1.7 (1.5-2.0)	5.4 (2.2-12.9)
<i>Pseudomonas</i> spp.	4398 (94.6)	130 (2.8)	96 (2.1)	absolute (%)	3.0 (2.5-3.5)	3.8 (1.6-9.2)	14.6 (8.6-24.6)
				relative		1.3 (0.5-3.2)	4.9 (2.8-8.6)
<i>Enterococcus</i> spp.	6310 (57.3)	4543 (41.3)	48 (0.4)	absolute (%)	4.9 (4.4-5.5)	6.8 (6.1-7.7)	6.3 (2.0-19.4)
				relative		1.4 (1.2-1.6)	1.3 (0.4-4.0)
<i>S. aureus</i>	22082 (98.2)	292 (1.3)		absolute (%)	6.0 (5.7-6.3)	9.9 (6.9-14.3)	
				relative		1.7 (1.1-2.4)	