

Table S2. Estimated ward-level reproduction numbers (s.e.) for TW and non-TW MRSA clones under alternative assumptions

		Phases			
		1	2	3	4
Baseline assumptions but with perfect ward coupling					
Combined ICUs	TW MRSA	0.71 (0.17)	0.50 (0.09)	0.56 (0.17)	0.64 (0.15)
Combined ICUs	Non-TW MRSA	0.38 (0.02)	0.20 (0.03)	0.47 (0.08)	0.15 (0.02)
Assumption SA1					
ICU1	TW MRSA	0.14 (0.10)	0.65 (0.17)	0.13 (0.08)	0.54 (0.22)
ICU1	Non-TW MRSA	0.37 (0.03)	0.31 (0.08)	0.41 (0.07)	0.14 (0.03)
ICU2	TW MRSA	0.73 (0.19)	0.41 (0.11)	0.58 (0.22)	0.58 (0.17)
ICU2	Non-TW MRSA	0.42 (0.04)	0.21 (0.06)	0.54 (0.16)	0.17 (0.03)
Combined ICUs	TW MRSA	0.69 (0.19)	0.51 (0.10)	0.58 (0.15)	0.63 (0.14)
Combined ICUs	Non-TW MRSA	0.38 (0.03)	0.21 (0.04)	0.46 (0.08)	0.15 (0.02)

Phase-specific estimates of ward-level reproduction numbers for TW MRSA and Non-TW MRSA derived using Method 1 under baseline assumption assuming perfect ward coupling (applies to combined ICU estimates only) and under SA1 assumptions (see protocol in supporting material for details of baseline and SA1 assumptions).