

Supplemental Table 2: univariate and multivariate analyses in the five time imputed dataset as part of a sensitivity analysis

	Univariate analysis (n=3,899)			Multivariate analysis (n=3,899)		
	OR ¹	95 % CI ²	p	Adjusted OR ¹	95 % CI ²	p
Male	0.98	[0.81-1.19]	0.86			
Age > 60 years	1.39	[1.15-1.68]	<0.001	1.24	[1.02-1.50]	0.034
Obesity	1.49	[1.20-1.80]	<0.001	1.32	[1.06-1.64]	0.012
Immunosuppression	0.94	[0.75-1.19]	0.63			
Diabetes	1.53	[1.24-1.89]	<0.001	1.31	[1.05-1.62]	0.016
SAPS2	1.00	[1.00-1.01]	0.24			
Mechanical ventilation at insertion	0.79	[0.64-0.98]	0.030	0.79	[0.63-1.00]	0.047
Antibiotic therapy at insertion	0.94	[0.78-1.12]	0.47			
Catecholamines at insertion	0.85	[0.70-1.02]	0.08	-	-	-
Anticoagulation at insertion	1.28	[1.07-1.54]	0.008	-	-	-
Dialysis catheter	2.50	[2.05-3.03]	<0.001	1.81	[1.48-2.22]	<0.001
Insertion site						
Subclavian	1.00	-	-	1.00	-	-
Jugular	4.21	[2.96-5.99]	<0.001	3.74	[2.60-5.38]	<0.001
Femoral	5.32	[3.76-7.53]	<0.001	4.41	[3.07-6.36]	<0.001
First catheter inserted	0.59	[0.47-0.73]	<0.001	0.71	[0.55-0.90]	0.005
Successful insertion at first attempt	1.24	[1.03-1.51]	0.026	-	-	-
Mechanical complication at insertion	0.90	[0.65-1.27]	0.56			
Dwell time > 5 days	1.88	[1.57-2.26]	<0.001	1.93	[1.60-2.34]	<0.001

¹ OR, odds-ratio

² CI, confidence interval