

Supplemental table 1. Univariable and multivariable analysis of ST131-H30 as a predictor of clinical presentation, management, and outcomes.

Epidemiological variable		Univariable analysis: ST131-H30 ^b			Multivariable analysis ^a										
					ST131-H30			LTCF ^a stay in past year		Systemic compromise		Local compromise		Prior antibiotics	
Category	Specific variable	O.R. ^c	95% C.I. ^c	P value	O.R. ^c	95% C.I. ^c	P value	O.R. ^c	P value	O.R. ^c	P value	O.R. ^c	P value	O.R. ^c	P value
Presentation	Local manifestations	0.82	0.55-1.23	.34	1.06	0.68-1.65	.93	3.34	< .001	1.53	.06	1.59	.06	2.20	.001
	Systemic manifestations	0.96	0.62-1.48	.84	0.97	0.60-1.55	.89	3.30	< .001	1.52	.07	1.59	.06	2.19	.001
	Any clinical manifestation	0.59	0.38-0.90	.02	0.87	0.54-1.40	.57	3.21	< .001	1.50	.08	1.60	.06	2.16	.001
	Suspected infection	0.56	0.34-0.92	.02	0.81	0.47-1.37	.43	3.23	< .001	1.51	.07	1.59	.06	2.13	.001
	SIRS ^d	1.74	1.05-2.91	.03	1.17	0.66-2.07	.58	3.23	< .001	1.53	.06	1.56	.06	2.20	.001
	Sepsis diagnosis	1.8	0.72-4.29	.22	1.16	0.43-3.08	.77	3.20	< .001	1.47	.09	1.62	.06	2.09	.002
	Bacteremia	0.37	0.05-2.73	.31	0.41	0.14-1.13	.40	3.30	< .001	1.54	.06	1.57	.07	2.18	.002
Management	Imaging	1.79	1.17-2.76	.009	1.14	0.70-1.86	.58	3.23	< .001	1.52	.07	1.52	.06	2.21	.001
	Procedure	1.99	1.33-2.98	.001	0.89	0.41-1.73	.63	3.29	< .001	1.50	.06	1.60	.06	2.19	.001
	Admit to hospital	2.28	1.36-3.84	.002	0.73	(0.38-1.41)	.34	3.42	< .001			1.64	.049	2.10	.002
	Antibiotic therapy	0.39	0.26-0.59	< .001	0.47	0.31-0.72	.001	3.25	< .001			1.60	.06	2.08	.002
Outcome	Resistant to antibiotic	2.76	1.61-4.72	< .001	2.42	1.35-4.37	.003	3.15	.001	1.57	.048	1.53	.09	2.66	.001
	Clinical persistence	3.17	1.82-5.52	< .001	3.47	1.89-6.37	< .001	3.89	< .001					2.03	.004
	Microbiological persistence	5.54	3.11-9.98	< .001	4.46	2.38-8.38	< .001	3.70	< .001	1.56	.06	1.59	.07	1.97	.005
	Clinical recurrence	1.59	0.60-4.14	.36	1.34	0.48-3.77	.58	3.41	< .001	1.51	.08	1.70	.04	2.06	.002
	Microbiological recurrence	0.83	0.19-3.57	.80	0.80	0.17-3.69	.78	3.40	< .001	1.50	.08	1.60	.07	2.21	.001
	Later sepsis diagnosis	2.70	1.07-6.81	.04	0.99	0.35-2.78	.98	3.29	< .001	1.53	.06	1.58	.07	2.18	.001
	Outpatient visit(s)	1.54	1.03-2.30	.03	1.24	0.79-1.93	.34	3.52	< .001	1.46	.099	1.58	.07	2.15	.001
	Escalation in level of care	1.57	0.60-4.13	.36	0.64	0.22-1.82	.40	3.36	< .001	1.59	.07	1.59	.06	2.23	.001
	Admit to hospital	3.63	1.94-6.77	< .001	2.68	1.35-5.33	.005	3.34	< .001			1.68	.04	2.18	.001
	New antibiotics	2.62	1.73-3.96	< .001	2.04	1.32-3.16	.001	3.45	< .001	1.52	.07			2.13	.001
	Imaging	2.01	1.33-3.02	.001	1.27	0.81-2.01	.30	3.28	< .001	1.49	.08	1.57	.07	2.18	.001
	Procedure	2.03	1.35-3.05	.001	1.30	0.75-2.24	.35	3.33	< .001	1.50	.08	1.56	.08	2.19	.001
	New infection	2.82	1.72-4.62	< .001	1.73	1.01-3.00	.047	3.21	< .001	1.51	.07	1.56	.08	2.16	.001
Other complication	1.95	1.26-3.03	.003	1.28	0.78-2.07	.34	3.30	< .001	1.49	.08	1.57	.07	2.19	.001	

^aCandidate predictor variables that were used in each multivariable model included: H30, age, male, hospital stay in past year, long-term care facility (LTCF) stay in past year, systemic compromise, local compromise, hospital (Harborview King County Medical Center, University of Washington Medical Center, or Minneapolis Veterans Affairs Medical Center [VA]), and recent antibiotic (past 30 days). Results are shown in bold where P < .10. Multivariable results for predictor variables other than ST131-H30 are shown only where P < .10. (No model yielded P < .10 for age, male, hospital stay in past year, or hospital.)

^bResults are shown in bold where P < .10.

^cO.R., odds ratio. C.I., 95% confidence interval.

^dSIRS: systemic inflammatory response syndrome. Other variables are defined in Table 1.