

Supplementary Figure 1: Baseline demographics, co-morbidities and surgical factors in the sepsis and no sepsis cohorts following propensity score matching.

	Sepsis			No Sepsis			Univariate Regression	
	num	denom	%	num	denom	%	OR (95% CI)	p-value
Age								
Mean (SD)	67.91		13.3	67.81		12.7		0.8856
<50	37	410	9.0	184	2050	9.0	1.00 (0.66 - 1.51)	
50-64	103	410	25.1	512	2050	25.0	Reference	
65-79	186	410	45.4	950	2050	46.3	0.97 (0.75 - 1.27)	
>=80	84	410	20.5	404	2050	19.7	1.03 (0.75 - 1.42)	
Demographics								
Male	273	410	66.6	1325	2046	64.8	Reference	0.4793
Female	137	410	33.4	721	2046	35.2	0.92 (0.74 - 1.15)	
White	302	410	73.7	1534	2050	74.8	Reference	0.9804
Black	31	410	7.6	142	2050	6.9	1.11 (0.74 - 1.67)	
Asian	9	410	2.2	40	2050	2.0	1.14 (0.55 - 2.38)	
Other	4	410	1.0	22	2050	1.1	0.92 (0.32 - 2.7)	
Unknown	64	410	15.6	312	2050	15.2	1.04 (0.78 - 1.4)	
Hispanic Ethnicity	44	360	12.2	207	1824	11.3	1.09 (0.77 - 1.54)	0.6348
ASA PS Classification								
ASA 1+2	0	410	0.0	8	2050	0.4	0 (0 - ∞)	0.5328
ASA 3	51	410	12.4	265	2050	12.9	Reference	
ASA 4	351	410	85.6	1747	2050	85.2	1.04 (0.76 - 1.44)	
ASA 5	8	410	2.0	30	2050	1.5	1.39 (0.6 - 3.2)	
BMI								
Mean (SD)	30.3		9.1	30.18		7.0		0.7659
<18.5	7	410	1.7	34	2050	1.7	1.06 (0.46 - 2.47)	
18.5 - 24.9	90	410	22.0	465	2050	22.7	Reference	
25 - 29.9	125	410	30.5	615	2050	30.0	1.05 (0.78 - 1.41)	
30 - 34.9	99	410	24.1	496	2050	24.2	1.03 (0.75 - 1.41)	
35 - 39.9	52	410	12.7	248	2050	12.1	1.08 (0.74 - 1.58)	
> 40	37	410	9.0	192	2050	9.4	1 (0.66 - 1.51)	
Functional Status								
No Dyspnea	168	410	41.0	810	2050	39.5	Reference	0.8148
Dyspnea with moderate exertion	189	410	46.1	980	2050	47.8	0.93 (0.74 - 1.17)	

	Dyspnea at rest	53	410	12.9	260	2050	12.7	0.98 (0.7 - 1.38)	
	Independent in ADLs	338	410	82.4	1692	2050	82.5	Reference	0.9841
	Partially Dependent in ADLs	53	410	12.9	267	2050	13.0	0.99 (0.72 - 1.36)	
	Totally Dependent in ADLs	19	410	4.6	91	2050	4.4	1.05 (0.63 - 1.74)	
Co-morbidities									
	Diabetes	161	410	39.3	790	2050	38.5	1.03 (0.83 - 1.28)	0.7812
	Smoker	92	410	22.4	354	2050	17.3	1.39 (1.07 - 1.8)	0.01311
	Pack-Years (Mean/SD)	38.05		28.9	37.22		28.1	1 (0.99 - 1.01)	0.7872
	Congestive Heart Failure	140	410	34.1	712	2050	34.7	0.97 (0.78 - 1.22)	0.8201
	Previous Cardiac Surgery	26	255	10.2	111	1234	9.0	1.15 (0.73 - 1.8)	0.5458
	Chronic Kidney Disease	34	410	8.3	178	2050	8.7	0.95 (0.65 - 1.4)	0.7971
	Steroid Dependent	18	410	4.4	75	2050	3.7	1.21 (0.71 - 2.05)	0.4782
	Pre-op Transfusion	17	410	4.1	69	2050	3.4	1.24 (0.72 - 2.13)	0.4322
	Operation within last 30 days	5	255	2.0	35	1234	2.8	0.69 (0.27 - 1.77)	0.4312
Labs									
Creatinine	Mean / SD	1.49		1.4	1.53		1.5		0.6081
	<1.5	303	410	73.9	1504	2050	73.4	Reference	
	>=1.5	107	410	26.1	546	2050	26.6	0.97 (0.76 - 1.24)	
Albumin	Mean / SD	3.5		0.7	3.55		0.6		0.17
	<3.5	178	410	43.4	945	2050	46.1	0.9 (0.72 - 1.11)	
	>=3.5	232	410	56.6	1105	2050	53.9	Reference	
WBC	Mean / SD	8.51		3.6	8.27		3.7		0.2229
	>= 4 & <=10	299	410	72.9	1524	2050	74.3	Reference	
	<4 & > 10	111	410	27.1	526	2050	25.7	1.08 (0.85 - 1.37)	
Hematocrit	Mean / SD	36.24		5.7	36.76		5.7		0.08939
	<40	297	410	72.4	1418	2050	69.2	1.17 (0.93 - 1.48)	
	>= 40	113	410	27.6	632	2050	30.8	Reference	
Platelet	Mean / SD	213.75		78.5	215.64		77.9		0.6537
	<150	77	410	18.8	367	2050	17.9	1.06 (0.81 - 1.39)	
	>= 150	333	410	81.2	1683	2050	82.1	Reference	
Surgical Factors									
Wound Classification	Emergency	61	410	14.9	275	2050	13.4	1.13 (0.84 - 1.52)	0.4309
	Clean	382	410	93.2	1930	2050	94.1	Reference	0.00014
	Clean/Contaminated	7	410	1.7	79	2050	3.9	0.45 (0.21 - 0.98)	
	Contaminated/Dirty-Infected	21	410	5.1	41	2050	2.0	2.59 (1.51 - 4.43)	

Resident PGY	Mean / SD	6.62	2.2	6.33	2.2	1.07 (0.94 - 1.2)	0.3016
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Legend: ASA PS = American Society of Anesthesiology Physical Status; BMI = body mass index; ADL = Activities of daily living' WBC = white blood cell'
PGY = post graduate year; SD = standard deviation; OR = odd's ratio; CI = confidence interval.