

Below is a descriptive analysis of covariates included in the propensity score models. For each analysis performed (1: probability of FUBC versus no FUBC; 2: probability of positive FUBC versus negative FUBC) we included both the unweighted and weighted (by the propensity score) analyses. In blue we have highlighted p-values that were significant ($p < 0.05$). No covariates were statistically different between the two comparison groups after weighting by the propensity score.

1. Propensity score model comparing patients with FUBC versus no FUBC

Unweighted

Variable	Variable Value	FUBC No (Col %)	FUBC Yes (Col %)	Chi-Sq p-value
race_black	0	397 (32.9)	809 (67.1)	0.07015
race_black	1	141 (28.4)	355 (71.6)	.
Female	No	304 (32.5)	632 (67.5)	0.39415
Female	Yes	234 (30.5)	532 (69.5)	.
hemodialysis dependent	No	501 (32.7)	1029 (67.3)	0.00266
hemodialysis dependent	Yes	37 (21.5)	135 (78.5)	.
diabetic	No	364 (32.5)	756 (67.5)	0.27323
diabetic	Yes	174 (29.9)	408 (70.1)	.
corticosteroid use?	No	432 (33.5)	859 (66.5)	0.00358
corticosteroid use?	Yes	106 (25.8)	305 (74.2)	.
transplant recipient?	No	494 (33.6)	976 (66.4)	0.00001
transplant recipient?	Yes	44 (19)	188 (81)	.
Neoplasm?	No	304 (29.3)	734 (70.7)	0.00997
Neoplasm?	Yes	234 (35.2)	430 (64.8)	.
Fever when BCx drawn	No	158 (26.7)	434 (73.3)	0.00068
Fever when BCx drawn	Yes	364 (34.8)	681 (65.2)	.
central IV cath present?	No	448 (32.6)	927 (67.4)	0.07699
central IV cath present?	Yes	90 (27.5)	237 (72.5)	.
route	Community acquired	389 (32.9)	795 (67.1)	0.09493
route	Hospital acquired	149 (28.8)	369 (71.2)	.
Cardiac device present	No	508 (32.5)	1055 (67.5)	0.00797
Cardiac device present	Yes	30 (21.6)	109 (78.4)	.
Source_skin_soft_tissue	0	509 (31.8)	1094 (68.2)	0.60942
Source_skin_soft_tissue	1	29 (29.3)	70 (70.7)	.
Source_endovascular	0	503 (33.9)	979 (66.1)	0.00000
Source_endovascular	1	35 (15.9)	185 (84.1)	.
Source_GI	0	455 (31.3)	1000 (68.7)	0.46616
Source_GI	1	83 (33.6)	164 (66.4)	.
Source_GU	0	337 (29.3)	814 (70.7)	0.00280
Source_GU	1	201 (36.5)	350 (63.5)	.
Source_respiratory	0	510 (32.3)	1068 (67.7)	0.02471
Source_respiratory	1	28 (22.6)	96 (77.4)	.
Source_other	0	510 (32.1)	1077 (67.9)	0.08282
Source_other	1	28 (24.3)	87 (75.7)	.

Weighted

Variable	Variable Value	FUBC No (Col %)	FUBC Yes (Col %)	Chi-Sq p-value
race_black	0	1141.6420329 (49.8)	1151.0781046 (50.2)	0.88844
race_black	1	473.0654835 (50.1)	471.83015086 (49.9)	.
Female	No	877.05968766 (49.7)	888.84070384 (50.3)	0.79645
Female	Yes	737.64782878 (50.1)	734.06755162 (49.9)	.
hemodialysis dependent	No	1465.9065602 (50.1)	1461.7022772 (49.9)	0.48767
hemodialysis dependent	Yes	148.80095625 (48)	161.20597827 (52)	.
diabetic	No	1055.1987799 (49.7)	1068.0707317 (50.3)	0.78162
diabetic	Yes	559.50873656 (50.2)	554.83752372 (49.8)	.
corticosteroid use?	No	1238.1658509 (50.1)	1234.1420345 (49.9)	0.67048
corticosteroid use?	Yes	376.54166556 (49.2)	388.76622099 (50.8)	.
transplant recipient?	No	1413.5593392 (50.1)	1407.1197203 (49.9)	0.47600
transplant recipient?	Yes	201.1481772 (48.2)	215.78853519 (51.8)	.
Neoplasm?	No	983.00377922 (50.1)	978.7806024 (49.9)	0.74094
Neoplasm?	Yes	631.70373721 (49.5)	644.12765306 (50.5)	.
Fever when BCx drawn	No	580.22016044 (49.8)	584.01850074 (50.2)	0.97518
Fever when BCx drawn	Yes	1034.487356 (49.9)	1038.8897547 (50.1)	.
central IV cath present?	No	1301.781978 (49.7)	1315.929888 (50.3)	0.73704
central IV cath present?	Yes	312.92553841 (50.5)	306.9783675 (49.5)	.
route	Community acquired	1128.3212694 (49.8)	1139.5156404 (50.2)	0.83436
route	Hospital acquired	486.38624703 (50.2)	483.3926151 (49.8)	.
Cardiac device present	No	1477.835936 (49.8)	1489.1784822 (50.2)	0.80798
Cardiac device present	Yes	136.87158044 (50.6)	133.72977331 (49.4)	.
Source_skin_soft_tissue	0	1520.8346041 (49.9)	1528.2726726 (50.1)	0.98292
Source_skin_soft_tissue	1	93.872912348 (49.8)	94.635582867 (50.2)	.
Source_endovascular	0	1424.8892798 (50.1)	1419.4923771 (49.9)	0.49778
Source_endovascular	1	189.81823664 (48.3)	203.41587836 (51.7)	.
Source_GI	0	1372.7913934 (49.8)	1384.2923393 (50.2)	0.82329
Source_GI	1	241.91612304 (50.3)	238.6159162 (49.7)	.
Source_GU	0	1065.3787573 (49.6)	1081.9253462 (50.4)	0.67956
Source_GU	1	549.32875917 (50.4)	540.98290926 (49.6)	.
Source_respiratory	0	1508.2806459 (50)	1505.9851594 (50)	0.49104
Source_respiratory	1	106.42687056 (47.7)	116.92309601 (52.3)	.
Source_other	0	1502.1273428 (49.8)	1512.6646898 (50.2)	0.84039
Source_other	1	112.58017359 (50.5)	110.24356564 (49.5)	.

2. Propensity score model comparing patients with positive FUBC versus negative FUBC

Unweighted

Variable	Variable Value	FUBC Same Org No (Col %)	FUBC Same Org Yes (Col %)	Chi-Sq p-value
race_black	0	615 (79.5)	159 (20.5)	0.94278
race_black	1	270 (79.6)	69 (20.4)	.
Female	No	486 (79.7)	124 (20.3)	0.88614
Female	Yes	399 (79.3)	104 (20.7)	.
hemodialysis dependent	No	791 (80.5)	191 (19.5)	0.01915
hemodialysis dependent	Yes	94 (71.8)	37 (28.2)	.
diabetic	No	567 (78.9)	152 (21.1)	0.46433
diabetic	Yes	318 (80.7)	76 (19.3)	.
corticosteroid use?	No	664 (80.8)	158 (19.2)	0.07913
corticosteroid use?	Yes	221 (75.9)	70 (24.1)	.
transplant recipient?	No	748 (80.3)	184 (19.7)	0.16359
transplant recipient?	Yes	137 (75.7)	44 (24.3)	.
Neoplasm?	No	558 (78.9)	149 (21.1)	0.52000
Neoplasm?	Yes	327 (80.5)	79 (19.5)	.
Fever when BCx drawn	No	328 (79.2)	86 (20.8)	0.49149
Fever when BCx drawn	Yes	531 (80.9)	125 (19.1)	.
central IV cath present?	No	720 (80.4)	175 (19.6)	0.11848
central IV cath present?	Yes	165 (75.7)	53 (24.3)	.
route	Community acquired	619 (80.8)	147 (19.2)	0.11185
route	Hospital acquired	266 (76.7)	81 (23.3)	.
Cardiac device present	No	809 (80.3)	198 (19.7)	0.03605
Cardiac device present	Yes	76 (71.7)	30 (28.3)	.
Source_skin_soft_tissue	0	826 (79.1)	218 (20.9)	0.20286
Source_skin_soft_tissue	1	59 (85.5)	10 (14.5)	.
Source_endovascular	0	765 (81.7)	171 (18.3)	0.00003
Source_endovascular	1	120 (67.8)	57 (32.2)	.
Source_GI	0	762 (79.4)	198 (20.6)	0.77218
Source_GI	1	123 (80.4)	30 (19.6)	.
Source_GU	0	604 (78.1)	169 (21.9)	0.08595
Source_GU	1	281 (82.6)	59 (17.4)	.
Source_respiratory	0	807 (79)	214 (21)	0.19117
Source_respiratory	1	78 (84.8)	14 (15.2)	.
Source_other	0	829 (80.3)	204 (19.7)	0.02861
Source_other	1	56 (70)	24 (30)	.

Weighted

Variable	Variable Value	FUBC Same Org No (Col %)	FUBC Same Org Yes (Col %)	Chi-Sq p-value
race_black	0	740.30904415 (50.5)	725.09771125 (49.5)	0.32641
race_black	1	322.67917387 (48.2)	346.36953925 (51.8)	.
Female	No	577.26757928 (49.7)	584.88724407 (50.3)	0.89615
Female	Yes	485.72063874 (50)	486.58000643 (50)	.
hemodialysis dependent	No	939.97730074 (49.6)	953.67645694 (50.4)	0.67259
hemodialysis dependent	Yes	123.01091728 (51.1)	117.79079357 (48.9)	.
diabetic	No	687.64806849 (51.1)	657.33757384 (48.9)	0.10992
diabetic	Yes	375.34014953 (47.5)	414.12967667 (52.5)	.
corticosteroid use?	No	788.12096846 (49.5)	804.81321317 (50.5)	0.60616
corticosteroid use?	Yes	274.86724956 (50.8)	266.65403733 (49.2)	.
transplant recipient?	No	895.28538567 (49.7)	905.59924261 (50.3)	0.85060
transplant recipient?	Yes	167.70283236 (50.3)	165.8680079 (49.7)	.
Neoplasm?	No	668.51016561 (50.7)	650.54443497 (49.3)	0.30124
Neoplasm?	Yes	394.47805241 (48.4)	420.92281553 (51.6)	.
Fever when BCx drawn	No	412.59488493 (50.2)	409.12733677 (49.8)	0.76459
Fever when BCx drawn	Yes	650.39333309 (49.5)	662.33991374 (50.5)	.
central IV cath present?	No	860.24735725 (49.7)	870.64923016 (50.3)	0.84546
central IV cath present?	Yes	202.74086078 (50.2)	200.81802035 (49.8)	.
route	Community acquired	735.44594852 (49.4)	754.45854532 (50.6)	0.53702
route	Hospital acquired	327.54226951 (50.8)	317.00870518 (49.2)	.
Cardiac device present	No	960.954222 (49.8)	969.90872792 (50.2)	0.92461
Cardiac device present	Yes	102.03399602 (50.1)	101.55852259 (49.9)	.
Source_skin_soft_tissue	0	997.33544009 (49.7)	1010.4085548 (50.3)	0.64056
Source_skin_soft_tissue	1	65.652777931 (51.8)	61.058695721 (48.2)	.
Source_endovascular	0	896.25498167 (49.7)	906.03996667 (50.3)	0.87543
Source_endovascular	1	166.73323636 (50.2)	165.42728384 (49.8)	.
Source_GI	0	915.97756119 (49.7)	927.62374101 (50.3)	0.78507
Source_GI	1	147.01065683 (50.5)	143.8435095 (49.5)	.
Source_GU	0	731.54978136 (50)	730.37509647 (50)	0.74494
Source_GU	1	331.43843667 (49.3)	341.09215404 (50.7)	.
Source_respiratory	0	977.04871164 (49.8)	986.76658913 (50.2)	0.87842
Source_respiratory	1	85.939506389 (50.4)	84.700661374 (49.6)	.
Source_other	0	987.86484244 (49.8)	993.9468396 (50.2)	0.88044
Source_other	1	75.123375584 (49.2)	77.520410904 (50.8)	.