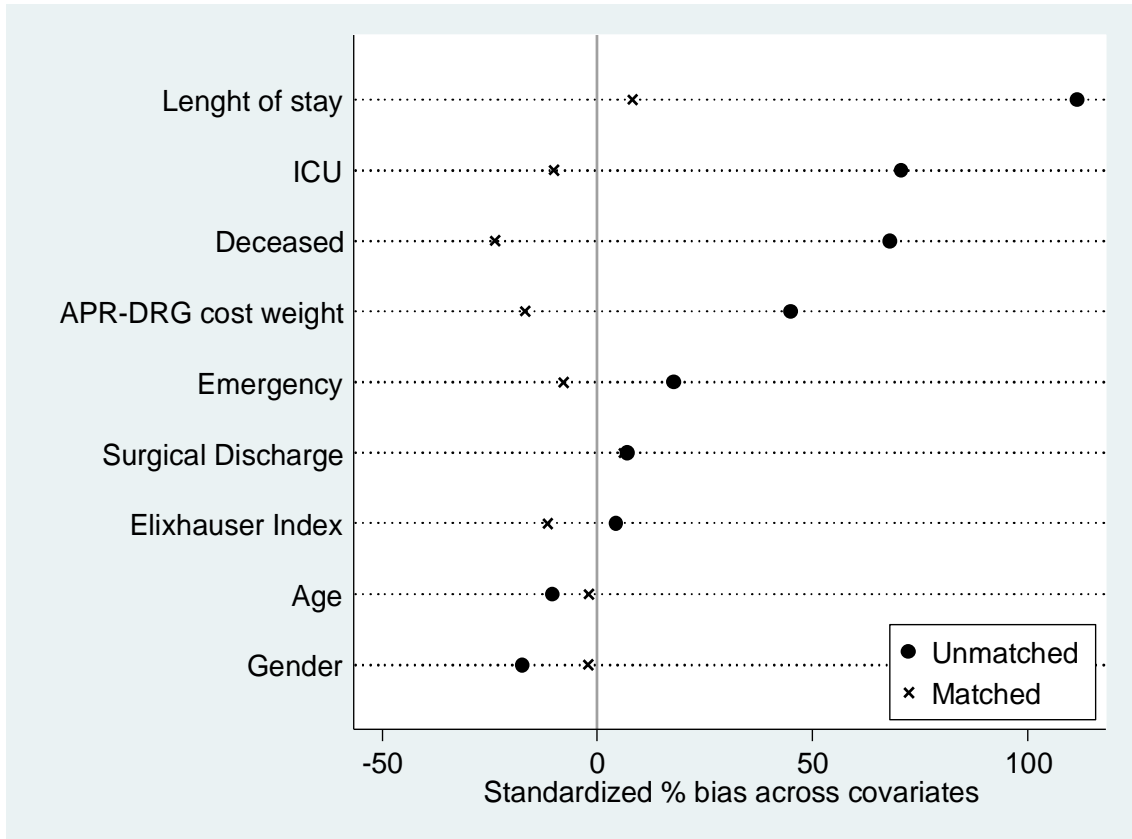


**Figure 1. Bias reduction among explanatory variables after propensity-score matching.**



**Table 1. GLM (binomial family and logit link) model for the estimation of propensity score. The dependent variables is the episode of bacteremia.**

	Coef.	Std. Err.	z	P>z	[95% Conf. Interval]
Length of stay	0.0727474	0.0025866	28.12	0	0.0676777 0.0778171
Log (Pre-bacteremia cost)	1.495.091	0.0693931	21.55	0	1.631.098 1.359.083
Age	0.0053662	0.0028081	-1.91	0.056	-0.01087 0.0001377
Log (APR-DRG adjacent group cost weight)	0.6110629	0.0955102	6.4	0	0.4238663 0.7982595
Discharge type (1=Surgical)	0.1869841	0.131955	1.42	0.156	-0.071643 0.4456113
Elixhauser index	0.0264021	0.0274932	-0.96	0.337	0.0802879 0.0274836
Gender (1=Female)	0.2223457	0.095288	-2.33	0.02	0.4091068 0.0355846
Emergency (1=yes)	0.2847335	0.1131221	-2.52	0.012	0.5064488 0.0630183
Deceased (1=yes)	1.803.327	0.1136873	15.86	0	1.580.504 202.615
ICU (1=yes)	2.096.147	0.1395959	15.02	0	1.822.544 236.975
Constant	6.673.143	0.5754832	11.6	0	5.545.217 7.801.069

**Table 2. Distribution by Focus of Bacteremia According to the Causative Organism and its Antibiotic Sensitivity**

Source of bacteremia	Microorganism group					Total
	<i>S. aureus</i>	<i>E. coli</i>	<i>K. pneumoniae</i>	<i>P. aeruginosa</i>	Polimicrobial	
Urinary tract infection (MDSM)	1	64	15	8	6	94
Urinary tract infection (MDRM)	0	19	11	10	2	42
Gastrointestinal tract infection (MDSM)	1	42	18	6	14	81
Gastrointestinal tract infection (MDRM)	0	12	1	3	5	21
Primary and unknown (MDSM)	12	13	7	9	18	59
Primary and unknown (MDRM)	10	3	4	6	3	26
Respiratory tract infection (MDSM)	10	7	10	19	4	50
Respiratory tract infection (MDRM)	8	2	7	9	2	28
Endovascular devices (MDSM)	16	3	11	4	15	49
Endovascular devices (MDRM)	9	2	5	4	9	29
Surgical site infection (MDSM)	14	11	6	2	11	44
Surgical site infection (MDRM)	3	1	4	2	1	11
Others (MDSM)	16	5	2	3	1	27
Others (MDRM)	8	0	1	1	0	10
<b>Total</b>	<b>108</b>	<b>184</b>	<b>102</b>	<b>86</b>	<b>91</b>	<b>571</b>

**NOTE:** MDSM, multidrug-sensitive microorganism; MDRM, multidrug-resistant microorganism.

CI: Confidence interval

**Table 3.**  
**Mean values for fixed, variable and drug costs, according to the focus of bacteremia and antibiotic susceptibility of the causative organism**

Source of bacteremia	Pre-bacteremia stage			Post-bacteremia stage		
	Fixed	Variable	Drugs	Fixed	Variable	Drugs
Urinary tract infection (MDSM)	7.257	1.424	814	6.201	886	822
Urinary tract infection (MDRM)	8.749	1.803	1.414	8.893	1.138	1.462
Gastrointestinal tract infection (MDSM)	6.025	1.302	867	10.480	1.845	1.642
Gastrointestinal tract infection (MDRM)	9.407	2.328	1.031	5.829	1.843	1.550
Primary and unknown (MDSM)	10.081	2.392	2.569	8.055	1.190	1.816
Primary and unknown (MDRM)	10.807	1.853	2.714	9.126	1.520	3.419
Respiratory tract infection (MDSM)	14.413	2.532	1.859	19.347	2.223	3.128
Respiratory tract infection (MDRM)	14.739	2.133	1.518	9.971	1.403	1.659
Endovascular devices (MDSM)	8.661	1.169	1.306	9.924	1.274	1.874
Endovascular devices (MDRM)	13.250	2.131	2.545	12.794	1.506	2.959
Surgical site infection (MDSM)	9.769	2.101	878	13.017	1.843	2.232
Surgical site infection (MDRM)	10.790	1.763	2.878	13.798	2.134	2.134
Others (MDSM)	4.952	1.138	161	7.801	1.116	1.072
Others (MDRM)	5.589	750	473	11.452	821	2.799

**NOTES:** MDSM, multidrug-sensitive microorganism; MDRM, multidrug-resistant microorganism.  
 CI: Confidence interval.

The drug cost are specifically detailed given its relevance with the object of this study,