

S6 Table. Overview over the propensity score matching categories and results. Algorithm used: Nearest neighbour.

Parameter	Means Treated	Means Control	Std. Mean Diff.	Var. Ratio	eCDF Mean	eCDF Max	Std. Pair Dist.
Distance	0.2979910	0.2973870	0.0058429	1.0209578	0.0004976	0.0123348	0.0060044
Age	64.1911194	64.0359728	0.0103098	0.8735489	0.0154962	0.0337004	1.1450945
Female gender	0.3898678	0.3914097	-0.0031613	NA	0.0015419	0.0015419	0.9253701
Male gender	0.6101322	0.6085903	0.0031613	NA	0.0015419	0.0015419	0.9253701
SAPS-2 on admission	37.0656388	36.8037445	0.0152292	1.0190569	0.0053822	0.0255507	1.1030705
CCI (Age adjusted)	5.4986784	5.5006608	-0.0004568	1.0894320	0.0057685	0.0284141	0.9594906
<i>Admission type*</i>							
Emergency Surgery	0.5083700	0.5044053	0.0079306	NA	0.0039648	0.0039648	0.3471852
Emergency Surgery	0.1808370	0.1808370	0.0000000	NA	0.0000000	0.0000000	0.2625551
Medical	0.3107930	0.3147577	-0.0085666	NA	0.0039648	0.0039648	0.5311264
<i>Treatment year***</i>							
2013	0.1030837	0.1019824	0.0036220	NA	0.0011013	0.0011013	0.4643348
2014	0.1052863	0.1046256	0.0021530	NA	0.0006608	0.0006608	0.5590537
2015	0.1226872	0.1246696	-0.0060424	NA	0.0019824	0.0019824	0.5807422
2016	0.1735683	0.1762115	-0.0069789	NA	0.0026432	0.0026432	0.7211526
2017	0.1277533	0.1246696	0.0092378	NA	0.0030837	0.0030837	0.6479625
2018	0.1707048	0.1740088	-0.0087813	NA	0.0033040	0.0033040	0.7265047
2019	0.1969163	0.1938326	0.0077544	NA	0.0030837	0.0030837	0.7056549
<i>Main diagnosis category**</i>							
Cardiac	0.3645374	0.3658590	-0.0027459	NA	0.0013216	0.0013216	0.7221628
Infection, sepsis	0.0286344	0.0266520	0.0118864	NA	0.0019824	0.0019824	0.3077265
Malignant	0.1770925	0.1773128	-0.0005770	NA	0.0002203	0.0002203	0.7195070
Pulmonary	0.0515419	0.0535242	-0.0089660	NA	0.0019824	0.0019824	0.4492950
Other	0.1823789	0.1788546	0.0091264	NA	0.0035242	0.0035242	0.7072982
Trauma	0.0599119	0.0629956	-0.0129937	NA	0.0030837	0.0030837	0.4789091
Cerebral	0.1359031	0.1348018	0.0032138	NA	0.0011013	0.0011013	0.6305467

eCDF = empirical cumulative distribution function