

Appendix 4 (as submitted by authors): Supplementary table

Table A2. Propensity score model diagnostics, before and after weighting by inverse probability weighting using the estimated propensity score and entropy balancing score

Variable	Mean and Standardized Bias of Unmatched Sample				Means and Standardized Bias After Matching by Propensity Score (IPW)					
	PEM	FFS	P-value	% Bias	PEM	FFS	P-value	% Bias	% Reduction in Bias	
Patient Characteristics										
Age (5-year)	8.826	8.887	0.0000	-1.4	8.826	8.836	0.47	-0.2	83.8	
Female (%)	0.565	0.562	0.000	4.6	0.565	0.563	0.25	0.4	92.3	
Low-Income (%)	0.368	0.434	0.000	-13.7	0.368	0.368	0.66	-0.1	99.0	
Number of ADGs	3.610	3.644	0.000	-1.3	3.610	3.622	0.11	-0.5	63.2	
Number of Very Urgent ED Visits	3.223	3.145	0.67	0.1	3.223	3.298	0.69	-0.1	3.7	
Number of Urgent ED Visits	11.326	11.161	0.65	0.1	11.326	11.614	0.44	-0.2	-75.4	
Number of Less-Urgent ED Visits	13.258	12.895	0.37	0.3	13.258	13.474	0.60	-0.2	40.1	
Physician Characteristics										
Age	49.702	52.147	0.000	-24.0	49.702	49.644	0.04	0.6	97.6	
Age-Squared	2555.3	2841.9	0.000	-26.8	2555.3	2552.1	0.28	0.3	98.9	
Years Since Graduation	23.424	25.638	0.000	-21.4	23.424	23.352	0.01	0.7	96.7	
Years Since Graduation-Squared	637.65	783.24	0.000	-26.5	637.65	636.13	0.31	0.3	99.0	
Female (%)	0.292	0.284	0.000	1.7	0.292	0.286	0.000	1.3	25.2	
IMG (%)	0.135	0.255	0.000	-30.6	0.135	0.134	0.69	0.1	99.6	
	Means and Standardized Bias After Matching by Propensity Score (CBPS)					Means and Standardized Bias After Matching by Propensity Score (CBPS)				
	PEM	FFS	P-value	% Bias	% Reduction in Bias	PEM	FFS	P-value	% Bias	% Reduction in Bias
Patient Characteristics										
Age (5-year)	8.826	8.826	1.00	0.0	100.0	8.826	8.826	0.98	-0.0	99.7
Female (%)	0.565	0.565	1.00	0.0	100.0	0.565	0.565	0.99	0.0	100.0
Low-Income (%)	0.368	0.368	1.00	0.0	100.0	0.368	0.368	0.99	-0.0	100.0
Number of ADGs	3.610	3.610	1.00	0.0	100.0	3.610	3.610	1.00	-0.0	99.9
Number of Very Urgent ED Visits	3.223	3.223	1.00	0.0	100.0	3.223	3.223	1.00	-0.0	100.0
Number of Urgent ED Visits	11.326	11.326	1.00	0.0	100.0	11.326	11.326	1.00	0.0	100.0
Number of Less-Urgent ED Visits	13.258	13.258	1.00	0.0	100.0	13.258	13.257	1.00	0.0	99.9
Physician Characteristics										
Age	49.702	49.702	1.00	0.0	100.0	49.702	49.706	0.86	-0.0	99.9
Age-Squared	2555.3	2555.3	1.00	0.0	100.0	2555.3	2555.6	0.84	-0.0	99.9
Years Since Graduation	23.424	23.424	1.00	0.0	100.0	23.424	23.427	0.87	-0.0	99.9

Years Since Graduation-Squared	637.65	637.65	1.00	0.0	100.0	637.65	638.85	0.84	-0.0	99.9
Female (%)	0.292	0.292	1.00	0.0	100.0	0.292	0.293	0.98	0.0	99.7
IMG (%)	0.135	0.135	1.00	0.0	100.0	0.135	0.135	0.92	-0.0	99.9

ADG: Aggregated Diagnosis Groups; ED: Emergency Department; IMG: International Medical Graduate