	Table 1: Descriptive	Statistics by	Treatment (Groups (Categorical	variables
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Variable	Levels	$ \mathbf{n_{no}} $	$\%_{\mathbf{no}}$	$\begin{vmatrix} \mathbf{n_{full}} \end{vmatrix}$	$\%_{\mathbf{full}}$	$\mid \mathbf{n_{partial}} \mid$	$\%_{ extsf{partial}}$		$\%_{ m All}$
VYEAR	2008	169316	35.2	85869	27.3	57148	35.9	312333	$\frac{70 \text{All}}{32.7}$
VILITI	2009	159231	33.1	106551	33.9	61915	38.9	327697	34.4
	2010	152098	31.6	121813	38.8	39967	25.1	313878	32.9
p < 0.0001	all	480645	100.0	314233	100.0	159030	100.0	953908	100.0
OWNS	1	413518	86.0	229146	72.9	123852	77.9	766516	80.4
	2	1431	0.3	17814	5.7	2881	1.8	22126	2.3
	3	13950	2.9	11443	3.6	7100	4.5	32493	3.4
	4	13269	2.8	10209	3.2	4671	2.9	28149	3.0
	5	12584	2.6	10309	3.3	6340	4.0	29233	3.1
	6	20246	4.2	28058	8.9	10653	6.7	58957	6.2
	7	5647	1.2	7254	2.3	3533	2.2	16434	1.7
p < 0.0001	all	480645	100.0	314233	100.0	159030	100.0	953908	100.0
MSA	1	432514	90.0	281217	89.5	140373	88.3	854104	89.5
	2	48131	10.0	33016	10.5	18657	11.7	99804	10.5
p < 0.0001	all	480645	100.0	314233	100.0	159030	100.0	953908	100.0
MANCAREC	1	68873	14.3	23113	7.4	18497	11.6	110483	11.6
	2	46776	9.7	32378	10.3	15552	9.8	94706	9.9
	3	172372	35.9	97045	30.9	54721	34.4	324138	34.0
	4	192624	40.1	161697	51.5	70260	44.2	424581	44.5
p < 0.0001	all	480645	100.0	314233	100.0	159030	100.0	953908	100.0
SPECR	1	75910	15.8	77340	24.6	25888	16.3	179138	18.8
	3	62290	13.0	49404	15.7	19150	12.0	130844	13.7
	4	52183	10.9	30922	9.8	16420	10.3	99525	10.4
	5	20132	4.2	8503	2.7	5460	3.4	34095	3.6
	6	38835	8.1	24674	7.8	13170	8.3	76679	8.0
	7	20707	4.3	17634	5.6	9200	5.8	47541	5.0
	8	17515	3.6	12528	4.0	11208	7.0	41251	4.3
	9	14091	2.9	4885	1.6	2294	1.4	21270	2.2
	10	9163	1.9	7552	2.4	3384	2.1	20099	2.1
	11	36191	7.5	7216	2.3	7281	4.6	50688	5.3
	12	10915	2.3	5461	1.7	3330	2.1	19706	2.1
	13	24470	5.1	5801	1.9	8303	5.2	38574	4.0
	14	8539	1.8	5883	1.9	2469	1.6	16891	1.8
	15	87113	18.1	53544	17.0	29426	18.5	170083	17.8
	16	2591	0.5	2886	0.9	2047	1.3	7524	0.8
p < 0.0001	all	480645	100.0	314233	100.0	159030	100.0	953908	100.0
REGION	1	100439	20.9	60762	19.3	36078	22.7	197279	20.7
	2	103729	21.6	64325	20.5	31253	19.6	199307	20.9
	3	173896	36.2	103356	32.9	55115	34.7	332367	34.8
p < 0.0001	4 all	102581 480645	21.3 100.0	85790 314233	27.3 100.0	36584 159030	23.0 100.0	224955 953908	23.6 100.0
				1					
SOLO	0	280577	58.4	250090	79.6	109011	68.5	639678	67.1
p < 0.0001	all	200068 480645	41.6	64143 314233	20.4	50019 159030	31.4	314230 953908	$\frac{32.9}{100.0}$
p < 0.0001	an	400040	100.0	014200	100.0	199090	100.0	900800	100.0

Table 2: Descriptive Statistics by Treatment Groups (Continuous variables)

Variable	Levels	.cs by 11 n	eaumenu x	Groups s	Min	illuous x	Max
TIMEMD	No	480645	22.3	12.8	0.0	19.4	240.0
THILLIE	Full	314233	21.7	8.8	0.0	19.8	73.3
	Partial	159030	21.9	9.1	0.0	20.0	62.9
	all	953908	22.0	11.0	0.0	19.6	240.0
RETAPPT_pct	No	480645	0.7	0.3	0.0	0.8	1.0
	Full	314233	0.7	0.3	0.0	0.8	1.0
	Partial	159030	0.7	0.3	0.0	0.8	1.0
	all	953908	0.7	0.3	0.0	0.8	1.0
PAYPRIV_pct	No	480645	0.6	0.3	0.0	0.7	1.0
•	Full	314233	0.6	0.3	0.0	0.7	1.0
	Partial	159030	0.6	0.3	0.0	0.7	1.0
	all	953908	0.6	0.3	0.0	0.7	1.0
PAYMCARE_pct	No	480645	0.2	0.2	0.0	0.2	1.0
1	Full	314233	0.2	0.2	0.0	0.2	1.0
	Partial	159030	0.3	0.2	0.0	0.3	1.0
	all	953908	0.2	0.2	0.0	0.2	1.0
PAYMCAID_pct	No	480645	0.1	0.2	0.0	0.0	1.0
1	Full	314233	0.1	0.2	0.0	0.0	1.0
	Partial	159030	0.1	0.2	0.0	0.1	1.0
	all	953908	0.1	0.2	0.0	0.0	1.0
PAYWKCMP_pct	No	480645	0.0	0.1	0.0	0.0	1.0
•	Full	314233	0.0	0.1	0.0	0.0	1.0
	Partial	159030	0.0	0.1	0.0	0.0	1.0
	all	953908	0.0	0.1	0.0	0.0	1.0
PAYSELF_pct	No	480645	0.1	0.2	0.0	0.0	1.0
•	Full	314233	0.0	0.1	0.0	0.0	1.0
	Partial	159030	0.1	0.2	0.0	0.0	1.0
	all	953908	0.1	0.2	0.0	0.0	1.0
Avg_Patient_Age	No	480645	46.3	18.5	1.4	50.0	84.7
	Full	314233	46.4	17.8	1.8	50.6	85.0
	Partial	159030	48.1	19.2	2.0	53.4	94.3
	all	953908	46.6	18.4	1.4	50.7	94.3
NOCHRON_pct	No	480645	0.5	0.3	0.0	0.4	2.0
	Full	314233	0.4	0.3	0.0	0.4	1.9
	Partial	159030	0.4	0.3	0.0	0.4	1.9
	all	953908	0.5	0.3	0.0	0.4	2.0
TOTCHRON_mean	No	480645	1.1	0.9	0.0	1.0	8.3
	Full	314233	1.3	0.9	0.0	1.2	4.7
	Partial	159030	1.3	0.9	0.0	1.2	4.0
	all	953908	1.2	0.9	0.0	1.1	8.3
HealthEdu_pct	No	480645	0.4	0.3	0.0	0.3	1.0
	Full	314233	0.4	0.3	0.0	0.4	1.0
	Partial	159030	0.4	0.3	0.0	0.4	1.0
	all	953908	0.4	0.3	0.0	0.4	1.0
psweight	No	480645	774.1	510.3	2.8	640.3	3053.8
	Full	314233	1068.0	729.1	9.2	924.8	6477.1
	Partial	159030	2237.7	1358.9	5.8	1970.9	6647.0
	all	953908	1114.9	940.0	2.8	856.0	6647.0

Table 3: Estimated effect of EMR adoption with multinomial propensity score weighted OLS models $\,$

	Dependent variable:				
	Health Education	Time Spent with MD	Returned Appointment Rate		
	(1)	(2)	(3)		
Full EMR	0.034*	0.222	-0.031**		
	(0.018)	(0.532)	(0.015)		
Partial EMR	0.033	0.189	-0.008		
	(0.020)	(0.574)	(0.018)		
SOLO	-0.007	2.158***	0.023		
	(0.020)	(0.545)	(0.015)		
HMO	0.074^{*}	0.647	-0.142^{***}		
	(0.043)	(0.971)	(0.049)		
Community health center	$0.007^{'}$	-3.222^{***}	0.031		
	(0.028)	(0.676)	(0.023)		
Medical/academic health center	$-0.015^{'}$	3.993*	0.074^{*}		
,	(0.049)	(2.081)	(0.040)		
Other hospital	$0.037^{'}$	-1.920***	$0.033^{'}$		
r	(0.047)	(0.644)	(0.029)		
Other health care corporation	0.005	0.223	-0.071^{**}		
•	(0.035)	(0.775)	(0.030)		
Other owner type	0.029	3.438	$0.030^{'}$		
	(0.050)	(2.094)	(0.052)		
MCC less than 3	-0.008	-1.894	0.030		
	(0.040)	(1.319)	(0.032)		
MCC 3-10	-0.048	-4.217^{***}	0.020		
	(0.032)	(1.119)	(0.028)		
MCC greater than 10	-0.063**	-5.571^{***}	0.003		
	(0.031)	(1.088)	(0.028)		
factor(VYEAR)2009	0.033*	-0.385	0.031*		
, , , , , ,	(0.019)	(0.528)	(0.016)		
factor(VYEAR)2010	0.075***	0.576	0.033*		
((0.021)	(0.573)	(0.017)		
Constant	0.411***	25.074***	0.679***		
	(0.031)	(1.102)	(0.026)		
Observations	3,619	3,619	3,619		
Log Likelihood	-2,048.801	-14,216.760	-1,394.416		
Akaike Inf. Crit.	4,127.603	28,463.530	2,818.832		

Note: *p<0.1; **p<0.05; ***p<0.01

Table 4: Estimated effect of EMR adoption with multinomial propensity score weighted OLS models (without covariate controls)

	$Dependent\ variable:$				
	Health Education	Time Spent with MD	Returned Appointment Rate		
	(1)	(2)	(3)		
Full EMR	0.037**	-0.038	-0.035^{**}		
	(0.018)	(0.538)	(0.014)		
Partial EMR	0.034^{*}	0.054	-0.011		
	(0.020)	(0.593)	(0.018)		
Constant	0.401***	21.821***	0.719***		
	(0.010)	(0.345)	(0.009)		
Observations	3,619	3,619	3,619		
Log Likelihood	-2,072.498	-14,331.300	-1,423.651		
Akaike Inf. Crit.	4,150.996	28,668.600	2,853.302		

Note:

*p<0.1; **p<0.05; ***p<0.01

Table 5: Estimated effect of EMR adoption with multinomial propensity score weighted OLS models (with all covariate controls)

	Dependent variable:				
	Health Education	Time Spent with MD	Returned Appointment Rate		
	(1)	(2)	(3)		
Full EMR	0.034**	0.353	-0.020		
	(0.017)	(0.472)	(0.013)		
Partial EMR	0.034^{*}	0.213	-0.012		
	(0.019)	(0.519)	(0.016)		
SOLO	0.001	1.384***	0.024^{*}		
	(0.019)	(0.480)	(0.014)		
HMO	0.069	0.679	-0.076		
	(0.043)	(0.806)	(0.047)		
Community health center	0.017	-2.525^{***}	0.117^{***}		
	(0.034)	(0.909)	(0.027)		
Medical/academic health center	-0.016	2.618	0.064^*		
	(0.048)	(2.036)	(0.034)		
Other hospital	0.004	-1.398	0.064^{**}		
	(0.043)	(0.882)	(0.026)		
Other health care corporation	-0.010	-0.038	-0.039		
	(0.032)	(0.708)	(0.026)		
Other owner type	$0.052^{'}$	0.382	-0.048		
V -	(0.049)	(1.834)	(0.049)		
Non-MSA	$0.035^{'}$	1.624**	$-0.035^{'}$		
	(0.026)	(0.723)	(0.022)		
MCC less than 3	$-0.029^{'}$	0.218	0.036		
	(0.037)	(1.015)	(0.029)		
MCC 3-10	-0.071**	-1.206	0.012		
	(0.029)	(0.793)	(0.026)		
MCC greater than 10	-0.076^{***}	-2.233^{***}	-0.007		
.iee grower man io	(0.029)	(0.769)	(0.027)		
Internal medicine	0.005	2.115***	-0.004		
internal internal	(0.032)	(0.818)	(0.028)		
Pediatrics	0.180***	-0.528	0.118***		
Calaures	(0.039)	(1.438)	(0.036)		
General surgery	-0.030	1.474**	0.074***		
Scherar surgery	(0.035)	(0.683)	(0.028)		
Obstetrics and gynecology	0.138***	1.529	0.288***		
obstetrics and gynecology	(0.032)	(0.989)	(0.027)		
Orthopedic surgery	-0.016	0.736	0.137***		
of thopedic surgery					
Candiarragulan diaggas	$(0.036) \\ -0.046$	(0.827)	$(0.025) \\ 0.151^{***}$		
Cardiovascular diseases		1.472*			
Dawa a 4 alla	$(0.036) \\ 0.111**$	(0.840)	(0.026)		
Dermatology		0.501	0.179***		
Unalamı	(0.046)	(0.971)	(0.029)		
Urology	-0.033	1.280	0.246***		
D 1: /	(0.035)	(0.796)	(0.023)		
Psychiatry	0.065	12.733***	0.373***		
NT 1	(0.045)	(1.502)	(0.027)		
Neurology	0.026 5	11.589***	0.182***		
2.1.1.1.1	(0.042)	(1.061)	(0.029)		
Ophthalmology	-0.053	1.006	0.225***		
2. 1	(0.041)	(1.028)	(0.031)		
Otolaryngology	-0.072**	0.941	0.098***		
	(0.036)	(0.723)	(0.029)		
Other specialties	0.039	6.978^{***}	0.114^{***}		
	(0.029)	(0.920)	(0.025)		
Oncology	-0.253***	8.111***	0.233***		
	(0.054)	(2.221)	(0.032)		
Midwest	-0.071^{***}	-1.936^{***}	-0.021		

Table 6: Estimated effect of full EMR adoption with propensity score weighted OLS models

	$Dependent\ variable:$				
	Health Education	Time Spent with MD	Returned Appointment Rate		
	(1)	(2)	(3)		
Full EMR	0.045**	0.312	-0.029*		
	(0.019)	(0.566)	(0.015)		
SOLO	0.005	2.401***	0.029^{*}		
	(0.021)	(0.622)	(0.017)		
HMO	0.049	$0.636^{'}$	-0.099^{**}		
	(0.043)	(1.229)	(0.049)		
Community health center	$-0.010^{'}$	-2.933^{***}	$0.006^{'}$		
J	(0.029)	(0.928)	(0.031)		
Medical/academic health center	$0.044^{'}$	$4.526^{ ext{*}}$	0.061		
,	(0.056)	(2.582)	(0.039)		
Other hospital	$-0.010^{'}$	$-0.963^{'}$	0.018		
r	(0.042)	(0.903)	(0.036)		
Other health care corporation	$0.025^{'}$	0.406	-0.071**		
r	(0.039)	(0.826)	(0.032)		
Other owner type	0.037	4.267^{*}	-0.015		
5	(0.055)	(2.413)	(0.065)		
MCC less than 3	0.006	-3.636**	-0.006		
	(0.045)	(1.592)	(0.033)		
MCC 3-10	-0.037	-5.195***	-0.017		
	(0.039)	(1.504)	(0.028)		
MCC greater than 10	-0.080**	-6.270^{***}	-0.023		
8	(0.038)	(1.464)	(0.028)		
Constant	0.443***	25.762***	0.723***		
	(0.034)	(1.363)	(0.026)		
Observations	2,999	2,999	2,999		
Log Likelihood	-1,624.108	-11,843.780	-1,110.281		
Akaike Inf. Crit.	3,272.216	23,711.550	2,244.561		

Note: *p<0.1; **p<0.05; ***p<0.01

Table 7: Estimated effect of partial EMR adoption with propensity score weighted OLS models $\,$

	$Dependent\ variable:$				
	Health Education	Time Spent with MD	Returned Appointment Rate		
	(1)	(2)	(3)		
Partial EMR	0.026	0.057	-0.002		
	(0.021)	(0.606)	(0.017)		
SOLO	-0.006	3.158***	0.035**		
	(0.023)	(0.678)	(0.018)		
HMO	0.117^{*}	-0.226	-0.150^{**}		
	(0.067)	(1.411)	(0.075)		
Community health center	$0.007^{'}$	-2.921^{***}	$0.028^{'}$		
v	(0.033)	(0.748)	(0.025)		
Medical/academic health center	$0.086^{'}$	5.515 [*]	0.080^{*}		
,	(0.056)	(3.314)	(0.046)		
Other hospital	0.028	-2.583^{***}	$0.023^{'}$		
•	(0.049)	(0.828)	(0.035)		
Other health care corporation	$0.034^{'}$	$-0.055^{'}$	-0.065^{*}		
•	(0.044)	(0.872)	(0.038)		
Other owner type	$0.093^{'}$	4.846^{*}	$-0.007^{'}$		
. .	(0.059)	(2.793)	(0.074)		
MCC less than 3	0.017	$-2.473^{'}$	0.008		
	(0.047)	(1.700)	(0.034)		
MCC 3-10	-0.016	-5.378***	0.001		
	(0.033)	(1.308)	(0.029)		
MCC greater than 10	$-0.012^{'}$	-6.828^{***}	$-0.016^{'}$		
0	(0.034)	(1.295)	(0.029)		
Constant	0.402***	25.788***	0.718***		
	(0.032)	(1.327)	(0.027)		
Observations	2,473	2,473	2,473		
Log Likelihood	-1,399.123	-9,906.268	-915.909		
Akaike Inf. Crit.	2,822.247	19,836.540	1,855.819		

*p<0.1; **p<0.05; ***p<0.01

Table 8: Effect of fully EMR adoption on health care outcomes (PSM)

	$Dependent\ variable:$				
	Health Education	Time Spent with MD	Returned Appointment Rate		
	(1)	(2)	(3)		
Full EMR	0.043***	0.454	-0.007		
	(0.015)	(0.401)	(0.012)		
SOLO	$-0.020^{'}$	2.603***	0.038***		
	(0.017)	(0.458)	(0.014)		
HMO	$0.017^{'}$	1.699	-0.088^{**}		
	(0.044)	(1.193)	(0.037)		
Community health center	$0.017^{'}$	-2.204^{***}	-0.022		
,	(0.027)	(0.730)	(0.023)		
Medical/academic health center	$0.047^{'}$	5.386***	0.046		
,	(0.044)	(1.198)	(0.037)		
Other hospital	$0.034^{'}$	$0.270^{'}$	0.014		
•	(0.043)	(1.162)	(0.036)		
Other health care corporation	0.012	$1.071^{'}$	-0.077^{***}		
•	(0.030)	(0.808)	(0.025)		
Other owner type	$0.046^{'}$	4.818***	0.015		
V 2	(0.051)	(1.381)	(0.043)		
MCC less than 3	$0.031^{'}$	-1.577^{*}	$0.022^{'}$		
	(0.032)	(0.856)	(0.026)		
MCC 3-10	$-0.025^{'}$	-3.191^{***}	$-0.005^{'}$		
	(0.026)	(0.702)	(0.022)		
MCC greater than 10	-0.059^{**}	-3.948^{***}	-0.002		
_	(0.026)	(0.692)	(0.021)		
Constant	0.423***	23.104***	0.705***		
	(0.026)	(0.692)	(0.021)		
Observations	2,292	2,292	2,292		
\mathbb{R}^2	0.014	0.052	0.014		
Adjusted R^2	0.009	0.047	0.009		
Residual Std. Error ($df = 2280$)	0.341	9.206	0.285		
F Statistic (df = 11 ; 2280)	2.939***	11.341***	2.930***		

*p<0.1; **p<0.05; ***p<0.01

Table 9: Effect of partially EMR adoption on health care outcomes (PSM)

	Dependent variable:					
	Health Education	Time Spent with MD	Returned Appointment Rate			
	(1)	(2)	(3)			
Partial EMR	0.006	-0.186	0.022			
	(0.020)	(0.551)	(0.016)			
SOLO	-0.018	2.715^{***}	0.039**			
	(0.022)	(0.605)	(0.018)			
HMO	0.154^{*}	1.382	-0.132**			
	(0.084)	(2.271)	(0.066)			
Community health center	0.086**	-2.541**	0.0002			
	(0.038)	(1.035)	(0.030)			
Medical/academic health center	0.115^{*}	4.279***	0.024			
,	(0.060)	(1.641)	(0.048)			
Other hospital	0.079	-2.044	0.023			
-	(0.055)	(1.500)	(0.044)			
Other health care corporation	0.077^{*}	1.668	-0.051			
	(0.045)	(1.235)	(0.036)			
Other owner type	$0.107^{'}$	$1.344^{'}$	0.008			
V 1	(0.074)	(2.015)	(0.059)			
MCC less than 3	$0.007^{'}$	-1.979^{*}	0.018			
	(0.042)	(1.154)	(0.034)			
MCC 3-10	$0.004^{'}$	-4.172^{***}	0.019			
	(0.033)	(0.892)	(0.026)			
MCC greater than 10	$-0.010^{'}$	-5.576^{***}	-0.006			
	(0.033)	(0.884)	(0.026)			
Constant	0.393***	24.928***	0.708***			
	(0.033)	(0.885)	(0.026)			
Observations	1,240	1,240	1,240			
R^2	0.016	0.076	0.013			
Adjusted R ²	0.007	0.068	0.004			
Residual Std. Error ($df = 1228$)	0.349	9.470	0.277			
F Statistic ($df = 11; 1228$)	1.781*	9.214^{***}	1.445			

Note: p < 0.1; **p < 0.05; ***p < 0.01