Data Supplement S2. eTables showing effect measures for each covariate by conditional logistic regression analysis on propensity score matched samples using calipers from 0.05 to 0.18 in trauma scene patients transported by all helicopters and trauma center helicopters

eTable 1a. Matched Pairs, Effect measures, All Helicopters, Caliper = 0.05

Sample Sizes Showing Matched Pairs

	Control	Treated
All	580	469
Matched	329	329
Unmatched	251	140
Discarded	0	0

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I. for EXP(B) Lower	Upper
Step 1[a]	transgrp(1)	.932	.444	4.405	1	.036	2.539	1.064	6.061
	gcs2grp1(1)	1.654	.557	8.821	1	.003	5.229	1.755	15.578
	sbp2grp1(1)	1.536	.715	4.624	1	.032	4.648	1.146	18.858
	rr2grp1(1)	2.206	.545	16.368	1	.000	9.082	3.119	26.449
	p2	-.015	.009	2.867	1	.090	.986	.969	1.002
	icu1(1)	.881	.608	2.096	1	.148	2.412	.732	7.946
	edor(1)	.263	.716	.135	1	.713	1.301	.320	5.291
	vent(1)	.701	.526	1.776	1	.183	2.016	.719	5.651
	Constant	-4.266	.970	19.333	1	.000	.014		

a. Variable(s) entered on step 1: transgrp, gcs2grp1, sbp2grp1, rr2grp1, p2, icu1, edor, vent.

Explanation for abbreviations of variables in the equation:
transgrp (1) = transport group (1=Referent, Helicopter)
gcs2grp (1) = ED GCS group (1=Referent, GCS, ≥ 14) (ED=Emergency Department)
sbp2grp1(1) = ED systolic blood pressure (1=Referent ≥90)
rr2grp1(1) = ED respiratory rate (1 =Referent, Normal)
p2 = ED pulse rate
icu1(1) = Intensity Care Unit admission from ED (1= Referent, No)
edor (1) = The need for Urgent operation (1= Referent, No)
vent (1) = Mechanical ventilation (1= Referent, No)

eTable 1b. Matched Pairs, Effect measures All Helicopters, Caliper = 0.10

Sample Sizes Showing Matched Pairs

	Control	Treated
All	580	469
Matched	338	338
Unmatched	242	131
Discarded	0	0

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I. for EXP(B)	
								Lower	Upper
Step 1[a]	transgrp(1)	1.237	.450	7.540	1	.006	3.445	1.425	8.328
	gcs2grp1(1)	1.206	.557	4.682	1	.030	3.340	1.120	9.958
	sbp2grp1(1)	1.843	.727	6.433	1	.011	6.315	1.520	26.236
	rr2grp1(1)	2.034	.550	13.691	1	.000	7.644	2.603	22.449
	p2	-.012	.008	1.871	1	.171	.989	.972	1.005
	icu1(1)	1.254	.645	3.780	1	.052	3.504	.990	12.405
	edor(1)	.587	.731	.644	1	.422	1.798	.429	7.534
	vent(1)	.422	.493	.735	1	.391	1.525	.581	4.005
	Constant	-4.795	.973	24.304	1	.000	.008		

a. Variable(s) entered on step 1: transgrp, gcs2grp1, sbp2grp1, rr2grp1, p2, icu1, edor, vent.

eTable 1c. Matched Pairs, Effect measures, All Helicopters, Caliper = 0.15

Sample Sizes Showing Matched Pairs

	Control	Treated
All	580	469
Matched	349	349
Unmatched	231	120
Discarded	0	0

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I. for EXP(B) Lower	Upper
Step 1[a]	transgrp(1)	1.092	.406	7.241	1	.007	2.981	1.345	6.607
	gcs2grp1(1)	1.466	.514	8.139	1	.004	4.331	1.582	11.854
	sbp2grp1(1)	1.583	.697	5.157	1	.023	4.868	1.242	19.077
	rr2grp1(1)	1.964	.490	16.062	1	.000	7.127	2.728	18.622
	p2	-.011	.008	2.080	1	.149	.989	.975	1.004
	icu1(1)	1.397	.619	5.090	1	.024	4.044	1.201	13.611
	edor(1)	.797	.697	1.306	1	.253	2.218	.566	8.697
	vent(1)	.417	.441	.893	1	.345	1.517	.639	3.603
	Constant	-4.817	.916	27.665	1	.000	.008		

a. Variable(s) entered on step 1: transgrp, gcs2grp1, sbp2grp1, rr2grp1, p2, icu1, edor, vent.

eTable 1d. Matched Pairs, Effect measures, All Helicopters, Caliper = 0.18

Sample Sizes Showing Matched Pairs

	Control	Treated
All	580	469
Matched	353	353
Unmatched	227	116
Discarded	0	0

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I. for EXP(B) Lower	Upper
Step 1[a]	Transgrp (1)	0.989	0.407	5.898	1	0.015	2.689	1.210	5.974
	gcs2grp1(1)	1.811	0.542	11.156	1	0.001	6.116	2.113	17.700
	sbp2grp1(1)	1.753	0.703	6.222	1	0.013	5.771	1.456	22.878
	rr2grp1(1)	1.606	0.500	10.321	1	0.001	4.983	1.871	13.274
	p2	-0.008	0.007	1.067	1	0.302	0.992	0.978	1.007
	icu1(1)	1.487	0.685	4.715	1	0.030	4.425	1.156	16.938
	edor (1)	1.043	0.756	1.901	1	0.168	2.836	0.644	12.488
	vent (1)	0.639	0.444	2.073	1	0.150	1.895	0.794	4.523
	Constant	-5.395	0.982	30.169	1	0.000	0.005		

eTable 2a. Matched Pairs, Effect measures, Trauma Center Helicopters, Caliper = 0.05

Sample Sizes Showing Matched Pairs

	Control	Treated
All	580	437
Matched	309	309
Unmatched	271	128
Discarded	0	0

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I. for EXP(B) Lower	Upper
Step 1[a]	transgrp (1)	.748	.419	3.191	1	.074	2.113	.930	4.803
	gcs2grp1(1)	1.621	.576	7.920	1	.005	5.060	1.636	15.653
	sbp2grp1(1)	1.819	.755	5.797	1	.016	6.165	1.402	27.100
	rr2grp1(1)	2.023	.540	14.045	1	.000	7.559	2.624	21.772
	p2	-.012	.008	2.311	1	.128	.988	.972	1.004
	icu1(1)	1.564	.712	4.825	1	.028	4.776	1.183	19.274
	edor (1)	1.389	.781	3.164	1	.075	4.011	.868	18.538
	vent (1)	.520	.466	1.244	1	.265	1.682	.675	4.193
	Constant	-4.890	1.006	23.627	1	.000	.008		

a. Variable(s) entered on step 1: transgrp, gcs2grp1, sbp2grp1, rr2grp1, p2, icu1, edor, vent.

eTable 2b. Matched Pairs, Effect measures, Trauma Center Helicopters, Caliper = 0.10

Sample Sizes Showing Matched Pairs

	Control	Treated
All	580	437
Matched	315	315
Unmatched	265	122
Discarded	0	0

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B) Lower	Upper
Step 1[a]	transgrp (1)	1.178	.450	6.841	1	.009	3.247	1.343	7.850
	gcs2grp1(1)	1.527	.555	7.569	1	.006	4.603	1.551	13.660
	sbp2grp1(1)	1.133	.708	2.563	1	.109	3.104	.776	12.426
	rr2grp1(1)	2.222	.543	16.745	1	.000	9.223	3.182	26.730
	p2	-.014	.008	2.953	1	.086	.986	.970	1.002
	icu1(1)	1.380	.708	3.796	1	.051	3.974	.992	15.920
	edor (1)	1.389	.761	3.328	1	.068	4.009	.902	17.821
	vent (1)	.558	.489	1.302	1	.254	1.748	.670	4.561
	Constant	-4.912	1.026	22.908	1	.000	.007		

a. Variable(s) entered on step 1: transgrp, gcs2grp1, sbp2grp1, rr2grp1, p2, icu1, edor, vent.

eTable 2c. Matched Pairs, Effect measures, Trauma Center Helicopters, Caliper = 0.15

Sample Sizes Showing Matched Pairs

	Control	Treated
All	580	437
Matched	323	323
Unmatched	257	114
Discarded	0	0

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I. for EXP(B) Lower	Upper
Step 1[a]	transgrp (1)	1.098	.437	6.329	1	.012	2.999	1.275	7.058
	gcs2grp1(1)	1.383	.576	5.769	1	.016	3.987	1.290	12.327
	sbp2grp1(1)	1.222	.689	3.147	1	.076	3.395	.880	13.099
	rr2grp1(1)	2.196	.561	15.339	1	.000	8.993	2.996	26.996
	p2	-.015	.008	3.541	1	.060	.985	.969	1.001
	icu1(1)	1.109	.641	2.994	1	.084	3.031	.863	10.641
	edor (1)	.997	.709	1.978	1	.160	2.709	.675	10.869
	vent (1)	.518	.485	1.140	1	.286	1.678	.649	4.338
	Constant	-4.446	.964	21.287	1	.000	.012		

a. Variable(s) entered on step 1: transgrp, gcs2grp1, sbp2grp1, rr2grp1, p2, icu1, edor, vent.

eTable 2d. Matched Pairs, Effect measures, Trauma Center Helicopters, Caliper = 0.18

Sample Sizes Showing Matched Pairs

	Control	Treated
All	580	437
Matched	330	330
Unmatched	250	107
Discarded	0	0

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I. for EXP(B) Lower	Upper
Step 1[a]	transgrp (1)	1.026	0.425	5.820	1	0.016	2.789	1.212	6.417
	gcs2grp1(1)	1.304	0.590	4.877	1	0.027	3.684	1.158	11.718
	sbp2grp1(1)	1.954	0.707	7.640	1	0.006	7.058	1.766	28.212
	rr2grp1(1)	2.236	0.578	14.951	1	0.000	9.360	3.013	29.081
	p2	-0.015	0.008	3.368	1	0.066	0.985	0.970	1.001
	icu1(1)	0.969	0.622	2.425	1	0.119	2.635	0.778	8.924
	edor (1)	0.948	0.683	1.929	1	0.165	2.581	0.677	9.834
	vent (1)	0.776	0.475	2.666	1	0.103	2.173	0.856	5.519
	Constant	-4.445	0.926	23.039	1	0.000	0.012		

a. Variable(s) entered on step 1: transgrp, gcs2grp1, sbp2grp1, rr2grp1, p2, icu1, edor, vent.