

Table A1 Results of Balance and Bias Reduction Achieved per Each Propensity Score Variable

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Variable (Pre-Index)	Unmatched Matched	Mean		%bias	%reduct bias	t-test		V _e (T) / V _e (C)
		LT	MM			t	p> t	
Ln(N of HAE)	U	1.5081	.85468	124.6		8.31	0.000	2.56**
	M	1.2264	.99374	44.4	64.4	1.52	0.132	1.00
% NH ₄ >399 μmol/L	U	.29747	.21938	20.9		1.43	0.153	0.78*
	M	.35435	.36923	-4.0	80.9	-0.13	0.900	0.85
Parent Edu (No College)	U	.21782	.10465	31.0		2.09	0.038	1.89*
	M	.27586	.21397	16.9	45.3	0.49	0.624	1.14
Parent Edu (Not Provided)	U	.26733	.5	-49.0		-3.36	0.001	0.75*
	M	.34483	.39994	-11.6	76.3	-0.40	0.688	0.89
Parent Edu (Some College)	U	.16832	.09302	22.4		1.51	0.133	1.39*
	M	.06897	.05673	3.6	83.7	0.17	0.864	1.12
Birth Decade	U	2.1485	1.8488	34.2		2.37	0.019	0.56*
	M	2.1207	2.1335	-1.5	95.7	-0.06	0.951	0.94
Ln(Max. HAE LOS)	U	3.0537	2.5174	59.9		4.06	0.000	1.18
	M	2.863	2.8145	5.4	91.0	0.18	0.858	1.16
UCD Type (Proximal v. Distal)	U	.52475	.33721	38.4		2.61	0.010	1.12
	M	.53448	.46734	13.7	64.2	0.47	0.639	0.98
% NH ₄ 150-399 μmol/L	U	.33002	.17409	45.3		3.09	0.002	0.81
	M	.27922	.23676	12.3	72.8	0.42	0.679	0.83
Ln(N of HAE LOS > 8days)	U	.72825	.45272	73.0		4.94	0.000	1.04
	M	.5538	.55296	0.2	99.7	0.01	0.993	1.18
Birth Decade ²	U	5.1188	4.4302	22.3		1.53	0.129	0.79*
	M	5.0172	5.0837	-2.2	90.3	-0.08	0.936	0.96
Ln(Max. HAE LOS) ²	U	10.213	7.0341	63.1		4.24	0.000	1.90*
	M	9.1285	8.6955	8.6	86.4	0.28	0.783	1.62*
Ln(N of HAE) x No College	U	.35183	.10373	43.6		2.90	0.004	4.28**
	M	.42718	.26342	28.8	34.0	0.78	0.440	1.51*
Birth Decade x %NH ₄ 150-399 μmol/L	U	.72376	.38837	40.3		2.77	0.006	0.69*
	M	.60629	.5129	11.2	72.2	0.39	0.696	0.86
Ln(Max. HAE LOS) x Some College	U	.53322	.19585	34.1		2.27	0.024	2.52**
	M	.17836	.15835	2.0	94.1	0.11	0.915	0.97
UCD Type x Ln(N of HAE LOS > 8days)	U	.41359	.1612	64.0		4.29	0.000	2.59**
	M	.32267	.28899	8.5	86.7	0.34	0.734	1.01
%NH ₄ 150-399 μmol/L x Ln(N HAE LOS > 8ds)	U	.22616	.07339	62.2		4.20	0.000	1.22
	M	.1232	.10509	7.4	88.1	0.30	0.765	0.78*
%NH ₄ 150-399 μmol/L x Birth Decade ²	U	1.7031	1.0182	30.1		2.07	0.040	0.63*
	M	1.431	1.2148	9.5	68.4	0.34	0.733	0.96

* if 'of concern', i.e. variance ratio (V_e(T) / V_e(C)) in [0.5, 0.8) or (1.25, 2]

** if 'bad', i.e. variance ratio <0.5 or >2

%bias is the % difference in sample means in LT vs MM as a percent of the square root of the sample variances in LT and MM

%reductbias is % difference in %bias in the matched (M) and unmatched (U) samples.

Ve(T) - variance in the treated group

Ve(C) - variance in the untreated or control group