

Supplementary Table 2a: Comparison of Socioeconomic Factors and Hospital Characteristics in Patients Admitted with Autoimmune Hepatitis; Male versus Female

Category	Pre-Match Comparison					Post-Match Comparison				
	Female		Male		p-value	Female		Male		p-value
	n = 17178	78.85 %	n = 4609	21.15 %		n = 4609	50.00 %	n = 4609	50.00 %	
Median Household Income					< 0.001 ***					0.24
Quartile 1 (%)	5022	29.20 %	1205	26.10 %		1240	26.90 %	1205	26.10 %	
Quartile 2 (%)	4474	26.00 %	1173	25.50 %		1229	26.70 %	1173	25.50 %	
Quartile 3 (%)	4125	24.00 %	1166	25.30 %		1142	24.80 %	1166	25.30 %	
Quartile 4 (%)	3557	20.70 %	1065	23.10 %		998	21.70 %	1065	23.10 %	
Hospital Bed Size					0.002 **					0.66
Small (%)	2495	14.50 %	599	13.00 %		602	13.10 %	599	13.00 %	
Medium (%)	4367	25.40 %	1115	24.20 %		1151	25.00 %	1115	24.20 %	
Large (%)	10316	60.10 %	2895	62.80 %		2856	62.00 %	2895	62.80 %	
Hospital Location/Teaching Status					< 0.001 ***					< 0.001 ***
Rural (%)	1175	6.84 %	333	7.22 %		343	7.44 %	333	7.22 %	
Urban Nonteaching (%)	3991	23.20 %	903	19.60 %		1169	25.40 %	903	19.60 %	
Urban teaching (%)	12012	69.90 %	3373	73.20 %		3097	67.20 %	3373	73.20 %	
Hospital Region					0.61					< 0.001 ***
Northeast (%)	3208	18.70 %	879	19.10 %		1004	21.80 %	879	19.10 %	
Midwest (%)	4076	23.70 %	1116	24.20 %		1176	25.50 %	1116	24.20 %	
South (%)	6780	39.50 %	1769	38.40 %		1694	36.80 %	1769	38.40 %	
West (%)	3114	18.10 %	845	18.30 %		735	15.90 %	845	18.30 %	
Insurance Type					< 0.001 ***					< 0.001 ***
Medicare (%)	8892	51.80 %	2006	43.50 %		2107	45.70 %	2006	43.50 %	
Medicaid (%)	2378	13.80 %	628	13.60 %		712	15.40 %	628	13.60 %	
Private Insurance (%)	4983	29.00 %	1634	35.50 %		1481	32.10 %	1634	35.50 %	
Self-Pay (%)	505	2.94 %	176	3.82 %		170	3.69 %	176	3.82 %	
No Charge (%)	74	0.43 %	14	0.30 %		24	0.52 %	14	0.30 %	
Other (%)	346	2.01 %	151	3.28 %		115	2.50 %	151	3.28 %	

Supplementary Table 2b: Comparison of Socioeconomic Factors and Hospital Characteristics in Patients Admitted with Autoimmune Hepatitis; Stratified by Race

Category	Black vs White Pre-Match Comparison					Black vs White Post-Match Comparison				
	Black		White		p-value	Black		White		p-value
	n = 3688	19.81 %	n = 14926	80.19 %		n = 3688	50.00 %	n = 3688	50.00 %	
Median Household Income					< 0.001 ***					< 0.001 ***
Quartile 1 (%)	1764	47.80 %	3252	21.80 %		1764	47.80 %	861	23.30 %	
Quartile 2 (%)	811	22.00 %	3989	26.70 %		811	22.00 %	975	26.40 %	
Quartile 3 (%)	612	16.60 %	3979	26.70 %		612	16.60 %	979	26.50 %	
Quartile 4 (%)	501	13.60 %	3706	24.80 %		501	13.60 %	873	23.70 %	
Hospital Bed Size					< 0.001 ***					0.005 **
Small (%)	421	11.40 %	2258	15.10 %		421	11.40 %	494	13.40 %	
Medium (%)	884	24.00 %	3871	25.90 %		884	24.00 %	934	25.30 %	
Large (%)	2383	64.60 %	8797	58.90 %		2383	64.60 %	2260	61.30 %	
Hospital Location/Teaching Status					< 0.001 ***					< 0.001 ***
Rural (%)	115	3.12 %	1304	8.74 %		115	3.12 %	322	8.73 %	
Urban Nonteaching (%)	572	15.50 %	3731	25.00 %		572	15.50 %	948	25.70 %	
Urban teaching (%)	3001	81.40 %	9891	66.30 %		3001	81.40 %	2418	65.60 %	
Hospital Region					< 0.001 ***					< 0.001 ***
Northeast (%)	616	16.70 %	2920	19.60 %		616	16.70 %	797	21.60 %	
Midwest (%)	876	23.80 %	3996	26.80 %		876	23.80 %	1030	27.90 %	
South (%)	1891	51.30 %	5531	37.10 %		1891	51.30 %	1376	37.30 %	
West (%)	305	8.27 %	2479	16.60 %		305	8.27 %	485	13.20 %	
Insurance Type					< 0.001 ***					< 0.001 ***
Medicare (%)	1453	39.40 %	8232	55.20 %		1453	39.40 %	1437	39.00 %	
Medicaid (%)	868	23.50 %	1289	8.64 %		868	23.50 %	543	14.70 %	
Private Insurance (%)	1090	29.60 %	4721	31.60 %		1090	29.60 %	1463	39.70 %	
Self-Pay (%)	159	4.31 %	327	2.19 %		159	4.31 %	124	3.36 %	
No Charge (%)	34	0.92 %	25	0.17 %		34	0.92 %	13	0.35 %	
Other (%)	84	2.28 %	332	2.22 %		84	2.28 %	108	2.93 %	

Category	Hispanic vs White Pre-Match Comparison					Hispanic vs White Post-Match Comparison				
	Hispanic		White		p-value	Hispanic		White		p-value
	n = 3173	17.53 %	n = 14926	82.47 %		n = 3173	50.00 %	n = 3173	50.00 %	
Median Household Income					< 0.001 ***					< 0.001 ***
Quartile 1 (%)	1211	38.20 %	3252	21.80 %		1211	38.20 %	677	21.30 %	
Quartile 2 (%)	847	26.70 %	3989	26.70 %		847	26.70 %	861	27.10 %	
Quartile 3 (%)	700	22.10 %	3979	26.70 %		700	22.10 %	843	26.60 %	
Quartile 4 (%)	415	13.10 %	3706	24.80 %		415	13.10 %	792	25.00 %	
Hospital Bed Size					< 0.001 ***					0.20
Small (%)	415	13.10 %	2258	15.10 %		415	13.10 %	437	13.80 %	
Medium (%)	727	22.90 %	3871	25.90 %		727	22.90 %	774	24.40 %	
Large (%)	2031	64.00 %	8797	58.90 %		2031	64.00 %	1962	61.80 %	
Hospital Location/Teaching Status					< 0.001 ***					< 0.001 ***
Rural (%)	89	2.80 %	1304	8.74 %		89	2.80 %	256	8.07 %	
Urban Nonteaching (%)	591	18.60 %	3731	25.00 %		591	18.60 %	847	26.70 %	
Urban teaching (%)	2493	78.60 %	9891	66.30 %		2493	78.60 %	2070	65.20 %	
Hospital Region					< 0.001 ***					< 0.001 ***
Northeast (%)	551	17.40 %	2920	19.60 %		551	17.40 %	730	23.00 %	
Midwest (%)	320	10.10 %	3996	26.80 %		320	10.10 %	867	27.30 %	
South (%)	1127	35.50 %	5531	37.10 %		1127	35.50 %	1142	36.00 %	
West (%)	1175	37.00 %	2479	16.60 %		1175	37.00 %	434	13.70 %	
Insurance Type					< 0.001 ***					< 0.001 ***
Medicare (%)	1213	38.20 %	8232	55.20 %		1213	38.20 %	1356	42.70 %	
Medicaid (%)	849	26.80 %	1289	8.64 %		849	26.80 %	353	11.10 %	
Private Insurance (%)	806	25.40 %	4721	31.60 %		806	25.40 %	1256	39.60 %	
Self-Pay (%)	195	6.15 %	327	2.19 %		195	6.15 %	113	3.56 %	
No Charge (%)	29	0.91 %	25	0.17 %		29	0.91 %	9	0.28 %	
Other (%)	81	2.55 %	332	2.22 %		81	2.55 %	86	2.71 %	