

Supplementary Table 7: Comparison of Hospital Outcomes in Patients Admitted with Autoimmune Hepatitis; Black versus Hispanic

Hospital Outcomes	Pre-Match Comparison						Post-Match Comparison									
	Female		Male		p-value	Univariate Analysis		Female		Male		p-value	Univariate Analysis			
	n = 3173	46.25 %	n = 3688	53.75 %		OR	95% CI	n = 3173	50.00 %	n = 3173	50.00 %		OR	95% CI		
Mortality (%)	142	4.48 %	142	3.85 %	0.22	1.17	(0.92 - 1.48)	142	4.48 %	126	3.97 %	0.35	1.13	(0.89 - 1.45)		
Length of Stay (days)	6.00	± 7.35 days	6.40	± 7.41 days	0.007	**		6.00	± 7.35 days	6.43	± 7.59 days	0.02	*			
Hospital Charges (\$)	72233	± 123440 \$	62220	± 111728 \$	< 0.001	***		72233	± 123440 \$	62774	± 115001 \$	< 0.001	***			
Disposition at Discharge					0.004	**						< 0.001	***			
Routine (%)	2210	69.70 %	2456	66.60 %				2210	69.70 %	2085	65.70 %					
Short-term Hospital (%)	88	2.77 %	142	3.85 %				88	2.77 %	126	3.97 %					
SNF or other facility (%)	274	8.64 %	395	10.70 %				274	8.64 %	358	11.30 %					
Home Health Care (%)	430	13.60 %	514	13.90 %				430	13.60 %	447	14.10 %					
Left AMA (%) ‡	28	0.88 %	39	1.06 %				28	0.88 %	31	0.98 %					
Died (%)	142	4.48 %	142	3.85 %				142	4.48 %	126	3.97 %					
Unknown (%)	1	0.03 %	0	0.00 %				1	0.03 %	0	0.00 %					
Liver Complications																
Acute Liver Failure (%)	144	4.54 %	245	6.64 %	< 0.001	***	0.67	(0.54 - 0.83)	144	4.54 %	214	6.74 %	< 0.001	***	0.66	(0.53 - 0.82)
Cirrhosis (%)	1569	49.40 %	1338	36.30 %	< 0.001	***	1.72	(1.56 - 1.89)	1569	49.40 %	1168	36.80 %	< 0.001	***	1.68	(1.52 - 1.86)
Ascites (%) §	604	19.00 %	470	12.70 %	< 0.001	***	1.61	(1.41 - 1.84)	604	19.00 %	410	12.90 %	< 0.001	***	1.58	(1.38 - 1.82)
Cirrhosis-related (%)	592	18.70 %	444	12.00 %	< 0.001	***	1.68	(1.47 - 1.92)	592	18.70 %	387	12.20 %	< 0.001	***	1.65	(1.44 - 1.90)
ALF-related (%)	52	1.64 %	61	1.65 %	1.00		0.99	(0.68 - 1.44)	52	1.64 %	55	1.73 %	0.85		0.94	(0.64 - 1.38)
Varices (%) §	463	14.60 %	348	9.44 %	< 0.001	***	1.64	(1.41 - 1.90)	463	14.60 %	313	9.86 %	< 0.001	***	1.56	(1.34 - 1.82)
Cirrhosis-related (%)	460	14.50 %	338	9.16 %	< 0.001	***	1.68	(1.45 - 1.95)	460	14.50 %	303	9.55 %	< 0.001	***	1.61	(1.38 - 1.87)
ALF-related (%)	16	0.50 %	28	0.76 %	0.24		0.66	(0.36 - 1.23)	16	0.50 %	26	0.82 %	0.16		0.61	(0.33 - 1.15)
Variceal Bleeding (%) §	118	3.72 %	57	1.55 %	< 0.001	***	2.46	(1.79 - 3.39)	118	3.72 %	54	1.70 %	< 0.001	***	2.23	(1.61 - 3.09)
Cirrhosis-related (%)	118	3.72 %	57	1.55 %	< 0.001	***	2.46	(1.79 - 3.39)	118	3.72 %	54	1.70 %	< 0.001	***	2.23	(1.61 - 3.09)
ALF-related (%)	1	0.03 %	5	0.14 %	0.23 †		0.23	(0.00 - 2.08)	1	0.03 %	5	0.16 %	0.22 †		0.20	(0.00 - 1.79)
Spontaneous Bacterial Peritonitis (%) §	89	2.80 %	67	1.82 %	0.008	**	1.56	(1.13 - 2.15)	89	2.80 %	61	1.92 %	0.03	*	1.47	(1.06 - 2.05)
Cirrhosis-related (%)	87	2.74 %	61	1.65 %	0.003	**	1.68	(1.20 - 2.33)	87	2.74 %	56	1.76 %	0.01	*	1.57	(1.12 - 2.20)
ALF-related (%)	7	0.22 %	10	0.27 %	0.86		0.81	(0.31 - 2.14)	7	0.22 %	8	0.25 %	1.00		0.87	(0.32 - 2.42)
Hepatorenal Syndrome (%) §	80	2.52 %	75	2.03 %	0.20		1.25	(0.91 - 1.71)	80	2.52 %	61	1.92 %	0.13		1.32	(0.94 - 1.85)
Cirrhosis-related (%)	77	2.43 %	57	1.55 %	0.01	*	1.58	(1.12 - 2.24)	77	2.43 %	46	1.45 %	0.006	**	1.69	(1.17 - 2.44)
ALF-related (%)	12	0.38 %	33	0.90 %	0.01	*	0.42	(0.22 - 0.82)	12	0.38 %	27	0.85 %	0.03	*	0.44	(0.22 - 0.87)
Encephalopathy (%) §	455	14.30 %	302	8.19 %	< 0.001	***	1.88	(1.61 - 2.19)	455	14.30 %	273	8.60 %	< 0.001	***	1.78	(1.52 - 2.08)
Cirrhosis-related (%)	444	14.00 %	273	7.40 %	< 0.001	***	2.04	(1.74 - 2.39)	444	14.00 %	248	7.82 %	< 0.001	***	1.92	(1.63 - 2.26)
ALF-related (%)	29	0.91 %	48	1.30 %	0.16		0.70	(0.44 - 1.11)	29	0.91 %	43	1.36 %	0.12		0.67	(0.42 - 1.08)

* p < 0.05, ** p < 0.01, *** p < 0.001

† Fisher's Test

‡ Left AMA: Left against medical advice

§ These variables include both cirrhosis and ALF-related events counting overlapping incidences