

Supplementary Table 5: Comparison of Hospital Outcomes in Black Patients Admitted with Autoimmune Hepatitis; Male versus Female

Hospital Outcomes	Pre-Match Comparison						Post-Match Comparison							
	Female		Male		p-value	Univariate Analysis		Female		Male		p-value	Univariate Analysis	
	n = 2981	80.83 %	n = 707	19.17 %		OR	95% CI	n = 707	50.00 %	n = 707	50.00 %		OR	95% CI
Mortality (%)	114	3.82 %	28	3.96 %	0.95	0.96	(0.63 - 1.47)	25	3.54 %	28	3.96 %	0.78	0.89	(0.51 - 1.54)
Length of Stay (days)	6.37	± 7.20 days	6.54	± 8.23 days	0.58			6.27	± 6.31 days	6.54	± 8.23 days	0.42		
Hospital Charges (\$)	61167	± 108551 \$	66658	± 124217 \$	0.81			57635	± 101065 \$	66658	± 124217 \$	0.75		
Disposition at Discharge					0.05	*						0.51	*	
Routine (%)	1969	66.10 %	487	68.90 %				495	70.00 %	487	68.90 %			
Short-term Hospital (%)	110	3.69 %	32	4.53 %				24	3.39 %	32	4.53 %			
SNF or other facility (%)	324	10.90 %	71	10.00 %				62	8.77 %	71	10.00 %			
Home Health Care (%)	437	14.70 %	77	10.90 %				93	13.20 %	77	10.90 %			
Left AMA (%) ‡	27	0.91 %	12	1.70 %				8	1.13 %	12	1.70 %			
Died (%)	114	3.82 %	28	3.96 %				25	3.54 %	28	3.96 %			
Unknown (%)	0	0.00 %	0	0.00 %				0	0.00 %	0	0.00 %			
Liver Complications														
Acute Liver Failure (%)	196	6.57 %	49	6.93 %	0.80	0.95	(0.68 - 1.31)	46	6.51 %	49	6.93 %	0.83	0.93	(0.62 - 1.42)
Cirrhosis (%)	1048	35.20 %	290	41.00 %	0.004	**	0.78 (0.66 - 0.92)	264	37.30 %	290	41.00 %	0.17	0.86	(0.69 - 1.06)
Ascites (%) §	348	11.70 %	122	17.30 %	< 0.001	***	0.63 (0.51 - 0.79)	86	12.20 %	122	17.30 %	0.009	**	0.66 (0.49 - 0.89)
Cirrhosis-related (%)	330	11.10 %	114	16.10 %	< 0.001	***	0.65 (0.51 - 0.82)	84	11.90 %	114	16.10 %	0.03	*	0.70 (0.52 - 0.95)
ALF-related (%)	46	1.54 %	15	2.12 %	0.36		0.72 (0.40 - 1.30)	10	1.41 %	15	2.12 %	0.42		0.66 (0.30 - 1.48)
Varices (%) §	249	8.35 %	99	14.00 %	< 0.001	***	0.56 (0.44 - 0.72)	68	9.62 %	99	14.00 %	0.01	*	0.65 (0.47 - 0.91)
Cirrhosis-related (%)	241	8.08 %	97	13.70 %	< 0.001	***	0.55 (0.43 - 0.71)	68	9.62 %	97	13.70 %	0.02	*	0.67 (0.48 - 0.93)
ALF-related (%)	22	0.74 %	6	0.85 %	0.95		0.87 (0.35 - 2.15)	3	0.42 %	6	0.85 %	0.51	†	0.50 (0.08 - 2.34)
Variceal Bleeding (%) §	39	1.31 %	18	2.55 %	0.03	*	0.51 (0.29 - 0.89)	11	1.56 %	18	2.55 %	0.26		0.60 (0.28 - 1.29)
Cirrhosis-related (%)	39	1.31 %	18	2.55 %	0.03	*	0.51 (0.29 - 0.89)	11	1.56 %	18	2.55 %	0.26		0.60 (0.28 - 1.29)
ALF-related (%)	2	0.07 %	3	0.42 %	0.05	†	0.16 (0.01 - 1.38)	1	0.14 %	3	0.42 %	0.62	†	0.33 (0.01 - 4.15)
Spontaneous Bacterial Peritonitis (%) §	45	1.51 %	22	3.11 %	0.007	**	0.48 (0.28 - 0.80)	8	1.13 %	22	3.11 %	0.02	*	0.36 (0.16 - 0.81)
Cirrhosis-related (%)	39	1.31 %	22	3.11 %	0.001	**	0.41 (0.24 - 0.70)	8	1.13 %	22	3.11 %	0.02	*	0.36 (0.16 - 0.81)
ALF-related (%)	9	0.30 %	1	0.14 %	0.70	†	2.14 (0.30 - 93.81)	3	0.42 %	1	0.14 %	0.62	†	3.01 (0.24 - 158.03)
Hepatorenal Syndrome (%) §	52	1.74 %	23	3.25 %	0.02	*	0.53 (0.32 - 0.87)	13	1.84 %	23	3.25 %	0.13		0.56 (0.28 - 1.11)
Cirrhosis-related (%)	40	1.34 %	17	2.40 %	0.06		0.55 (0.31 - 0.98)	12	1.70 %	17	2.40 %	0.45		0.70 (0.33 - 1.48)
ALF-related (%)	22	0.74 %	11	1.56 %	0.06		0.47 (0.23 - 0.97)	5	0.71 %	11	1.56 %	0.21		0.45 (0.16 - 1.30)
Encephalopathy (%) §	228	7.65 %	74	10.50 %	0.02	*	0.71 (0.54 - 0.93)	55	7.78 %	74	10.50 %	0.10		0.72 (0.50 - 1.04)
Cirrhosis-related (%)	205	6.88 %	68	9.62 %	0.02	*	0.69 (0.52 - 0.93)	51	7.21 %	68	9.62 %	0.13		0.73 (0.50 - 1.07)
ALF-related (%)	39	1.31 %	9	1.27 %	1.00		1.03 (0.50 - 2.13)	10	1.41 %	9	1.27 %	1.00		1.11 (0.45 - 2.76)

* 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