Supplemental Table 6. Fully adjusted and reduced (no immunosuppressives) model results showing associations of demographic and clinical characteristics with COVID-19 hospitalization

Variable	Fully Adjusted Model Immunosuppressives included		Reduced Model Immunosuppressives removed	
	Adjusted HR (95% CI)	p-value	Adjusted HR (95% CI)	p-value
Non-infectious uveitis	0.98 (0.88, 1.09)	0.67	0.99 (0.89, 1.10)	0.83
Age (years)	1.039 (1.038, 1.040)	<0.001	1.039 (1.038, 1.040)	<0.001
Male vs. Female	1.28 (1.26, 1.31)	<0.001	1.27 (1.24, 1.29)	<0.001
Unknown vs. Female	0.34 (0.19, 0.60)	<0.001	0.34 (0.19, 0.60)	<0.001
Asian vs. White	1.03 (0.96, 1.10)	0.40	1.01 (0.95, 1.08)	0.75
Black vs. White	1.68 (1.63, 1.73)	<0.001	1.67 (1.62, 1.71)	<0.001
Hispanic vs. White	1.72 (1.67, 1.77)	<0.001	1.70 (1.65, 1.75)	<0.001
Other/Unknown vs. White	0.99 (0.95, 1.04)	0.68	0.99 (0.94, 1.04)	0.64
Midwest vs. South	1.26 (1.23, 1.29)	<0.001	1.24 (1.21, 1.28)	<0.001
Northeast vs. South	1.23 (1.19, 1.27)	<0.001	1.20 (1.16, 1.24)	<0.001
West vs. South	0.75 (0.72, 0.78)	<0.001	0.73 (0.70, 0.76)	<0.001
Other/Unknown vs. South	0.13 (0.09, 0.17)	<0.001	0.12 (0.09, 0.16)	<0.001
Probable renter vs. Probable homeowner	1.35 (1.29, 1.40)	<0.001	1.35 (1.29, 1.40)	<0.001
Unknown vs. Probable homeowner	1.48 (1.45, 1.52)	<0.001	1.48 (1.44, 1.52)	<0.001
Current/former smoker vs. Never smoker	1.30 (1.26, 1.34)	<0.001	1.32 (1.28, 1.37)	<0.001
Unknown smoking status vs. Never smoker	0.99 (0.96, 1.02)	0.57	0.98 (0.95, 1.01)	0.18
Asthma	1.16 (1.12, 1.20)	<0.001	1.23 (1.18, 1.27)	<0.001
Autoimmune disease	1.08 (1.05, 1.11)	<0.001	1.16 (1.13, 1.20)	<0.001
Cancer	1.03 (0.99, 1.06)	0.13	1.04 (1.01, 1.07)	0.02
Cardiovascular disease	1.35 (1.31, 1.38)	<0.001	1.36 (1.32, 1.39)	<0.001
Cerebrovascular	1.07 (1.04, 1.10)	<0.001	1.07 (1.04, 1.10)	<0.001
Chronic kidney disease	1.39 (1.36, 1.43)	<0.001	1.39 (1.36, 1.42)	<0.001
Chronic lung disease	1.27 (1.24, 1.30)	<0.001	1.34 (1.31, 1.38)	<0.001
Diabetes	1.68 (1.64, 1.72)	<0.001	1.67 (1.63, 1.70)	<0.001
Hemoglobin disorder	1.31 (1.09, 1.56)	0.004	1.30 (1.09, 1.56)	0.004
HIV/AIDS	1.63 (1.40, 1.91)	<0.001	1.62 (1.39, 1.90)	<0.001
Hypertension	1.43 (1.39, 1.48)	<0.001	1.45 (1.41, 1.50)	<0.001
Liver disease	1.46 (1.30, 1.65)	<0.001	1.46 (1.30, 1.65)	<0.001
Neurologic disease	2.22 (2.16, 2.28)	<0.001	2.19 (2.13, 2.25)	<0.001
Obesity	1.34 (1.30, 1.37)	<0.001	1.35 (1.32, 1.38)	<0.001
Solid organ transplant	1.50 (1.35, 1.66)	<0.001	1.74 (1.57, 1.93)	<0.001
Pregnancy	4.42 (3.97, 4.92)	<0.001	4.37 (3.92, 4.86)	<0.001
Systemic corticosteroids	1.57 (1.53, 1.61)	<0.001		
DMARDs	1.15 (1.07, 1.24)	<0.001		

TNF-alpha inhibitors	0.91 (0.75, 1.10)	0.33		
IL-6 inhibitors	0.90 (0.45, 1.81)	0.77		
Other biologics	0.85 (0.69, 1.05)	0.13		
Other immunosuppressive drugs	1.14 (1.00, 1.29)	0.04		

P-values calculated from Cox proportional hazards models. Reference groups for comorbidities and medications are the group of patients without the given disease or without a prescription for the given medication. HR=hazard ratio; CI=confidence interval; HIV=human immunodeficiency virus; AIDS=acquired immunodeficiency syndrome; DMARDs=disease-modifying anti-rheumatic drugs; TNF-alpha=tumor necrosis factor alpha; IL-6=interleukin 6.