

Table 4 Comparing final AFT models with log normal and log logistic distributions

Symptom	Covariate	Log normal Duration Multiplier	p value	Log logistic Duration Multiplier	p value
Abdominal Pain	Immune suppression	6.95 (2.91-16.57)	<0.001	7.48 (3.26-17.18)	<0.001
Body Aches	Mild initial symptom severity	reference		reference	
	Moderate initial symptom severity	1.90 (1.45-2.49)	<0.001	1.87 (1.44-2.42)	<0.001
	Severe initial symptom severity	3.40 (1.43-8.07)	0.006	4.01 (1.66-9.68)	0.002
Chest Tightness	Mild initial symptom severity	reference		reference	
	Moderate initial symptom severity	1.47 (1.03-2.08)	0.032	1.36 (0.96-1.93)	0.083
	Severe initial symptom severity	4.83 (1.65-14.11)	0.004	4.26 (1.68-10.78)	0.002
Chills	Mild initial symptom severity	reference		reference	
	Moderate initial symptom severity	1.54 (1.19-2.00)	0.001	1.57 (1.21-2.03)	0.001
	Severe initial symptom severity	2.71 (1.26-5.84)	0.011	2.75 (1.28-5.90)	0.009
Confusion	Race=White	reference		reference	
	Race=Black	1.90 (1.15-3.15)	0.013	1.65 (1.03-2.63)	0.036
	Race=Other	6.48 (3.16-13.30)	<0.001	7.44 (3.98-13.92)	<0.001
	Obesity	0.65 (0.43-0.99)	0.046	Not in model	
Congestion	Female	1.57 (1.11-2.22)	0.011	1.57 (1.12-2.20)	0.009
	Mild initial symptom severity	reference		reference	
	Moderate initial symptom severity	1.61 (1.15-2.27)	0.006	1.66 (1.20-2.31)	0.002
	Severe initial symptom severity	2.24 (0.54-9.28)	0.265	1.97 (0.59-6.57)	0.27
Cough	Mild initial symptom severity	reference		reference	
	Moderate initial symptom severity	1.49 (1.11-2.00)	0.008	1.52 (1.15-1.99)	0.003
	Severe initial symptom severity	4.07 (1.27-13.02)	0.018	3.46 (1.25-9.58)	0.017
Diarrhea	Race=White	reference		reference	
	Race=Black	0.57 (0.38-0.85)	0.006	0.56 (0.37-0.84)	0.005
	Race=Other	0.62 (0.40-0.97)	0.037	0.61 (0.39-0.96)	0.033
	Mild initial symptom severity	reference		reference	
	Moderate initial symptom severity	1.69 (1.23-2.31)	0.001	1.72 (1.24-2.38)	0.001
Dizziness	Mild initial symptom severity	reference		reference	
	Moderate initial symptom severity	1.72 (1.21-2.44)	0.002	1.79 (1.24-2.58)	0.002
	Severe initial symptom severity	6.08 (1.53-24.13)	0.01	6.09 (1.80-20.54)	0.004
Fever	Mild initial symptom severity	reference		reference	
	Moderate initial symptom severity	1.19 (0.84-1.67)	0.325	1.31 (0.92-1.87)	0.132
	Severe initial symptom severity	4.41 (1.22-15.89)	0.023	4.76 (1.51-15.07)	0.008
	Immune suppression	2.18 (1.08-4.37)	0.029	1.97 (1.01-3.85)	0.048
	Obesity	1.44 (1.01-2.07)	0.045	Not in model	
Headache	Female	Not in model		1.34 (1.01-1.79)	0.043
	Mild initial symptom severity	reference		reference	
	Moderate initial symptom severity	2.16 (1.62-2.88)	<0.001	2.10 (1.58-2.78)	<0.001
	Severe initial symptom severity	2.42 (0.93-6.31)	0.071	1.91 (0.74-4.98)	0.184
Joint Pain	Obesity	1.63 (1.04-2.57)	0.034	1.74 (1.09-2.76)	0.019
Loss of smell or taste	Female	1.69 (1.26-2.26)	<0.001	1.63 (1.24-2.13)	<0.001

	Immune suppression	3.42 (1.52-7.70)	0.003	3.06 (1.48-6.34)	0.003
Nausea	Mild initial symptom severity	reference		reference	
	Moderate initial symptom severity	1.64 (1.10-2.44)	0.016	1.73 (1.15-2.61)	0.009
	Severe initial symptom severity	2.46 (0.73-8.29)	0.147	2.76 (0.73-10.42)	0.135
SOB at rest	Race=White	reference		reference	
	Race=Black	2.77 (1.57-4.88)	<0.001	2.87 (1.63-5.07)	<0.001
	Race=Other	1.51 (0.80-2.85)	0.2	1.50 (0.79-2.85)	0.219
	Asthma	1.91 (1.18-3.12)	0.009	1.97 (1.20-3.24)	0.007
	Immune suppression	4.17 (1.14-15.24)	0.031	Not in model	
SOB with exertion	Mild initial symptom severity	reference		reference	
	Moderate initial symptom severity	1.76 (1.19-2.60)	0.005	1.71 (1.16-2.52)	0.006
	Severe initial symptom severity	3911.07 (0.00-Inf)	0.99	undefined	N/A
Sore Throat	Mild initial symptom severity	reference		reference	
	Moderate initial symptom severity	1.22 (0.83-1.79)	0.318	1.25 (0.83-1.88)	0.279
	Severe initial symptom severity	4.24 (1.46-12.35)	0.008	4.22 (1.70-10.47)	0.002
Wheezing	Asthma	2.28 (1.25-4.15)	0.007	2.66 (1.39-5.08)	0.003

SOB=shortness of breath