

Table 3 Aikake information criteria for different distributions in the accelerated failure time model before removing nonsignificant covariates

Symptom	Log Normal	Log Logistic	Exponential	Weibull	Logistic	Gaussian	CoxPH
Abdominal Pain	522.31	528.74	538.46	540.07	641.16	661.67	662.13
Body Aches	1271.56	1268.97	1297.72	1287.54	1433.33	1457.26	1668.71
Chest Tightness	869.11	871.32	873.9	868.28	935.01	941.97	1001.29
Chills	1047.42	1052.25	1070.01	1050.3	1150.68	1190	1529.56
Confusion	56.61	57.37	78.53	54.12	59.32	59.33	69.03
Congestion	1219.12	1217.91	1218.98	1217.15	1328.11	1331.83	1467.46
Cough	1355.72	1348.91	1361.19	1346.34	1424	1420.67	1537.54
Diarrhea	906.87	916	921.74	917.28	1009.03	1020.68	1202.37
Dizziness	779.7	787.85	792.09	792.42	899.24	910.85	1033.56
Current Fever	775.89	783.77	781.93	773.33	848.94	853.62	998.89
Headache	1423.19	1427.12	1435.94	1431.09	1581.8	1596.36	1899.1
Joint Pain	767.77	771.15	772.18	773.85	871.19	879.27	883.76
Loss of smell or taste	1127.54	1119.6	1147.22	1118.66	1181.16	1183.8	1301.67
Nausea	660.31	663.2	666.42	666.23	740.78	750.79	801.15
Rash	193.51	195.34	190.98	191.71	202.77	201.81	140.62
SOB at rest	393.58	397.14	406.33	405.56	479.09	496.32	493.19
SOB with exertion	957.25	959.16	959.53	960.89	1045.89	1050.46	1085.54
Sore Throat	758.05	760.69	767.72	767.27	855.31	874.14	899.92
Wheezing	373.17	375.35	374.05	374.66	435.96	444.06	395.88

SOB=shortness of breath

* Covariates were Gender, initial symptom severity, Race, Asthma, Immunosuppression and Obesity for all models