

TABLE 3. Median Model Scores, by Selected Ensemble and Baseline Models

Combination	MAPE	WIS
Ensemble	15.3	322.8
Ensemble (all covariates)	13.9	265.9
Ensemble (all covariates, 3-month lag)	11.3	291.0
Ensemble (all covariates, 6-month lag)	16.2	363.8
Ensemble (PASC encounters)	9.2	206.6
SNaive	23.2	1,098.3
Weibull 1	11.5	N/A
Weibull 2	9.7	N/A
1 month ahead		
Ensemble	13.6	263.9
Ensemble (all covariates)	8.8	155.6
Ensemble (all covariates, 3-month lag)	6.9	132.9
Ensemble (all covariates, 6-month lag)	15.0	319.6
Ensemble (PASC encounters)	8.8	180.3
SNaive	28.0	1,082.2
Weibull 1	11.7	N/A
Weibull 2	10.0	N/A
2 months ahead		
Ensemble	18.1	332.9
Ensemble (all covariates)	15.5	378.1
Ensemble (all covariates, 3-month lag)	18.6	438.2
Ensemble (all covariates, 6-month lag)	14.0	326.7
Ensemble (PASC encounters)	12.0	217.3
SNaive	23.2	1,077.4
Weibull 1	11.5	N/A
Weibull 2	9.7	N/A
3 months ahead		
Ensemble	22.4	410.2
Ensemble (all covariates)	12.7	231.2
Ensemble (all covariates, 3-month lag)	15.1	364.8
Ensemble (all covariates, 6-month lag)	20.4	472.3
Ensemble (PASC encounters)	14.0	277.9
SNaive	21.4	1,087.8
Weibull 1	11.1	N/A
Weibull 2	9.3	N/A
4 months ahead		
Ensemble	15.2	289.3
Ensemble (all covariates)	4.9	118.4
Ensemble (all covariates, 3-month lag)	12.6	327.5
Ensemble (all covariates, 6-month lag)	45.5	1,488.2
Ensemble (PASC encounters)	5.8	206.6
SNaive	19.5	1,101.5
Weibull 1	11.5	N/A
Weibull 2	9.7	N/A
5 months ahead		
Ensemble	10.2	227.9
Ensemble (all covariates)	13.7	249.4
Ensemble (all covariates, 3-month lag)	9.2	220.4
Ensemble (all covariates, 6-month lag)	19.2	505.8
Ensemble (PASC encounters)	4.7	200.0
SNaive	13.7	1,113.7
Weibull 1	12.2	N/A
Weibull 2	10.4	N/A
6 months ahead		
Ensemble	23.9	368.8
Ensemble (all covariates)	30.5	632.3
Ensemble (all covariates, 3-month lag)	11.3	202.2
Ensemble (all covariates, 6-month lag)	32.8	797.0
Ensemble (PASC encounters)	2.9	191.7
SNaive	18.7	1,326.7
Weibull 1	11.5	N/A
Weibull 2	9.7	N/A

Abbreviations: MAPE, median absolute percent error; WIS, weighted interval score; PASC, post-acute sequelae of COVID-19; SNaive, seasonal naïve; N/A, not applicable.