

Table S5

Model	Absolute WS	Relative WS	MAE	50% Coverage (%)	95% Coverage (%)	% of Forecasts Submitted
2021-2022						
PSI-DICE	296.70	0.71	421.38	56	89	100
UMass-trends_ensemble	301.67	0.72	485.97	46	85	100
CMU-TimeSeries	316.02	0.75	355.28	88	100	100
Flusight-ensemble	350.65	0.84	559.53	46	90	100
SigSci-TSENS	356.15	0.85	574.29	33	90	100
CU-ensemble	363.88	0.87	552.35	15	68	100
Flusight-baseline	418.70	1.00	684.62	26	88	100
UT_FluCast-Voltaire	440.00	1.05	633.96	38	85	100
GT-FluFNP	461.10	1.10	660.28	44	75	100
CEID-Walk	471.77	1.15	679.19	28	58	89
SGroup-RandomForest	495.62	1.18	727.54	69	100	100
MOBS-GLEAM_FLUH	486.49	1.22	727.21	18	63	94
IEM_Health-FluProject	613.93	1.47	785.61	42	97	100
LUcompUncertLab-TEVA	618.39	1.52	895.44	12	56	89
LUcompUncertLab-VAR2K	643.17	1.58	928.09	14	61	89
UVAFluX-Ensemble	757.94	1.81	655.74	71	94	100
LUcompUncertLab-VAR2K_plusCOVID	747.56	1.84	888.94	6	14	89
LUcompUncertLab-VAR2_plusCOVID	754.84	1.84	865.00	7	16	94
LUcompUncertLab-VAR2	863.37	2.10	1077.69	4	31	94
SGroup-SilkAlpha	1028.91	2.46	1543.18	15	49	100
GH-Flusight	1124.18	2.80	1141.29	0	1	94
LosAlamos_NAU-CModel_Flu	1395.41	3.33	1801.90	7	15	100
2022-2023						
MOBS-GLEAM_FLUH	1509.55	0.41	2270.89	42	90	100
CMU-TimeSeries	2043.33	0.55	3064.96	67	90	100
PSI-DICE	2087.92	0.56	2780.90	53	70	100
Flusight-ensemble	2466.05	0.66	3439.47	56	75	100
CU-ensemble	2800.38	0.70	3210.70	36	51	85
MIGHTE-Nsemble	2666.71	0.71	3480.24	53	68	96
SigSci-TSENS	2891.23	0.73	3972.84	57	74	88
UMass-trends_ensemble	2914.47	0.78	3870.83	52	66	100
SGroup-RandomForest	2869.94	0.80	3993.83	57	80	96
CEPH-Rtrend_fluH	2886.69	0.81	3208.62	34	58	88
GT-FluFNP	2999.90	0.81	3516.60	58	68	100
UVAFluX-Ensemble	3007.81	0.81	4216.99	36	67	100
UNC_IDD-InfluPaint	3221.15	0.95	4092.70	36	75	77
UGA_flucast-OKeeffe	3466.83	0.97	4306.36	32	49	96
Flusight-baseline	3724.31	1.00	4281.00	43	59	100
NIH-Flu_ARIMA	3910.19	1.03	4598.75	31	100	92
ISU_NiemiLab-Flu	5096.20	1.26	5870.45	18	38	77
JHU_IDD-CovidSP	8230.60	2.22	9494.40	32	64	85