

Table S5

Model	Absolute WIS	Relative WIS	MAE	50% Coverage (%)	95% Coverage (%)	% of Forecasts Submitted
2021-2022						
PSI-DICE	296.70	0.71	421.38	55.56	88.89	100.00
UMass-trends_ensemble	301.67	0.72	485.97	45.83	84.72	100.00
CMU-TimeSeries	316.02	0.76	355.28	87.50	100.00	100.00
Flusight-ensemble	350.65	0.84	559.53	45.83	90.28	100.00
SigSci-TSENS	356.15	0.86	574.29	33.33	90.28	100.00
CU-ensemble	363.88	0.87	552.35	15.28	68.06	100.00
Flusight-baseline	418.70	1.00	684.62	26.39	87.50	100.00
UT_FluCast-Voltaire	440.00	1.07	633.96	37.50	84.72	100.00
GT-FluFNP	461.10	1.12	660.28	44.44	75.00	100.00
CEID-Walk	471.77	1.16	679.19	28.12	57.81	88.89
SGroup-RandomForest	495.62	1.20	727.54	69.44	100.00	100.00
MOBS-GLEAM_FLUH	486.49	1.22	727.21	17.65	63.24	94.44
IEM_Health-FluProject	613.93	1.48	785.61	41.67	97.22	100.00
LUcompUncertLab-TEVA	618.39	1.49	895.44	12.50	56.25	88.89
LUcompUncertLab-VAR2K	643.17	1.54	928.09	14.06	60.94	88.89
UVAFluX-Ensemble	757.94	1.78	655.74	70.83	94.44	100.00
LUcompUncertLab-VAR2K_plusCOVID	747.56	1.79	888.94	6.25	14.06	88.89
LUcompUncertLab-VAR2_plusCOVID	754.84	1.83	865.00	7.35	16.18	94.44
LUcompUncertLab-VAR2	863.37	2.10	1077.69	4.41	30.88	94.44
SGroup-SlkJalpha	1028.91	2.48	1543.18	15.28	48.61	100.00
GH-Flusight	1124.18	2.71	1141.29	0.00	1.47	94.44
LosAlamos_NAU-CModel_Flu	1395.41	3.43	1801.90	6.94	15.28	100.00
2022-2023						
MOBS-GLEAM_FLUH	1509.55	0.41	2270.89	42.31	90.38	100.00
CMU-TimeSeries	2043.33	0.55	3064.96	67.31	90.38	100.00
PSI-DICE	2087.92	0.57	2780.90	52.88	70.19	100.00
Flusight-ensemble	2466.05	0.67	3439.47	55.77	75.00	100.00
CU-ensemble	2800.38	0.68	3210.70	36.36	51.14	84.62
MIGHTE-Nsemble	2666.71	0.73	3480.24	53.00	68.00	96.15
SGroup-RandomForest	2869.94	0.78	3993.83	57.00	80.00	96.15
SigSci-TSENS	2891.23	0.78	3972.84	56.52	73.91	88.46
UMass-trends_ensemble	2914.47	0.78	3870.83	51.92	66.35	100.00
CEPH-Rtrend_fluH	2886.69	0.80	3208.62	33.70	57.61	88.46
UVAFluX-Ensemble	3007.81	0.80	4216.99	35.58	67.31	100.00
GT-FluFNP	2999.90	0.81	3516.60	57.69	68.27	100.00
UGA_flucast-OKeeffe	3466.83	0.94	4306.36	32.00	49.00	96.15
UNC_IDD-InfluPaint	3221.15	0.98	4092.70	36.25	75.00	76.92
Flusight-baseline	3724.31	1.00	4281.00	43.27	58.65	100.00
NIH-Flu_ARIMA	3910.19	1.01	4598.75	31.25	100.00	92.31
ISU_NiemiLab-Flu	5096.20	1.24	5870.45	17.50	37.50	76.92
JHU_IDD-CovidSP	8230.60	2.21	9494.40	31.82	63.64	84.62