

TABLE. Median Weighted Interval Score (WIS) and Median Absolute Percent Error for Outpatient Influenza Encounter Forecasts in the Military Health System Population

Model	1 Week Ahead		2 Weeks Ahead		1-2 Weeks Ahead	
	Median Log (WIS)	Median Absolute Percent Error (%)	Median Log (WIS)	Median Absolute Percent Error (%)	Median Log (WIS)	Median Absolute Percent Error (%)
LSTM	0.3	45.9	0.4	43.7	0.4	45.2
EWMA	0.4	37.5	0.5	42.9	0.4	37.5
VAR	0.4	37.5	0.5	37.5	0.4	37.5
NAIVE	0.4	37.5	0.8	42.9	0.5	37.5
ETS	0.4	37.5	0.8	42.9	0.6	37.5
NNET	0.4	41.2	0.7	45.2	0.6	42.9
ARIMA	0.6	42.9	0.8	42.9	0.7	42.9
PROPHET	0.7	42.9	0.8	38.5	0.7	39.4
TSLM	2.4	65.5	2.4	65.5	2.4	65.5
POISSON	10.3	64.9	10.7	64.9	10.5	64.3
RF	NA*	39.2	NA	46.5	NA	42.9

Abbreviations: NA, not available; MHS, Military Health System.