
1 Forecasting state-level influenza time series

S1 Table. Data selected for forecasting ILINet in three US states.

California	New York	Texas
ILINet US	ILINet US	ILINet US
Athena PositiveResult% IN WHO US	Athena FluResultVisit CT WHO US	Athena FluResultVisit FL WHO US
Athena PositiveResult% OH	Athena ILIVisit NE	Athena PositiveResult% HHS 03
Athena FluResultVisit NJ	Athena FluResultVisit GA	Athena ILIVisit SC
Athena FluResultVisit AZ	Athena FluResultVisit CO	Athena ILI% HHS 04
Wiki Flu	Athena ILIVisit OR	Athena FluVisit AL
Athena FluVisit LA	Athena FluResultVisit NC	Athena ILIVisit HHS 09
Athena FluResultVisit GA	Athena FluResultVisit AK	Athena ILIVisit MS
Athena FluResultVisit AL	Athena IL% NC	Athena FluRXVisit TX

We conducted separate optimization experiments for forecasting California, New York, and Texas ILINet activity. Each selected from among all 453 candidates data sources. The table lists the top ten in the order of their selection.