

Delphi-Stat Forecasting Methodology EW46 Update

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Changes to Delphi-Stat Methodology

Backfill forecasting: we now use backfill forecasting in combination with almost all of the forecasting methods in the Delphi-Stat ensemble. For each nonfinal wILI value in the current season, we estimate a distribution for its final revised value. The distribution is based on historical revisions of wILI with the same lag (e.g., the latest measurement vs. the second most recent measurement), and is formed using weighted kernel density estimation, with weights depending on the epiweek to which the measurement corresponds, and the nonfinal wILI value itself.