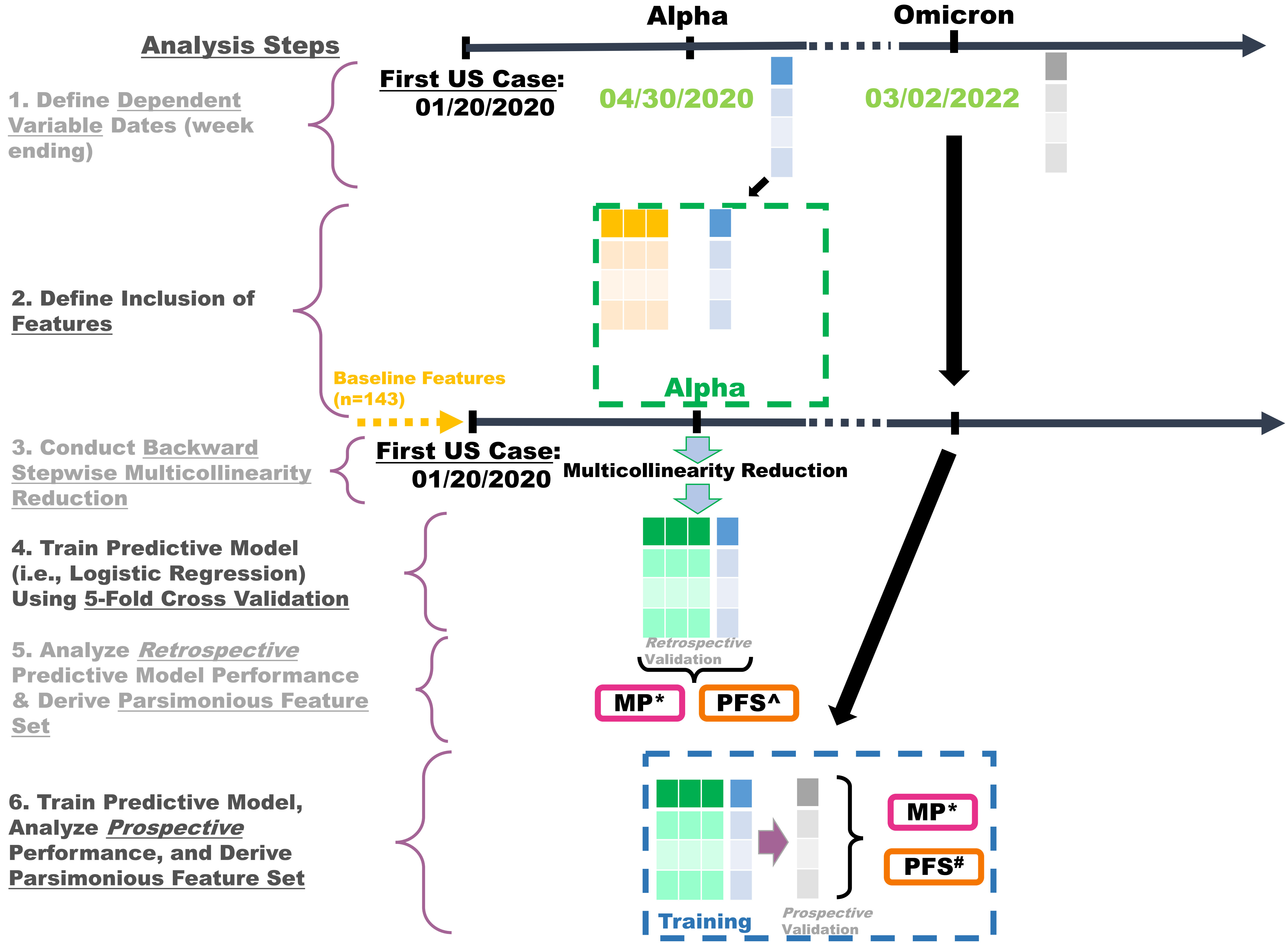
Analysis Steps
1. Define Dependent Variable Dates (week ending)
2. Define Inclusion of Features
3. Conduct Backward Stepwise Multicollinearity Reduction
4. Train Predictive Model (i.e., Logistic Regression) Using 5-Fold Cross Validation
5. Analyze Retrospective Predictive Model Performance & Derive Parsimonious Feature Set
6. Train Predictive Model, Analyze Prospective Performance, and Derive Parsimonious Feature Set
Alpha
Omicron
First US Case: 01/20/2020
04/30/2020
03/02/2022
Alpha
Baseline Features (n=143)
First US Case: 01/20/2020
Multicollinearity Reduction
Retrospective Validation
MP*
PFS^
Training
Prospective Validation
MP*
PFS#