

**Figure 2. Quantitative analysis of fitting and prediction for Hong Kong.** The red area in **a** represents the integral of the infection curve for a total of 56 days from December 31 to February 24, 2020, and the yellow area in **b** shows the integral of the curve obtained by the training and fitting model. The red area in **c** represents the integral of the real infection curve for a total of 30 days from February 25 to March 26. The blue area in **d** shows the predictive integral of the last 30 days by training and fitting model.