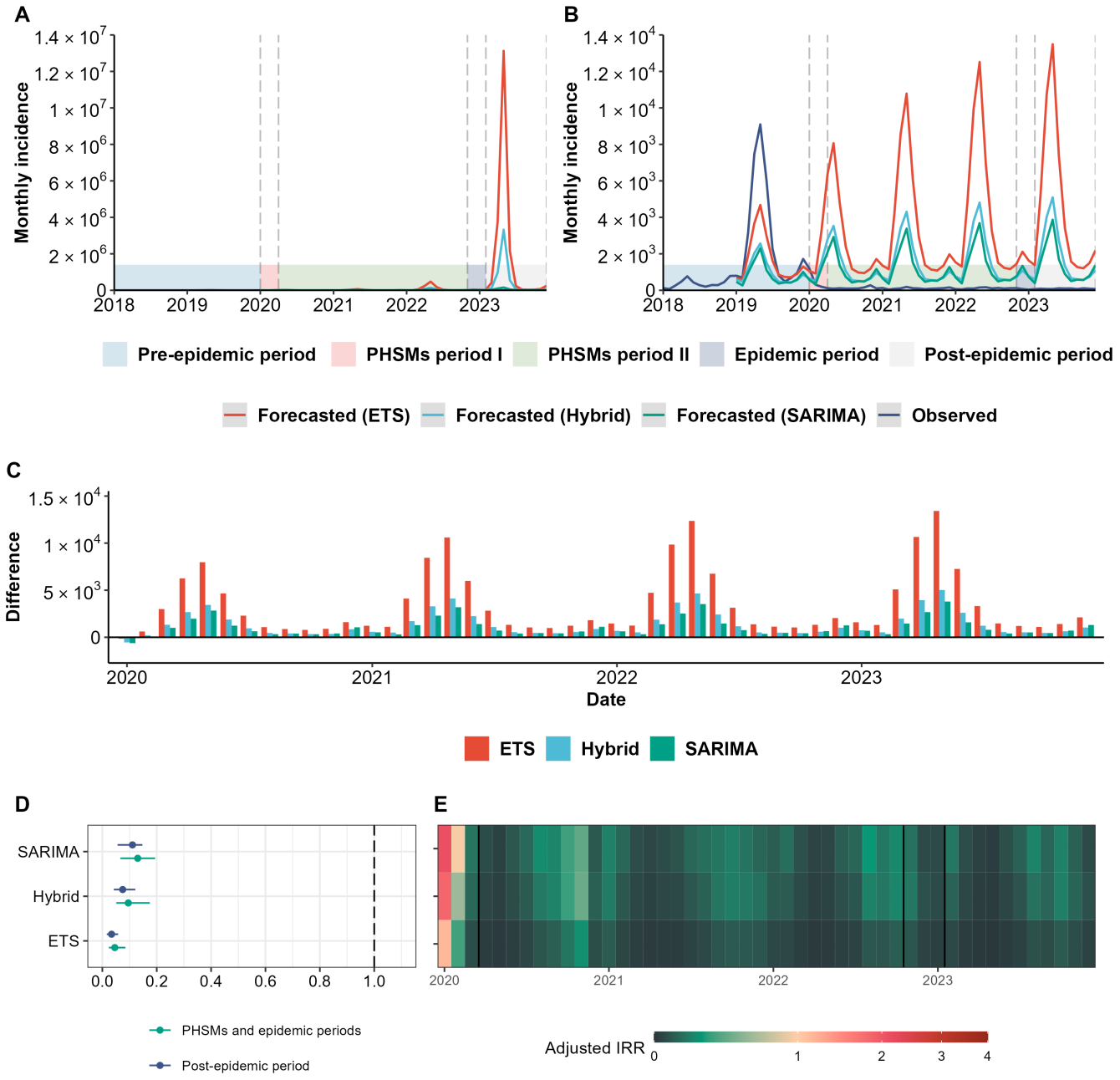

Supplementary Fig. 49. Training and comparing variant time series models for rubella. **(A)** The forecasted number of rubella cases in the China from 2020 to 2023 trained on 2008-2019 data. **(B)** The forecasted number of rubella cases in the China from 2019 to 2023 trained on 2008-2018 data. **(C)** The difference between the forecasted incidence and the observed incidence of rubella in the China from 2020 to 2023, based on the model trained on 2008-2018 data. **(D)** The adjusted incidence relative ratio (IRR) distribution of rubella during different period which split by October 2022. **(E)** The changes of adjusted IRR of rubella during different period.