

Reproduction number

— Simulated truth

Imputation approach

Stepwise (independent imputation → nowcasting model)

Stepwise (backward imputation → nowcasting model)

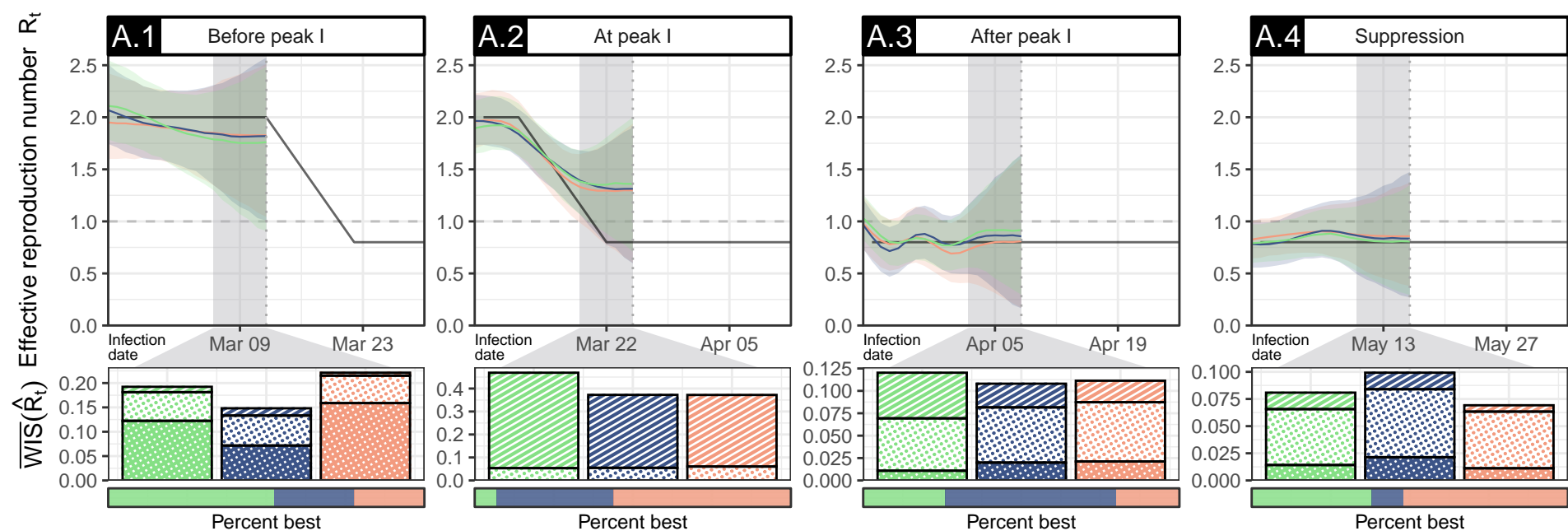
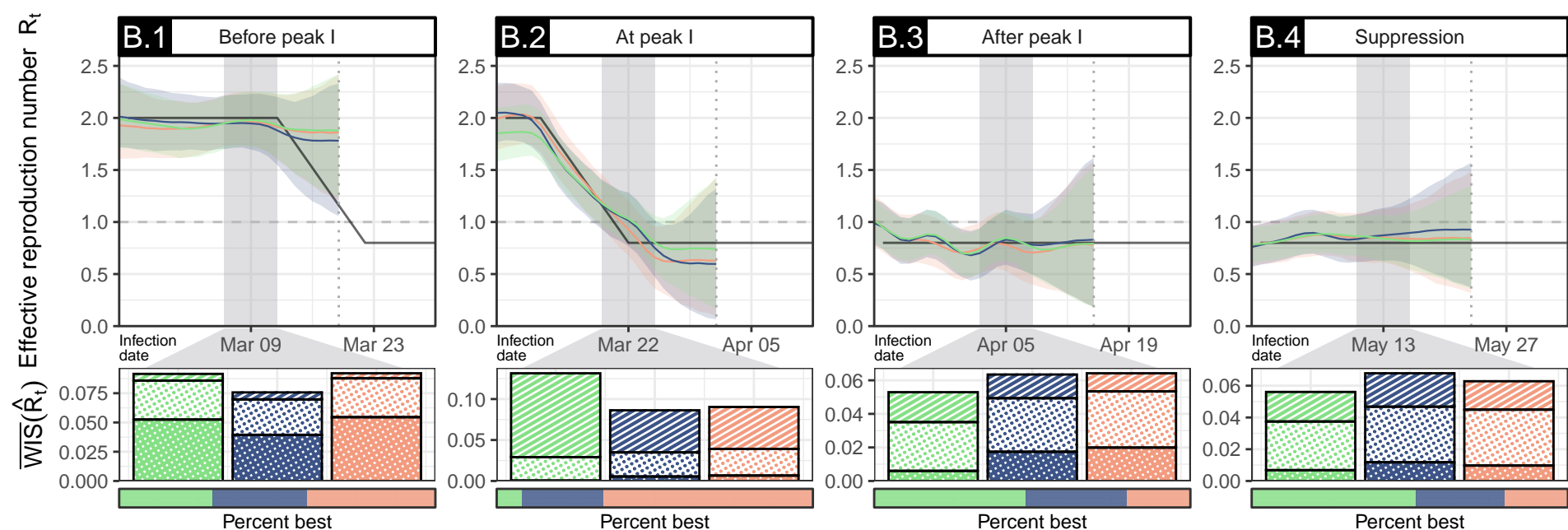
Generative (missingness + nowcasting model)

Nowcast performance

Overprediction

Dispersion

Underprediction

**A** Nowcasts in same week**B** Nowcasts one week after**C** Nowcasts two weeks after