Brazil

Data

New Deaths

Vertical dotted lines represent the first seeding day and the epidemic start date.

Mobility Data

- average_mob
- g_residential
- g_transit_stations

Vertical dotted lines represent the first seeding day and the epidemic start date.
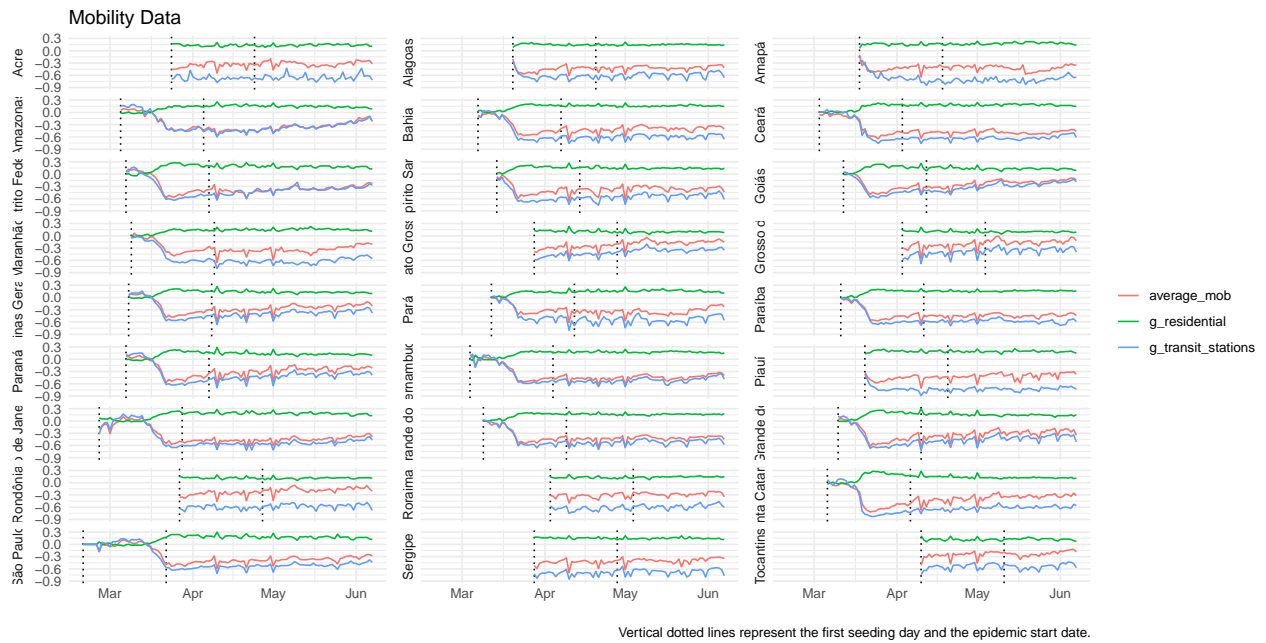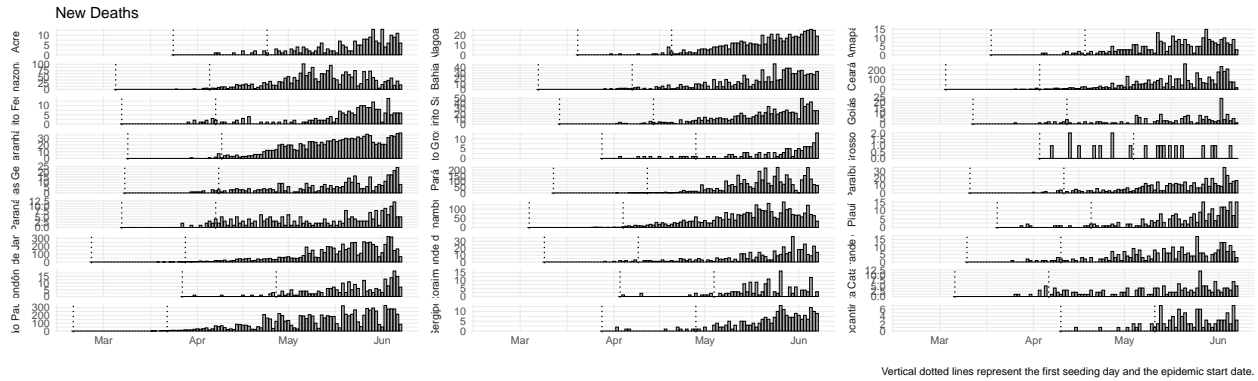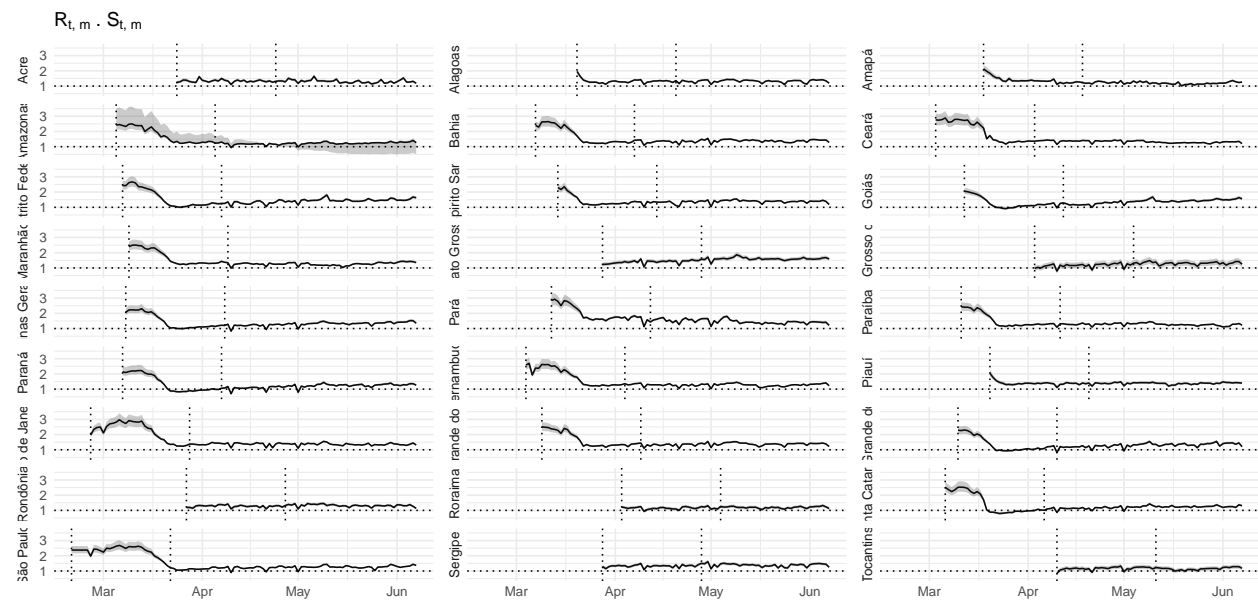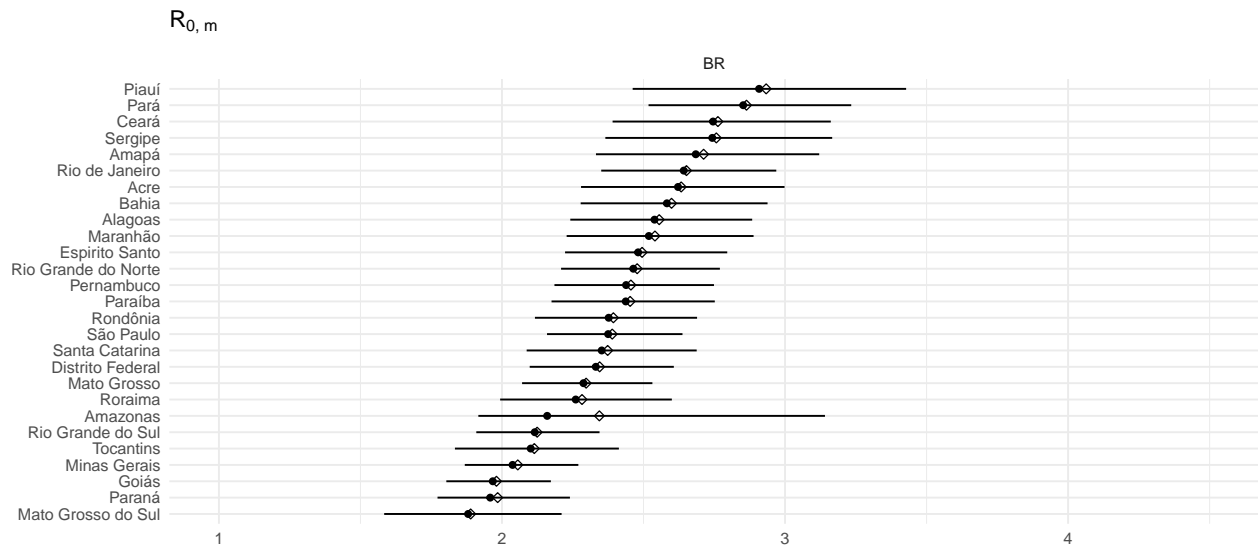
Analysis

Number of divergent transitions = 0

Maximum $\hat{R}$ = 1.531937

Minimum Bulk ESS = 7.130961

Minimum Tail ESS = 10.93377

$R_{0,m}$

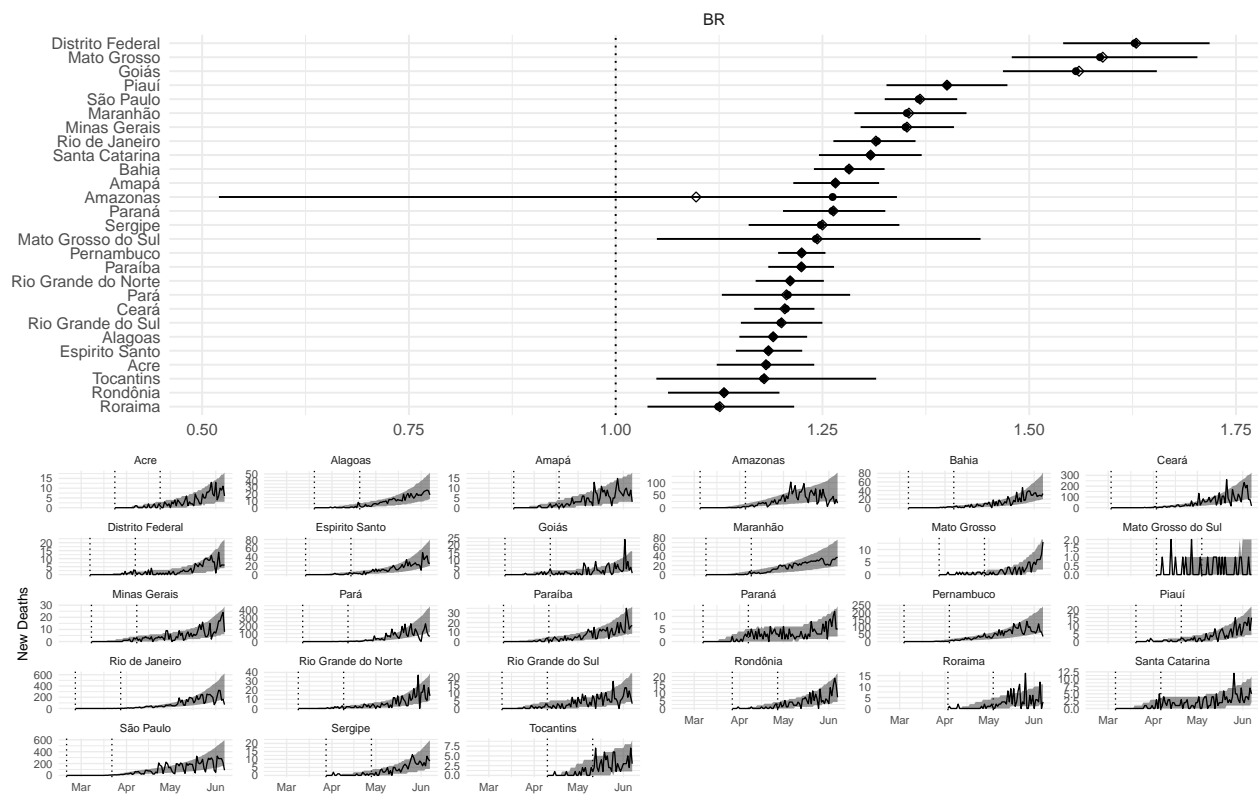$R_{t,m} \cdot S_{t,m}$

Vertical dotted lines represent the first seeding day and the epidemic start date.
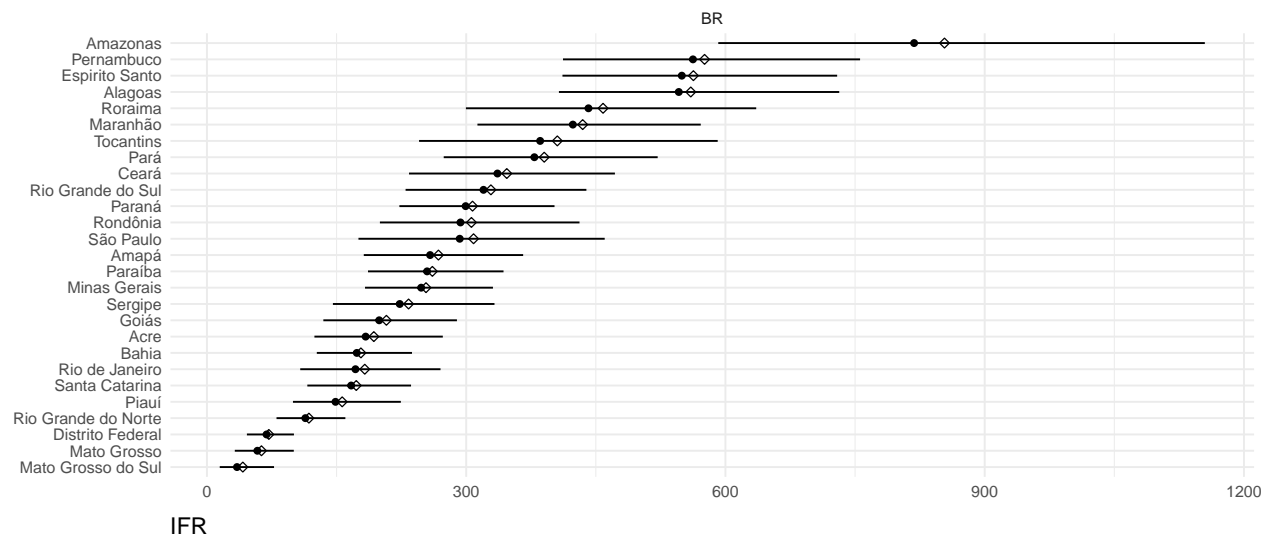
2

$S_{t,m}$
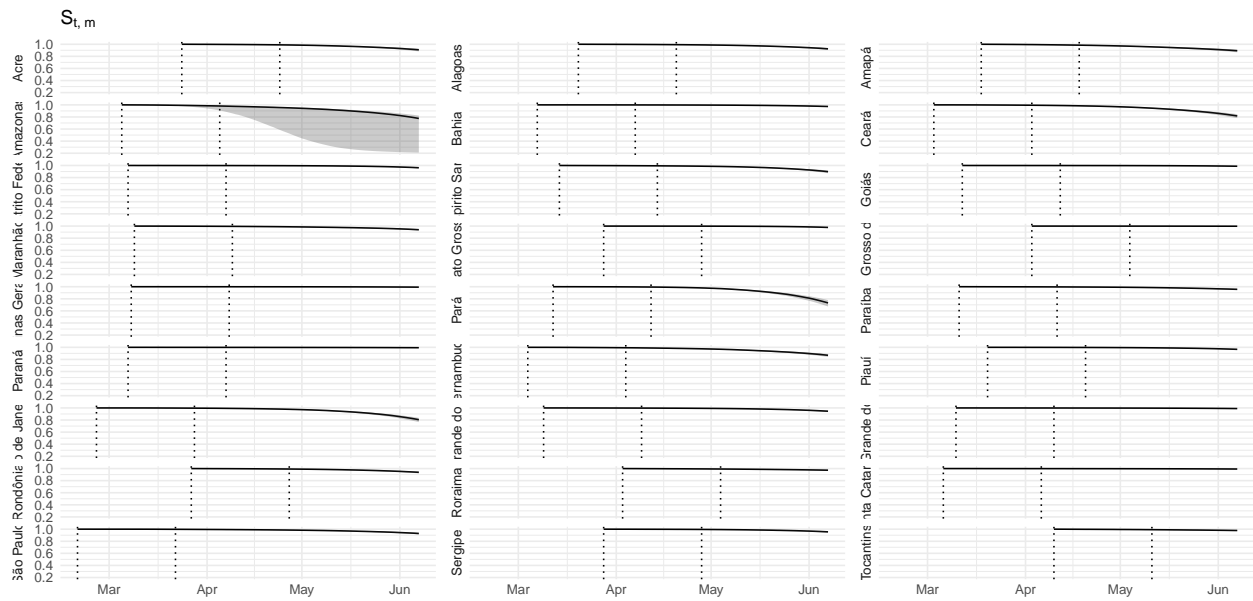
Vertical dotted lines represent the first seeding day and the epidemic start date.

$R_{t,m}$ on the last day

BR

Solid black line: observed new deaths. Grey ribbon: posterior predicted new deaths.
Vertical dotted lines represent the first seeding day and the epidemic start date.

Imputed Cases

BR

Amazonas	
Pernambuco	
Espírito Santo	
Alagoas	
Roraima	
Maranhão	
Tocantins	
Pará	
Ceará	
Rio Grande do Sul	
Paraná	
Rondônia	
São Paulo	
Amapá	
Paraíba	
Minas Gerais	
Sergipe	
Goiás	
Acre	
Bahia	
Rio de Janeiro	
Santa Catarina	
Piauí	
Rio Grande do Norte	
Distrito Federal	
Mato Grosso	
Mato Grosso do Sul	

0   300   600   900   1200

IFR

BR

Espírito Santo	
Roraima	
Alagoas	
Tocantins	
Maranhão	
Paraná	
Rio Grande do Sul	
Minas Gerais	
Paraíba	
Rondônia	
Acre	
Goiás	
Sergipe	
Santa Catarina	
Amapá	
Bahia	
Piauí	
Pernambuco	
Rio Grande do Norte	
Mato Grosso	
Mato Grosso do Sul	
São Paulo	
Distrito Federal	
Ceará	
Rio de Janeiro	
Pará	
Amazonas	

0.002   0.004   0.006   0.008