## Reproduction number estimate using Time-Dependent method

Data is taken from the Department of Italian Civil Protection for key transmission parameters of an institutional outbreak during the 2020 SARS-Cov2 pandemic in Italy

Italy = 1.09937137385746

Abruzzo = 1.35125363538732

Campania = 1.45728328759232

EmiliaRomagna = 0.844930325898578

FriuliVeneziaGiulia = 1.5566313361489499

Lazio = 1.05982685844531

Liguria = 0.825876972750625

Lombardia = 1.03100250520087

Marche = 1.32445578517532

Piemonte = 1.19062659624127

Sicilia = 1.2917450244014999

Toscana = 1.11469283593004

Veneto = 1.11893282679006

Napoli = 1.47541889889688

Piacenza = 0.416113985914363

Parma = 0.7492401222222671

ReggionellEmilia = 0.6411829283809829

Modena = 1.114541956515

Bologna = 0.940447241141769

ForlìCesena = 0.7602135142613271

Rimini = 1.05630080279757

Roma = 1.03285749725394

Genova = 1.3732029996453898

Varese = 1.5284878049473403

Como = 0.35586510134315297

Milano = 0.986430369179263

Bergamo = 1.05758079798434

Brescia = 1.02497274100467

Pavia = 0.0

Cremona = 0.0

Mantova = 0.0

Lodi = 0.0

MonzaedellaBrianza = 0.724560964337039

Torino = 1.21848300778232

Firenze = 0.878794973784813

Verona = 1.28891922423607

Treviso = 1.08886224204454

Venezia = 0.9818426299038179