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

- ID 1, Italy R0(t) = 0.909
- ID 2, Abruzzo R0(t) = 1.180
- ID 4, Calabria R0(t) = 1.044
- ID 5, Campania R0(t) = 1.016
- ID 6, EmiliaRomagna R0(t) = 0.793
- ID 7, FriuliVeneziaGiulia R0(t) = 0.720
- ID 8, Lazio R0(t) = 1.000
- ID 9, Liguria R0(t) = 0.870
- ID 10, Lombardia R0(t) = 0.809
- ID 11, Marche R0(t) = 0.785
- ID 13, P.A.Bolzano R0(t) = 0.798
- ID 14, P.A.Trento R0(t) = 0.810
- ID 15, Piemonte R0(t) = 0.894
- ID 16, Puglia R0(t) = 0.871
- ID 17, Sardegna R0(t) = 1.011
- ID 18, Sicilia R0(t) = 0.969
- ID 19, Toscana R0(t) = 0.912
- ID 20, Umbria R0(t) = 0.854
- ID 22, Veneto R0(t) = 0.894
- ID 25, Pescara R0(t) = 1.337
- ID 36, Napoli R0(t) = 1.130
- ID 39, Piacenza R0(t) = 1.074
- ID 40, Parma R0(t) = 0.860
- ID 41, ReggionellEmilia R0(t) = 0.853
- ID 42, Modena R0(t) = 0.945
- ID 43, Bologna R0(t) = 0.920
- ID 44, Ferrara R0(t) = 1.009
- ID 45, Ravenna R0(t) = 0.846
- ID 46, ForliCesena R0(t) = 0.864
- ID 47, Rimini R0(t) = 0.690
- ID 54, Roma R0(t) = 1.086
- ID 55, Latina R0(t) = 1.406
- ID 57, Imperia R0(t) = 0.910
- ID 58, Savona R0(t) = 0.678
- ID 59, Genova R0(t) = 1.260
- ID 60, LaSpezia R0(t) = 0.844
- ID 61, Varese R0(t) = 0.924
- ID 62, Como R0(t) = 0.691
- ID 63, Sondrio R0(t) = 1.665
- ID 64, Milano R0(t) = 0.923
- ID 65, Bergamo R0(t) = 0.962
- ID 66, Brescia R0(t) = 0.908
- ID 67, Pavia R0(t) = 1.194
- ID 68, Cremona R0(t) = 0.469
- ID 69, Mantova R0(t) = 0.802
- ID 70, Lecco R0(t) = 0.834
- ID 71, Lodi R0(t) = 0.744
- ID 72, MonzaedellaBrianza R0(t) = 0.869
- ID 73, PesaroeUrbino R0(t) = 0.685

- ID 80, Bolzano R0(t) = 0.931
- ID 81, Trento R0(t) = 0.975
- ID 82, Torino R0(t) = 1.102
- ID 83, Vercelli R0(t) = 1.070
- ID 84, Novara R0(t) = 0.948
- ID 85, Cuneo R0(t) = 0.928
- ID 87, Alessandria R0(t) = 0.885
- ID 91, Bari R0(t) = 0.889
- ID 102, Palermo R0(t) = 1.301
- ID 113, Firenze R0(t) = 1.136
- ID 119, Prato R0(t) = 0.928
- ID 123, Verona R0(t) = 1.014
- ID 124, Vicenza R0(t) = 1.091
- ID 126, Treviso R0(t) = 1.024
- ID 127, Venezia R0(t) = 1.050
- ID 128, Padova R0(t) = 1.345