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

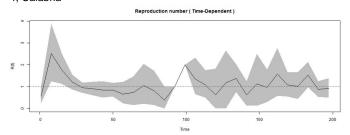
- ID 1, Italy R0(t) = 0.909
- ID 2, Abruzzo R0(t) = 1.180
- ID 4, Calabria R0(t) = 1.044
- ID 5, Campania R0(t) = 1.016
- ID 6, EmiliaRomagna R0(t) = 0.793
- ID 7, FriuliVeneziaGiulia R0(t) = 0.720
- ID 8, Lazio R0(t) = 1.000
- ID 9, Liguria R0(t) = 0.870
- ID 10, Lombardia R0(t) = 0.809
- ID 11, Marche 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

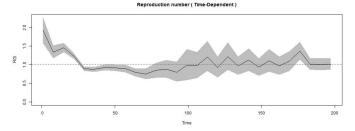
1, Italy

Reproduction number (Time-Dependent)

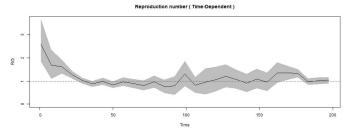
4, Calabria



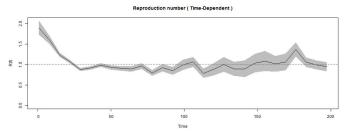
6, EmiliaRomagna



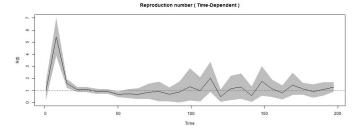
8, Lazio



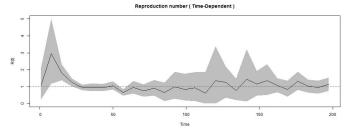
10, Lombardia



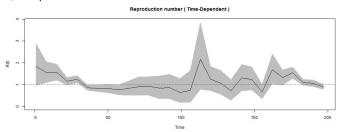
13, P.A.Bolzano



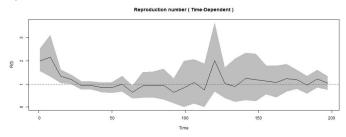
2, Abruzzo



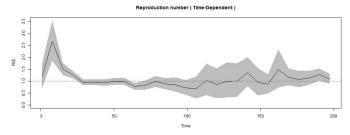
5, Campania



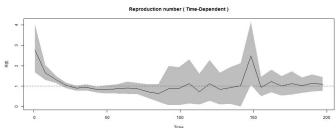
7, FriuliVeneziaGiulia



9, Liguria



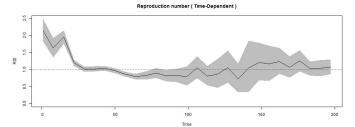
11, Marche



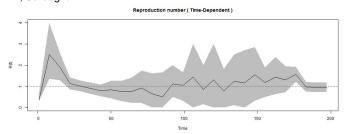
14, P.A.Trento



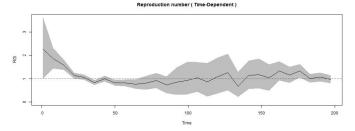
15, Piemonte



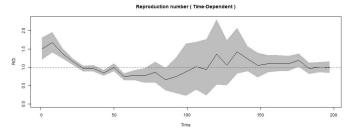
17, Sardegna



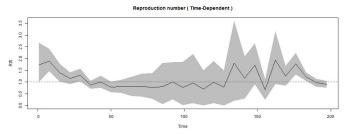
19, Toscana



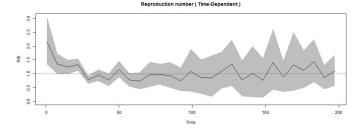
22, Veneto



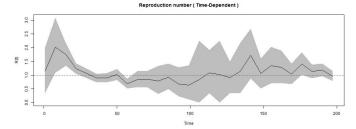
36, Napoli



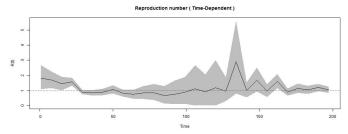
40, Parma



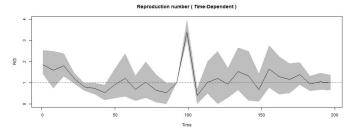
16, Puglia



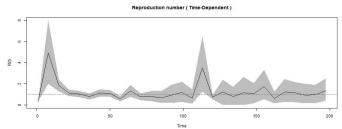
18, Sicilia



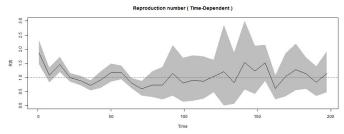
20, Umbria



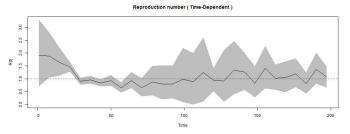
25, Pescara



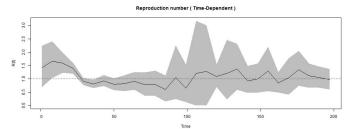
39, Piacenza



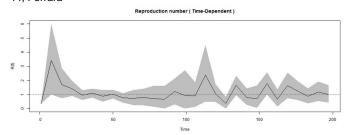
41, ReggionellEmilia



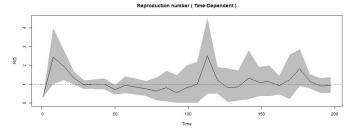
42, Modena



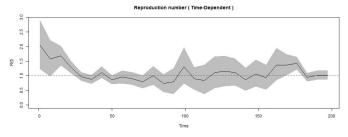
44, Ferrara



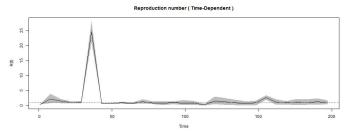
46, ForliCesena



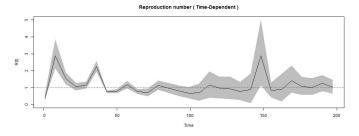
54, Roma



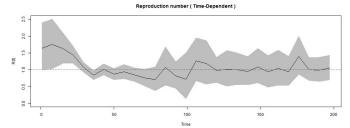
57, Imperia



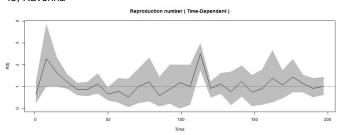
59, Genova



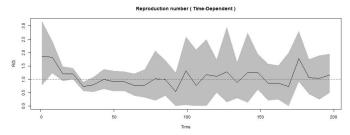
43, Bologna



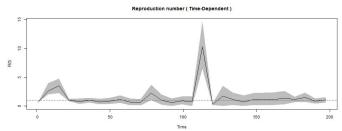
45, Ravenna



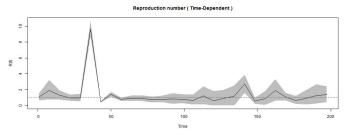
47, Rimini



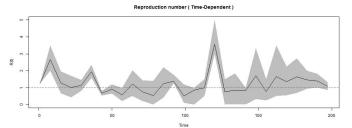
55, Latina



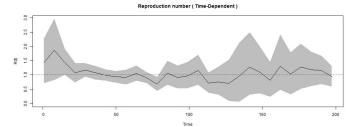
58, Savona



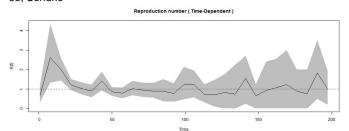
60, LaSpezia



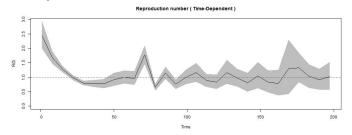
61, Varese



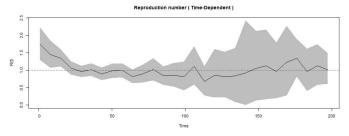
63, Sondrio



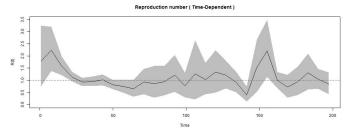
65, Bergamo



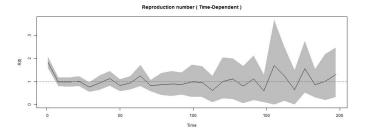
67, Pavia



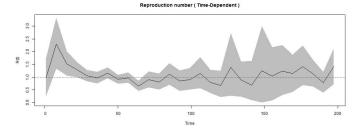
69, Mantova



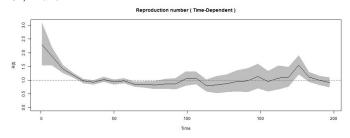
71, Lodi



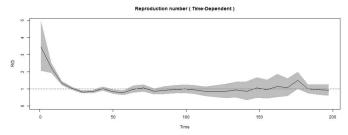
62, Como



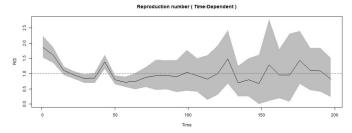
64, Milano



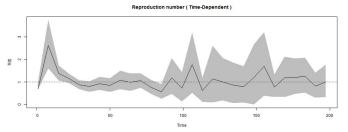
66, Brescia



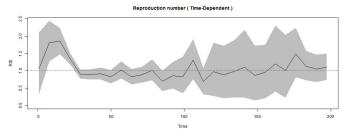
68, Cremona



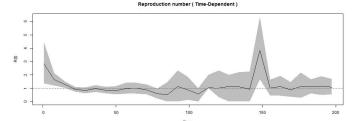
70, Lecco



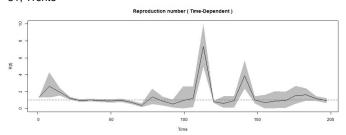
72, MonzaedellaBrianza



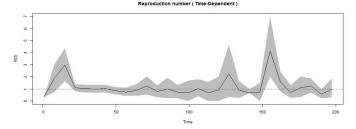
73, PesaroeUrbino



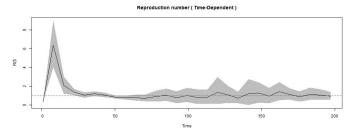
81, Trento



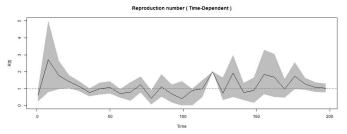
83, Vercelli



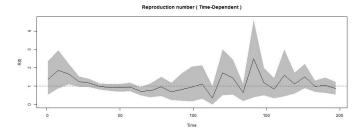
85, Cuneo



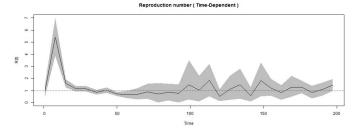
91, Bari



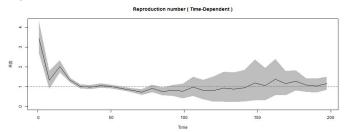
113, Firenze



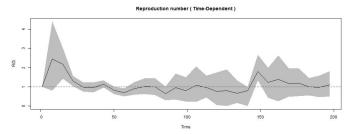
80, Bolzano



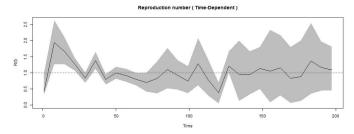
82, Torino



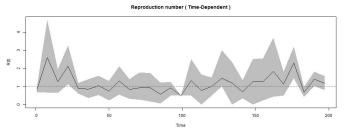
84, Novara



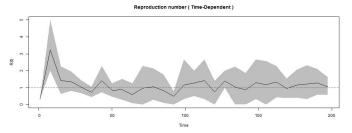
87, Alessandria



102, Palermo

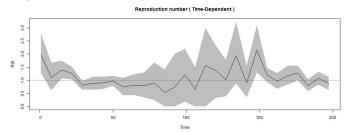


119, Prato

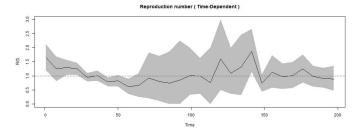


123, Verona

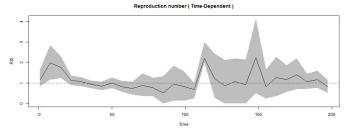
126, Treviso



128, Padova



124, Vicenza



127, Venezia

