

Report EDPs HCV

for the meeting in 07/08/21(mes/dia)

DE 11 parameters for 8 days of simulation

PATBXX e CXX maxiter100 popsize 50

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UFJF

- Has been made a DE for 8 days
- Execution time: 59106.9831 seconds
- 50 popsize 100 maxiter Parameters and bounds:
 - $\epsilon_r = (0.1, 0.99)$ $\epsilon_{\alpha} = (0.1, 0.99)$ $\epsilon_s = (0.1, 0.99)$
 - $\alpha = 20,60$ // $r = 0.1, 10$ // $\delta = (0.01, 2)$ // $\mu_c = (0.1, 2)$
 - $\rho = (1, 15)$
 - $\theta = (1, 2)$
 - $\sigma = (1, 2)$
 - $c = (10, 25)$

Table: Parameters of DEs

Parameters	results
ϵ_r	0.98156267
ϵ_α	0.84048288
ϵ_s	0.98190419
α	21.56477037
r	4.89630923
δ	0.41336158
μ_c	0.33469518
ρ	13.88676903
θ	1.70006392
σ	1.76658719
c	11.18308628
error	0.061086

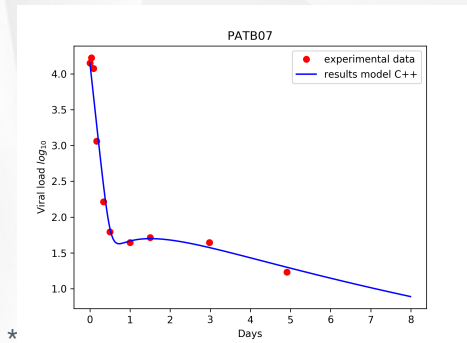


Table: Parameters das DEs

Parameters	results
ϵ_r	0.10913401
ϵ_α	0.56624232
ϵ_s	0.18235541
α	23.38625894
r	0.1085169
δ	0.19301619
μ_c	0.16945515
ρ	3.16315152
θ	1.58292712
σ	1.37987838
c	10.28760089
error	0.04039

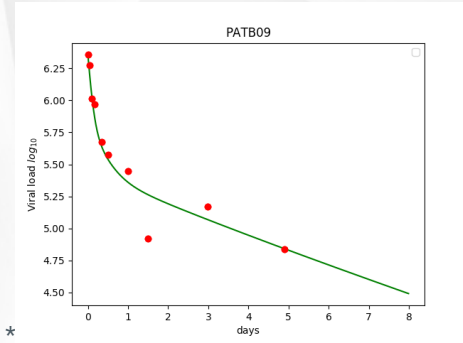


Table: Parameters das DEs

Parameters	results
ϵ_r	0.13231509
ϵ_α	0.85276596
ϵ_s	0.64494253
α	32.87861619
r	5.82721283
δ	0.1521823
μ_c	0.5340823
ρ	12.84616902
θ	1.03839509
σ	1.59181091
c	12.54744969
error	0.0492277

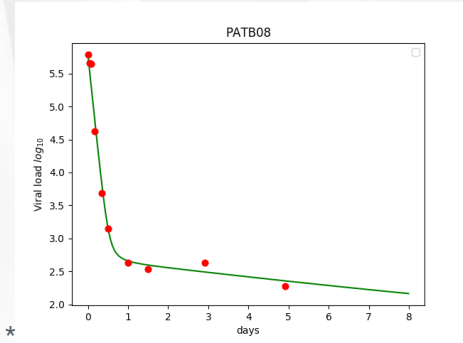


Table: Parameters das DEs

Parameters	results
ϵ_r	0.22180002
ϵ_α	0.19188497
ϵ_s	0.98370764
α	20.37489472
r	3.50278207
δ	0.86479336
μ_c	1.05523751
ρ	13.86097434
θ	1.75409632
σ	1.92212859
c	11.24023732
error	0.071326

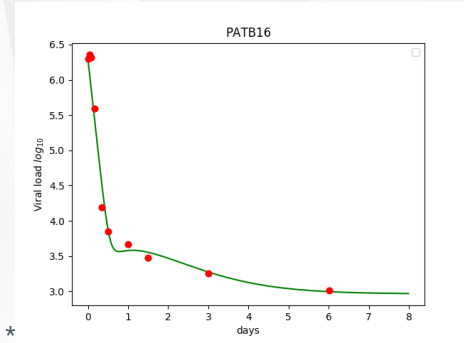


Table: Parameters das DEs

Parameters	results
ϵ_r	0.52213334
ϵ_α	0.71553654
ϵ_s	0.97173176
α	53.96696789
r	3.49846152
δ	0.99463084
μ_c	1.26739641
ρ	11.82016039
θ	1.2023713
σ	1.76838477
c	10.00244143
error	0.09887

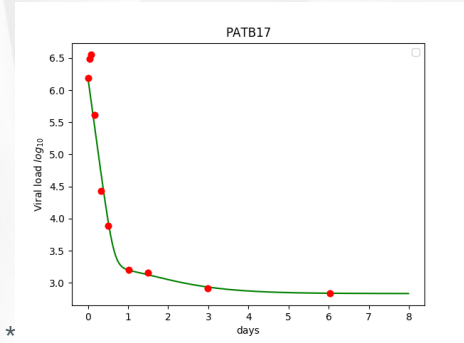


Table: Parameters das DEs

Parameters	results
ϵ_r	0.29191191
ϵ_α	0.83220358
ϵ_s	0.9864726
α	44.4227656
r	2.75136521
δ	1.47322094
μ_c	0.4375029
ρ	7.53112131
θ	1.53665179
σ	1.38476878
c	10.08267574
error	0.073327

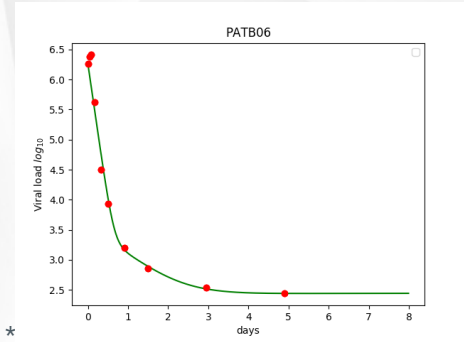


Table: Parameters das DEs

Parameters	results
ϵ_r	0.55387014
ϵ_α	0.81193914
ϵ_s	0.19842489
α	28.29531535
r	6.82039395
δ	0.22693666
μ_c	0.11897197
ρ	11.33354543
θ	1.85385136
σ	1.43795092
c	10.00245583
error	0.076625

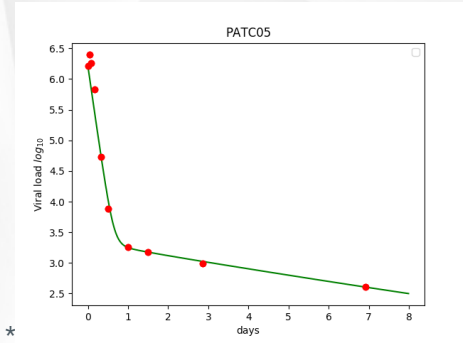


Table: Parameters das DEs

Parameters	results
ϵ_r	0.22731839
ϵ_α	0.96644911
ϵ_s	0.75696487
α	30.85093474
r	4.62074022
δ	0.22526165
μ_c	0.31712111
ρ	9.47433421
θ	1.24957259
σ	1.73691962
c	10.00837386
error	0.0640827

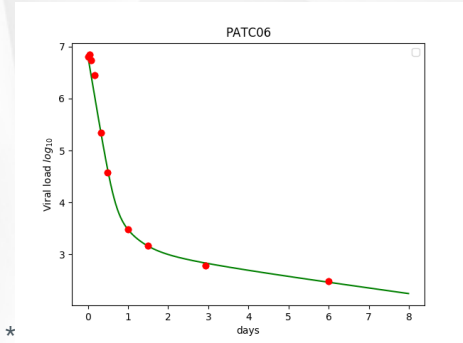


Table: Parameters das DEs

Parameters	results
ϵ_r	0.2864288
ϵ_α	0.83966836
ϵ_s	0.1217267
α	43.969472
r	1.44357305
δ	0.69492007
μ_c	0.2202072
ρ	5.167509689
θ	1.69379056
σ	1.32072105
c	10.00338683
error	0.070756

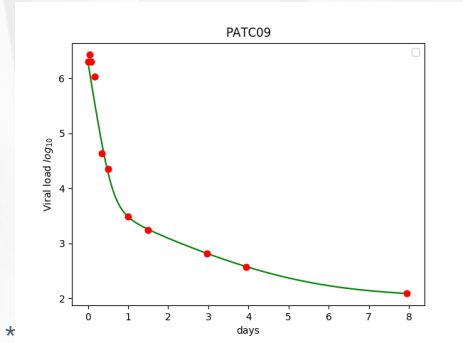


Table: Parameters das DEs

Parameters	results
ϵ_r	0.91412008
ϵ_α	0.92584465
ϵ_s	0.95821606
α	25.1334769
r	2.12234684
δ	0.22813056
μ_c	0.26382177
ρ	10.85085191
θ	1.23614772
σ	1.89389546
c	11.83417401
error	0.06139

