

# **Relatório EDPs HCV**

para a reuniao do dia 05/27/21

**Resultados com DE para 8 dias pacientes BXX CXX**

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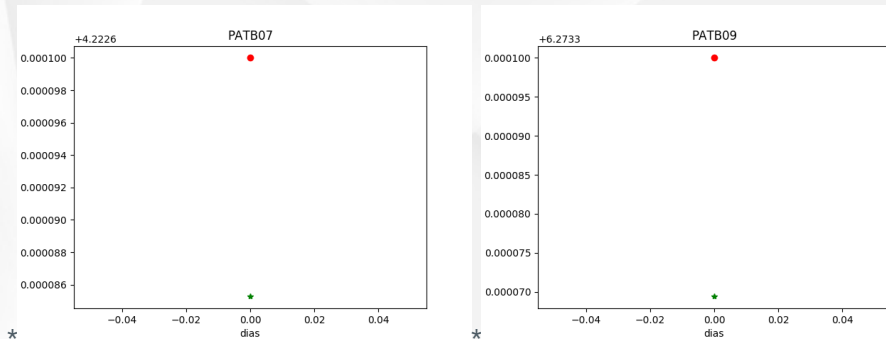
Matheus Avila Moreira de Paula

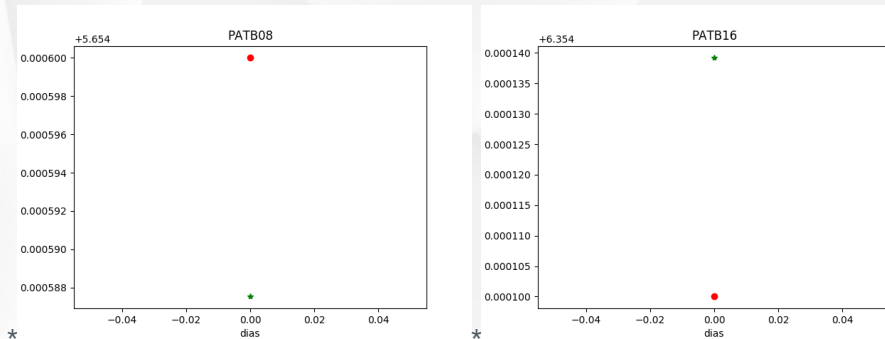
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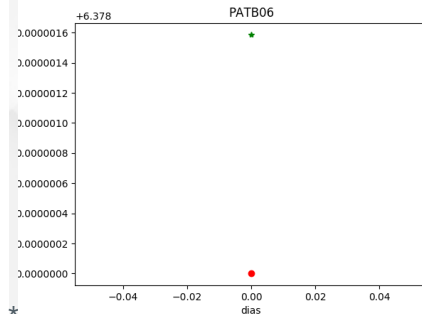
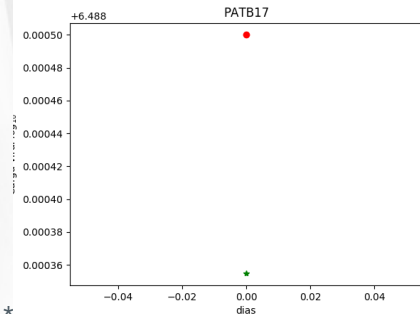
- Primeiro foi feita uma aproximação para o valor de  $V_0$ .
- Parametros e bounds:
  - $\alpha = 20,60$
  - $r = 0,1,10$
  - $\delta = (0,01,2)$
  - $\mu_c = (0,1,2)$
  - $\rho = (1,15)$
- Com os resultados dessa DE foi realizado uma nova DE para 8 dias
- Parametros e bounds:
  - $\epsilon_r = (0,1,0,99)$
  - $\epsilon_\alpha = (0,1,0,99)$

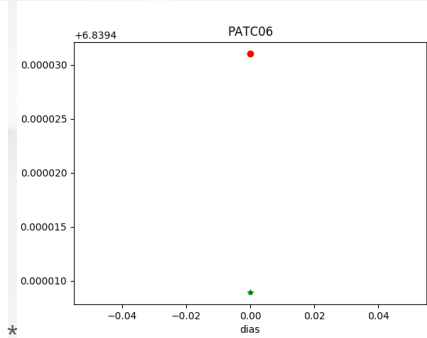
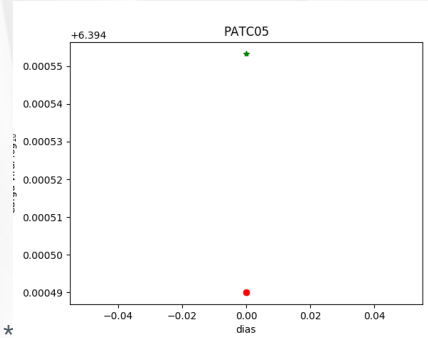
Table: Parametros da primeira DE

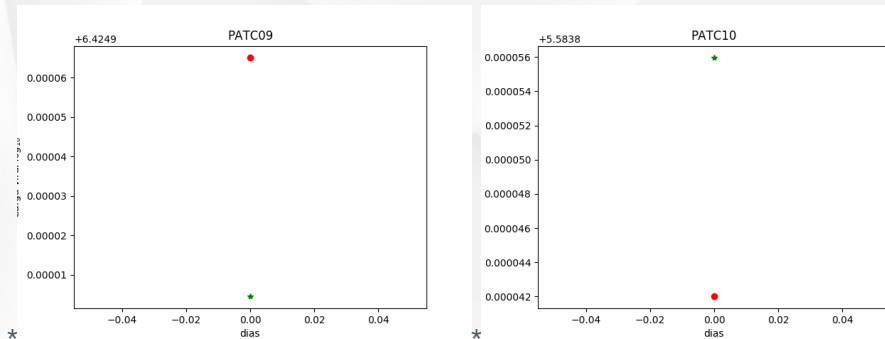
Paciente	$\alpha$	$r$	$\delta$	$\mu_c$	$\rho$	custo
<b>PATB07</b>	48.9	0.14	1.984	1.91	9.151	1.5e-5
<b>PATB09</b>	30.567	1.34	1.046	0.73	14.97	3.06e-5
<b>PATB08</b>	39.497	1.004	1.443	0.85	2.77	1.25e-5
<b>PATB16</b>	39.36	2.091	1.55	1.57	3.72	3.92e-5
<b>PATB17</b>	36.40	2.17	1.51	1.60	14.58	1.45e-4
<b>PATB06</b>	24.25	5.98	1.94	1.83	4.036	1.59e-6
<b>PATC05</b>	31.34	1.75	0.908	1.39	3.899	6.32e-5
<b>PATC06</b>	23.458	5.62	1.76	0.817	13.20	2.21e-5
<b>PATC09</b>	41.336	2.73	1.73	1.10	2.12	6.05e-5
<b>PATC10</b>	33.09	0.37	0.36	1.233	12.170	1.4e-5









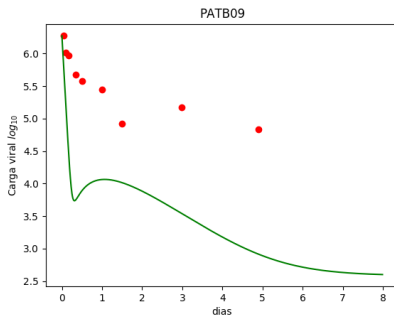
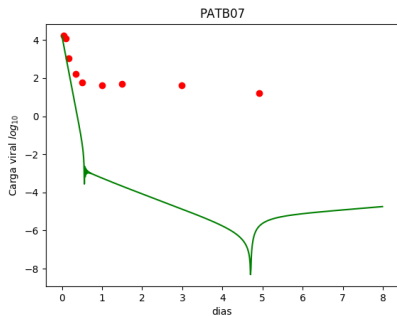




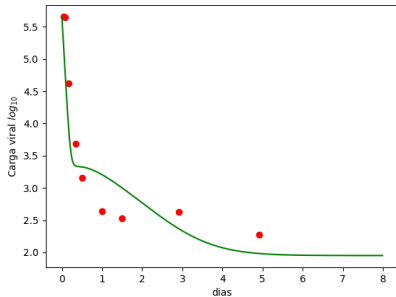
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Table: Parametros da segunda DE

Paciente	$\epsilon_r$	$\epsilon_\alpha$	custo
<b>PATB07</b>	0.101	0.100	1.41
<b>PATB09</b>	0.104	0.101	0.487
<b>PATB08</b>	0.610	0.100	0.183
<b>PATB16</b>	0.108	0.100	0.276
<b>PATB17</b>	0.108	0.100	0.221
<b>PATB06</b>	0.693	0.267	10000(não encontrou nenhum parametro bom)
<b>PATC05</b>	0.108	0.1005	0.252
<b>PATC06</b>	0.106	0.102	0.3025
<b>PATC09</b>	0.795	0.771	10000(não encontrou nenhum parametro bom)
<b>PATC10</b>	0.349	0.101	0.4006

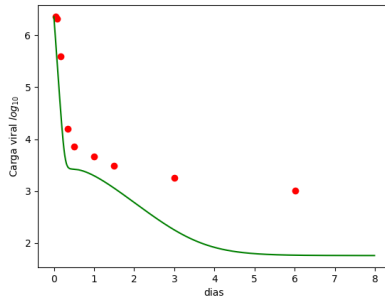


PATB08



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PATB16



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