



Universidade Federal do Ceará

## Modelagem epidemiológica do COVID19 para o Estado do Ceará empregando o modelo SEIIR

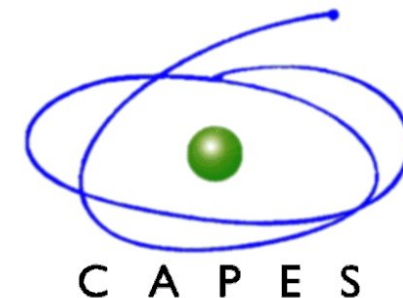
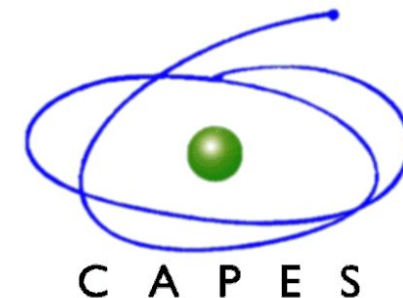
**Equipe Cientista-Chefe de Dados (UFC & CAPP-IPECE):**

**José Soares de Andrade (UFC-Física)**

**Humberto Carmona (UFC-Física)**

**Rilder Pires (CAPP-IPECE-SEPLAG)**

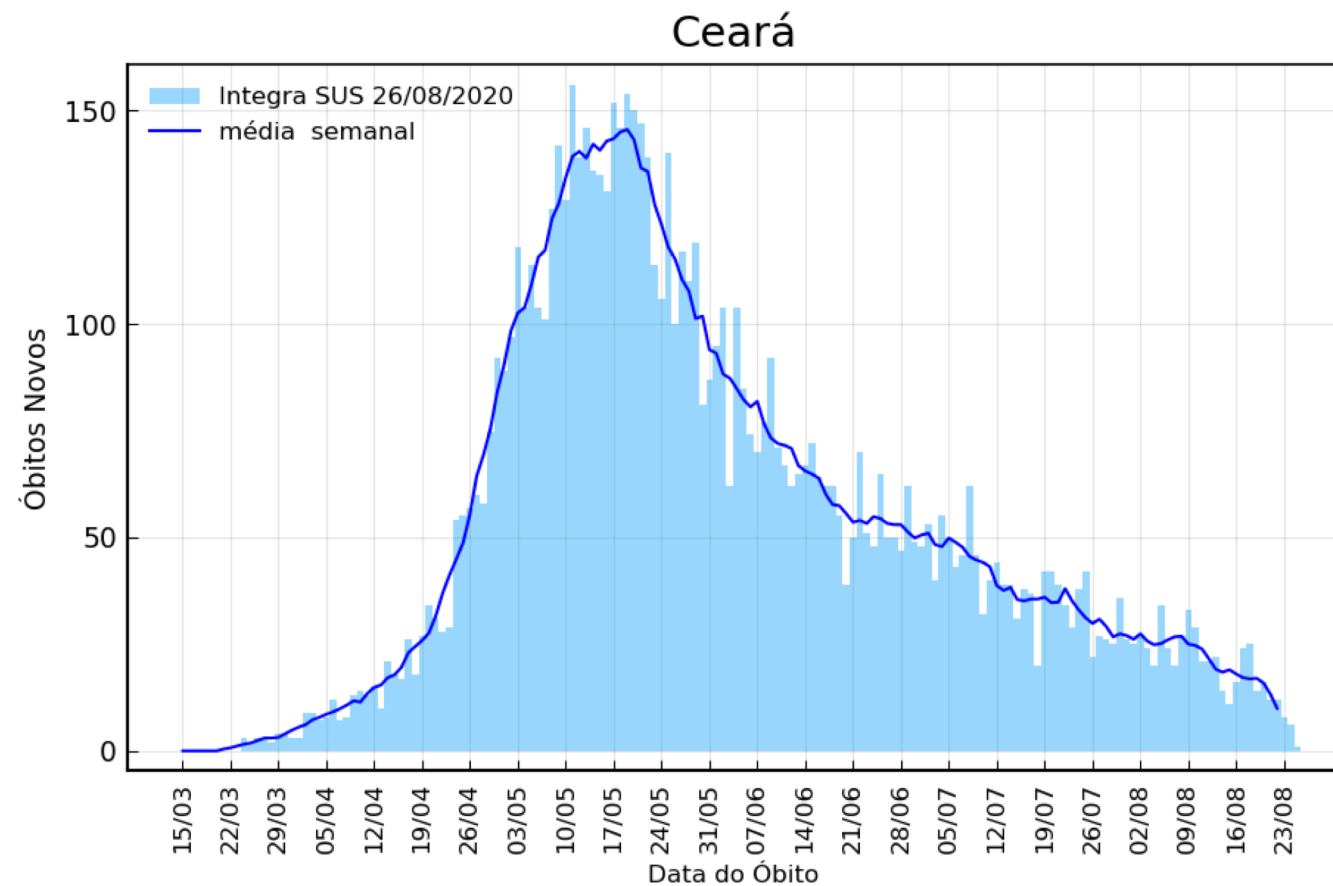
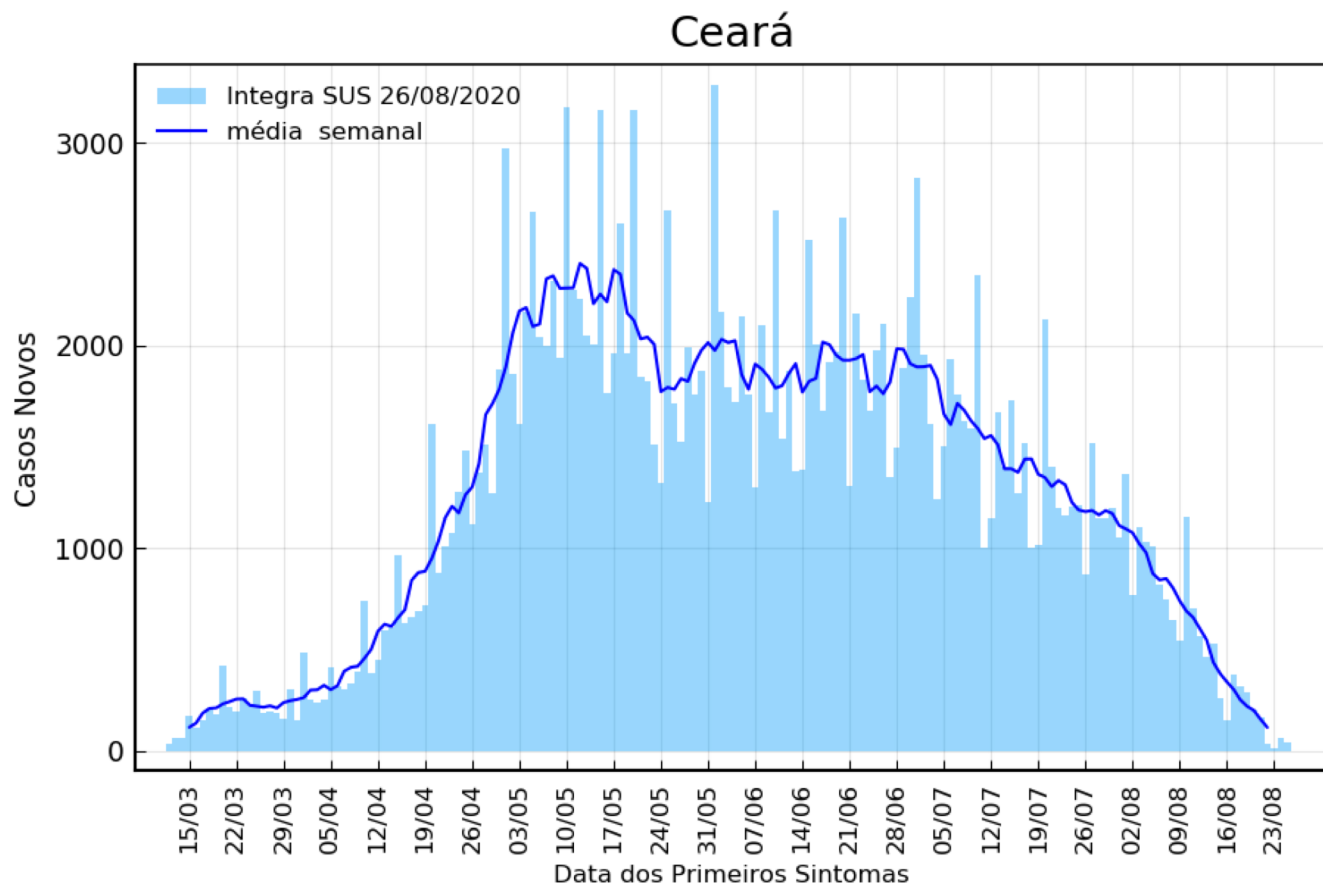
**Saulo Reis (UFC-Física)**



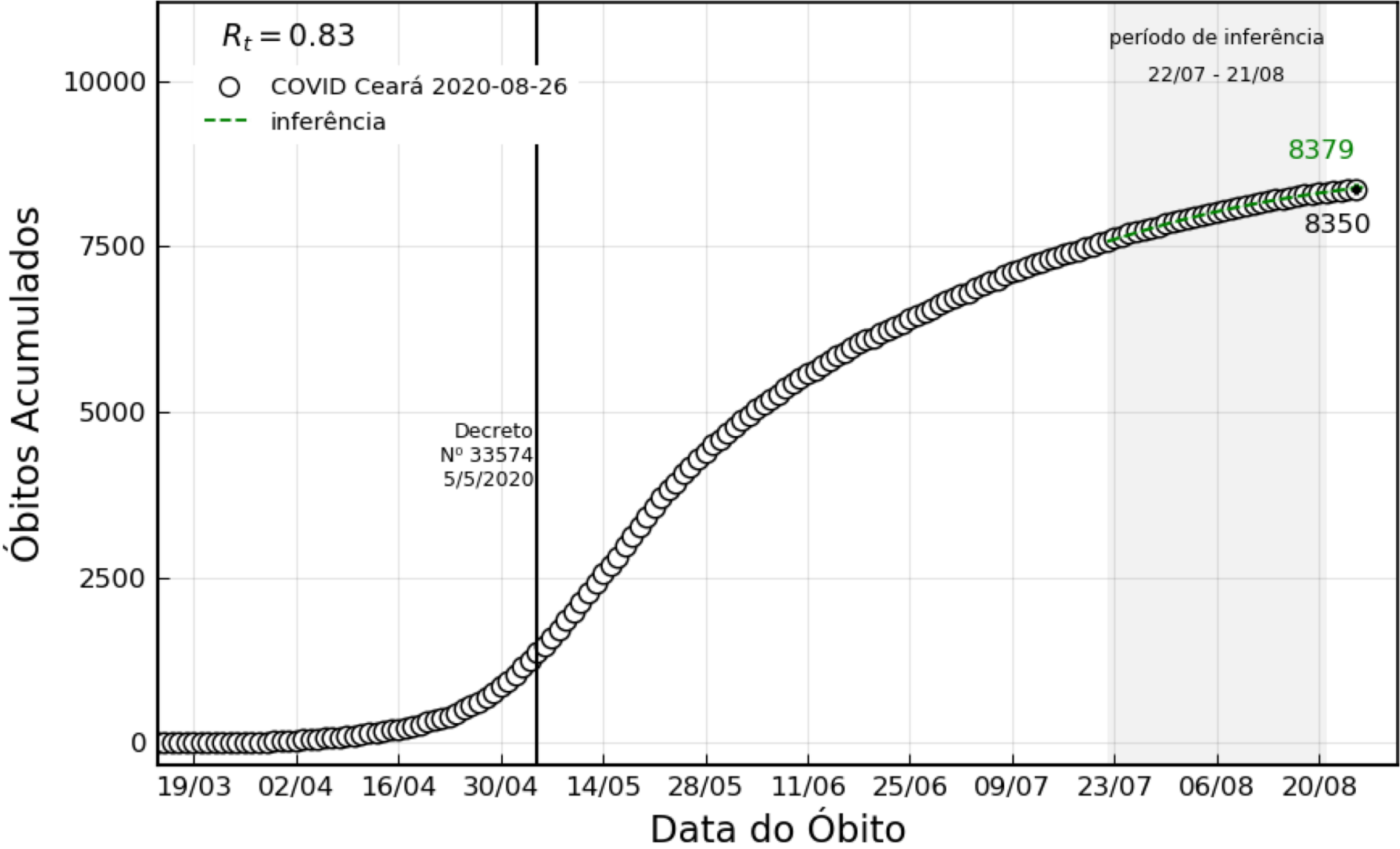
C A P E S

**Ceará**

# Dados atualizados em 26/08/2020



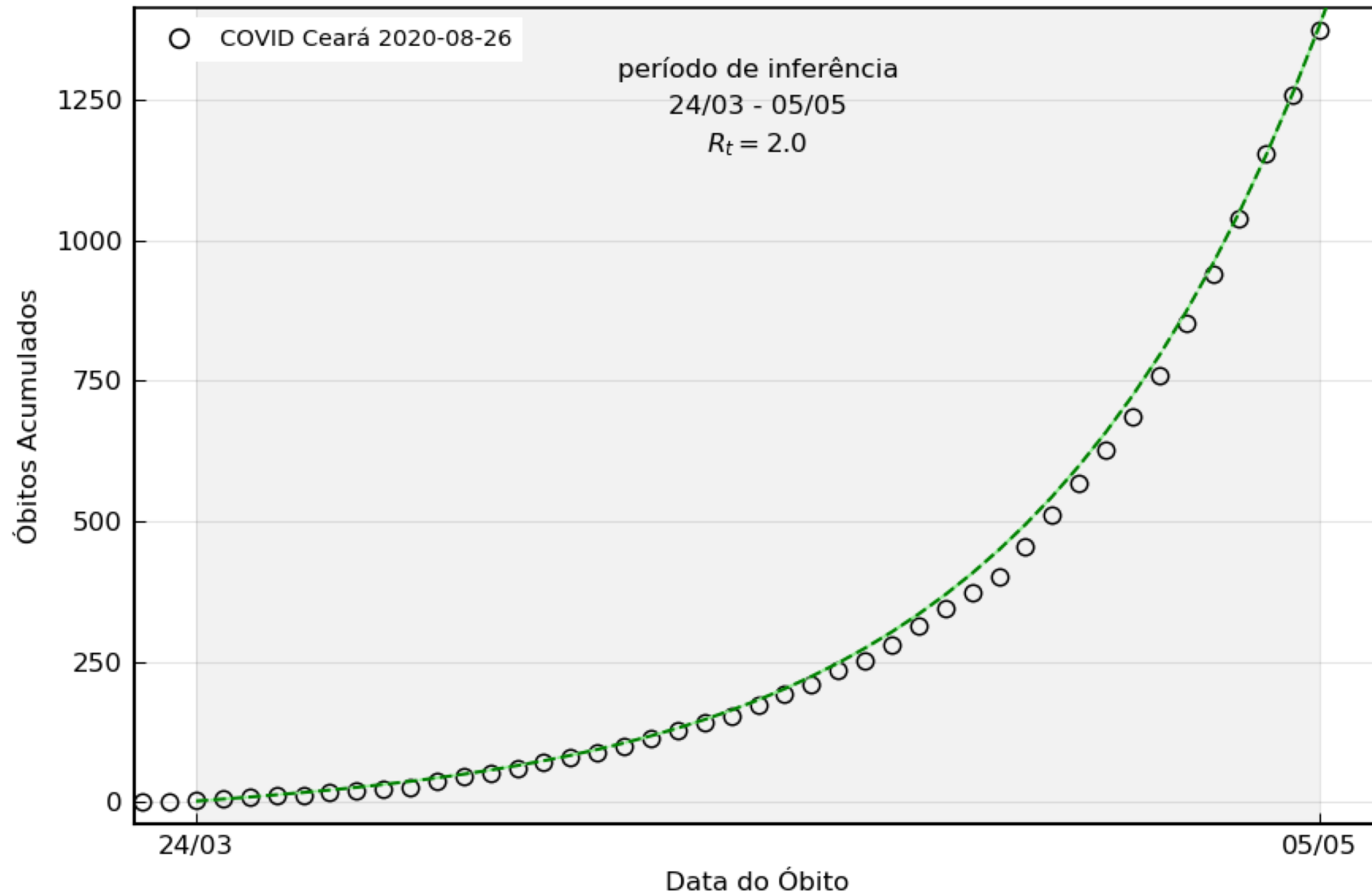
# Ceará



Janela de Inferência	$R_t$
05/05 – 31/05	0.89
12/05 – 12/06	0.80
22/05 – 17/06	0.81
01/06 – 27/06	0.85
01/06 – 06/07	0.88
15/06 – 13/07	0.89
22/06 - 20/07	0.89
29/06 – 27/07	0.87
08/07 – 30/07	0.86
15/07 – 14/08	0.80
22/07 – 21/08	0.83

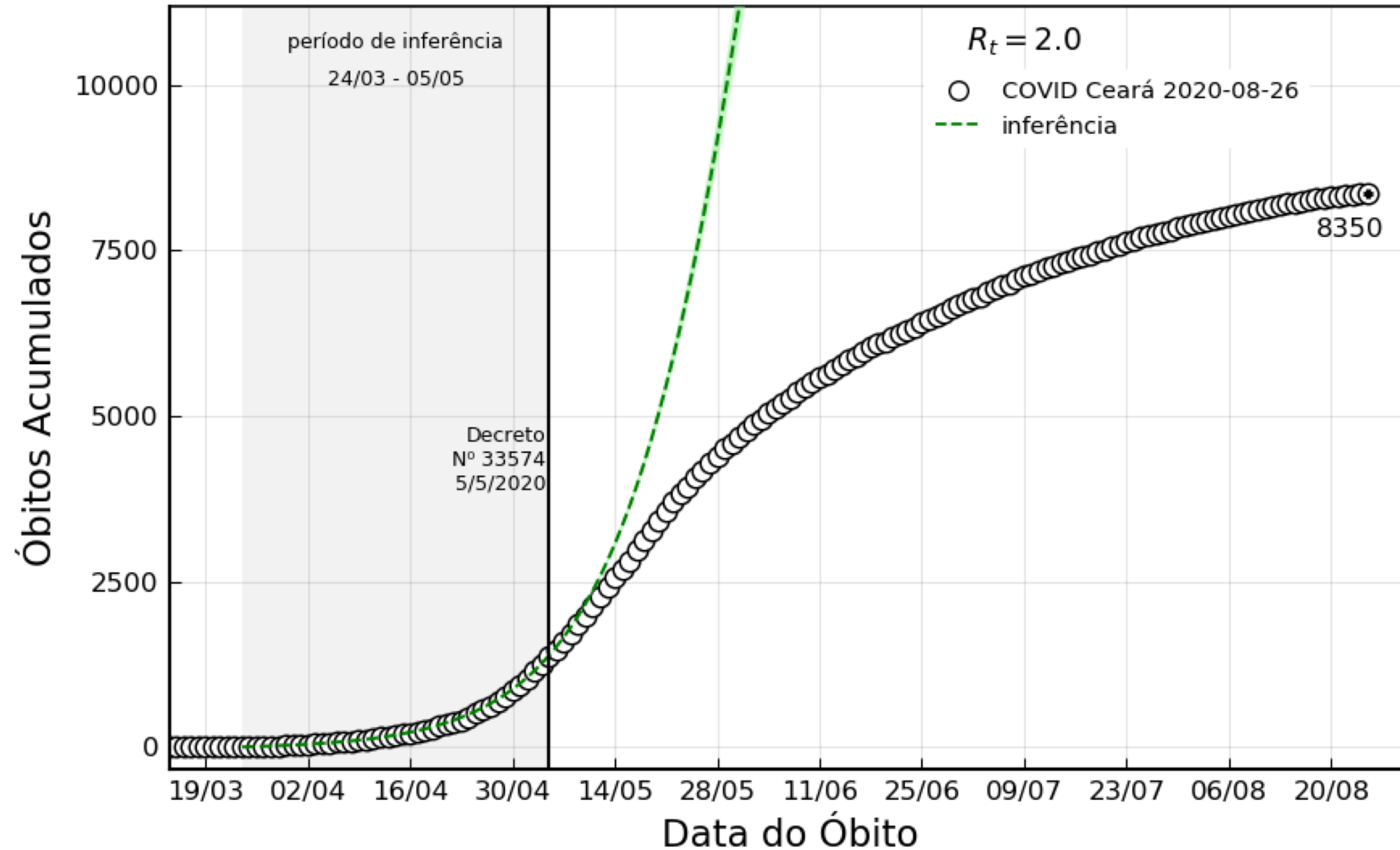
# Inferência Pré-lockdown

## Ceará - Óbitos



# Projeções e Cenários

Ceará



# A martelada !!!



## ECONOMIA

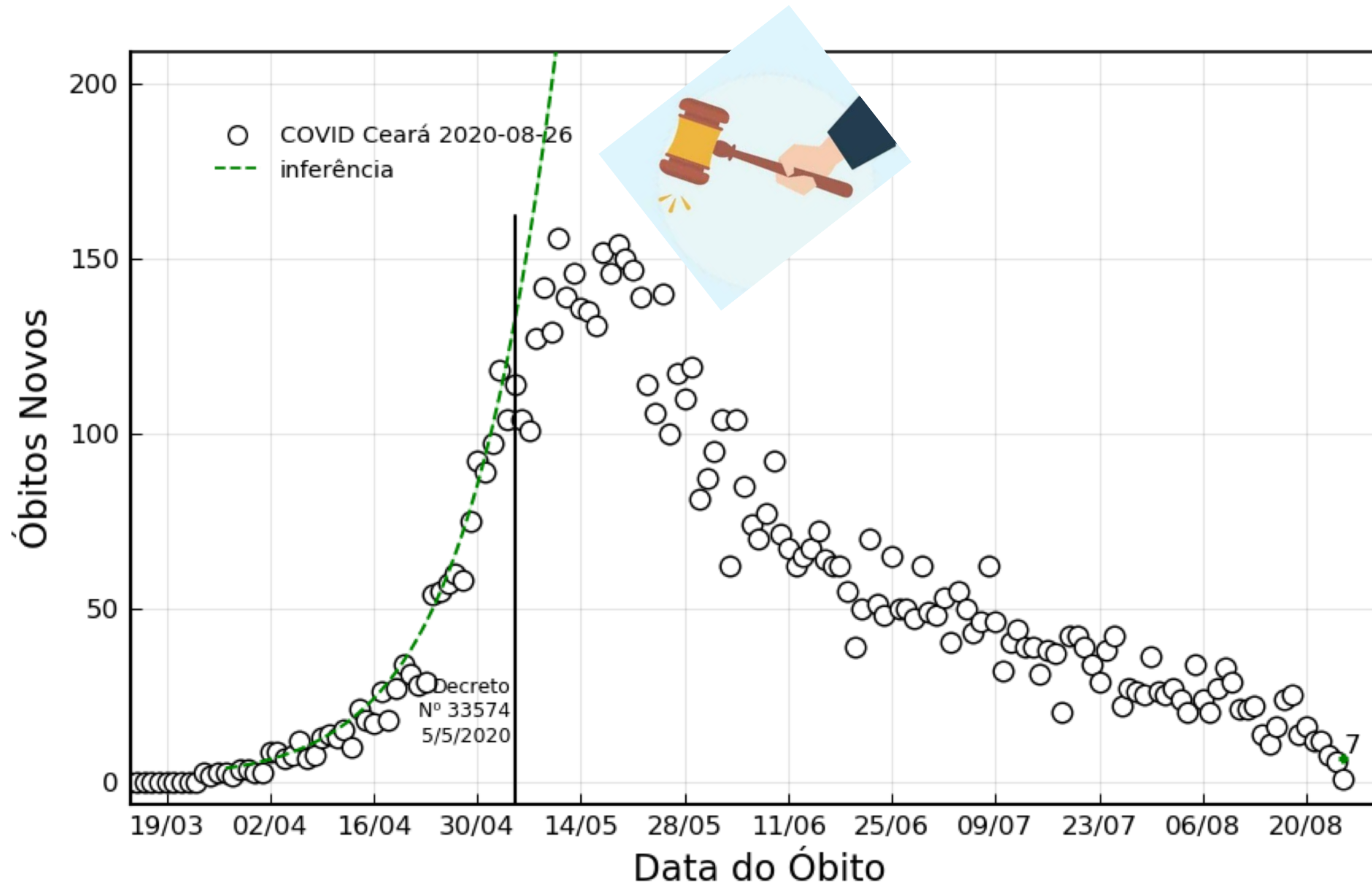
Receita regulariza 11 milhões de CPFs com pendências eleitorais



## DECLARAÇÃO

"Muitas pessoas ainda não perceberam a gravidade da situação", diz Camilo Santana sobre aglomerações

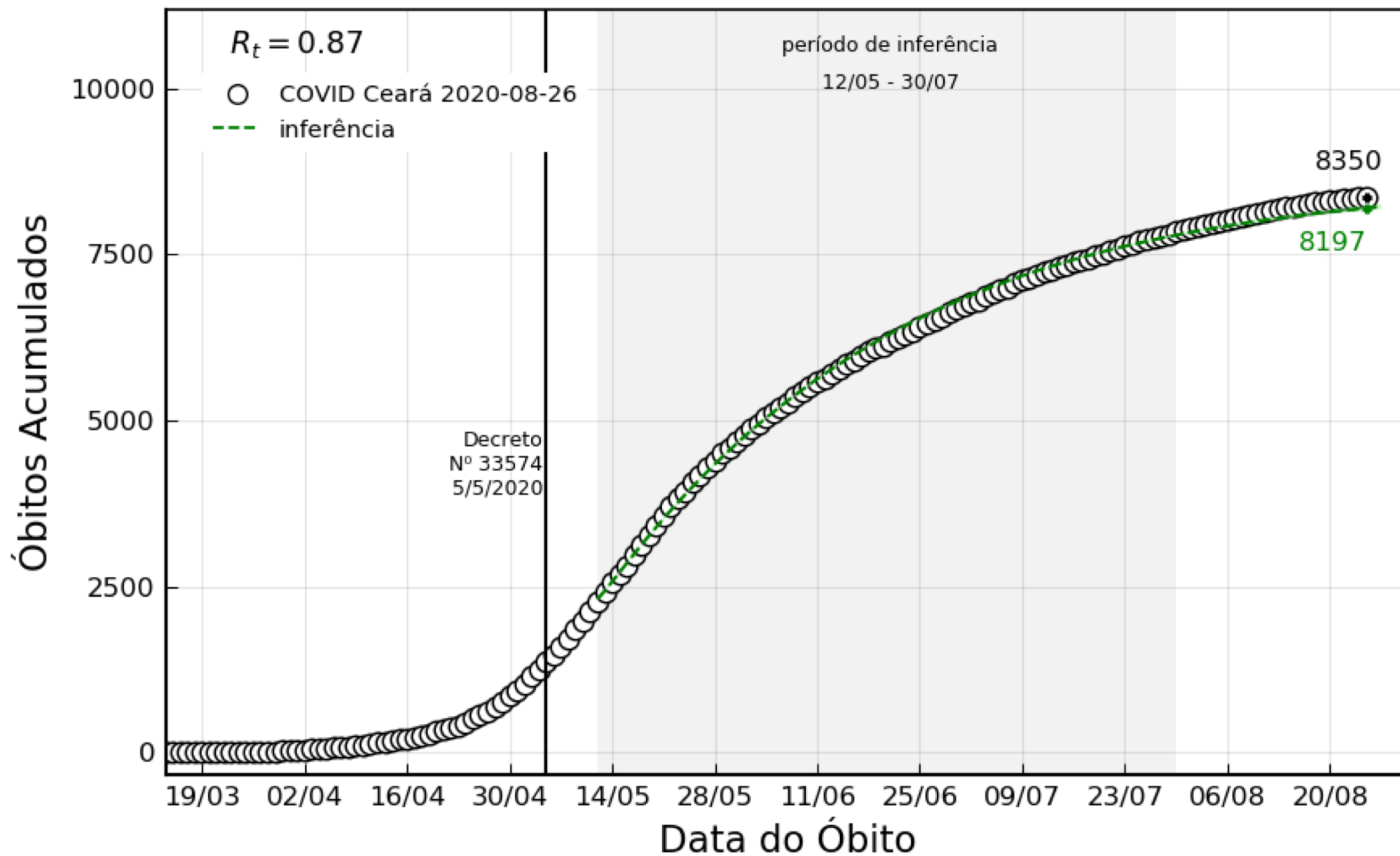
# A martelada !!!





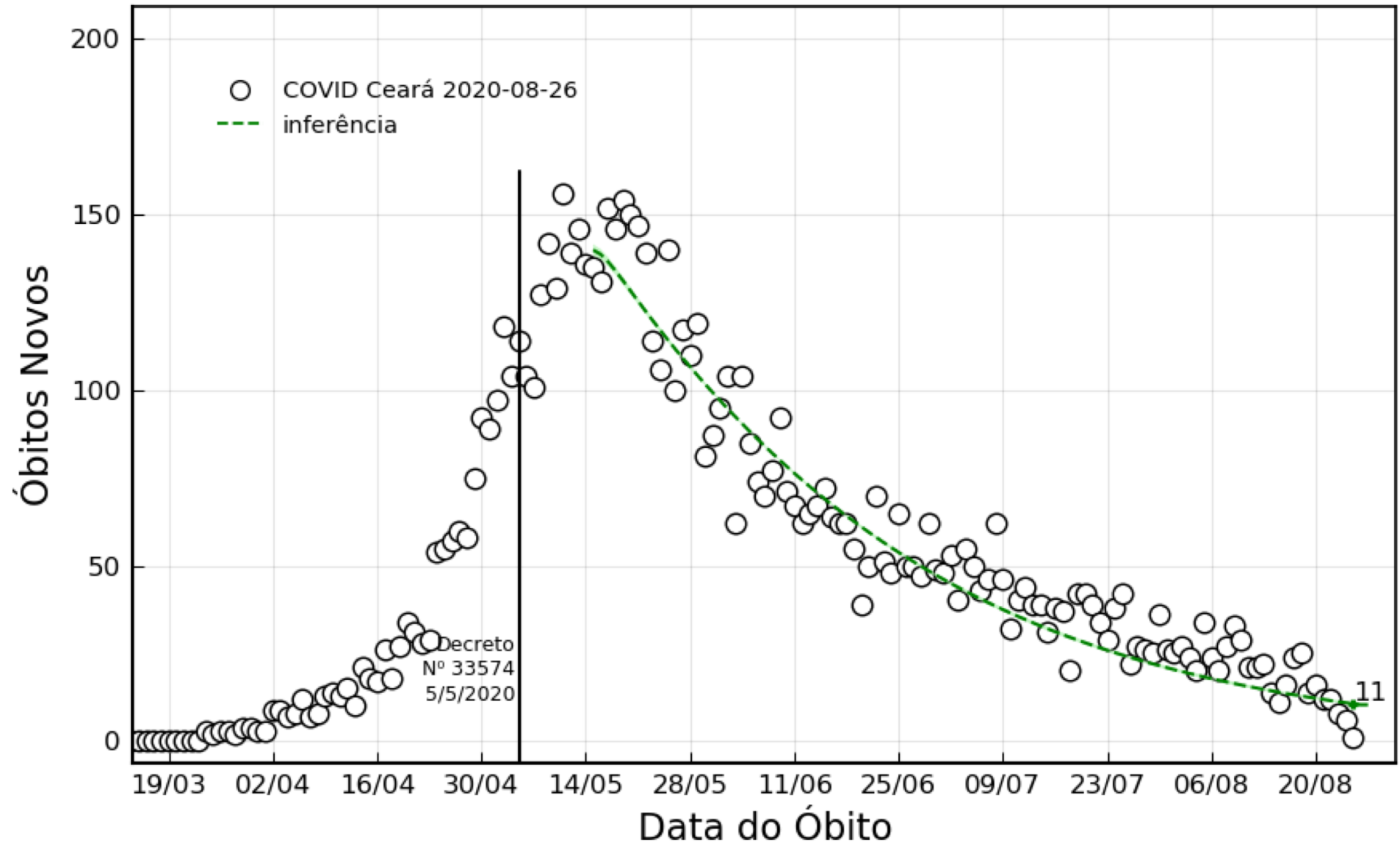
# Inferência Pós-lockdown

Ceará



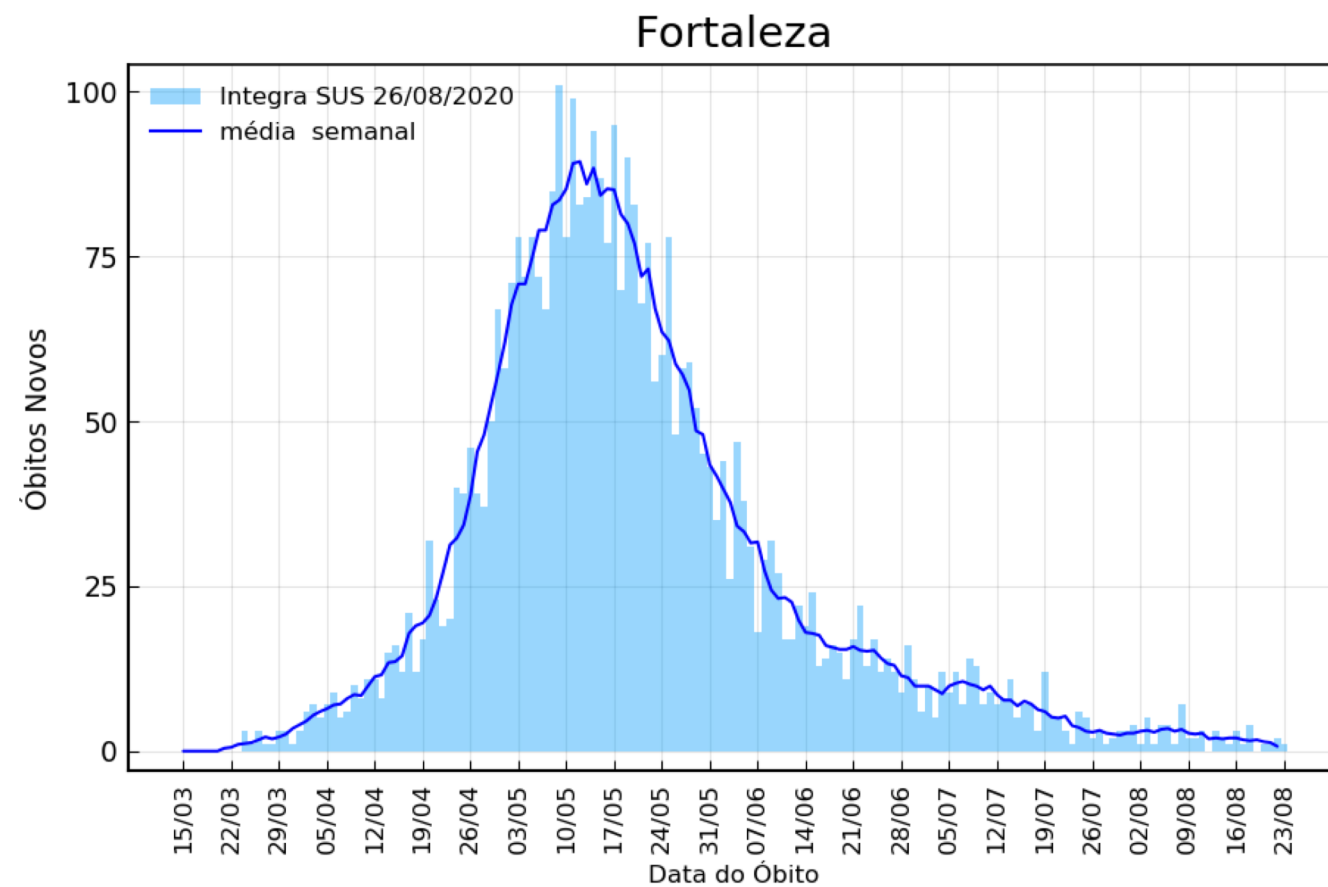
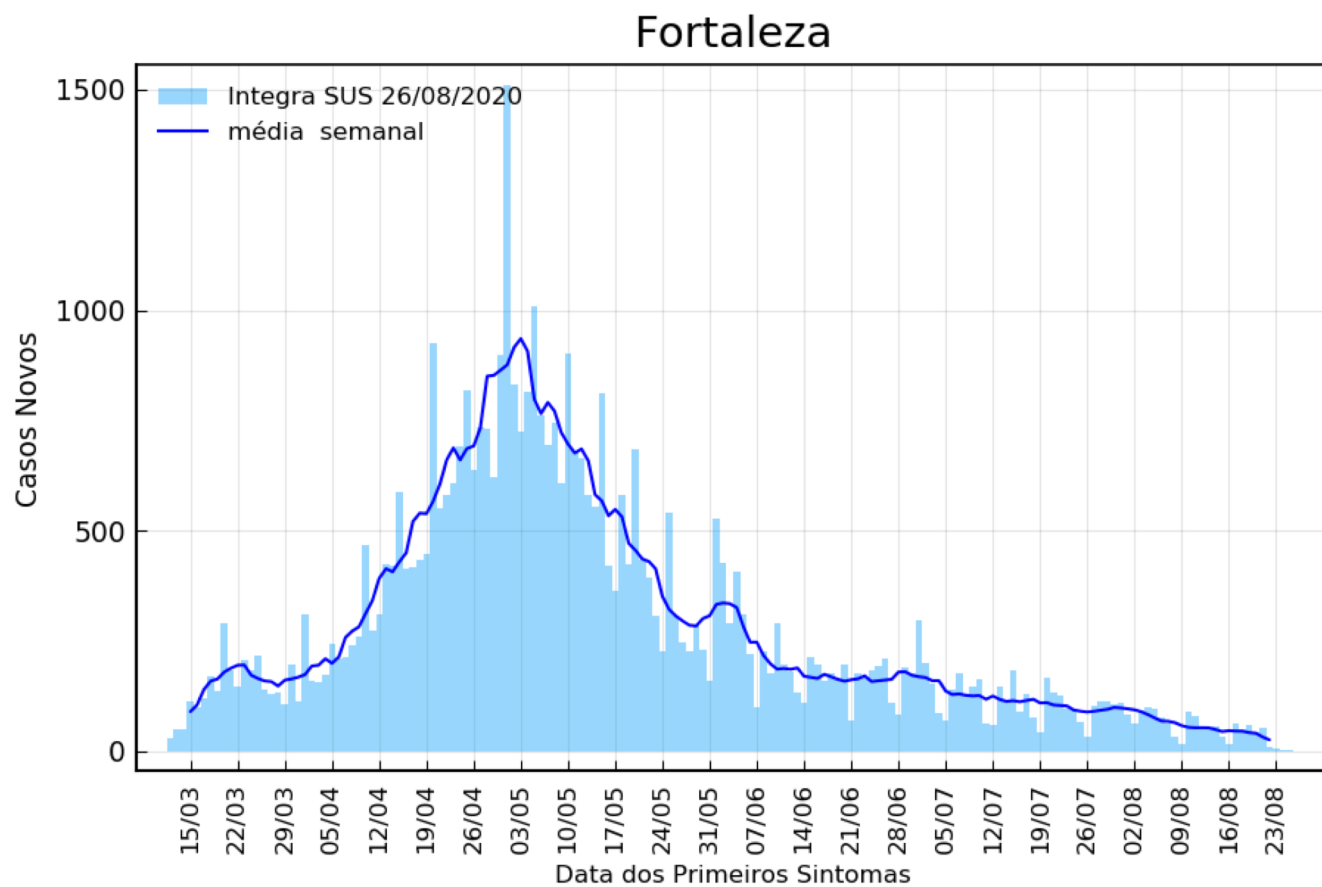
# Inferência Pós-lockdown

Ceará

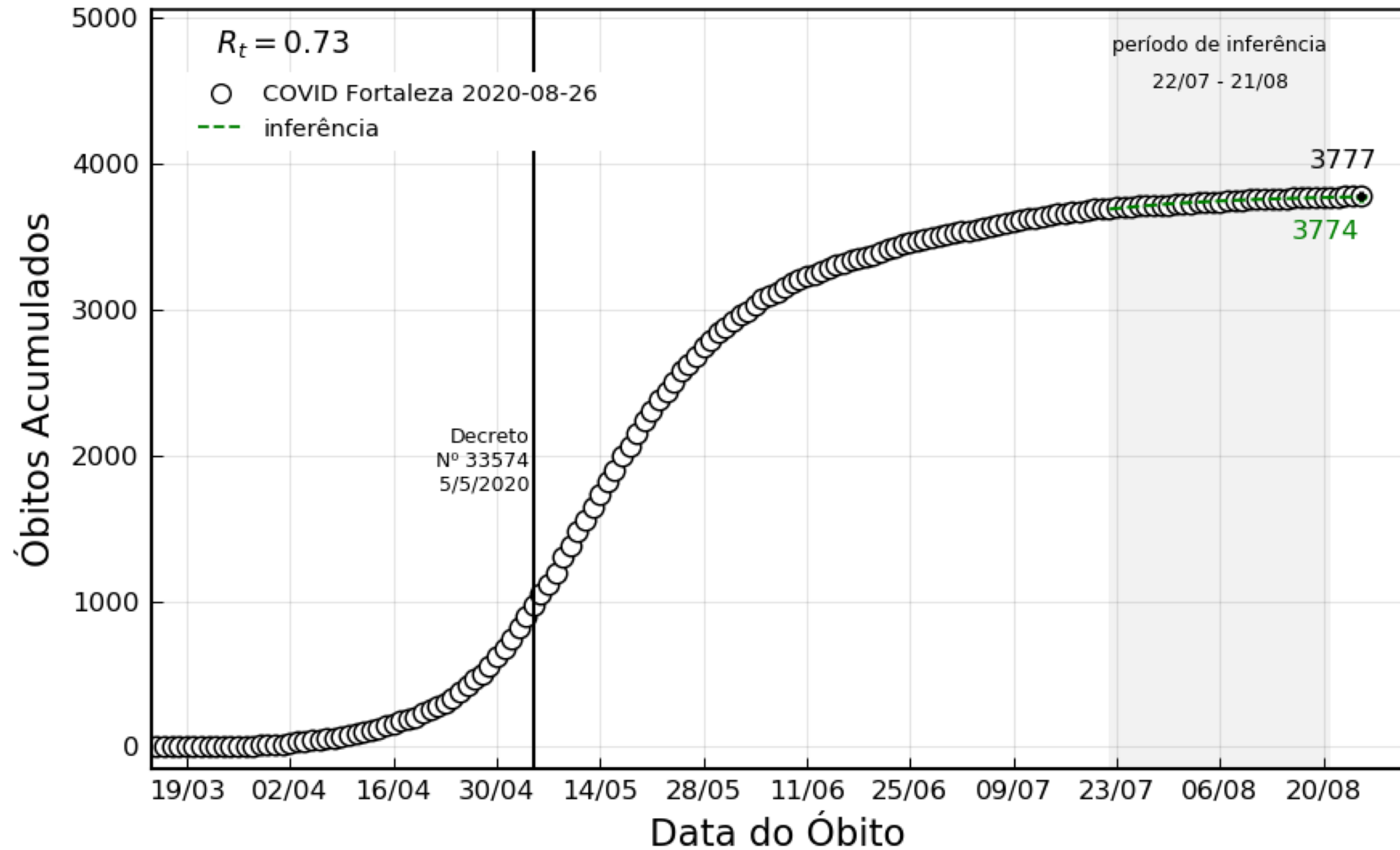


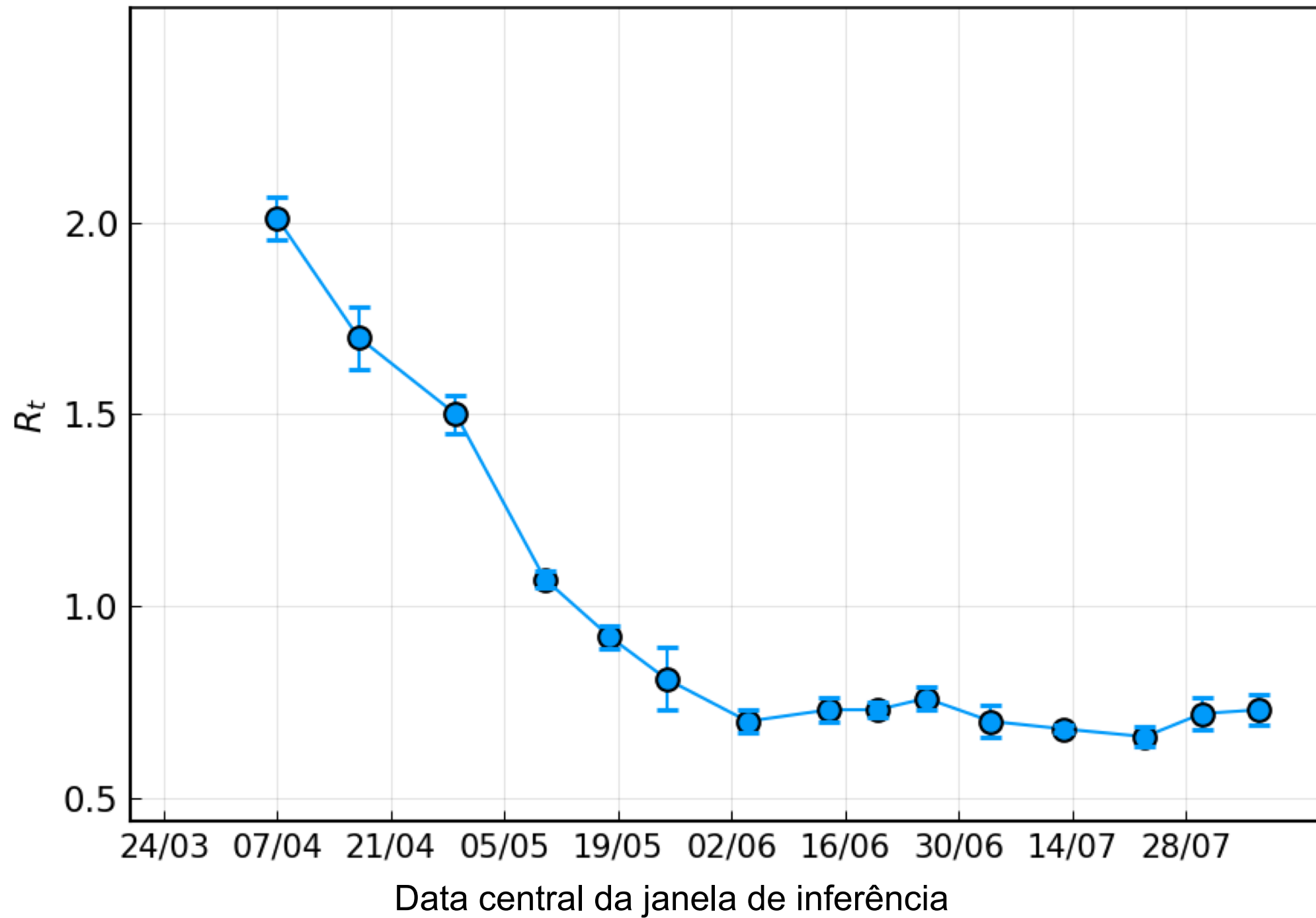
**Fortaleza**

# Dados atualizados em 26/08/2020



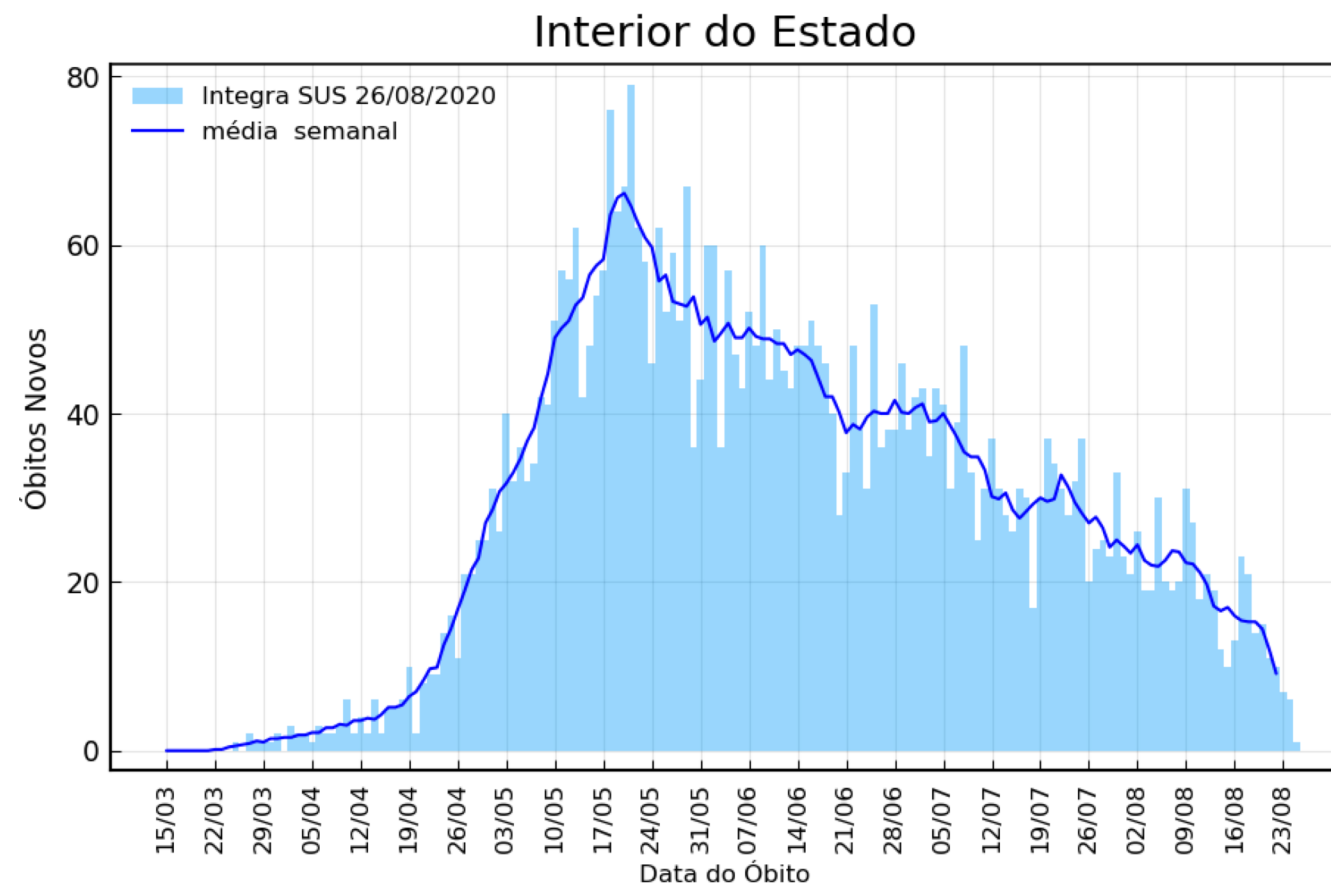
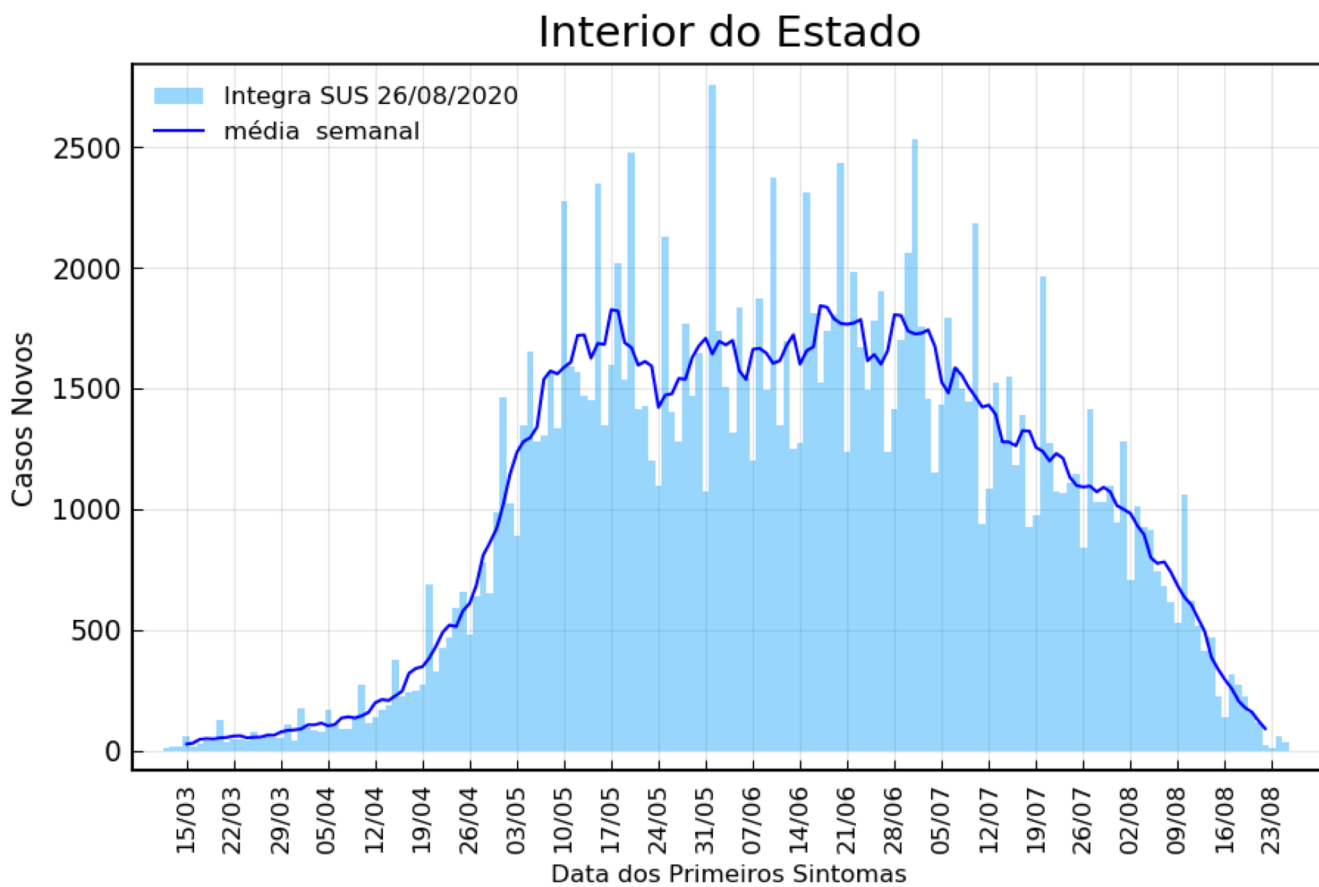
# Fortaleza





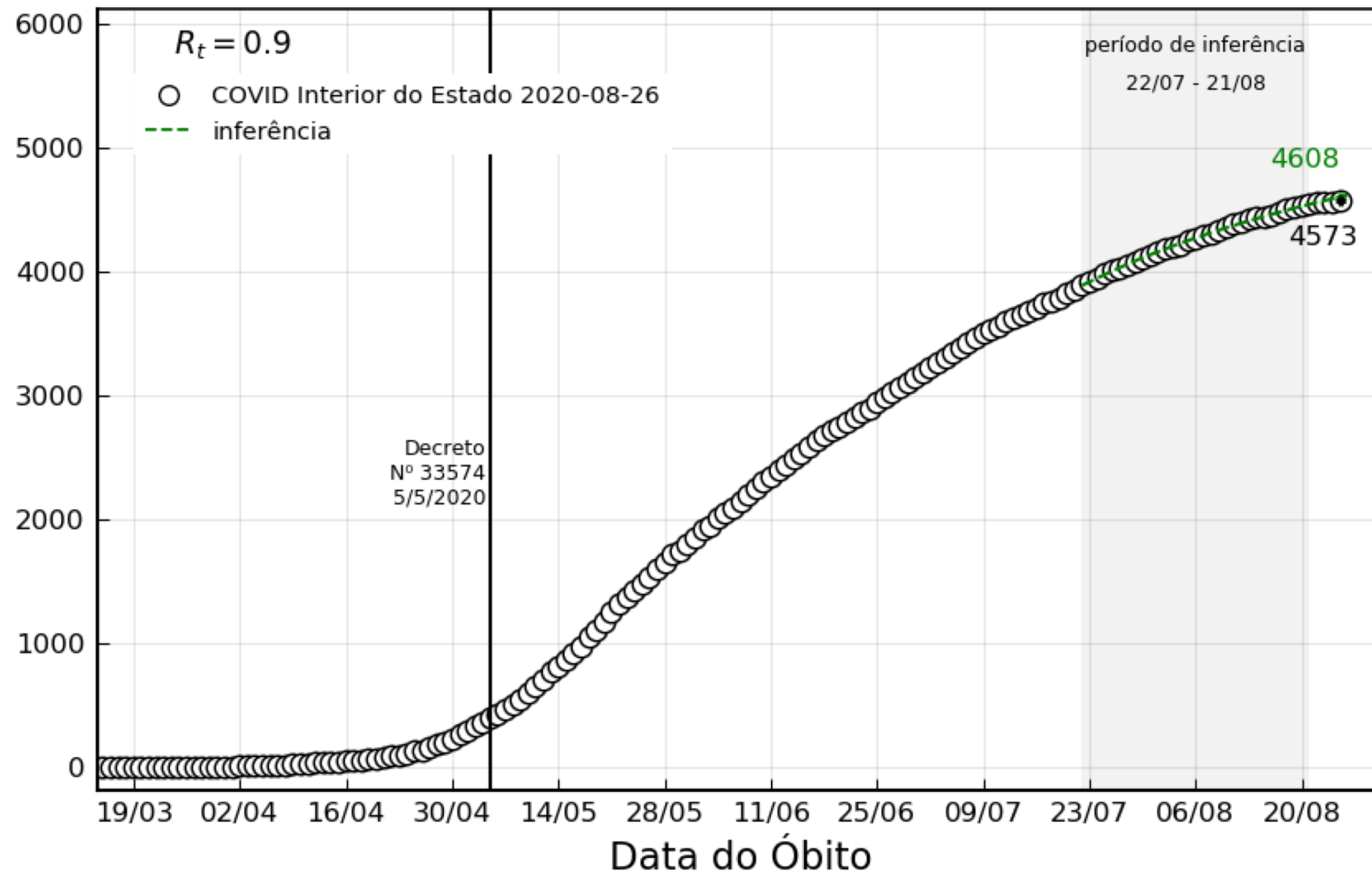
**Interior**

# Dados atualizados em 26/08/2020





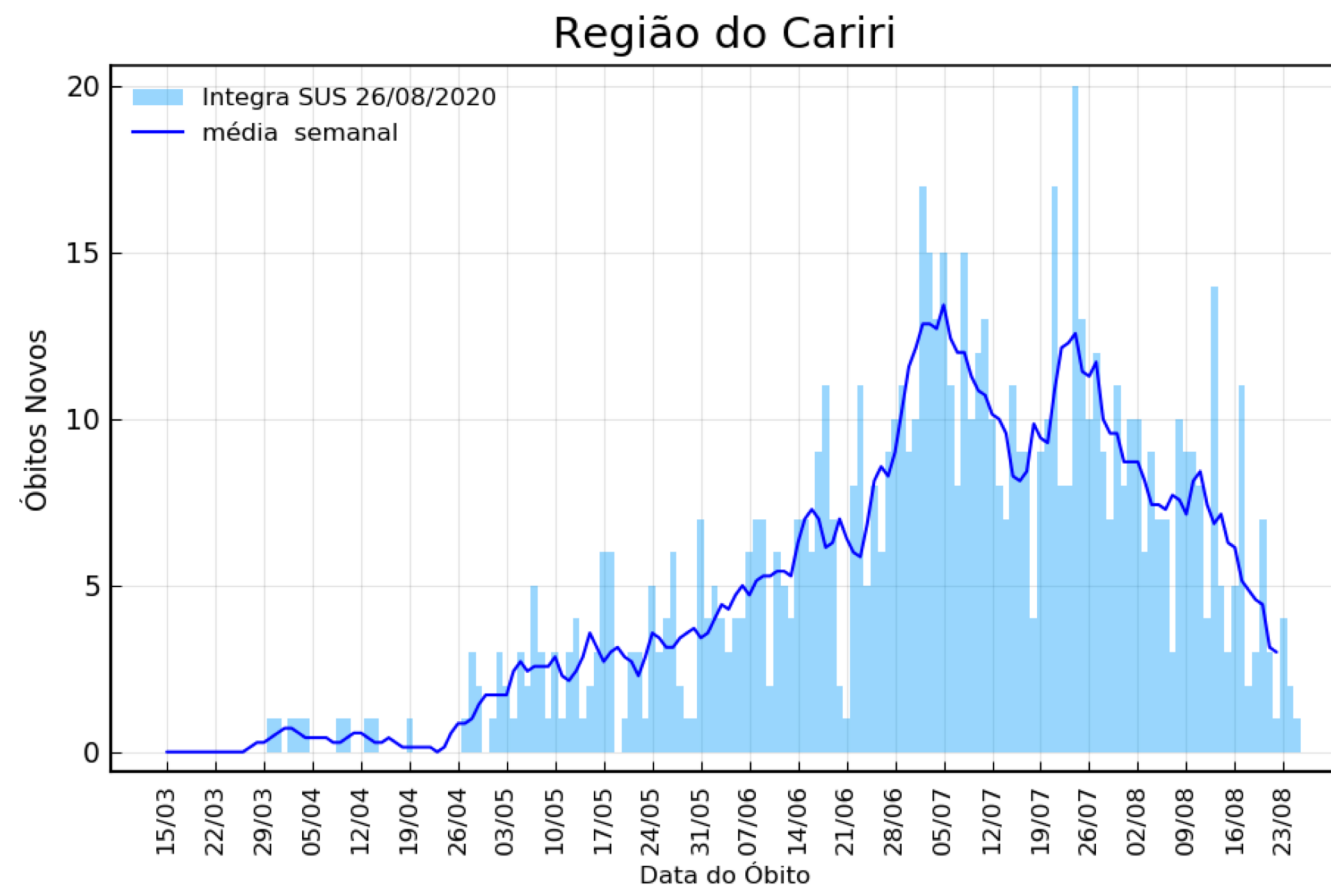
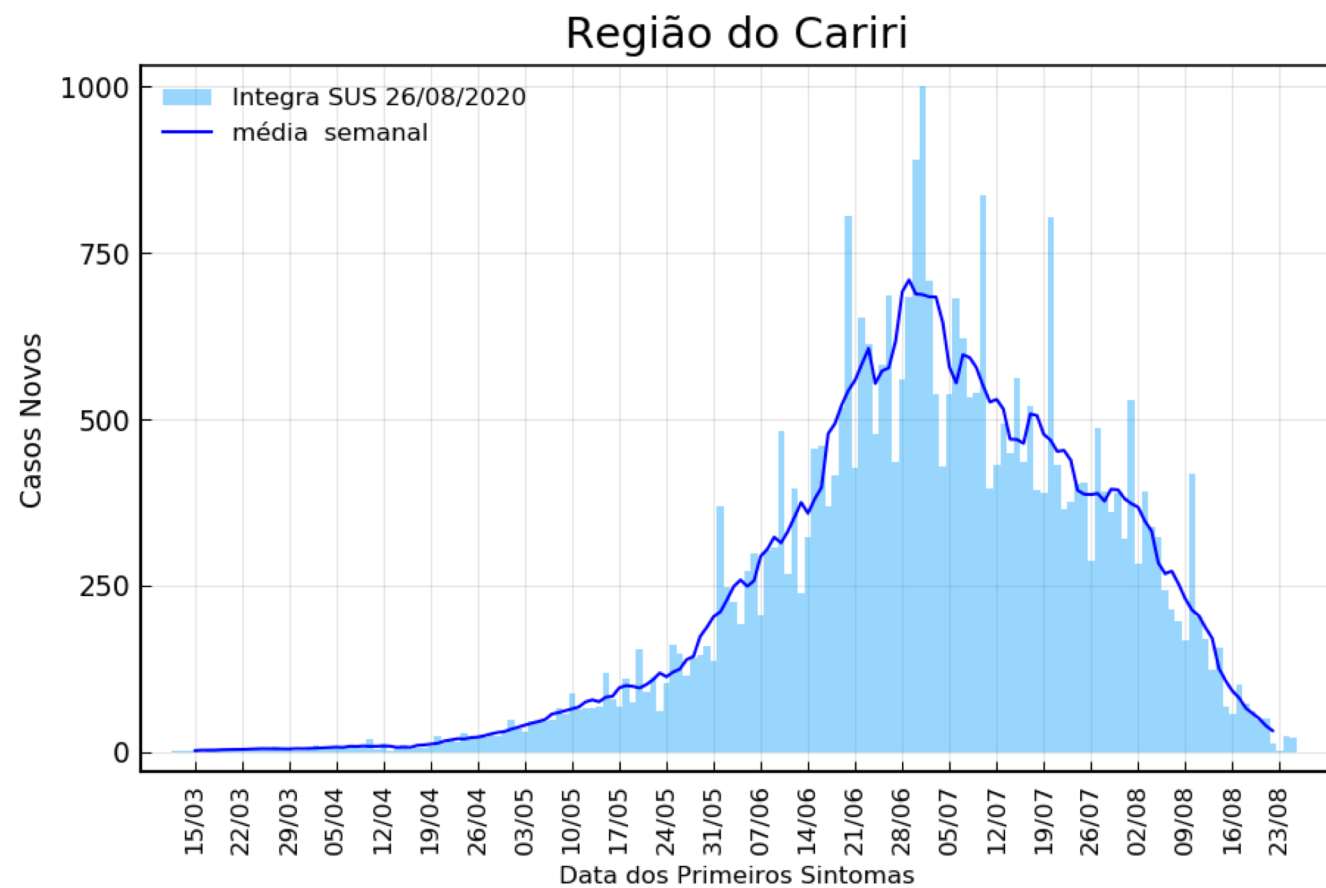
## Interior do Estado



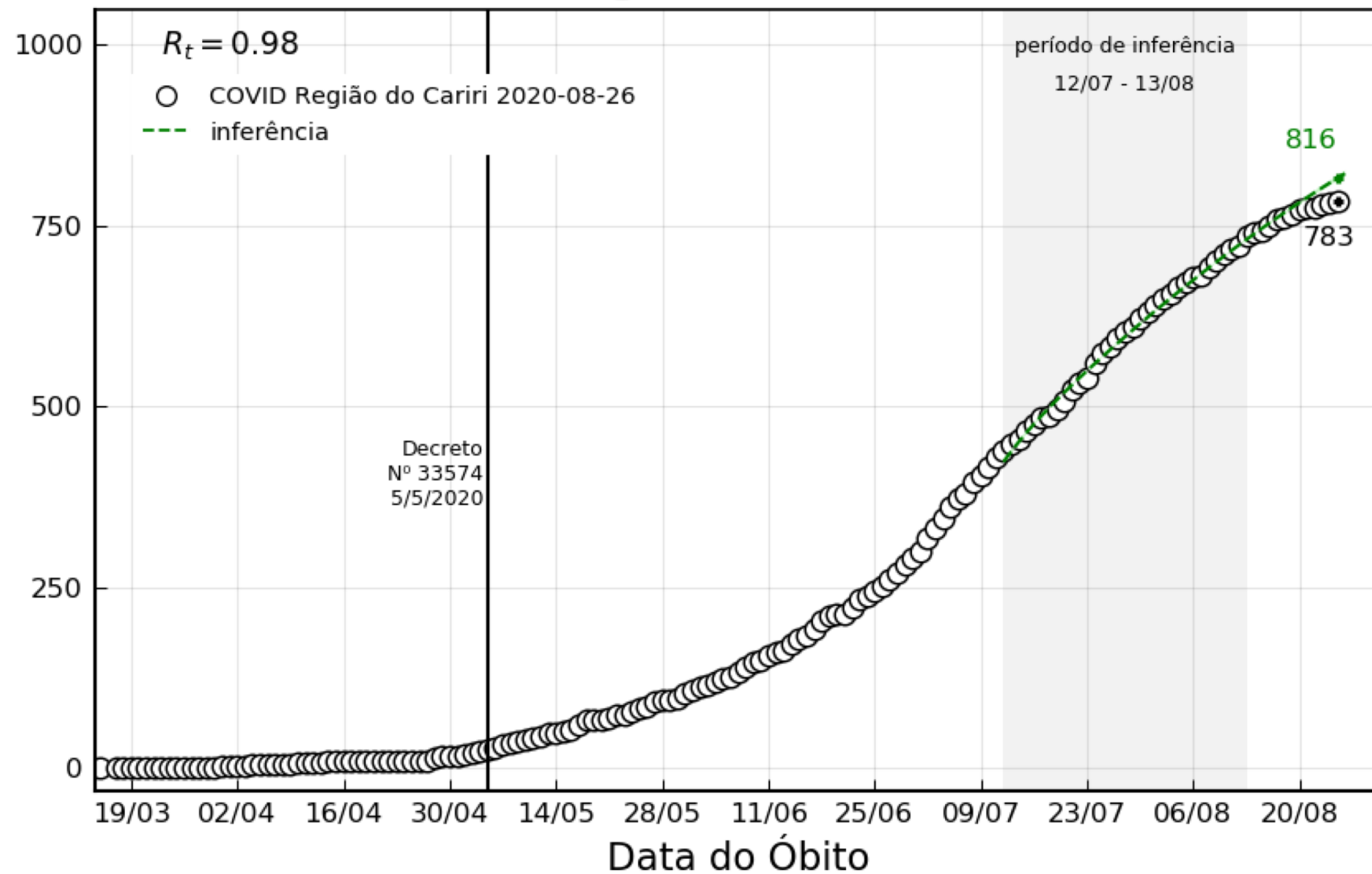
Janela de Inferência	$R_t$
01/06 – 27/06	0.90
08/06 – 06/07	0.93
15/05 – 13/07	0.98
22/06 – 20/07	0.84
29/06 – 27/07	0.90
08/07 – 30/07	0.91
15/07 – 14/08	0.88
22/07 – 21/08	0.90

**Cariri**

# Dados atualizados em 26/08/2020



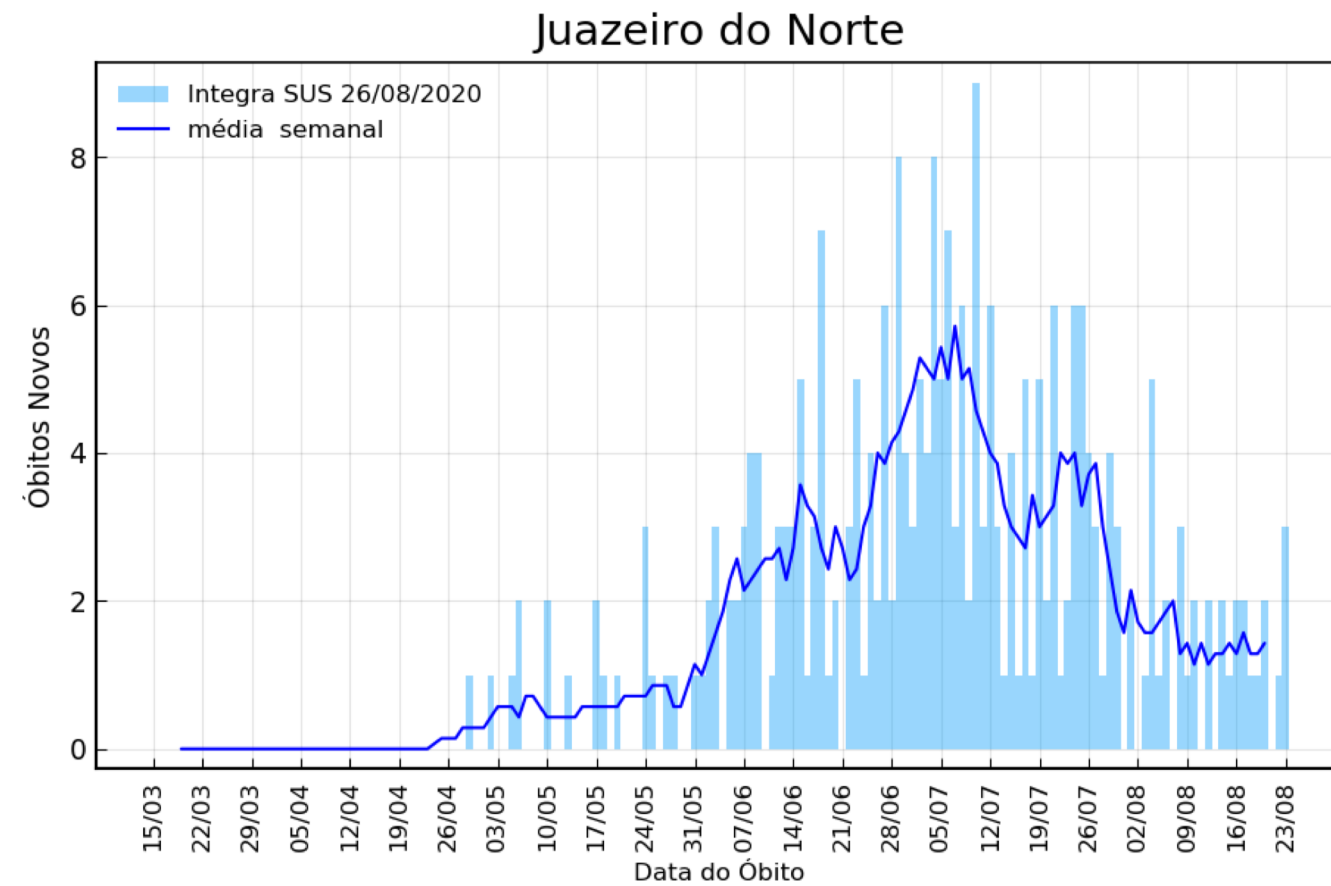
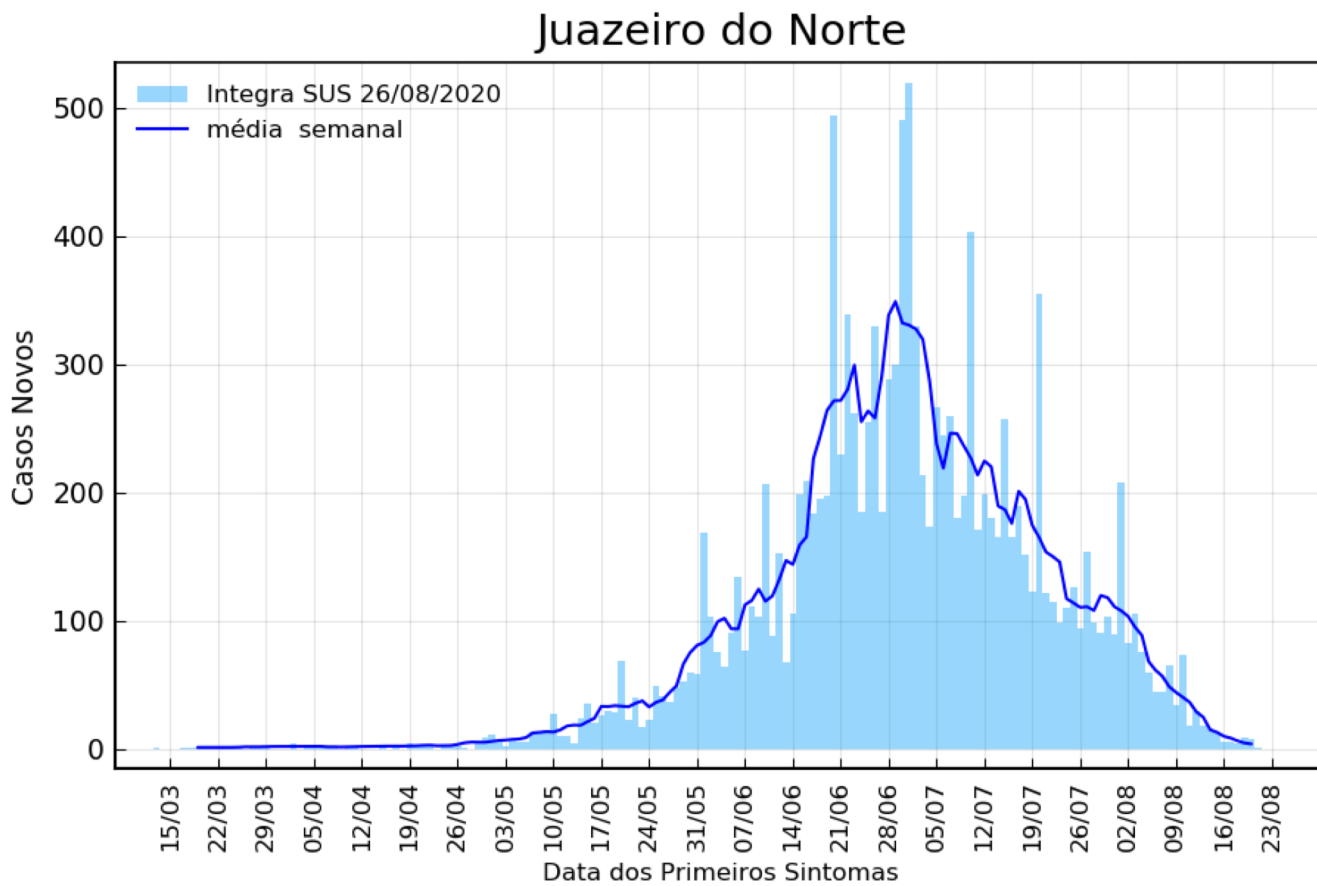
## Região do Cariri



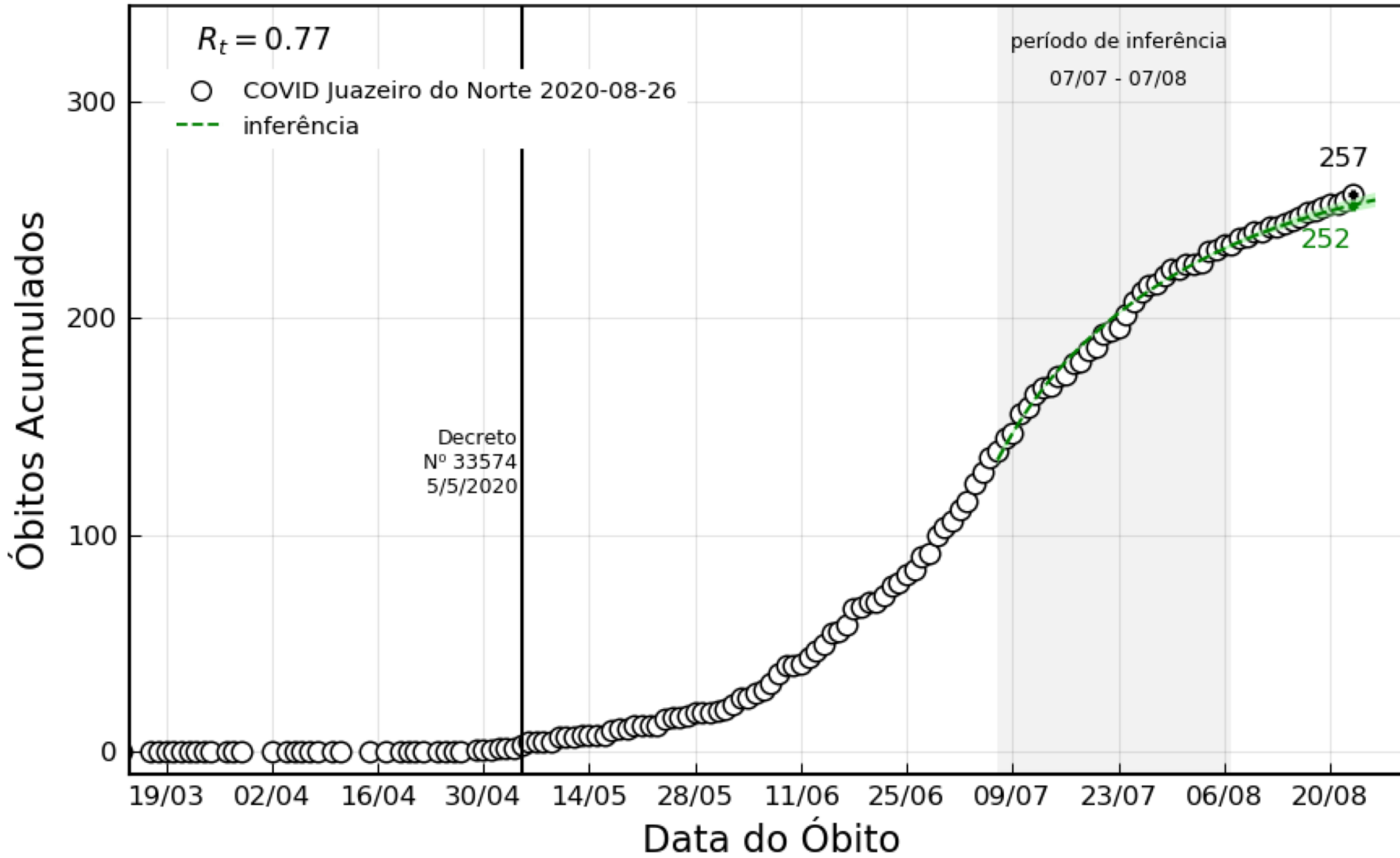
Janela de Inferência	$R_t$
01/05 – 10/06 (casos)	1.35
01/06 – 05/07 (óbitos)	1.25
07/06 – 11/07 (óbitos)	1.23
14/06 – 18/07 (óbitos)	1.12
21/06 – 25/07 (óbitos)	1.02
28/06 – 30/07 (óbitos)	1.05
05/07 – 06/08 (óbitos)	1.08
12/07 – 13/08 (óbitos)	0.98

# Juazeiro do Norte

## Dados atualizados em 26/08/2020



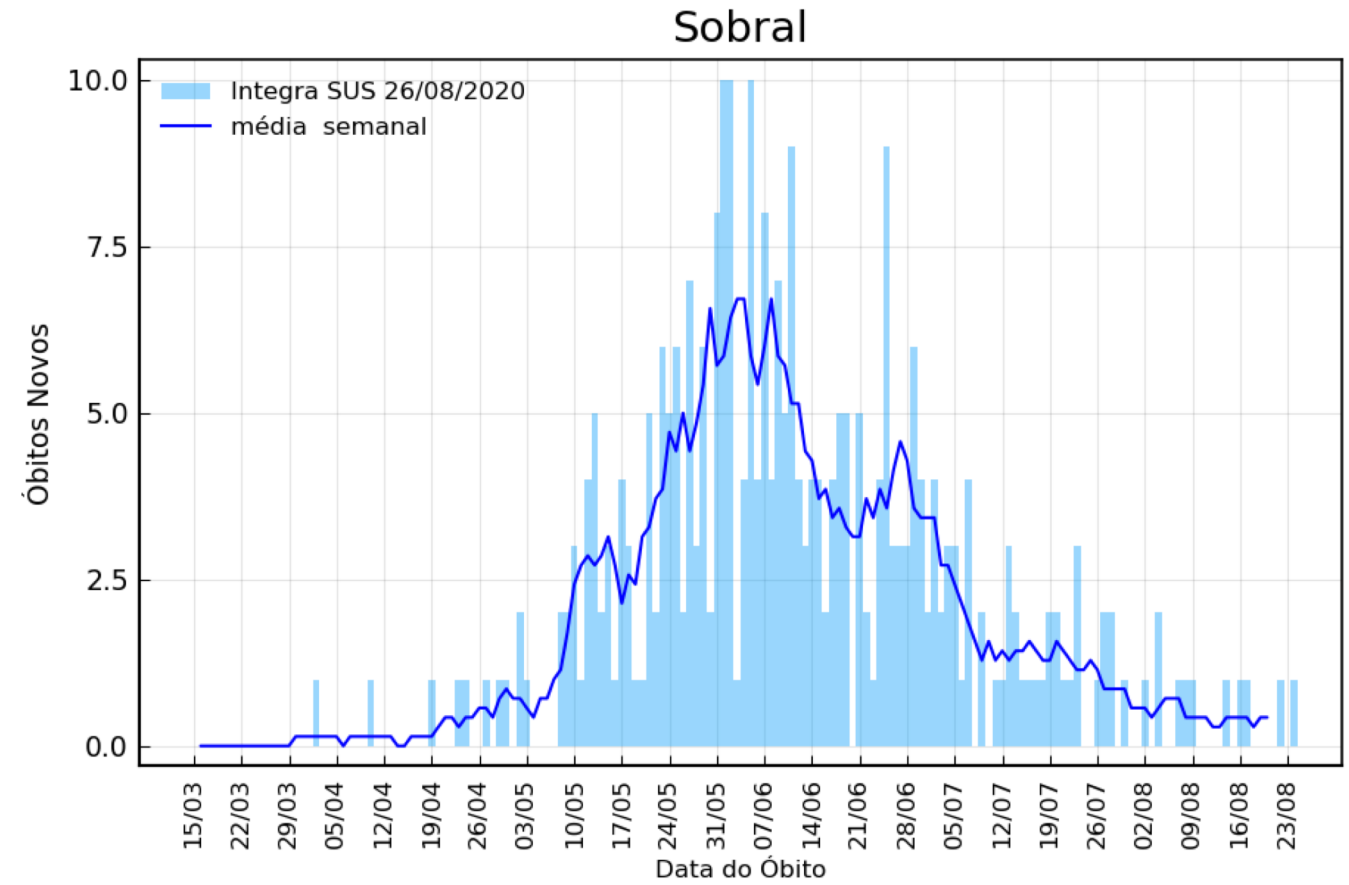
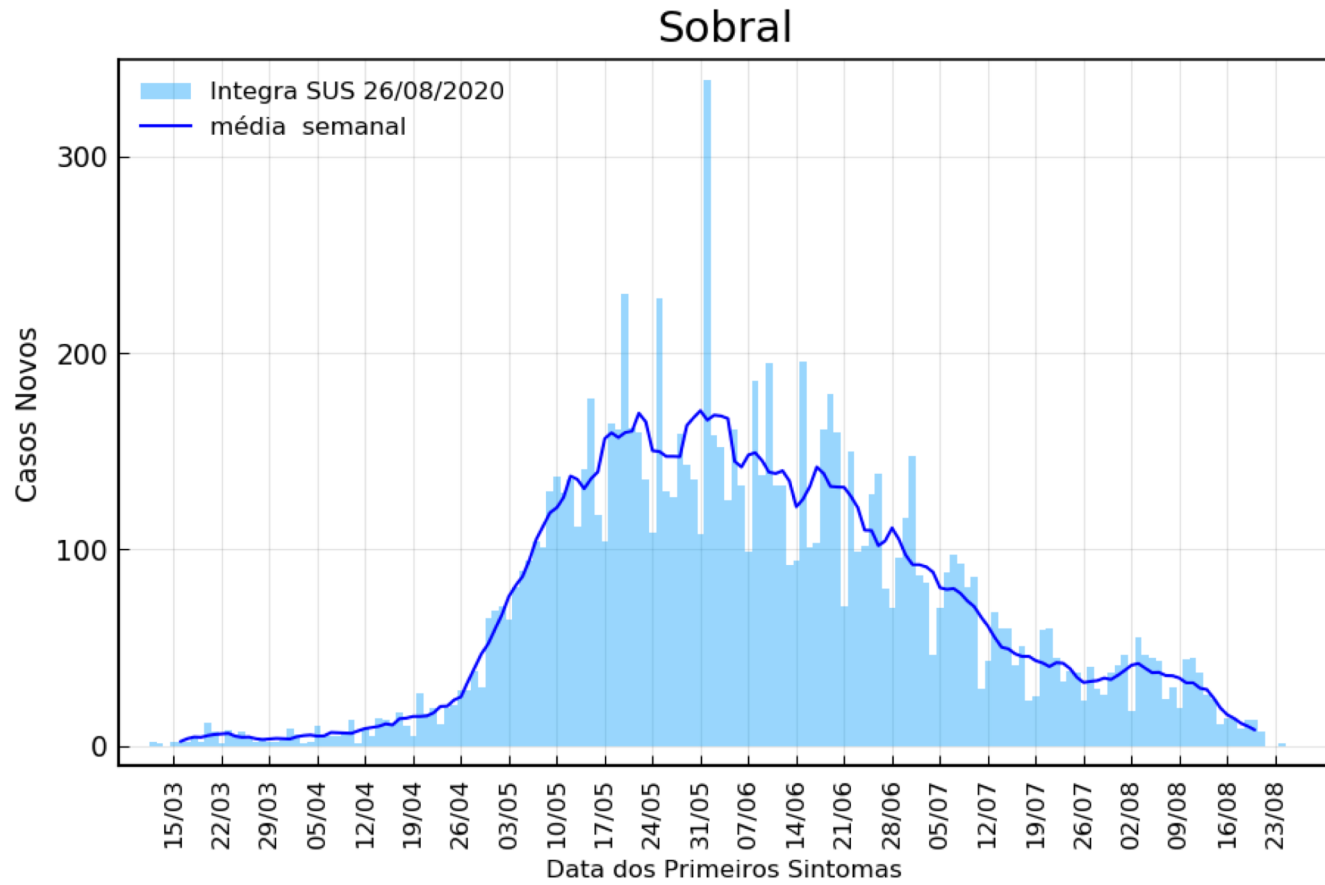
# Juazeiro do Norte



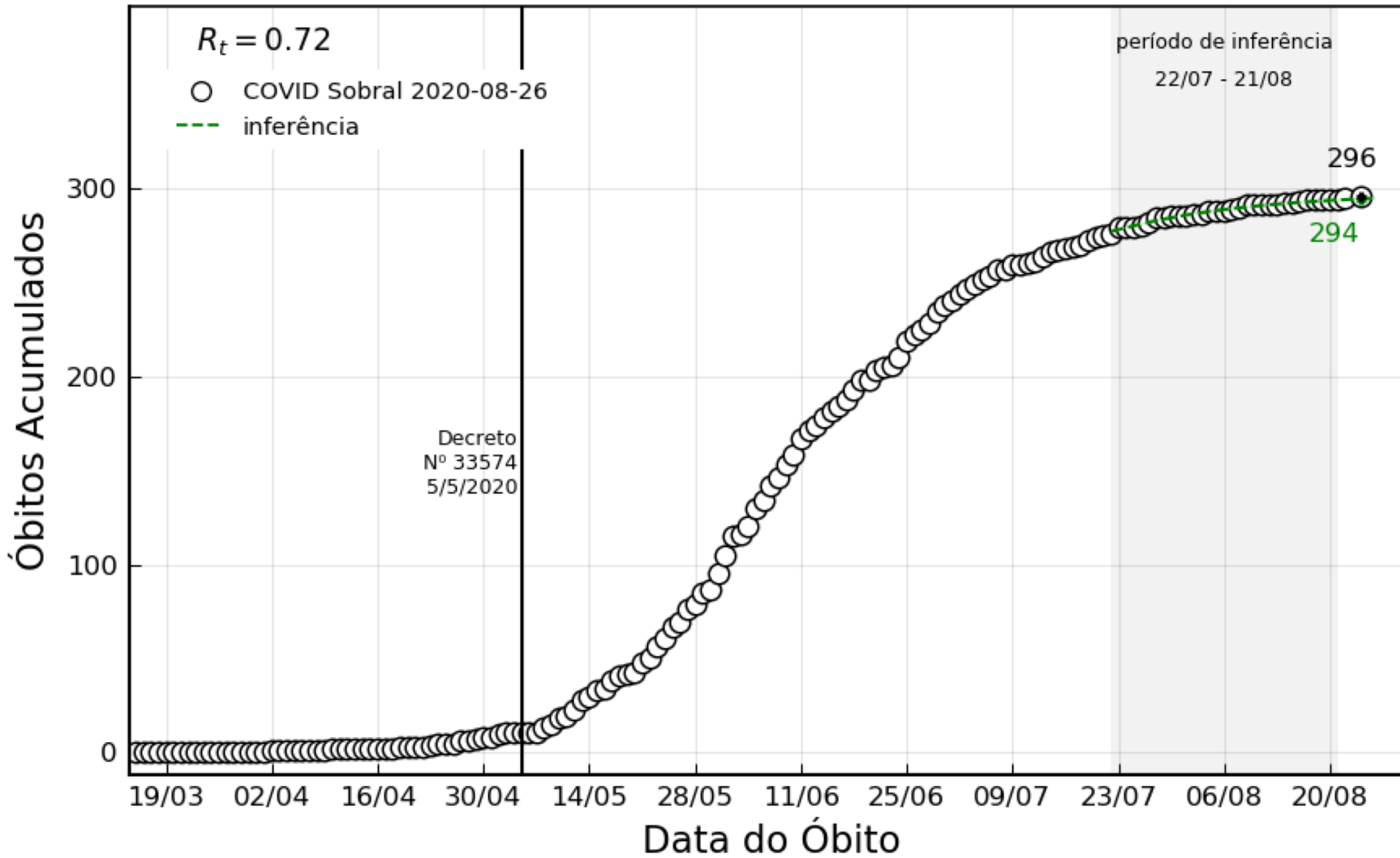
Janela de Inferência	$R_t$
20/05 – 19/06	1.45
01/06 – 30/06	1.27
07/06 – 10/07	1.19
14/06 – 17/07	1.04
21/06 – 24/07	0.87
28/06 – 31/07	0.87
07/07 – 07/08	0.77

# Sobral

## Dados atualizados em 26/08/2020



# Sobral



Janela de Inferência	$R_t$
27/05 – 26/06	0.94
08/06 – 06/07	0.96
15/06 – 13/07	0.91
22/06 – 20/07	0.75
01/07 – 31/07	0.75
08/07 – 07/08	0.77
15/07 – 14/08	0.75
22/07 – 21/08	0.72