

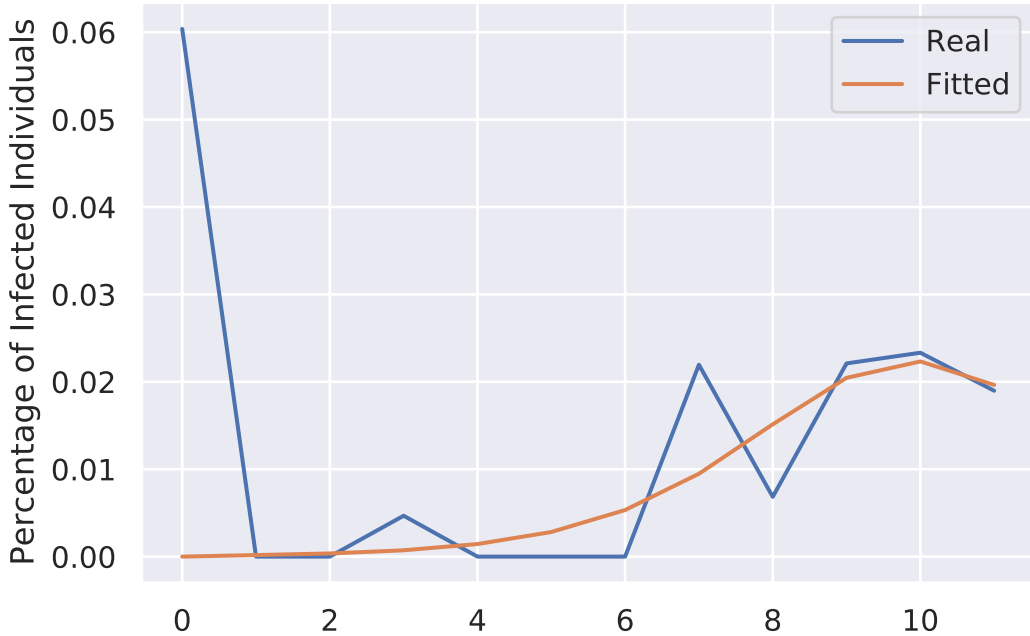
Infective Population Fit for SEIR Model (Window: 6)

R_0 : 1.0, RMSE: 0.02, SSE:0.0, MAE: 0.01



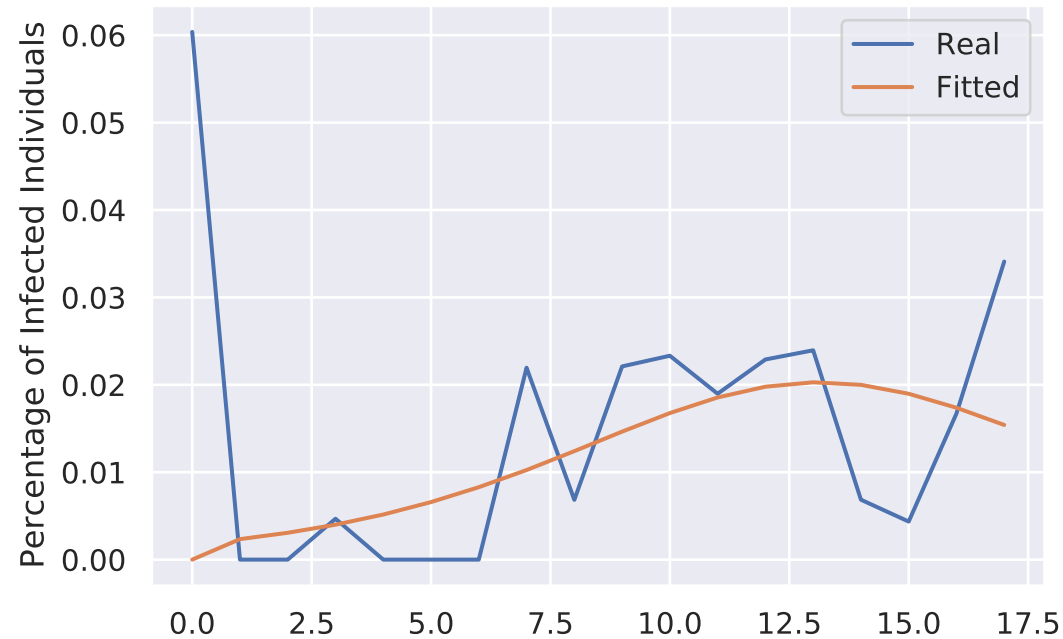
Infective Population Fit for SEIR Model (Window: 12)

R_0 : 3.46, RMSE: 0.02, SSE:0.0, MAE: 0.01



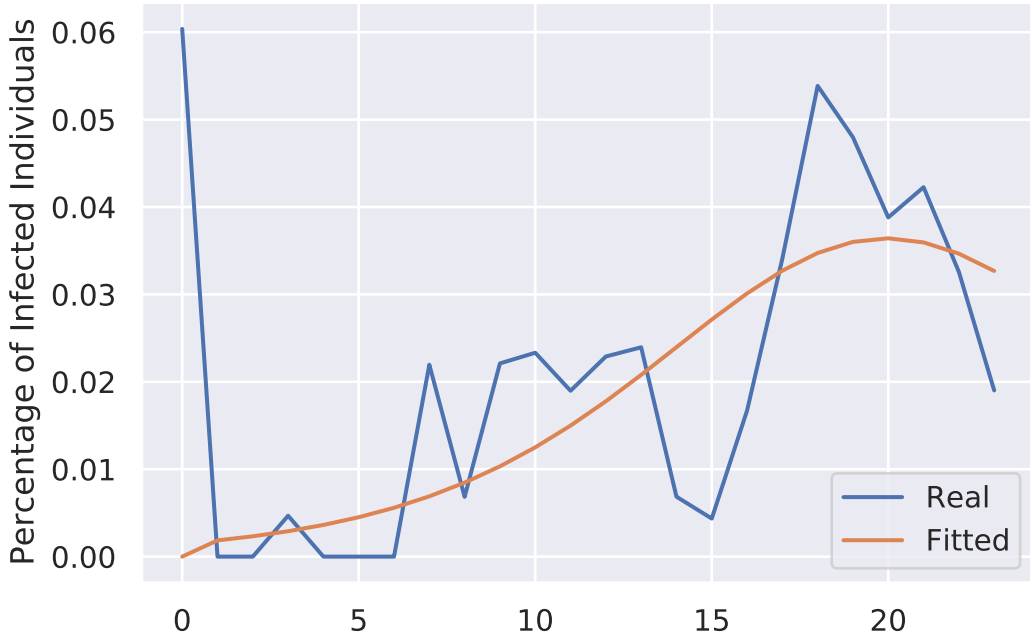
Infective Population Fit for SEIR Model (Window: 18)

R_0 : 1.13, RMSE: 0.02, SSE:0.0, MAE: 0.01



Infective Population Fit for SEIR Model (Window: 24)

R_0 : 1.22, RMSE: 0.02, SSE:0.01, MAE: 0.01



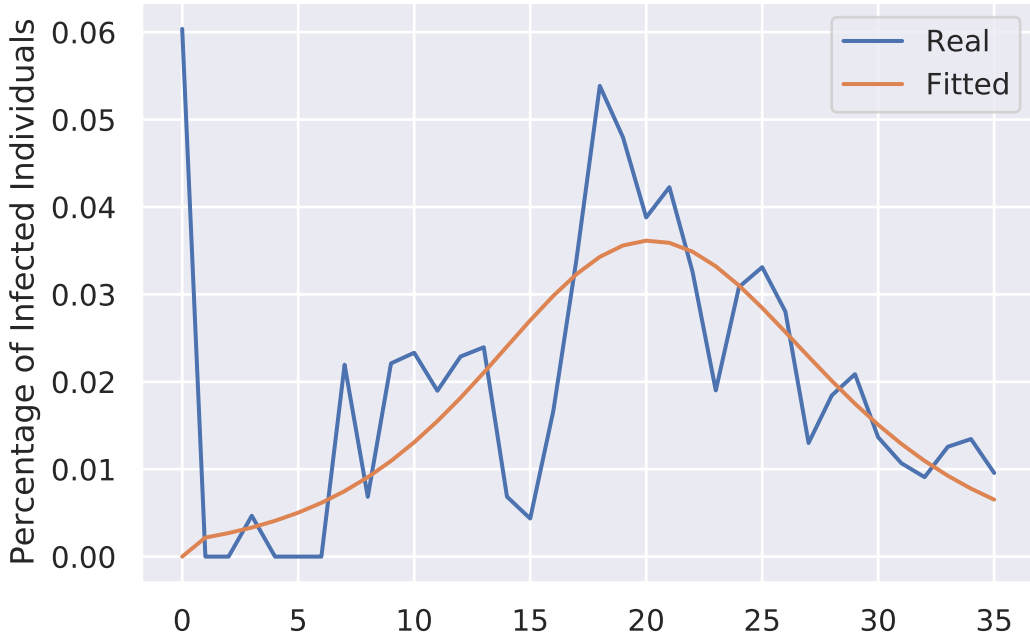
Infective Population Fit for SEIR Model (Window: 30)

R_0 : 1.22, RMSE: 0.01, SSE:0.01, MAE: 0.01



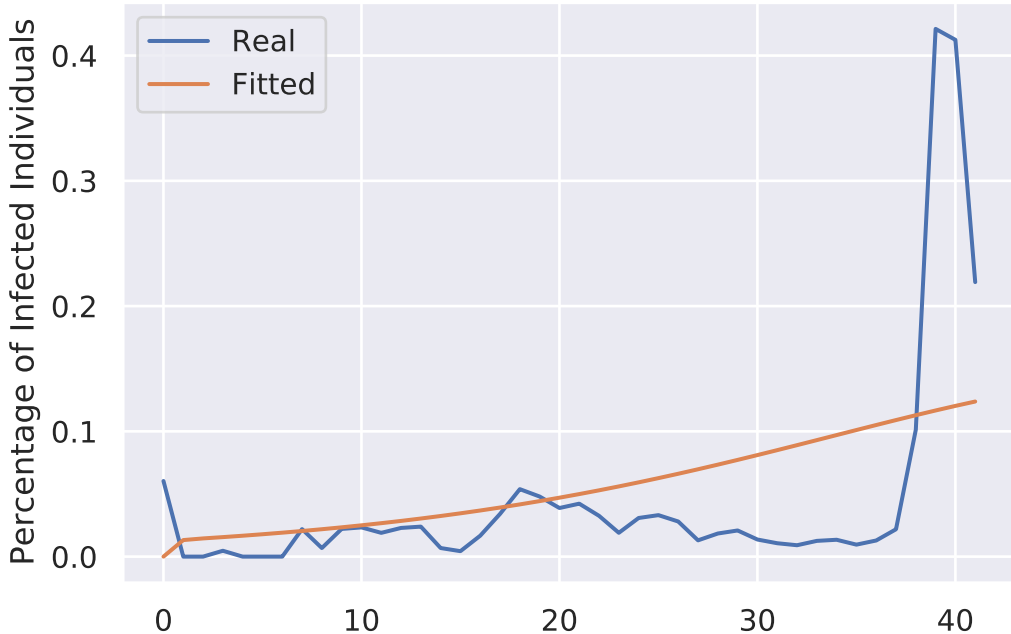
Infective Population Fit for SEIR Model (Window: 36)

R_0 : 1.19, RMSE: 0.01, SSE:0.01, MAE: 0.01

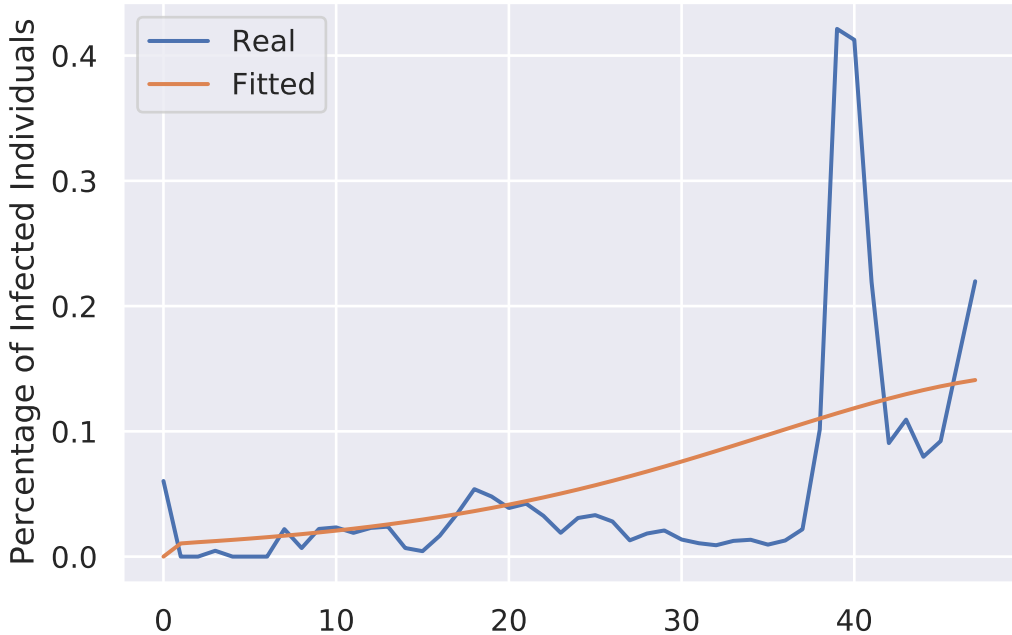


Infective Population Fit for SEIR Model (Window: 42)

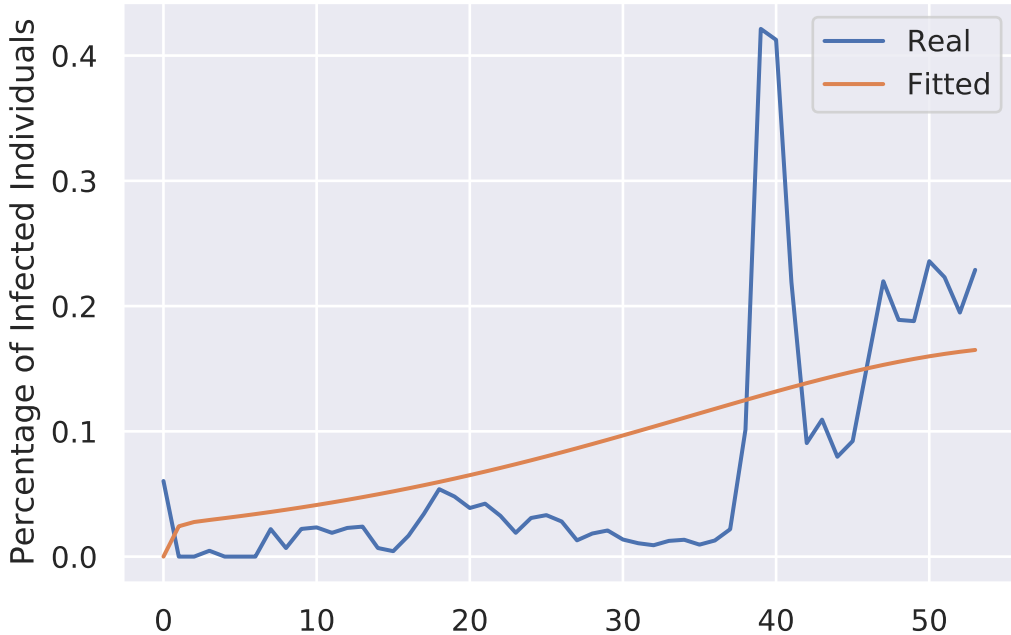
R_0 : 1.13, RMSE: 0.08, SSE:0.26, MAE: 0.05



Infective Population Fit for SEIR Model (Window: 48)
R0: 1.15, RMSE: 0.07, SSE:0.27, MAE: 0.04



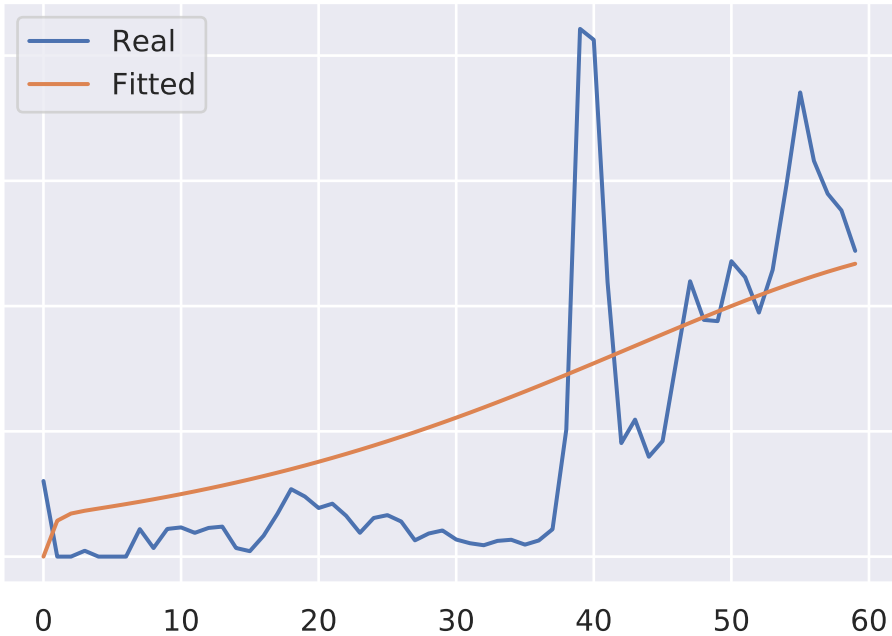
Infective Population Fit for SEIR Model (Window: 54)
R0: 1.09, RMSE: 0.08, SSE:0.33, MAE: 0.06



Infective Population Fit for SEIR Model (Window: 60)

R_0 : 1.1, RMSE: 0.08, SSE:0.39, MAE: 0.06

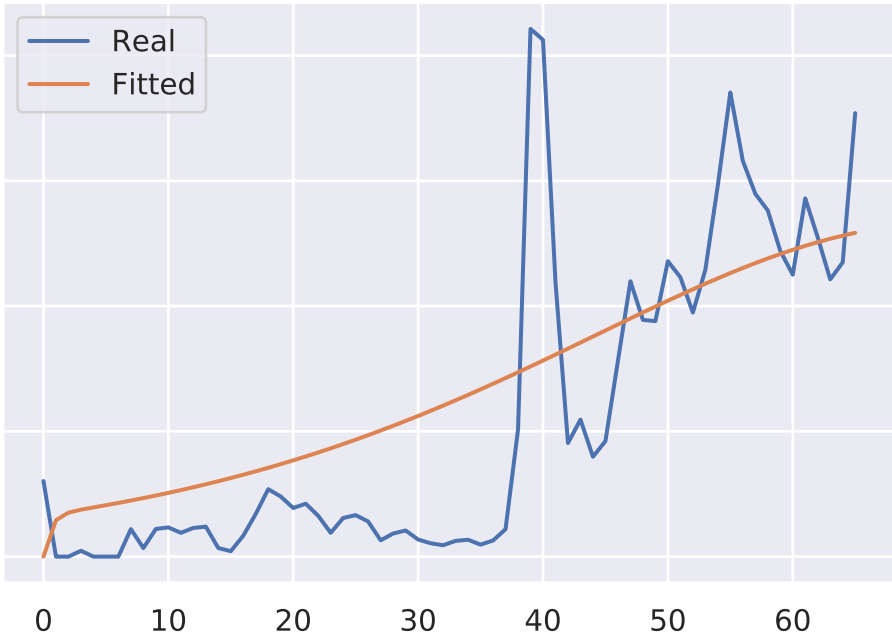
Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 66)

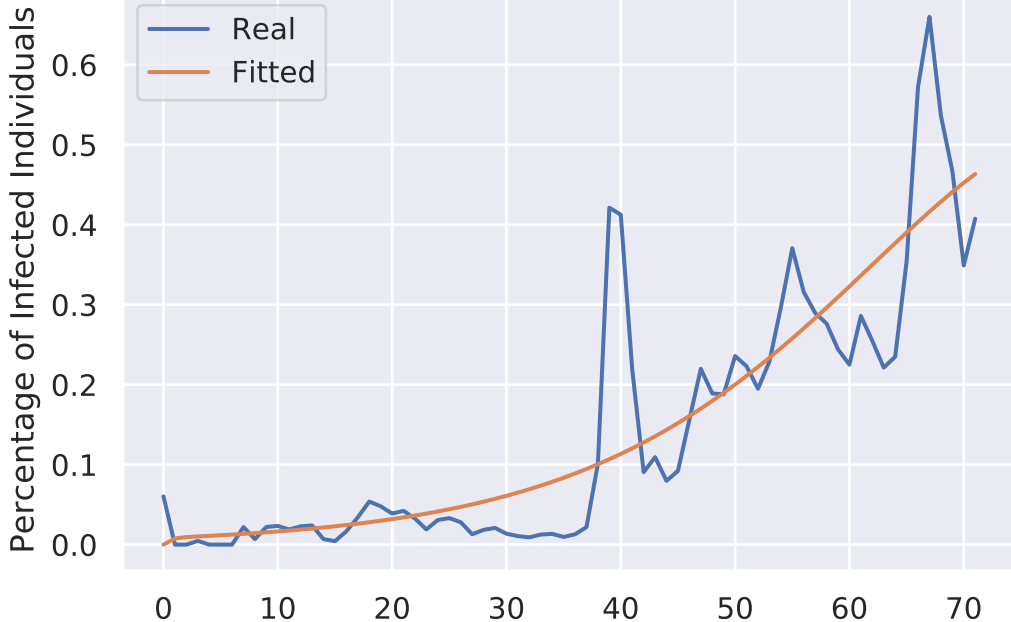
R_0 : 1.1, RMSE: 0.08, SSE:0.4, MAE: 0.06

Percentage of Infected Individuals



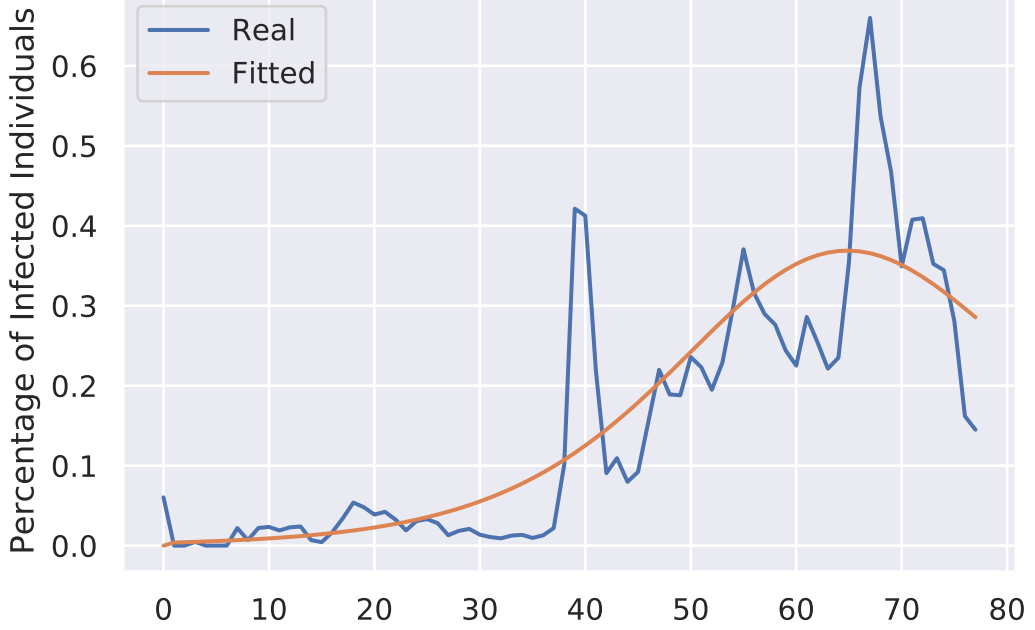
Infective Population Fit for SEIR Model (Window: 72)

R_0 : 1.42, RMSE: 0.08, SSE:0.46, MAE: 0.05

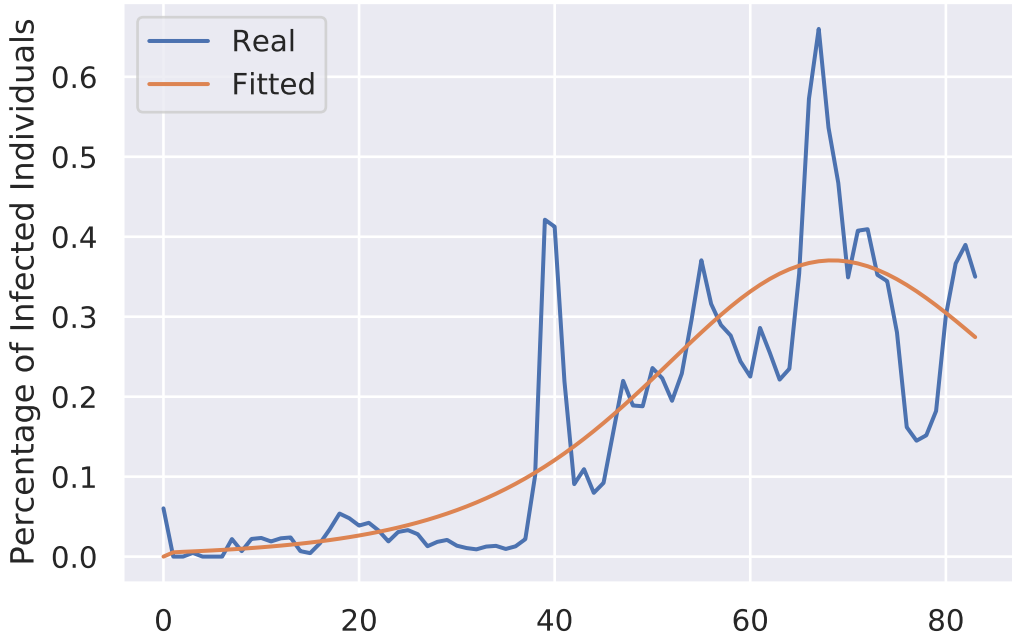


Infective Population Fit for SEIR Model (Window: 78)

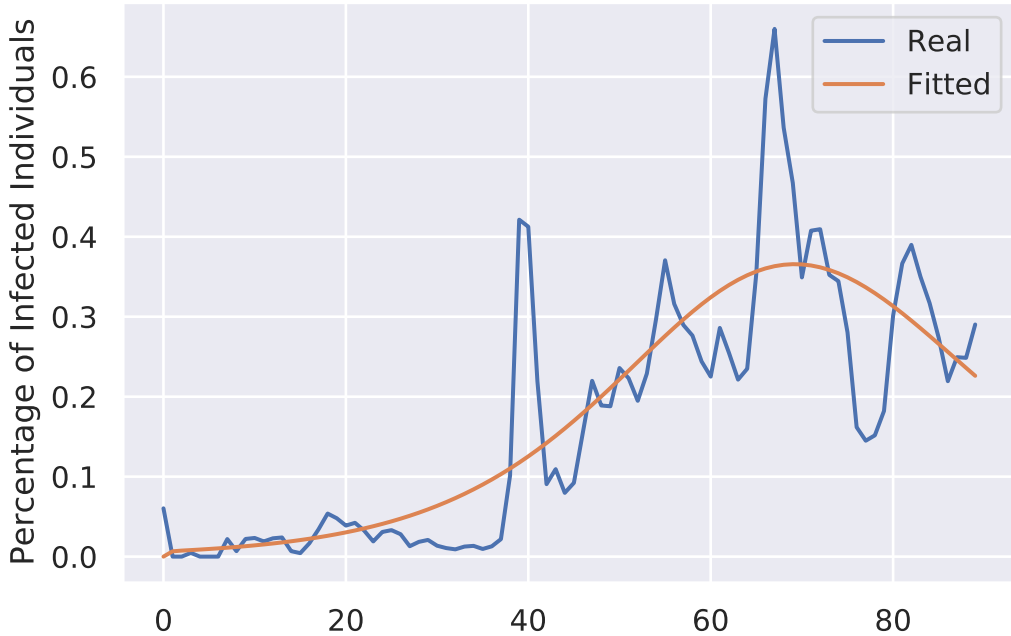
R_0 : 1.66, RMSE: 0.09, SSE:0.57, MAE: 0.06



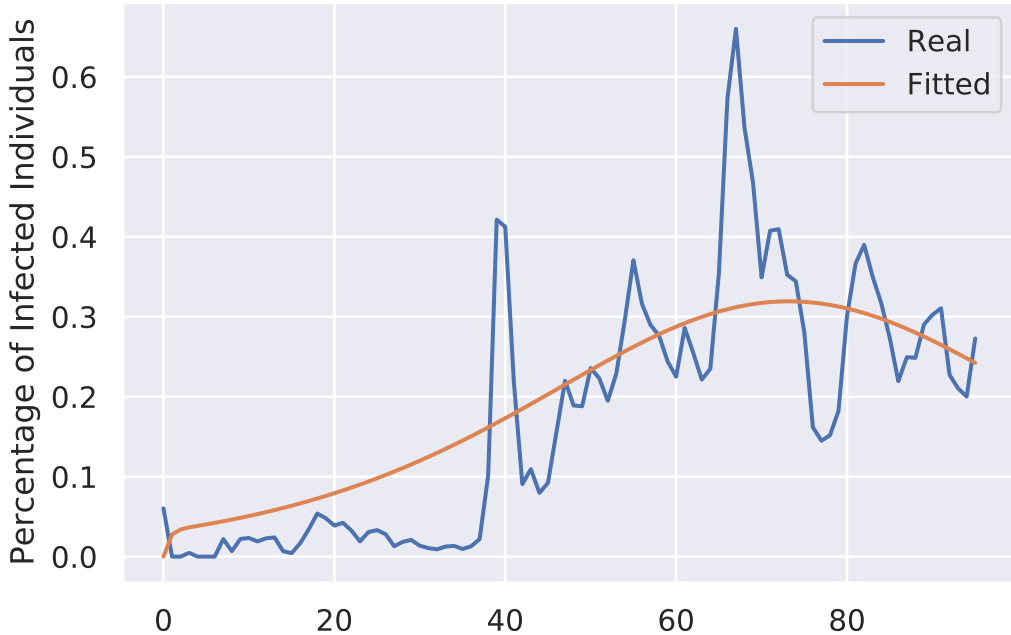
Infective Population Fit for SEIR Model (Window: 84)
R0: 1.48, RMSE: 0.09, SSE:0.63, MAE: 0.06



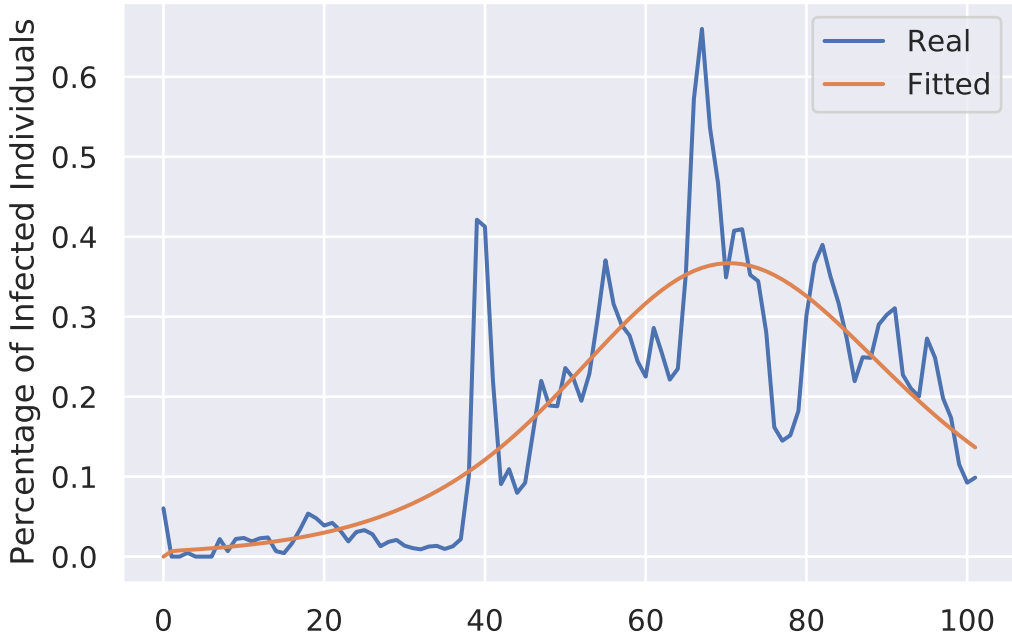
Infective Population Fit for SEIR Model (Window: 90)
R0: 1.39, RMSE: 0.08, SSE:0.65, MAE: 0.05



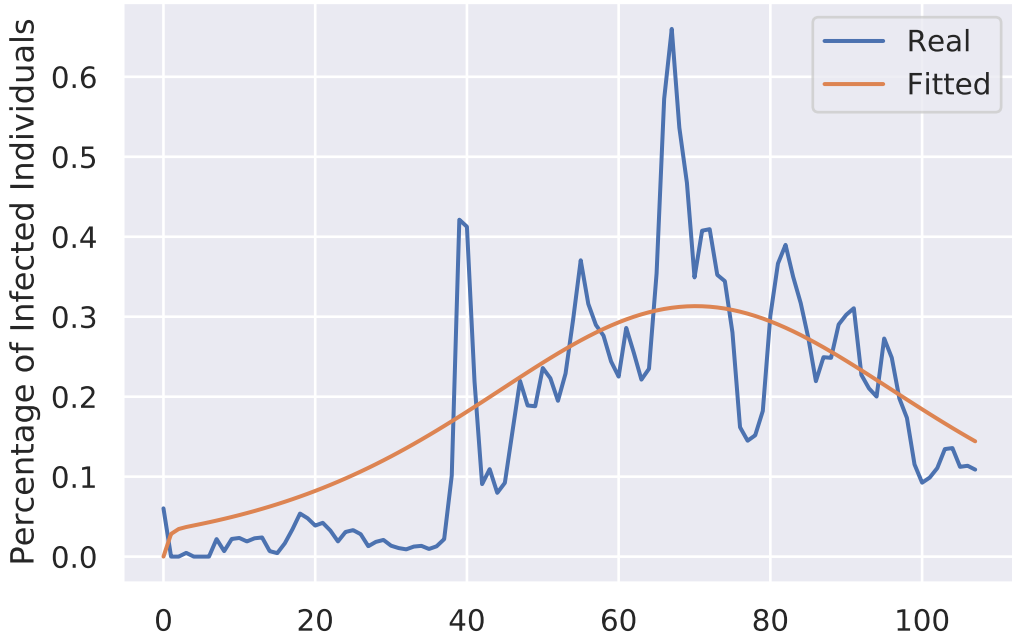
Infective Population Fit for SEIR Model (Window: 96)
R0: 1.12, RMSE: 0.09, SSE:0.83, MAE: 0.07



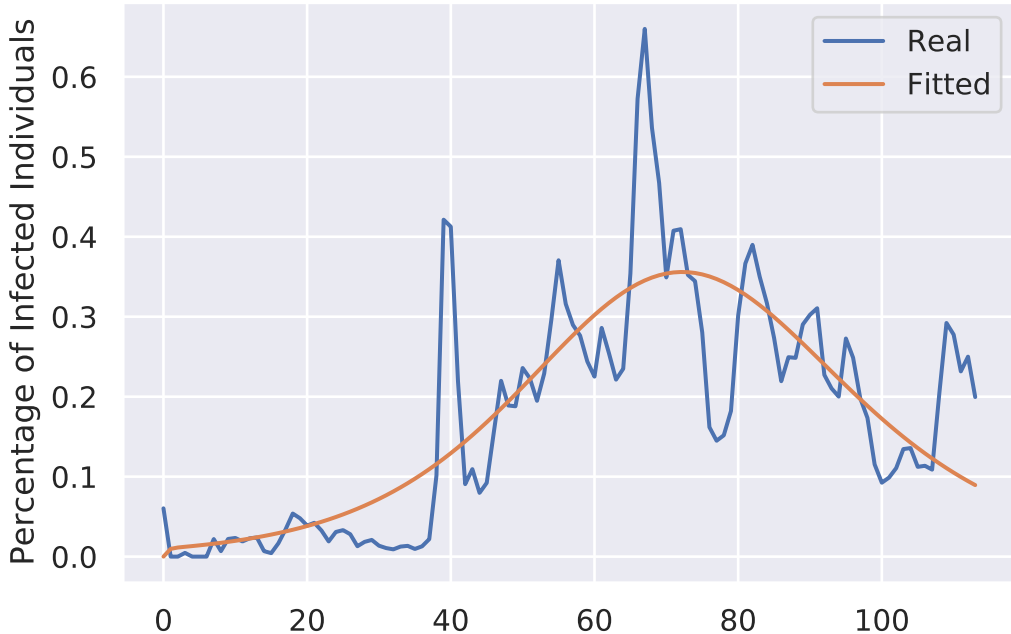
Infective Population Fit for SEIR Model (Window: 102)
 R_0 : 1.38, RMSE: 0.08, SSE:0.69, MAE: 0.05



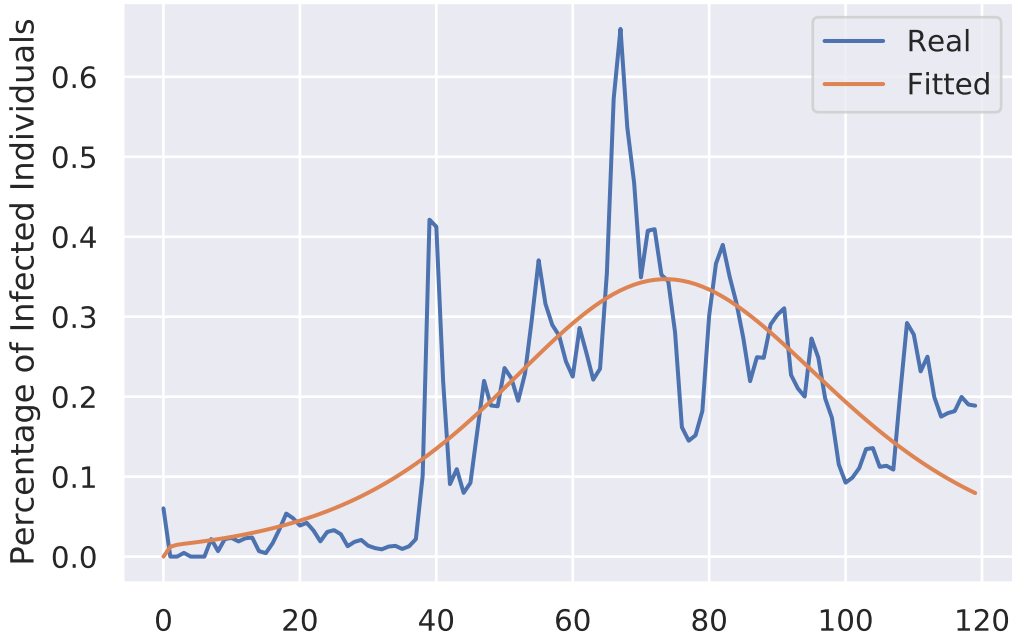
Infective Population Fit for SEIR Model (Window: 108)
R0: 1.12, RMSE: 0.09, SSE:0.89, MAE: 0.07



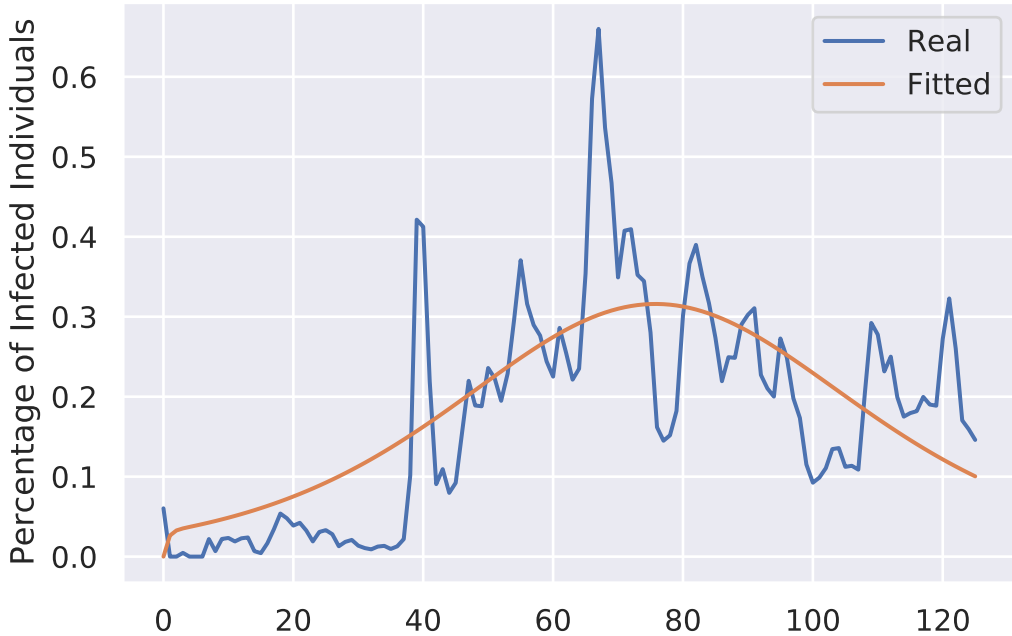
Infective Population Fit for SEIR Model (Window: 114)
R0: 1.27, RMSE: 0.09, SSE:0.83, MAE: 0.06



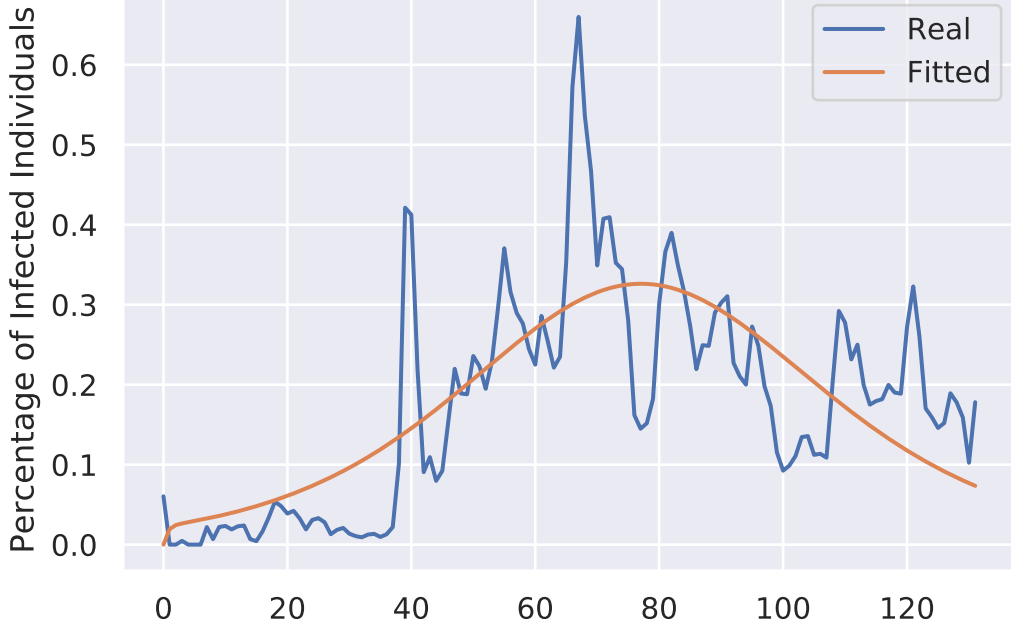
Infective Population Fit for SEIR Model (Window: 120)
R0: 1.22, RMSE: 0.09, SSE:0.9, MAE: 0.06



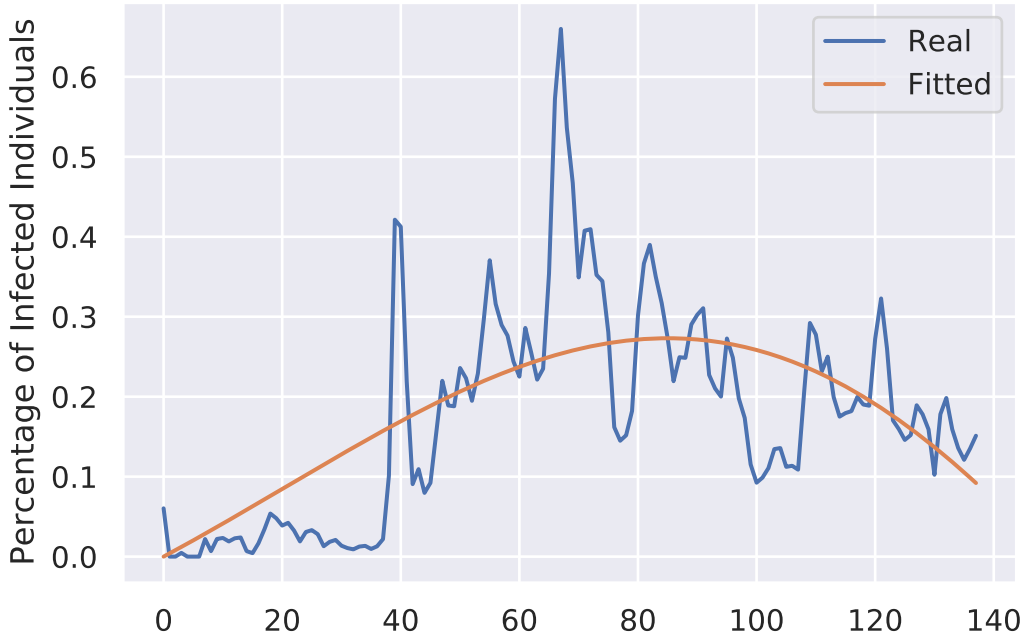
Infective Population Fit for SEIR Model (Window: 126)
R0: 1.12, RMSE: 0.09, SSE:1.08, MAE: 0.07



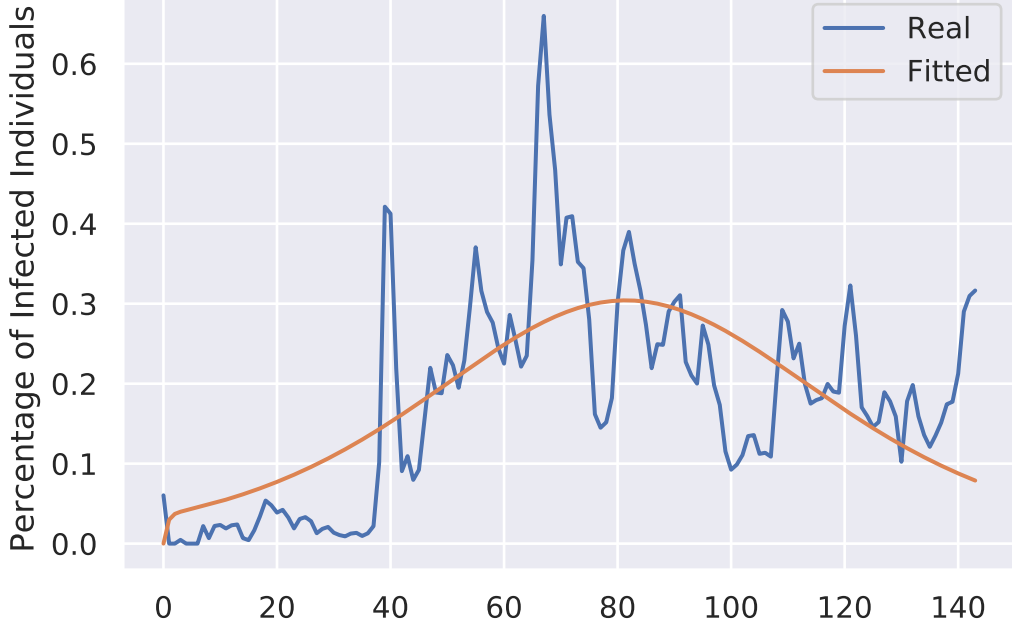
Infective Population Fit for SEIR Model (Window: 132)
R0: 1.15, RMSE: 0.09, SSE:1.09, MAE: 0.07



Infective Population Fit for SEIR Model (Window: 138)
R0: -27.09, RMSE: 0.09, SSE:1.24, MAE: 0.07



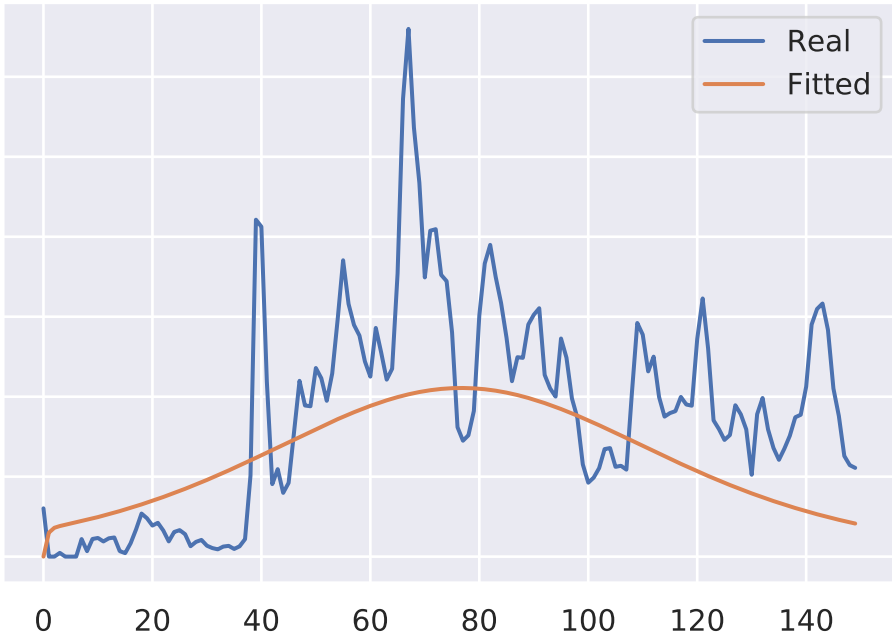
Infective Population Fit for SEIR Model (Window: 144)
R0: 1.11, RMSE: 0.1, SSE:1.35, MAE: 0.07



Infective Population Fit for SEIR Model (Window: 150)

R_0 : 1.09, RMSE: 0.12, SSE:1.99, MAE: 0.09

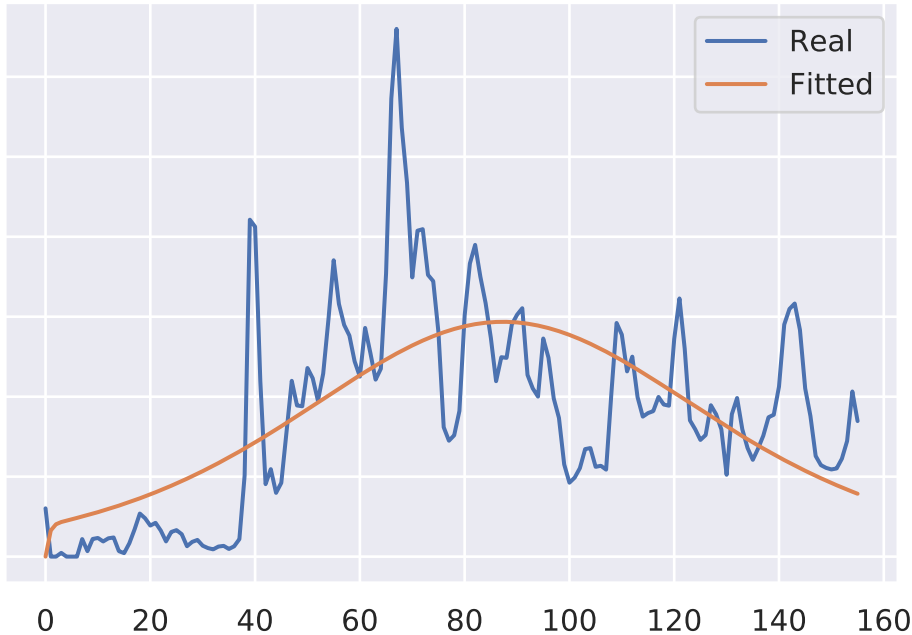
Percentage of Infected Individuals



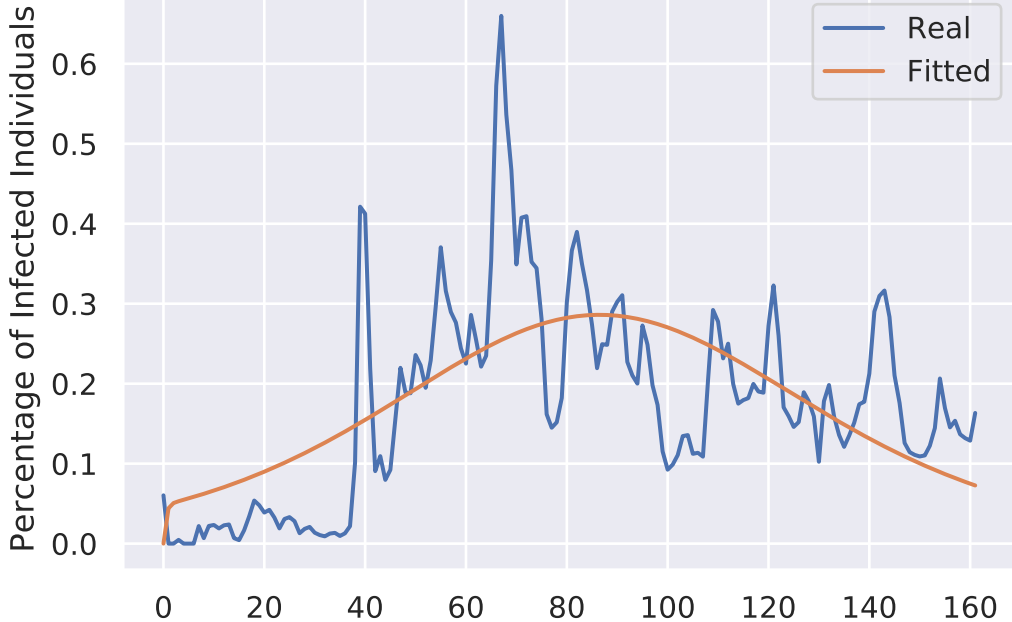
Infective Population Fit for SEIR Model (Window: 156)

R_0 : 1.1, RMSE: 0.1, SSE:1.46, MAE: 0.07

Percentage of Infected Individuals



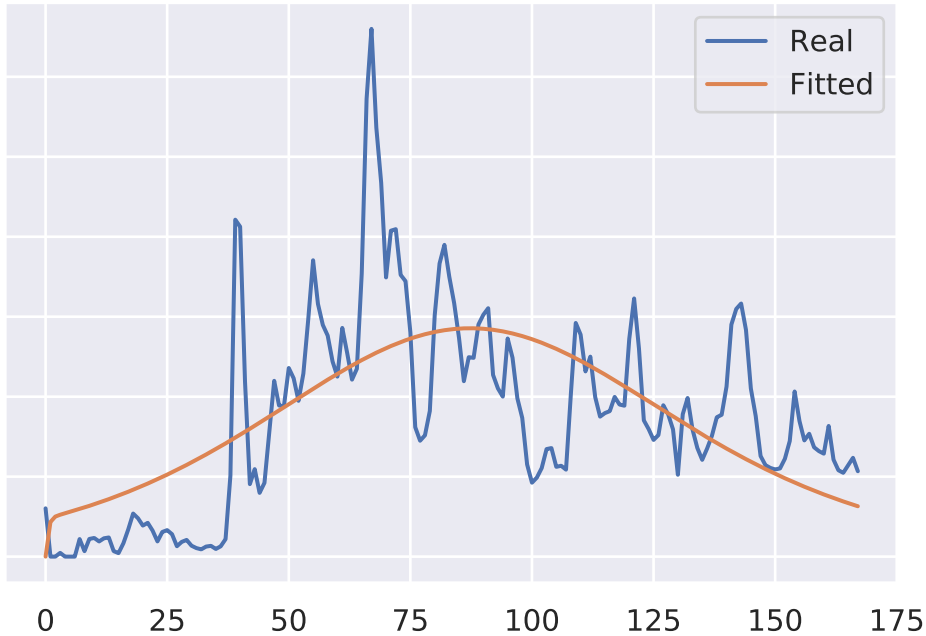
Infective Population Fit for SEIR Model (Window: 162)
R0: 1.09, RMSE: 0.1, SSE:1.48, MAE: 0.07



Infective Population Fit for SEIR Model (Window: 168)

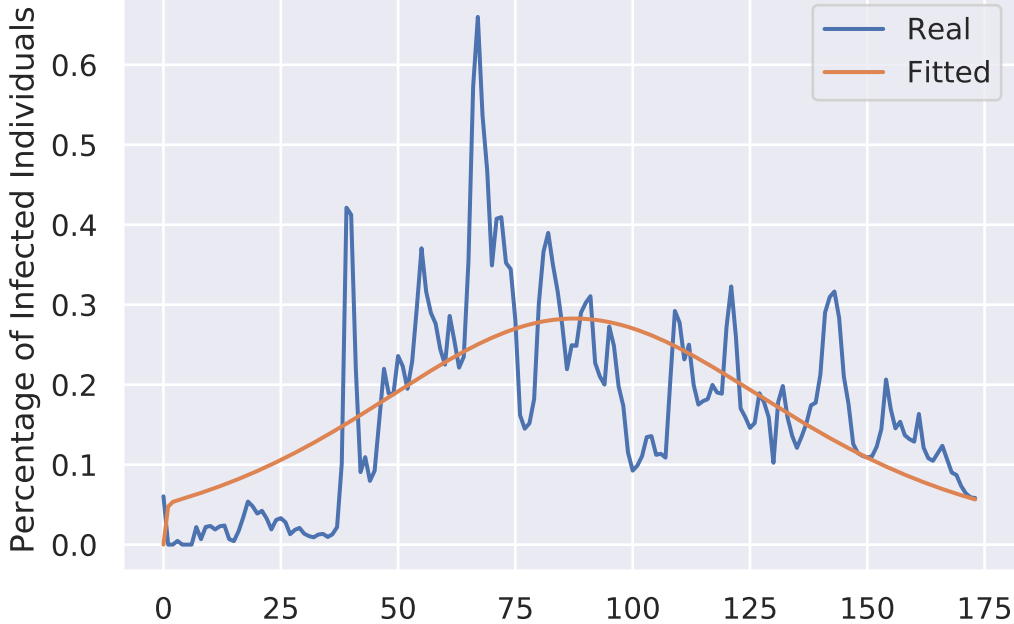
R_0 : 1.09, RMSE: 0.09, SSE:1.5, MAE: 0.07

Percentage of Infected Individuals

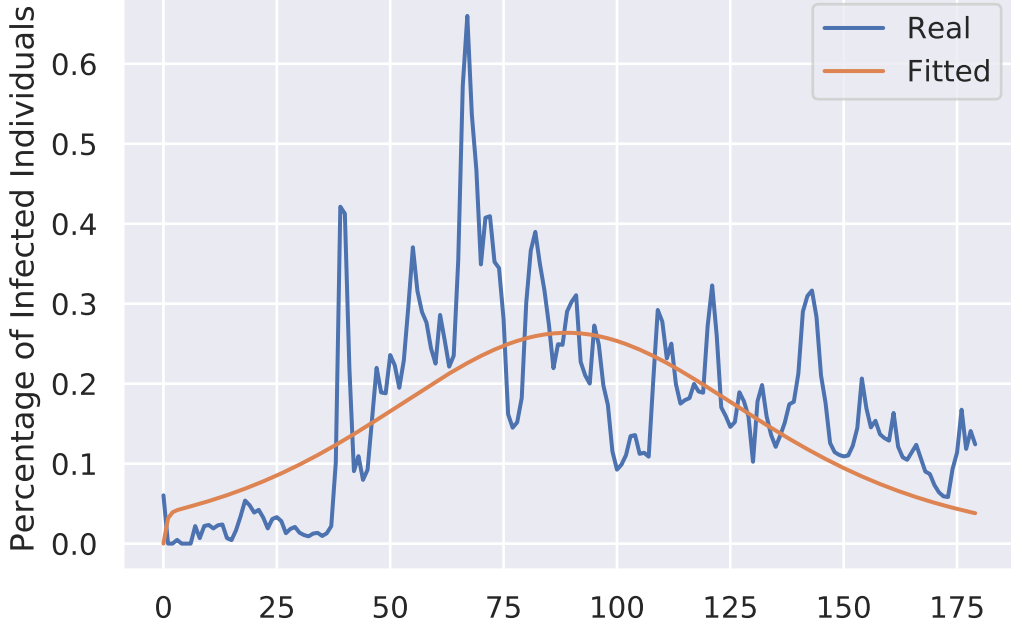


Infective Population Fit for SEIR Model (Window: 174)

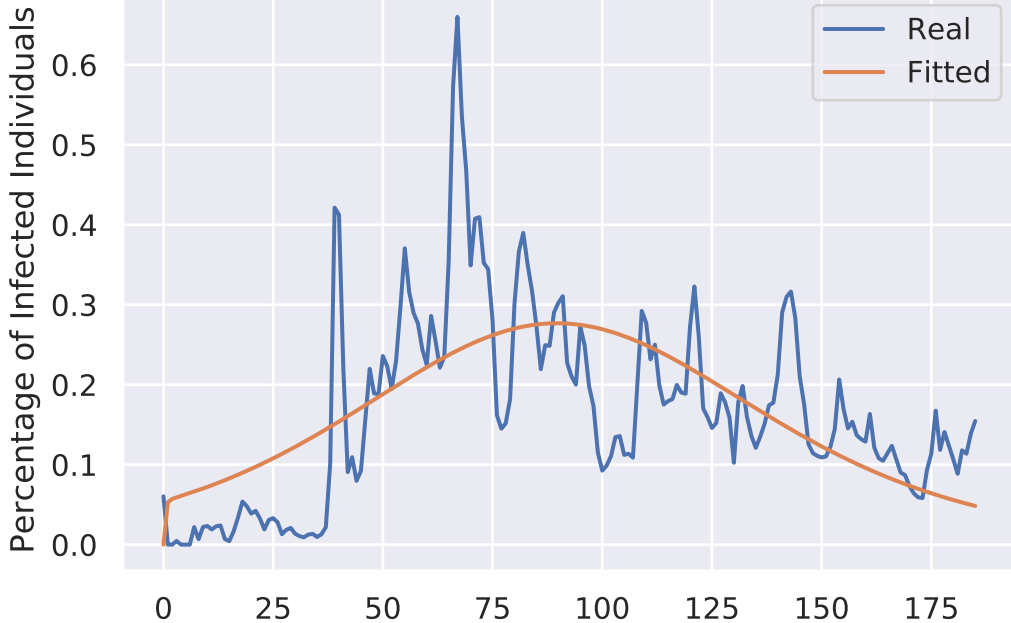
R_0 : 1.08, RMSE: 0.09, SSE:1.5, MAE: 0.07



Infective Population Fit for SEIR Model (Window: 180)
R0: 1.09, RMSE: 0.09, SSE:1.61, MAE: 0.07

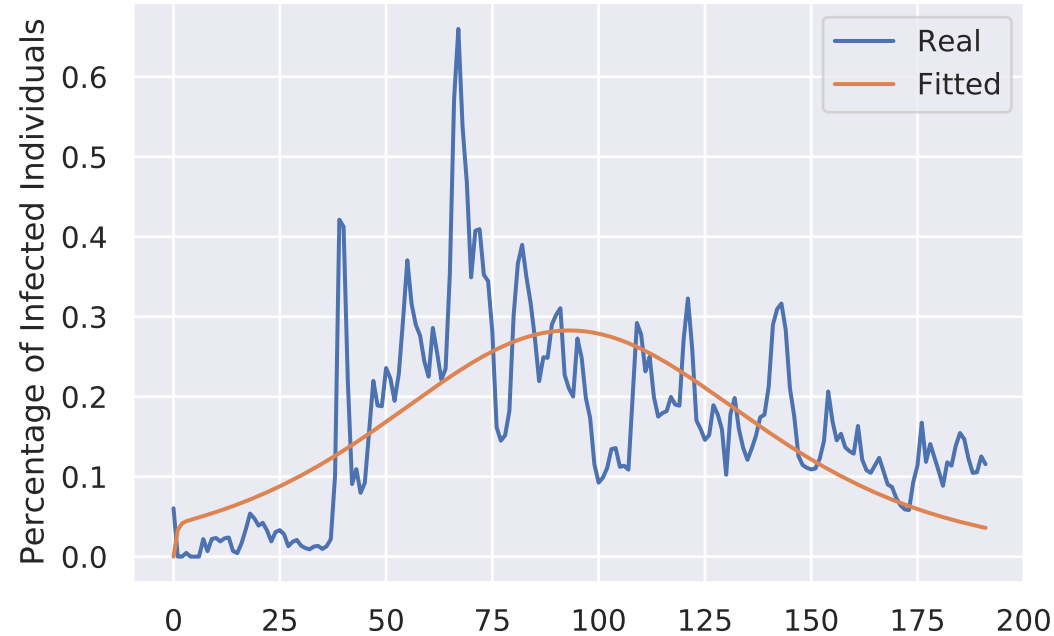


Infective Population Fit for SEIR Model (Window: 186)
R0: 1.08, RMSE: 0.09, SSE:1.57, MAE: 0.07



Infective Population Fit for SEIR Model (Window: 192)

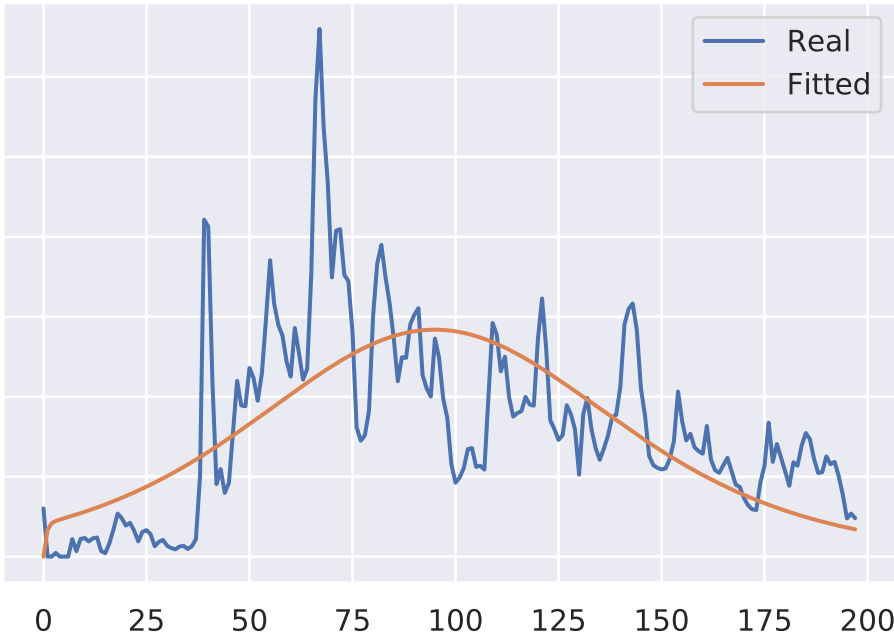
R_0 : 1.09, RMSE: 0.09, SSE:1.65, MAE: 0.07



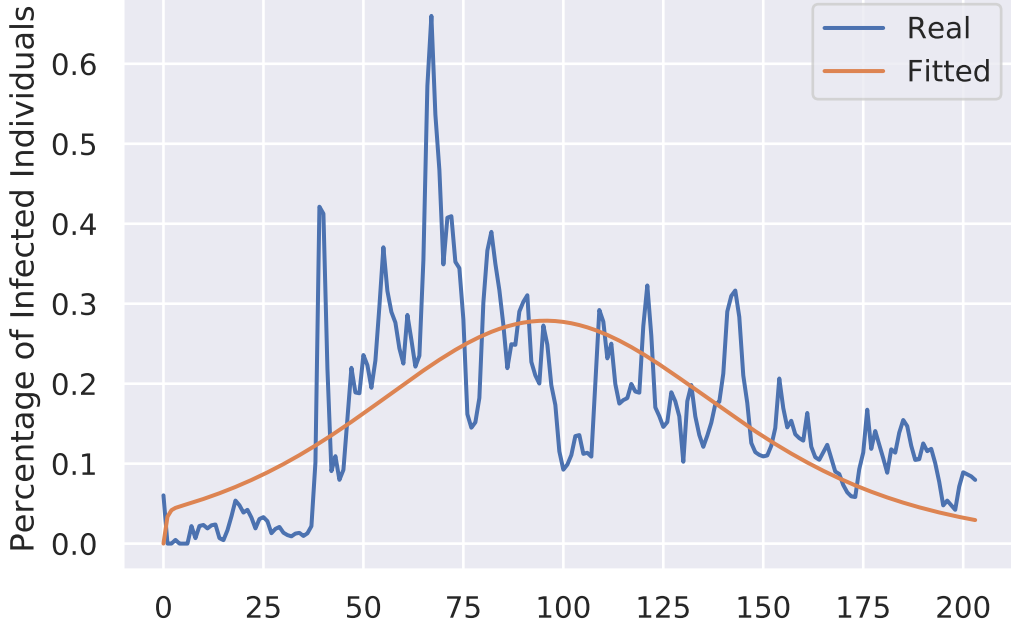
Infective Population Fit for SEIR Model (Window: 198)

R_0 : 1.09, RMSE: 0.09, SSE:1.67, MAE: 0.07

Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 204)
 R_0 : 1.09, RMSE: 0.09, SSE:1.68, MAE: 0.07



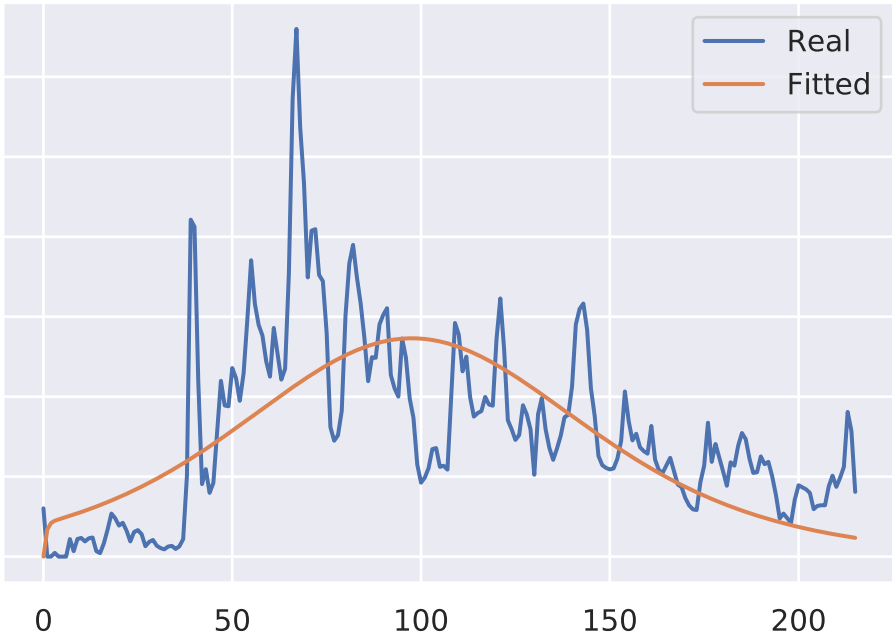
Infective Population Fit for SEIR Model (Window: 210)
 R_0 : 1.07, RMSE: 0.09, SSE:1.63, MAE: 0.07



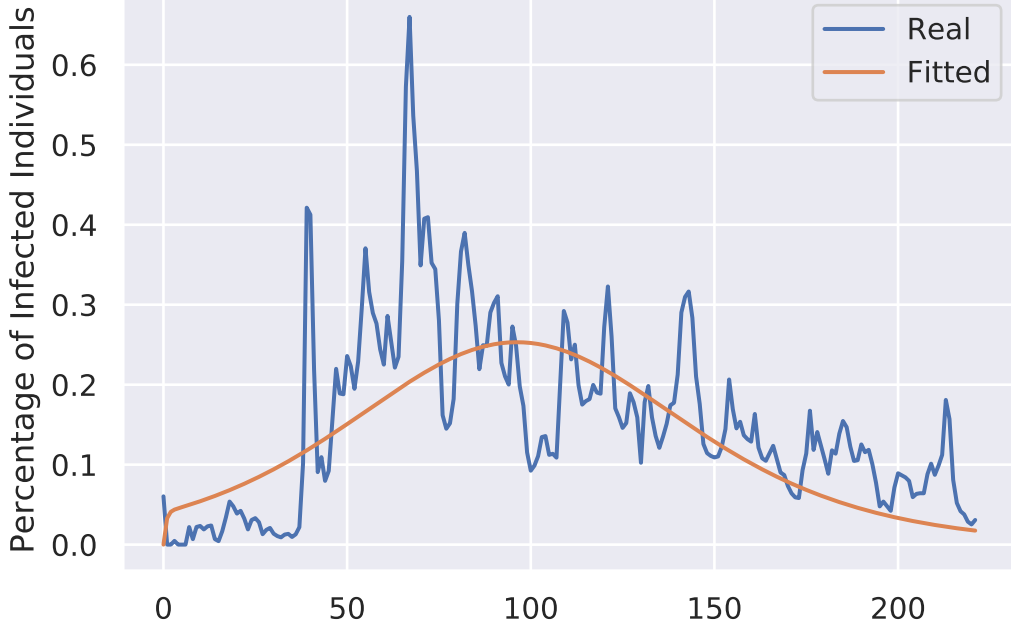
Infective Population Fit for SEIR Model (Window: 216)

R_0 : 1.09, RMSE: 0.09, SSE:1.77, MAE: 0.07

Percentage of Infected Individuals



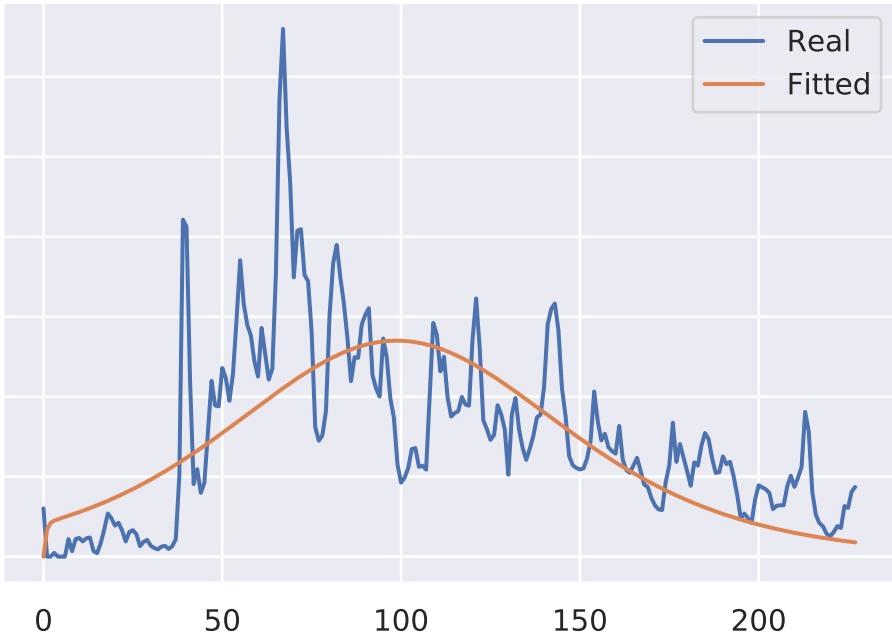
Infective Population Fit for SEIR Model (Window: 222)
R0: 1.09, RMSE: 0.09, SSE:1.8, MAE: 0.07



Infective Population Fit for SEIR Model (Window: 228)

R_0 : 1.09, RMSE: 0.09, SSE:1.79, MAE: 0.06

Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 234)

R_0 : 1.09, RMSE: 0.09, SSE:1.81, MAE: 0.06

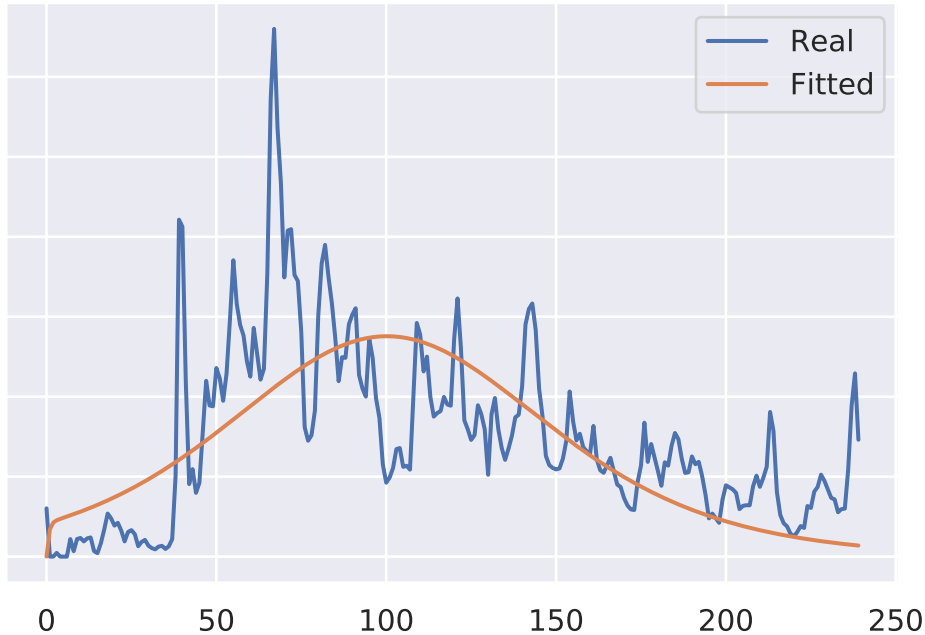
Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 240)

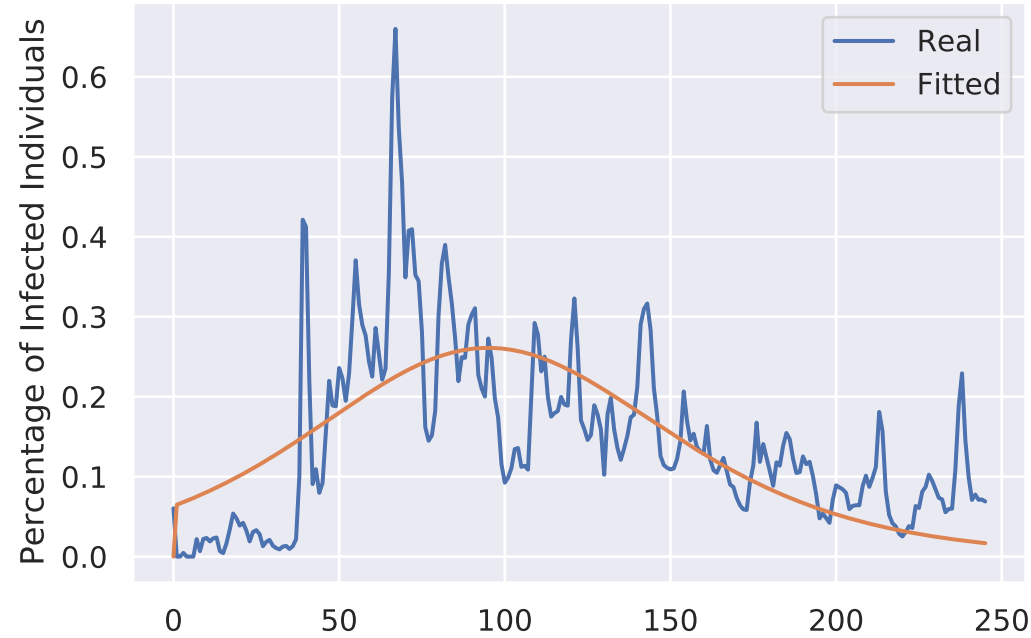
R_0 : 1.09, RMSE: 0.09, SSE:1.93, MAE: 0.07

Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 246)

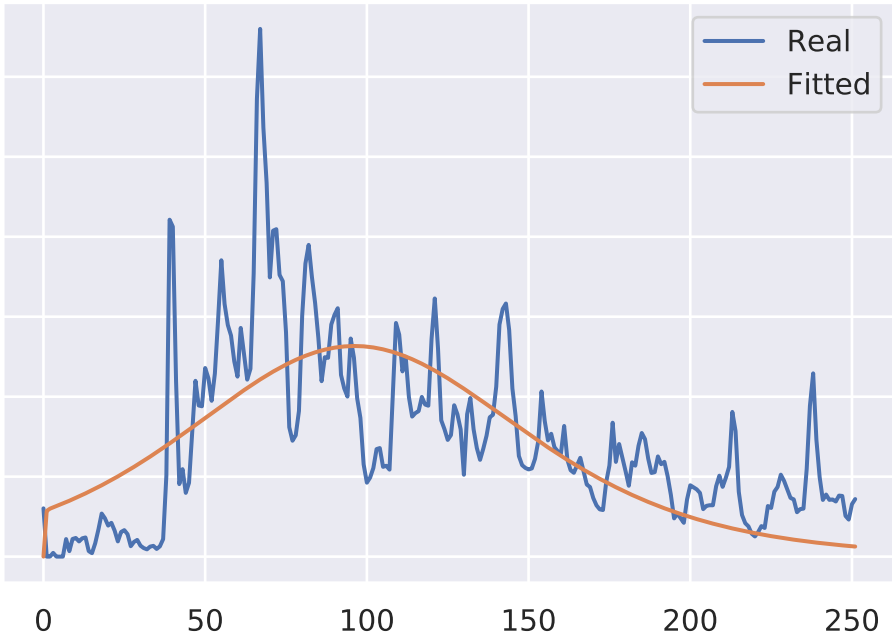
R_0 : 1.07, RMSE: 0.09, SSE:1.84, MAE: 0.06



Infective Population Fit for SEIR Model (Window: 252)

R_0 : 1.07, RMSE: 0.09, SSE:1.87, MAE: 0.06

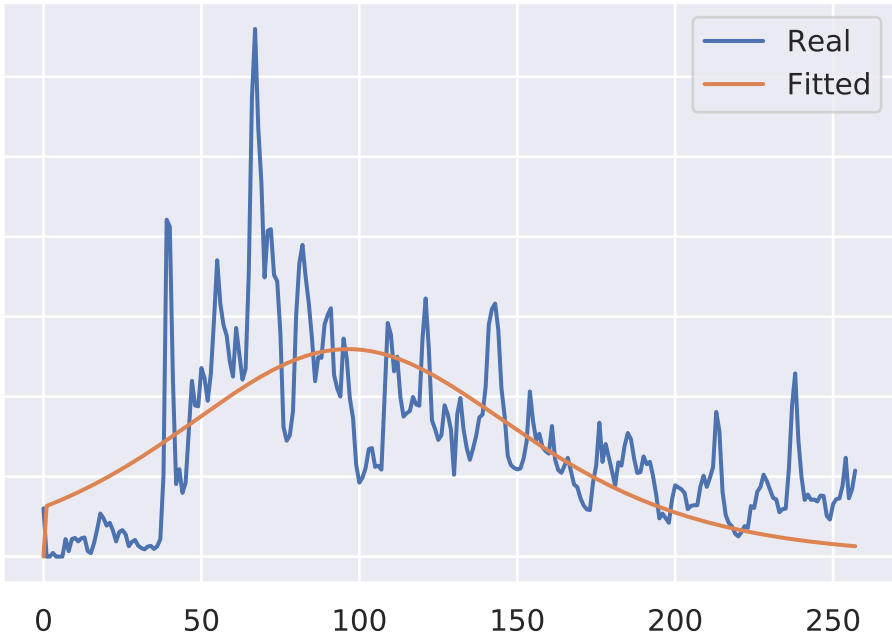
Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 258)

R_0 : 1.07, RMSE: 0.09, SSE:1.89, MAE: 0.06

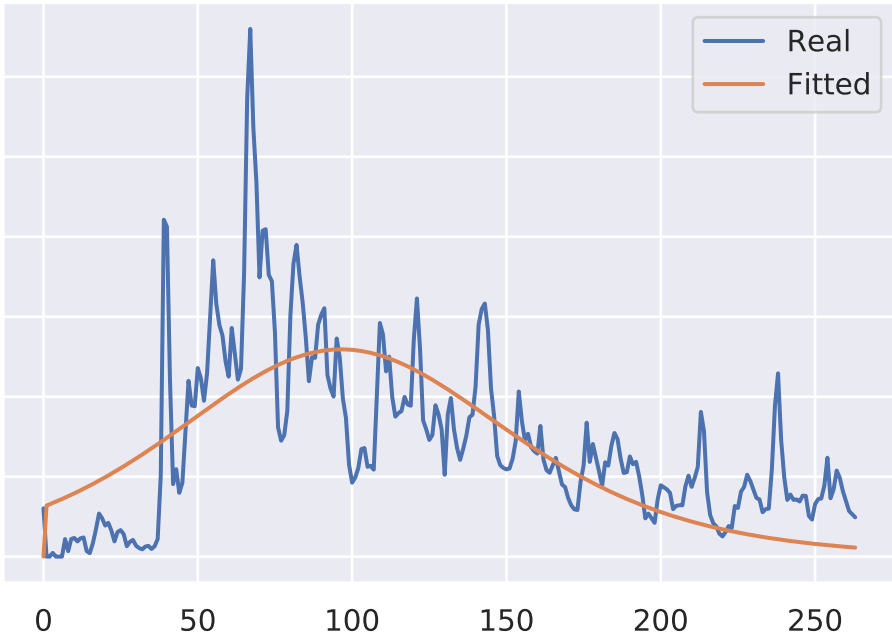
Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 264)

R_0 : 1.07, RMSE: 0.09, SSE:1.91, MAE: 0.06

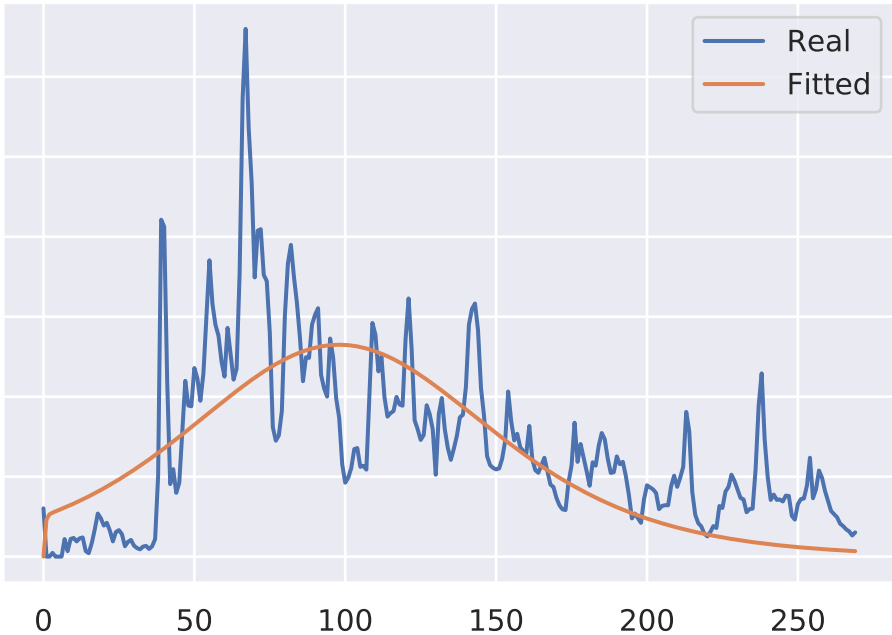
Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 270)

R_0 : 1.08, RMSE: 0.09, SSE:1.97, MAE: 0.06

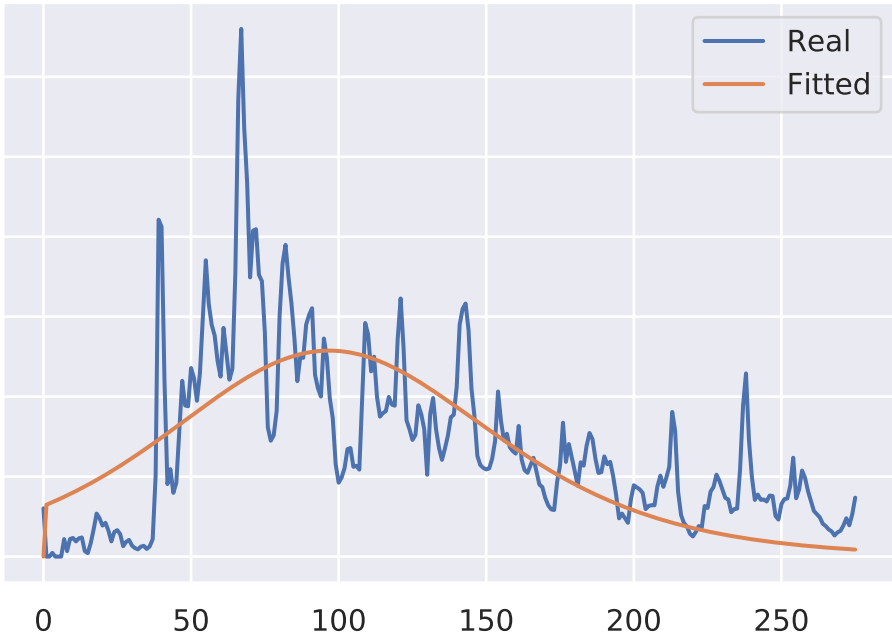
Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 276)

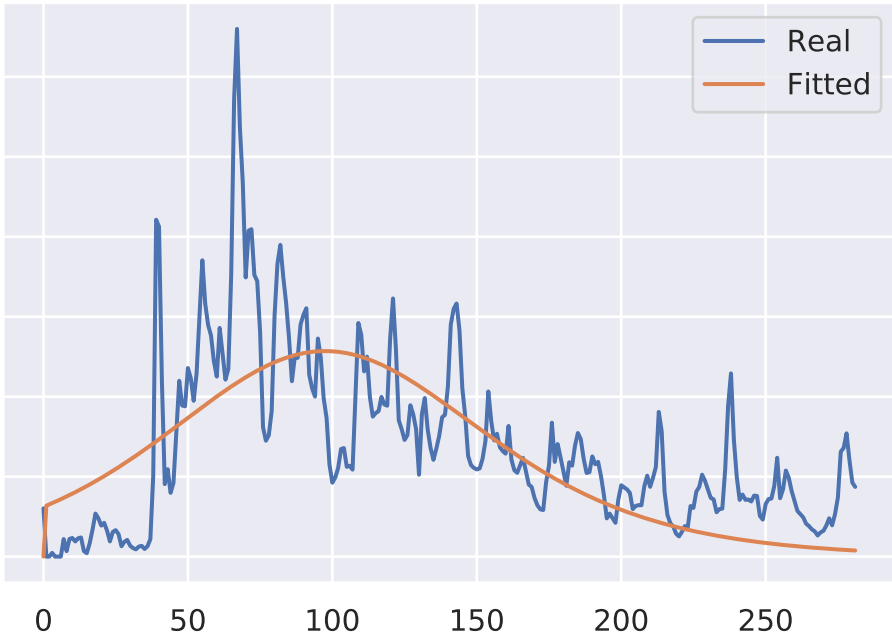
R_0 : 1.07, RMSE: 0.08, SSE:1.92, MAE: 0.06

Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 282)
R0: 1.07, RMSE: 0.08, SSE:2.01, MAE: 0.06

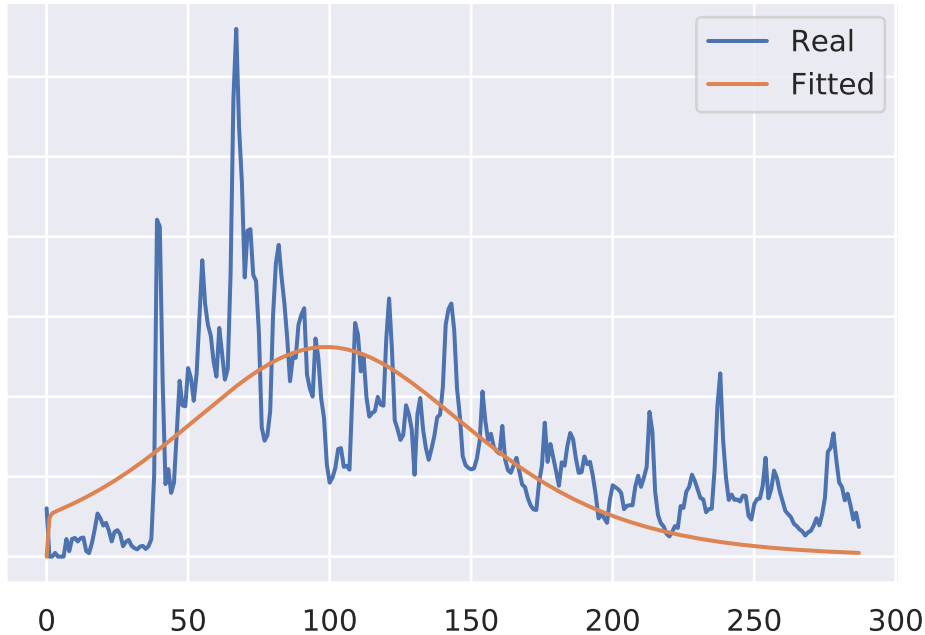
Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 288)

R_0 : 1.08, RMSE: 0.08, SSE:2.07, MAE: 0.06

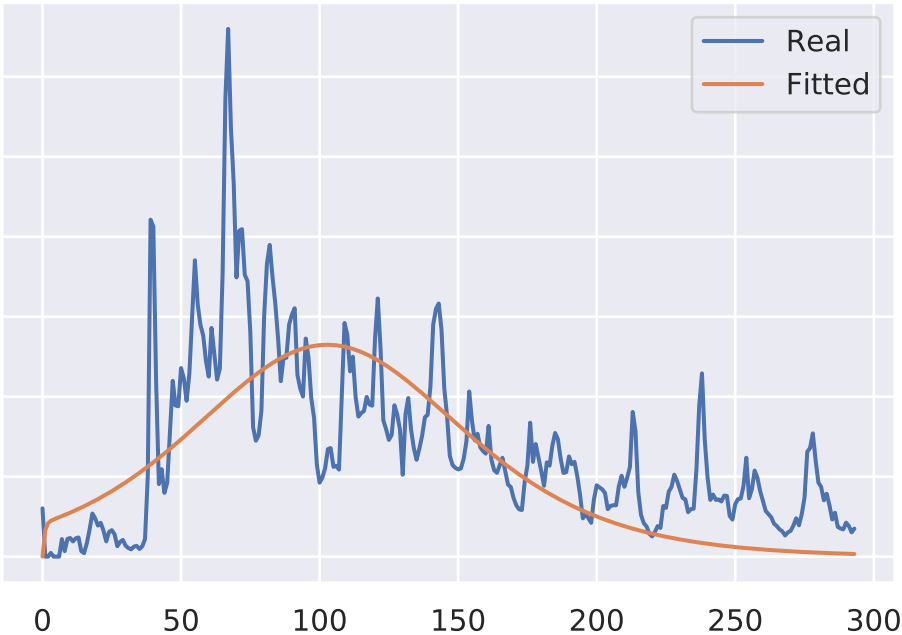
Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 294)

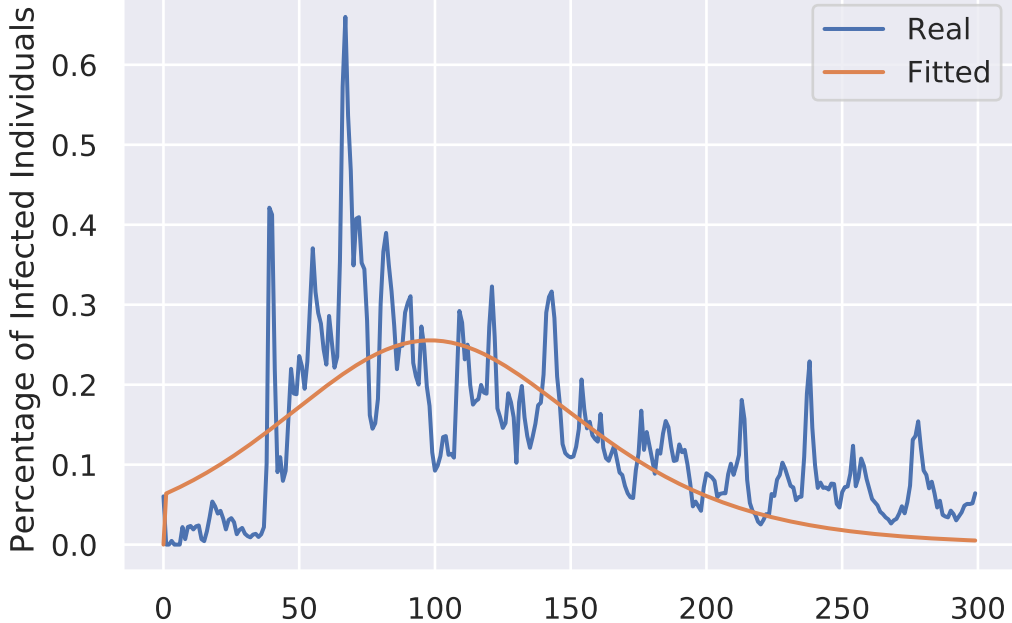
R_0 : 1.09, RMSE: 0.09, SSE:2.18, MAE: 0.06

Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 300)

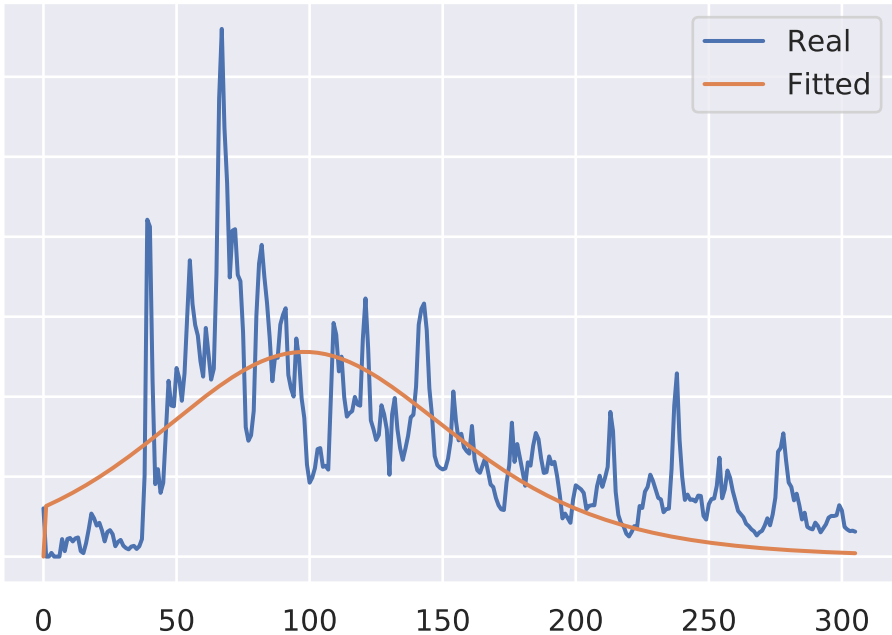
R_0 : 1.07, RMSE: 0.08, SSE:2.04, MAE: 0.06



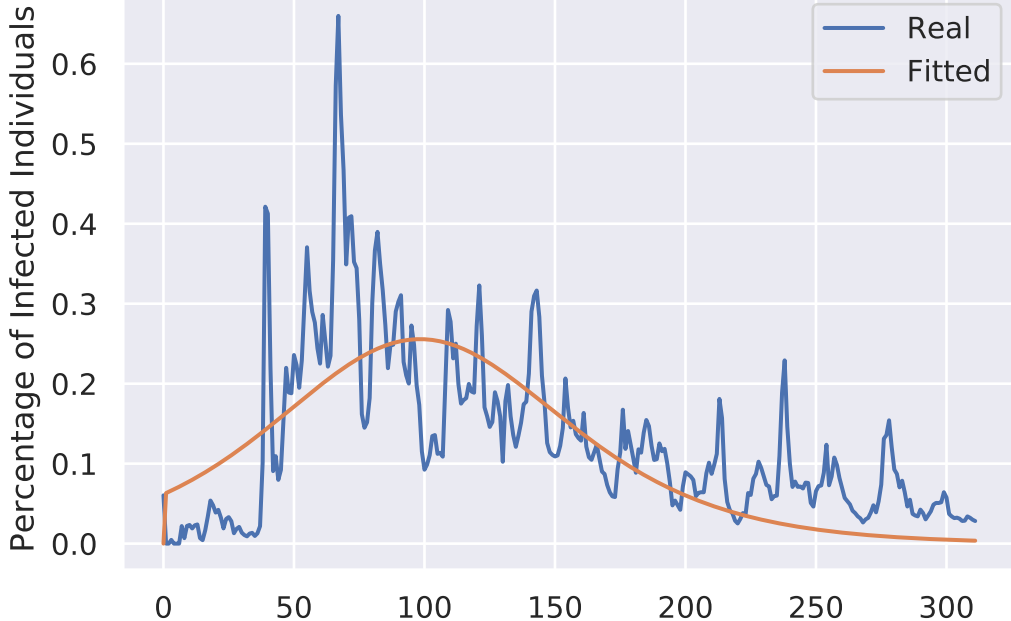
Infective Population Fit for SEIR Model (Window: 306)

R_0 : 1.07, RMSE: 0.08, SSE:2.05, MAE: 0.06

Percentage of Infected Individuals



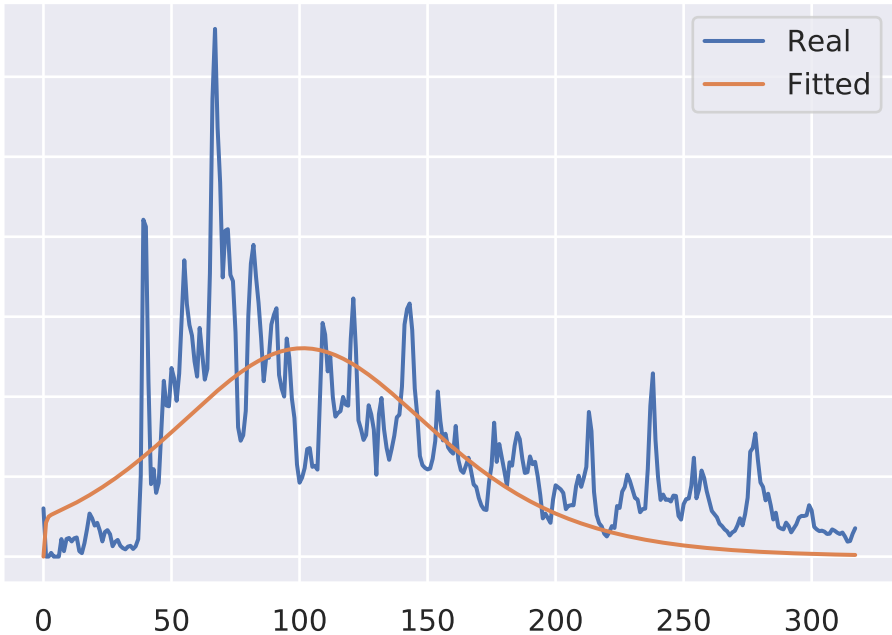
Infective Population Fit for SEIR Model (Window: 312)
R0: 1.07, RMSE: 0.08, SSE:2.05, MAE: 0.06



Infective Population Fit for SEIR Model (Window: 318)

R_0 : 1.08, RMSE: 0.08, SSE:2.14, MAE: 0.06

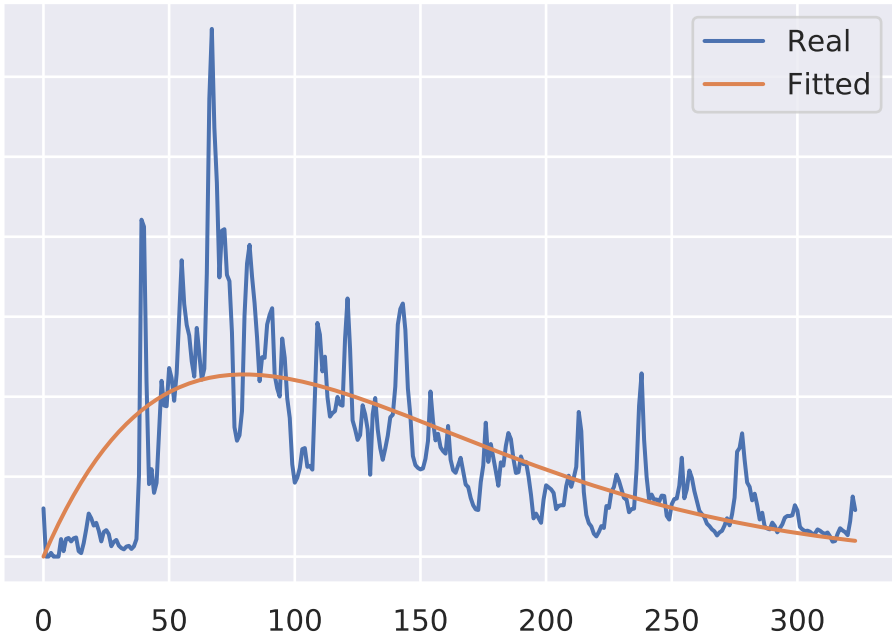
Percentage of Infected Individuals



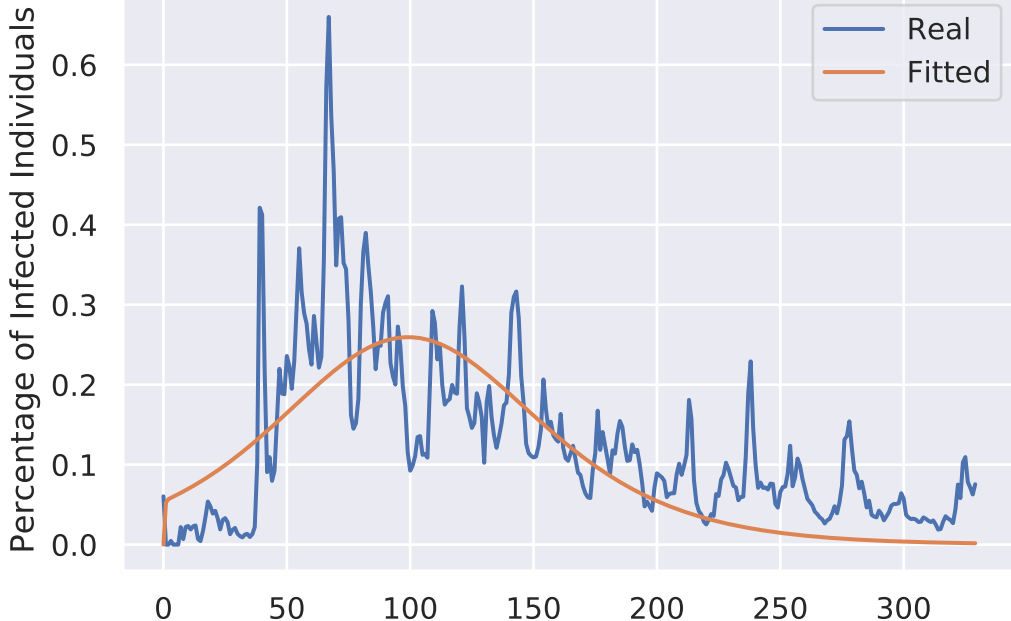
Infective Population Fit for SEIR Model (Window: 324)

R_0 : 5.07, RMSE: 0.07, SSE:1.79, MAE: 0.05

Percentage of Infected Individuals



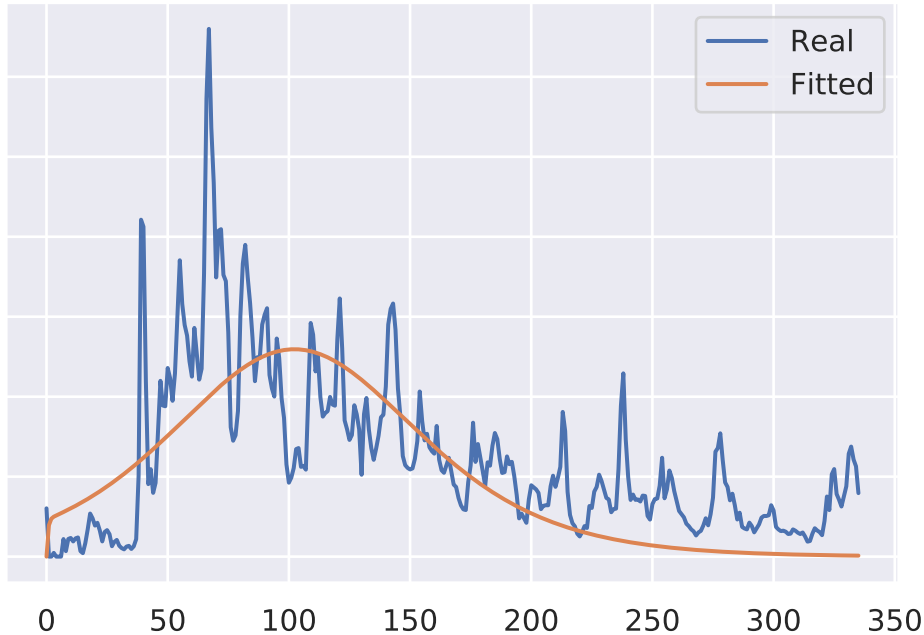
Infective Population Fit for SEIR Model (Window: 330)
R0: 1.07, RMSE: 0.08, SSE:2.15, MAE: 0.06



Infective Population Fit for SEIR Model (Window: 336)

R_0 : 1.08, RMSE: 0.08, SSE:2.29, MAE: 0.06

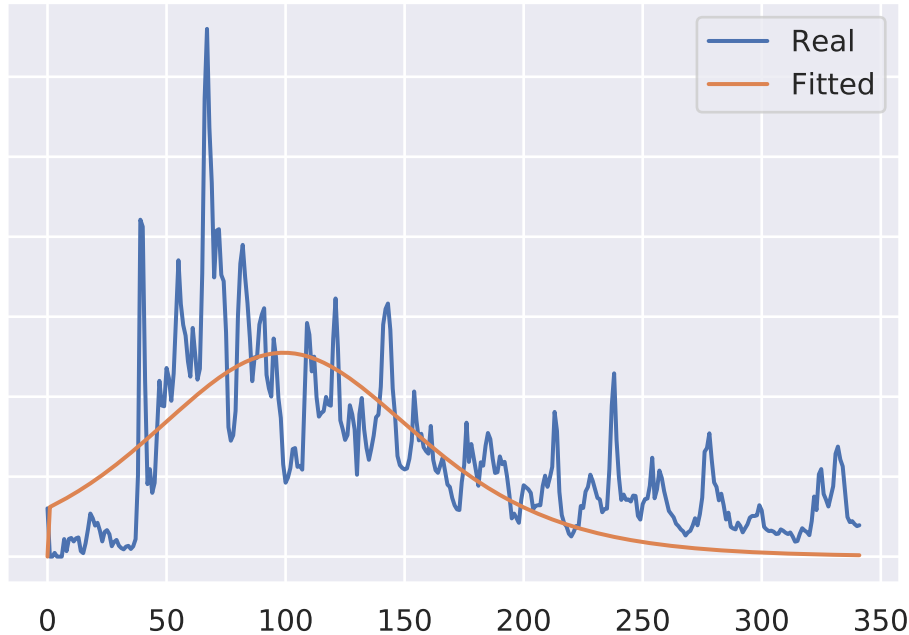
Percentage of Infected Individuals



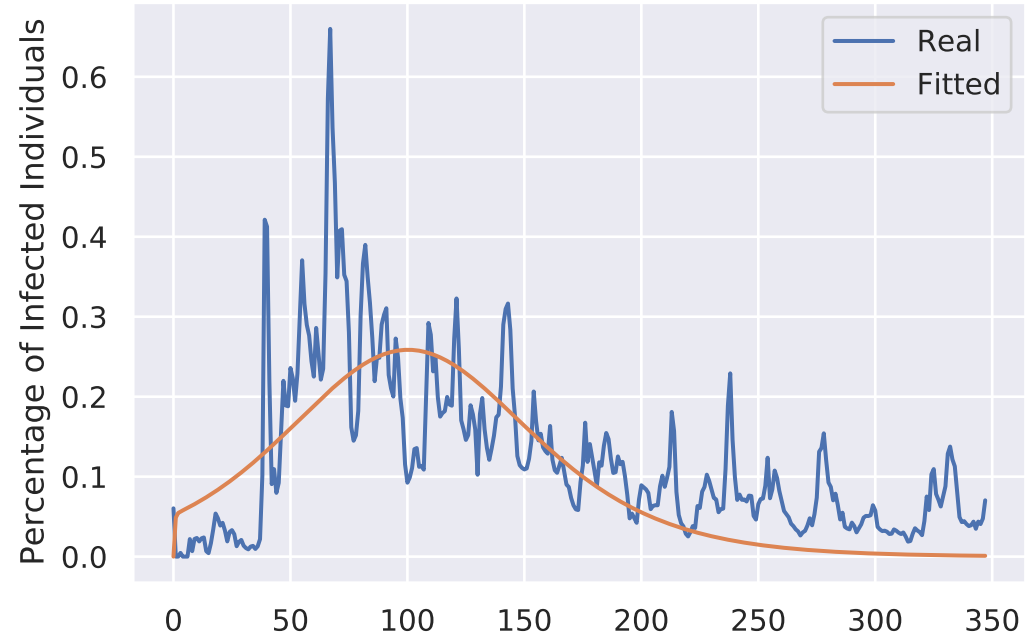
Infective Population Fit for SEIR Model (Window: 342)

R_0 : 1.07, RMSE: 0.08, SSE:2.2, MAE: 0.06

Percentage of Infected Individuals



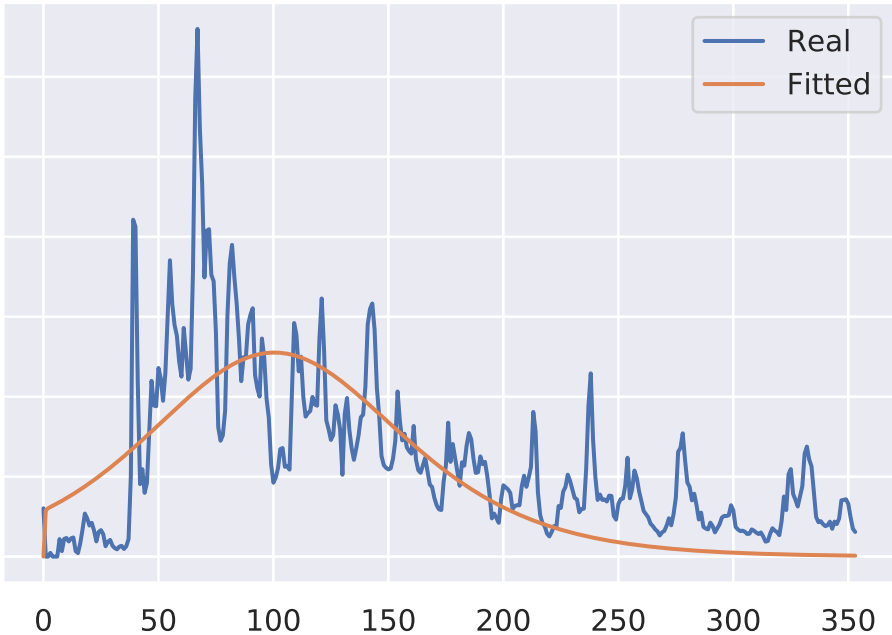
Infective Population Fit for SEIR Model (Window: 348)
R0: 1.08, RMSE: 0.08, SSE:2.26, MAE: 0.06



Infective Population Fit for SEIR Model (Window: 354)

R_0 : 1.07, RMSE: 0.08, SSE:2.25, MAE: 0.06

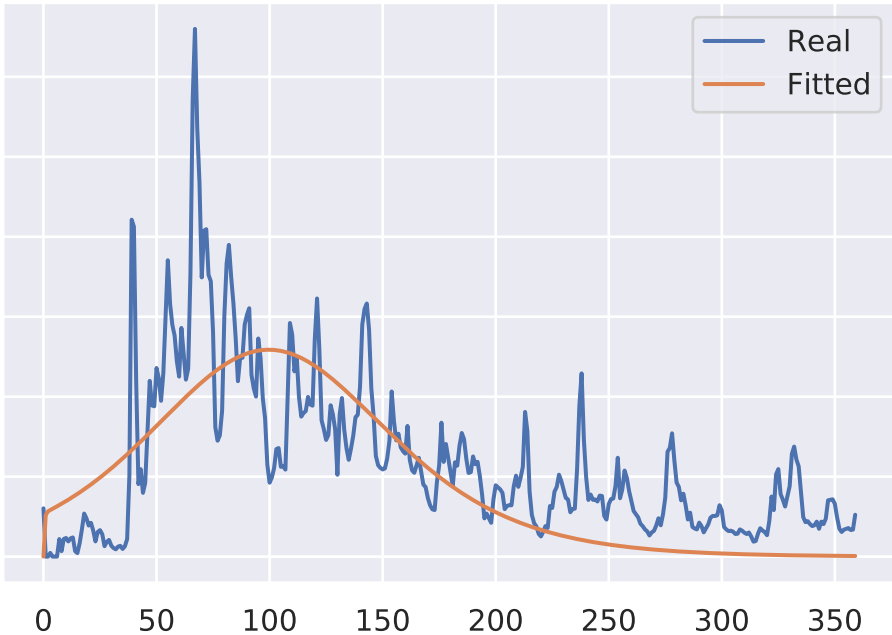
Percentage of Infected Individuals



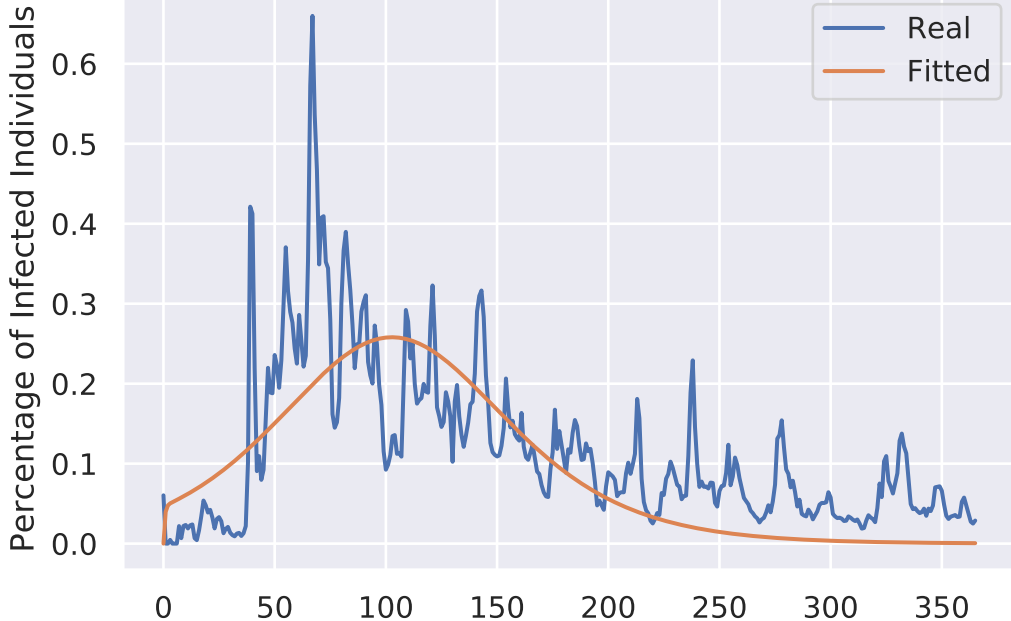
Infective Population Fit for SEIR Model (Window: 360)

R_0 : 1.07, RMSE: 0.08, SSE:2.28, MAE: 0.06

Percentage of Infected Individuals



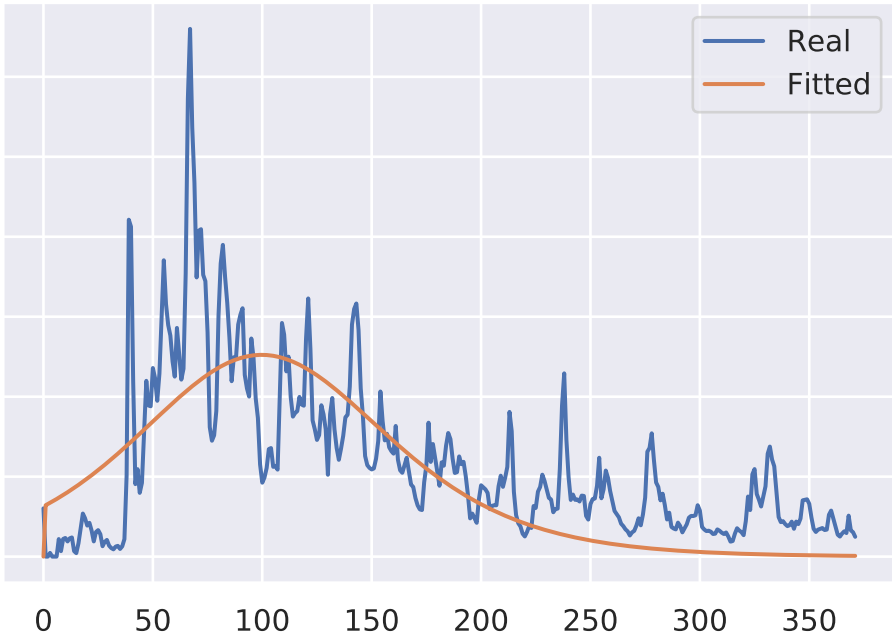
Infective Population Fit for SEIR Model (Window: 366)
R0: 1.08, RMSE: 0.08, SSE:2.35, MAE: 0.06



Infective Population Fit for SEIR Model (Window: 372)

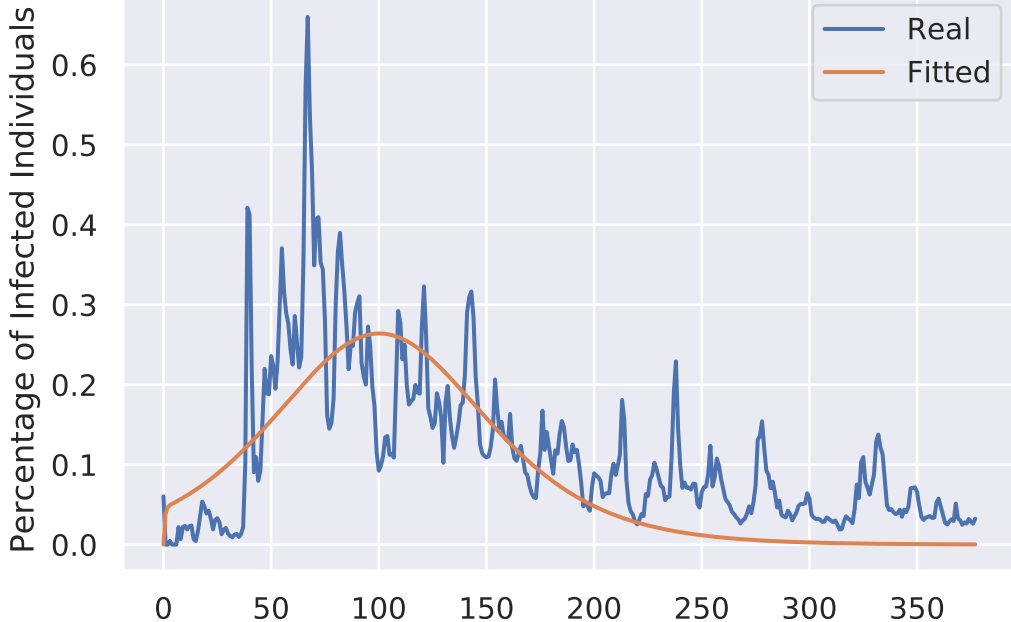
R_0 : 1.07, RMSE: 0.08, SSE:2.24, MAE: 0.06

Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 378)

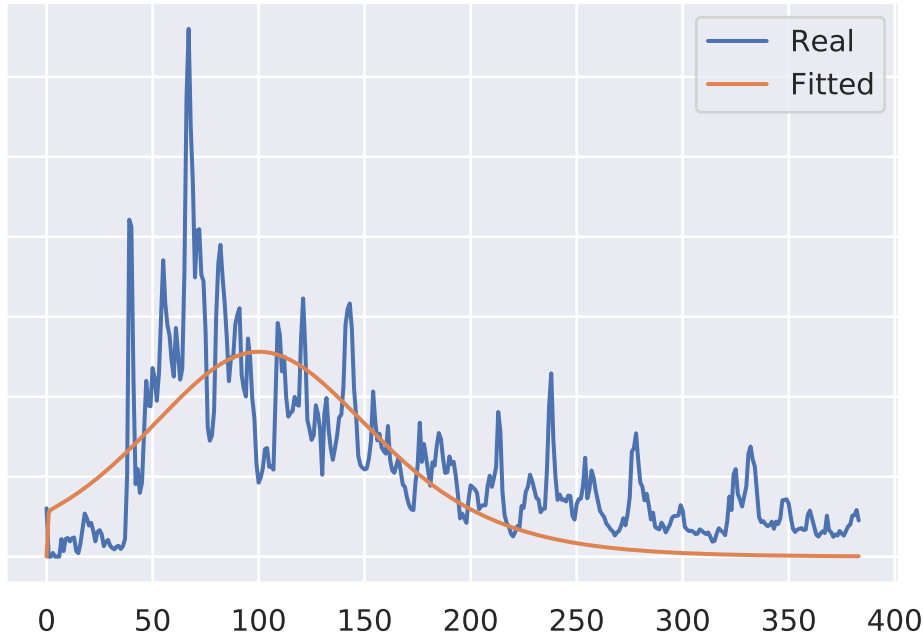
R_0 : 1.08, RMSE: 0.08, SSE:2.36, MAE: 0.06



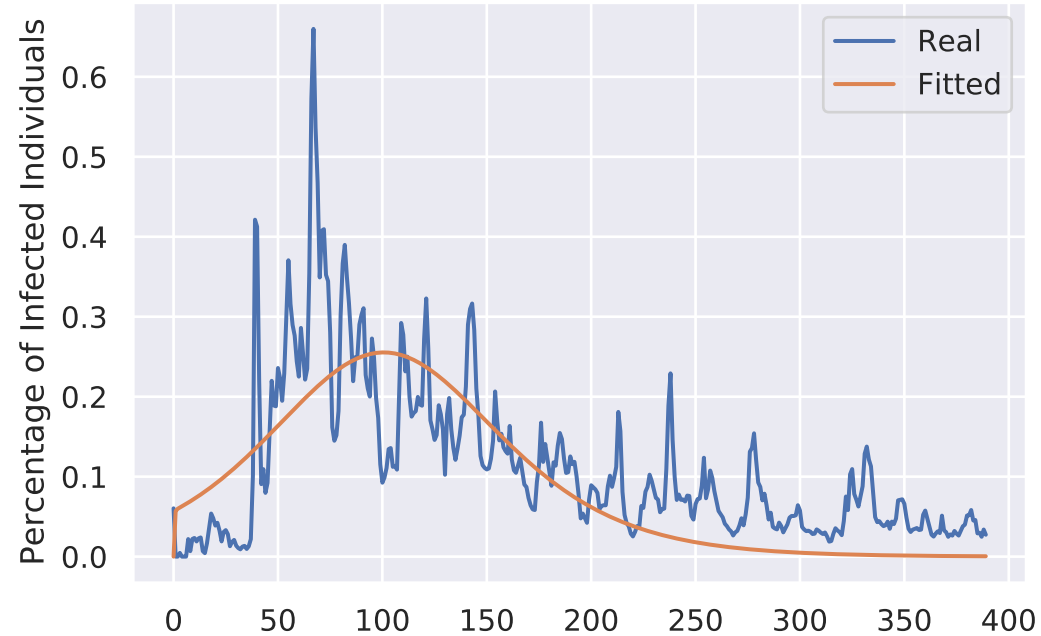
Infective Population Fit for SEIR Model (Window: 384)

R_0 : 1.07, RMSE: 0.08, SSE:2.3, MAE: 0.06

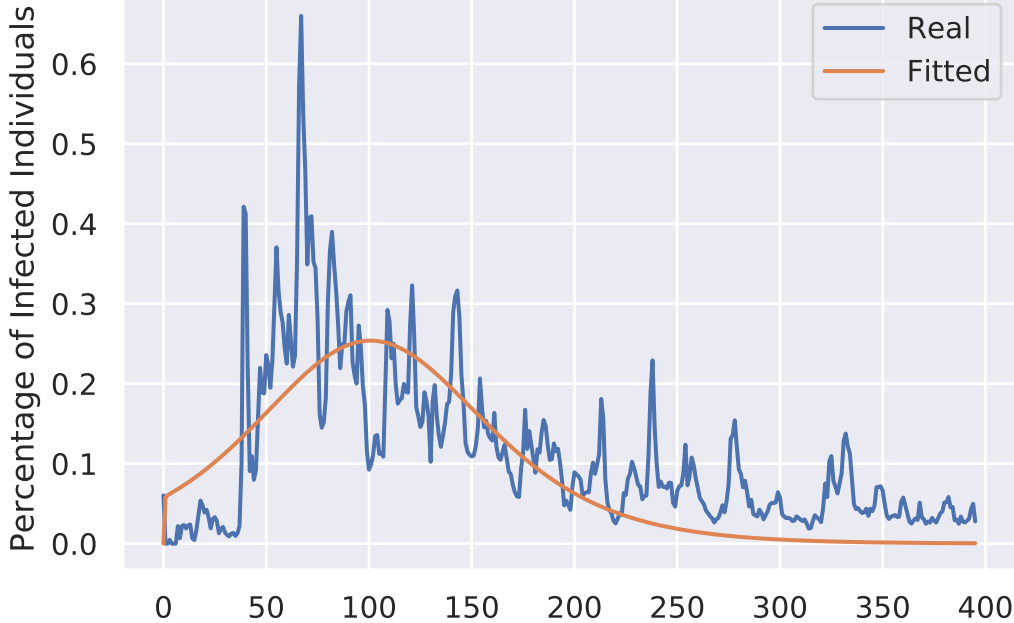
Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 390)
R0: 1.07, RMSE: 0.08, SSE:2.3, MAE: 0.06



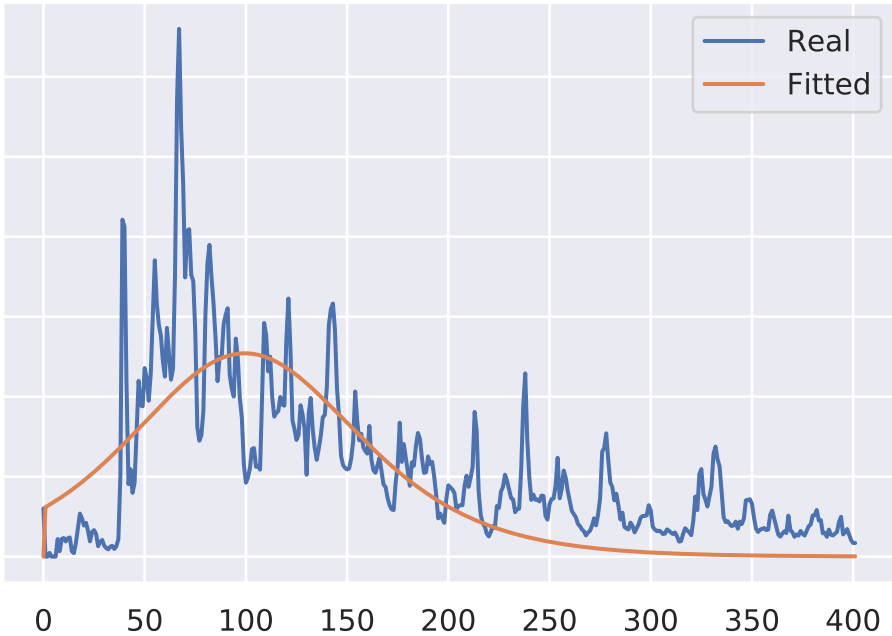
Infective Population Fit for SEIR Model (Window: 396)
R0: 1.07, RMSE: 0.08, SSE:2.3, MAE: 0.06



Infective Population Fit for SEIR Model (Window: 402)

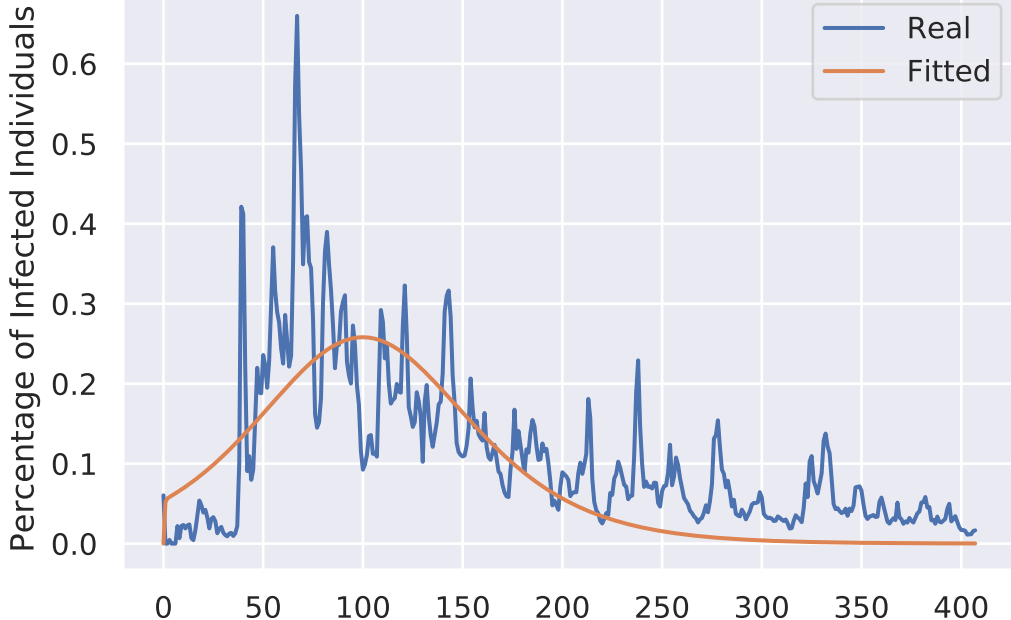
R_0 : 1.07, RMSE: 0.08, SSE:2.29, MAE: 0.06

Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 408)

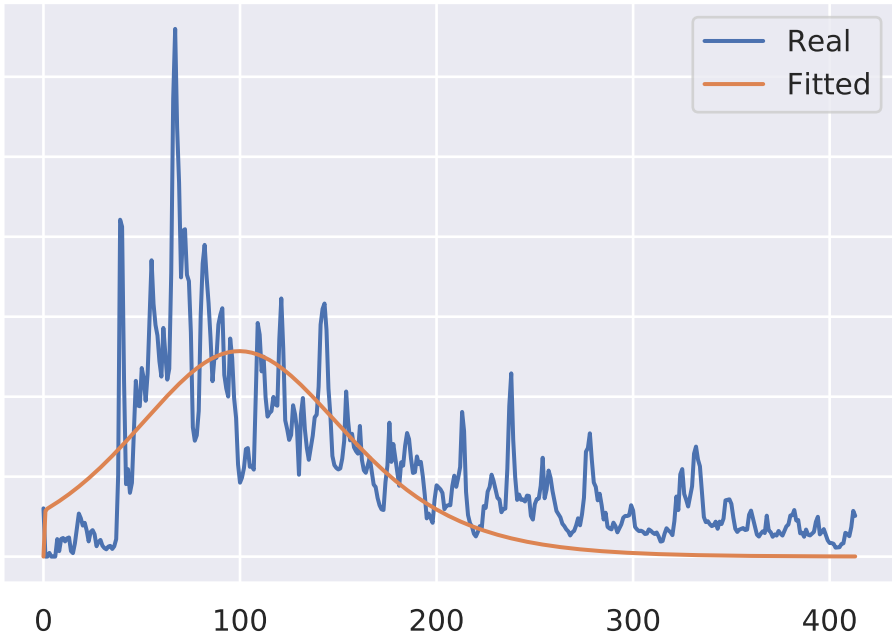
R_0 : 1.07, RMSE: 0.08, SSE:2.33, MAE: 0.06



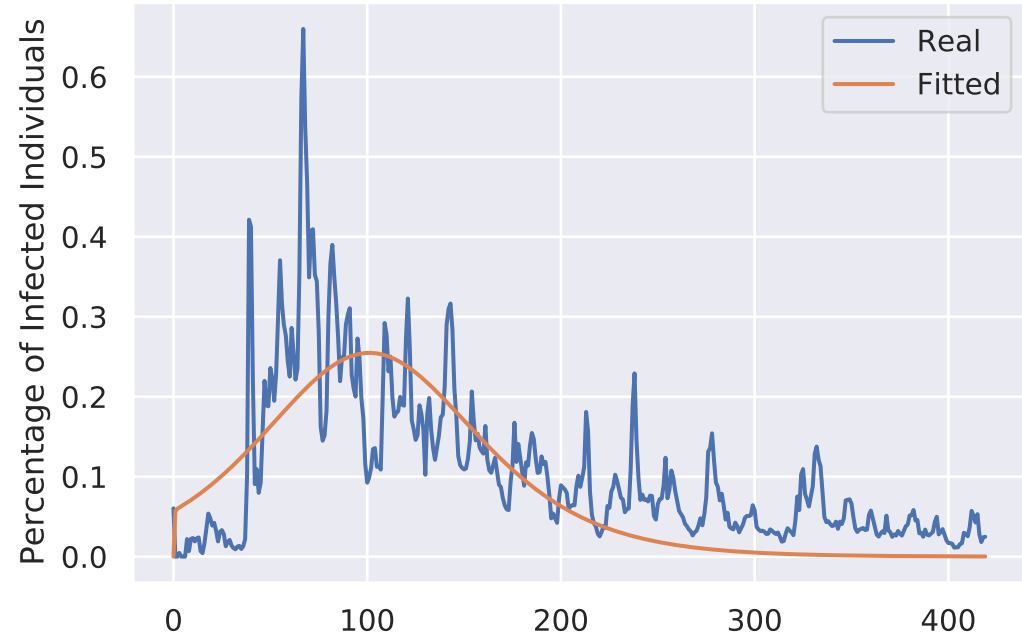
Infective Population Fit for SEIR Model (Window: 414)

R_0 : 1.07, RMSE: 0.07, SSE:2.32, MAE: 0.06

Percentage of Infected Individuals



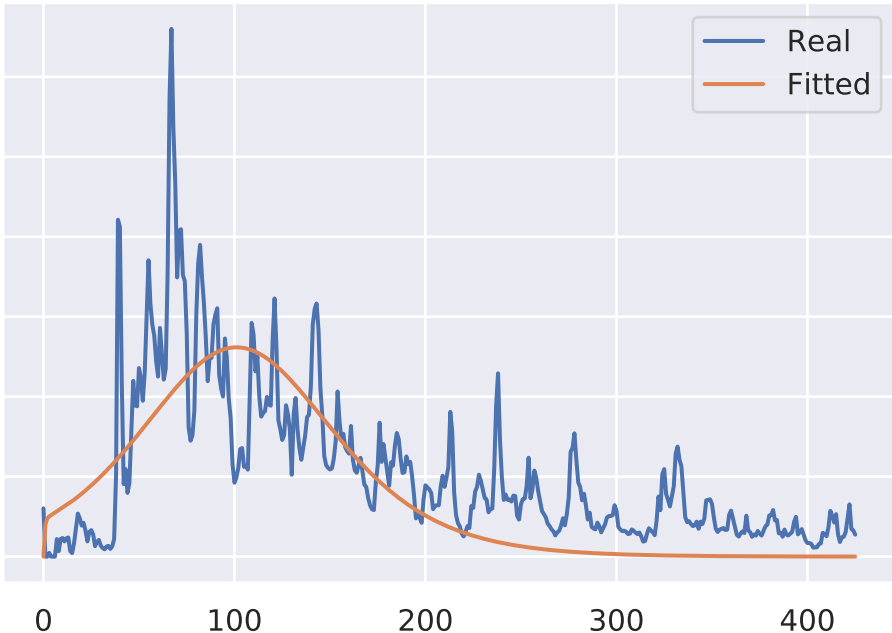
Infective Population Fit for SEIR Model (Window: 420)
R0: 1.07, RMSE: 0.07, SSE:2.33, MAE: 0.06



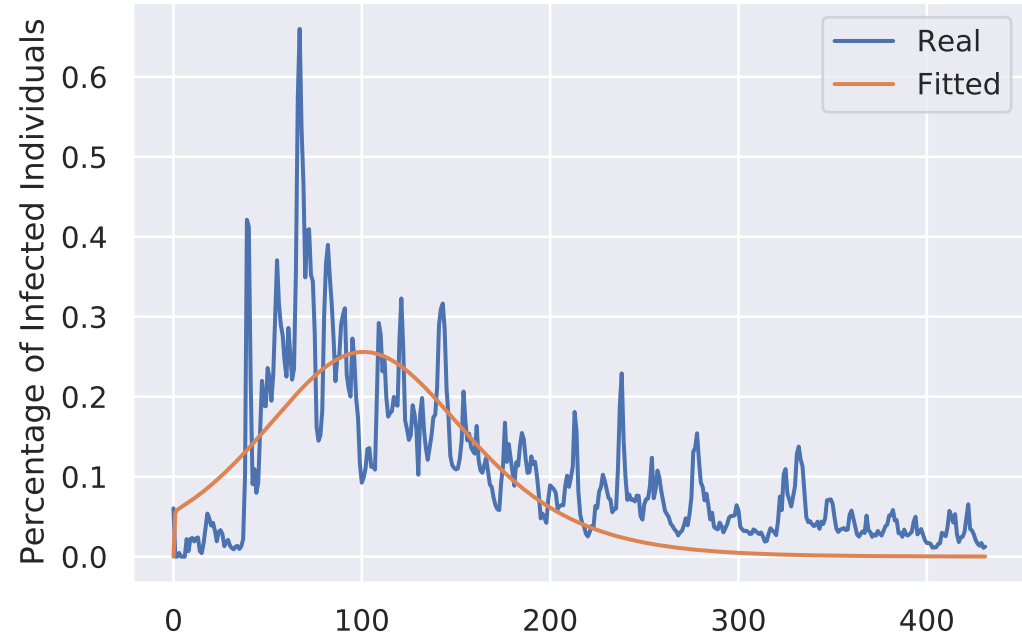
Infective Population Fit for SEIR Model (Window: 426)

R_0 : 1.08, RMSE: 0.08, SSE:2.42, MAE: 0.06

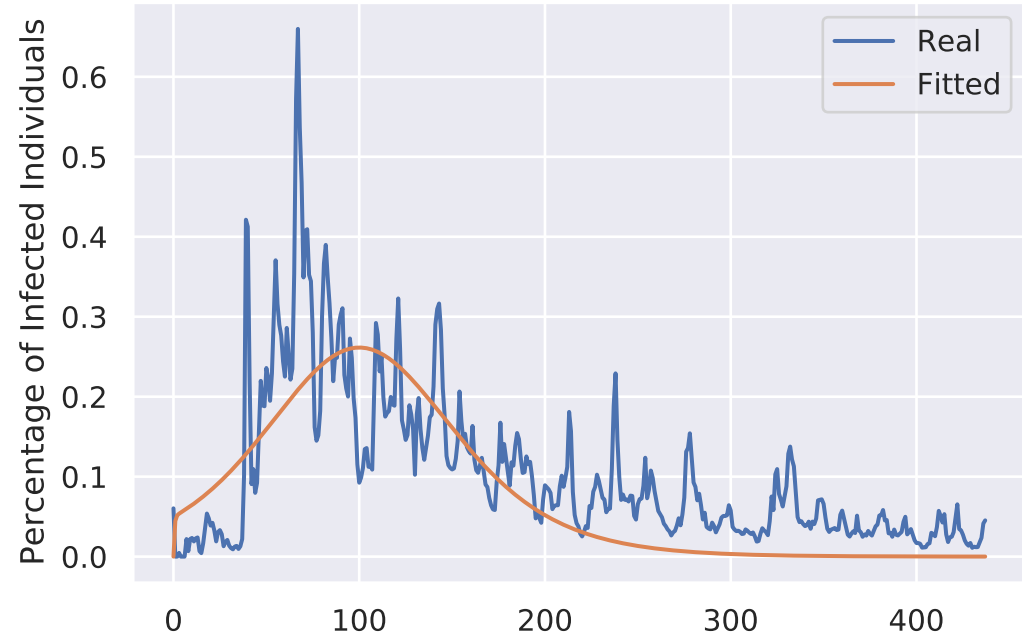
Percentage of Infected Individuals



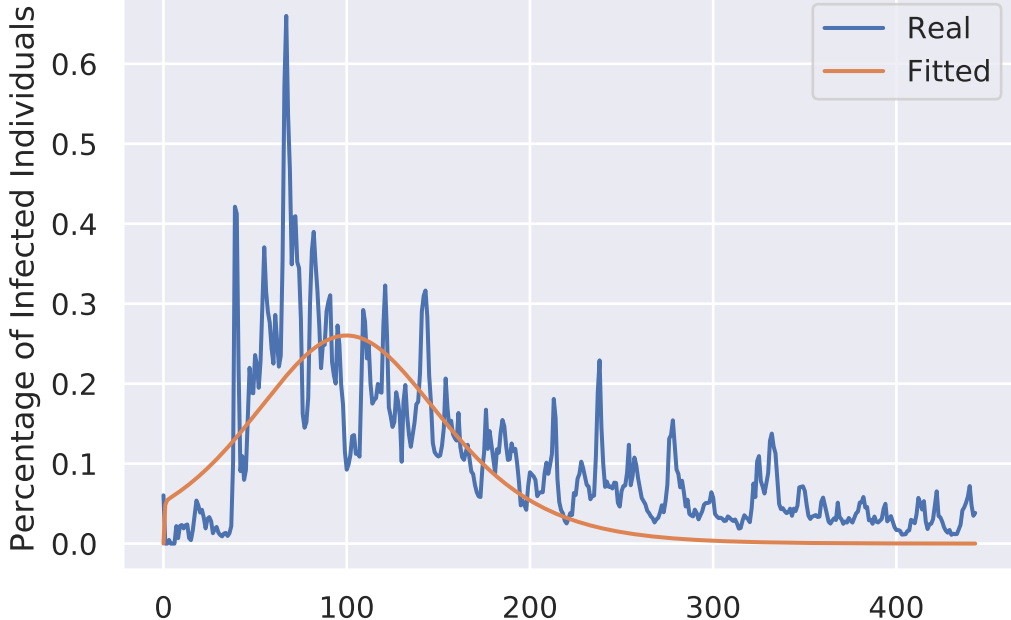
Infective Population Fit for SEIR Model (Window: 432)
R0: 1.07, RMSE: 0.07, SSE:2.35, MAE: 0.06



Infective Population Fit for SEIR Model (Window: 438)
R0: 1.08, RMSE: 0.07, SSE:2.39, MAE: 0.06



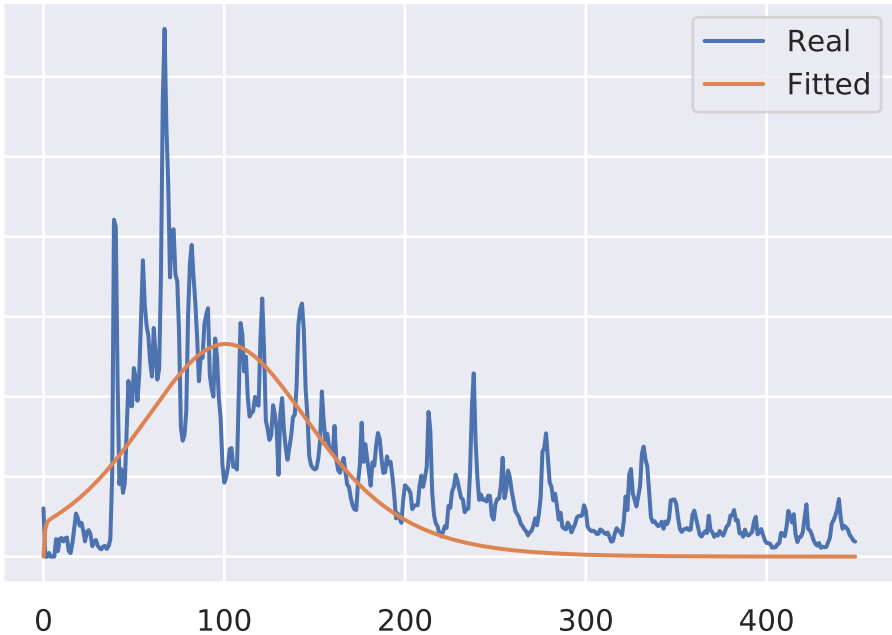
Infective Population Fit for SEIR Model (Window: 444)
R0: 1.08, RMSE: 0.07, SSE:2.39, MAE: 0.06



Infective Population Fit for SEIR Model (Window: 450)

R_0 : 1.09, RMSE: 0.07, SSE:2.49, MAE: 0.06

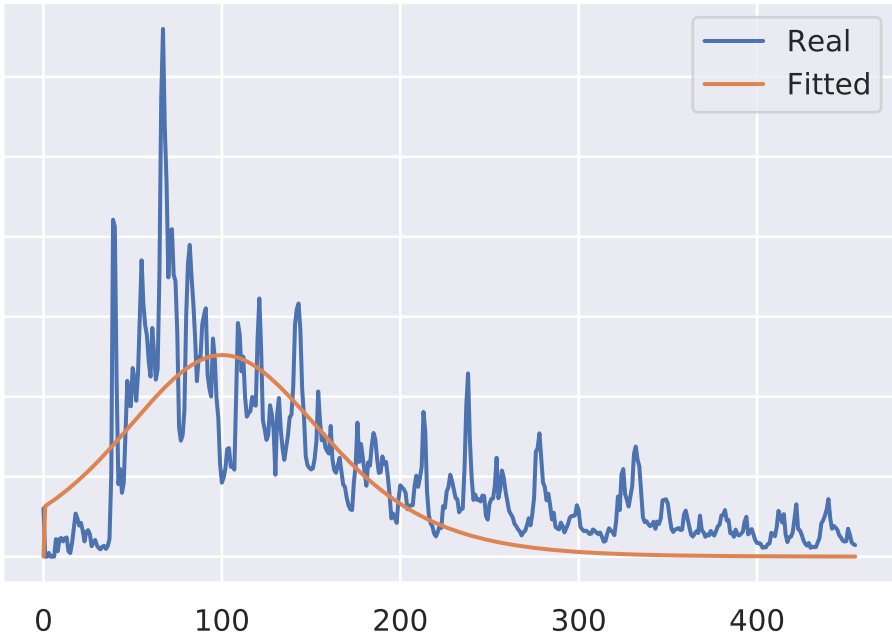
Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 456)

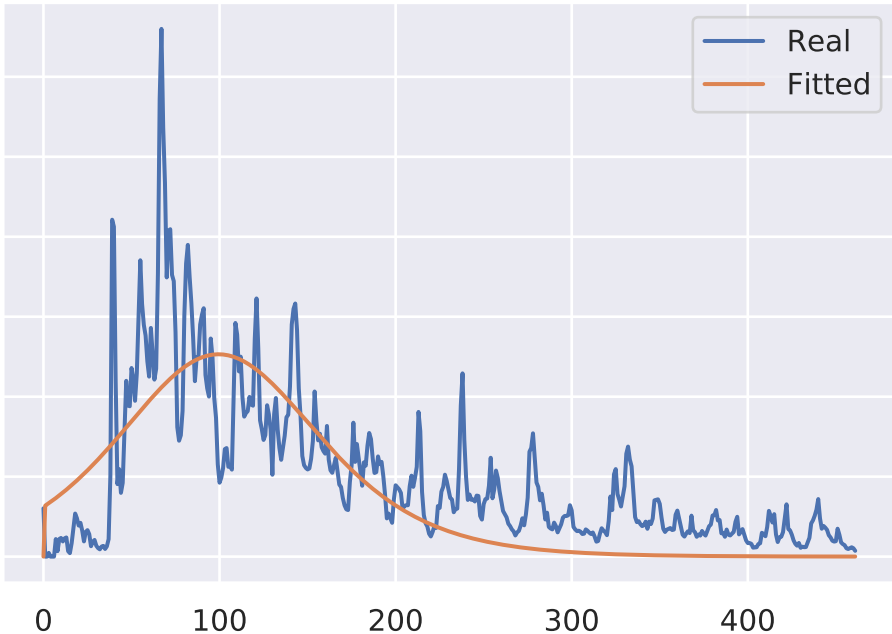
R_0 : 1.07, RMSE: 0.07, SSE:2.34, MAE: 0.05

Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 462)
R0: 1.07, RMSE: 0.07, SSE:2.34, MAE: 0.05

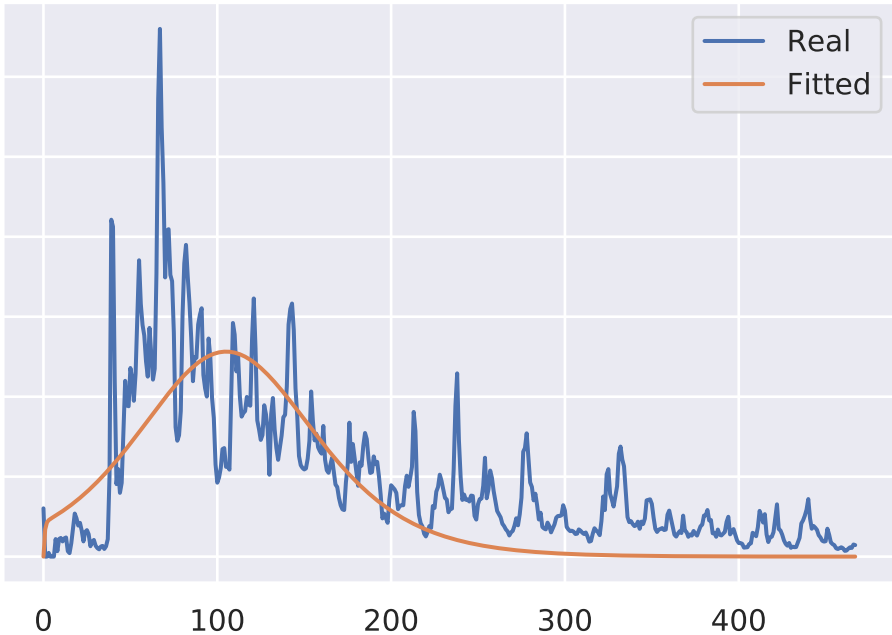
Percentage of Infected Individuals



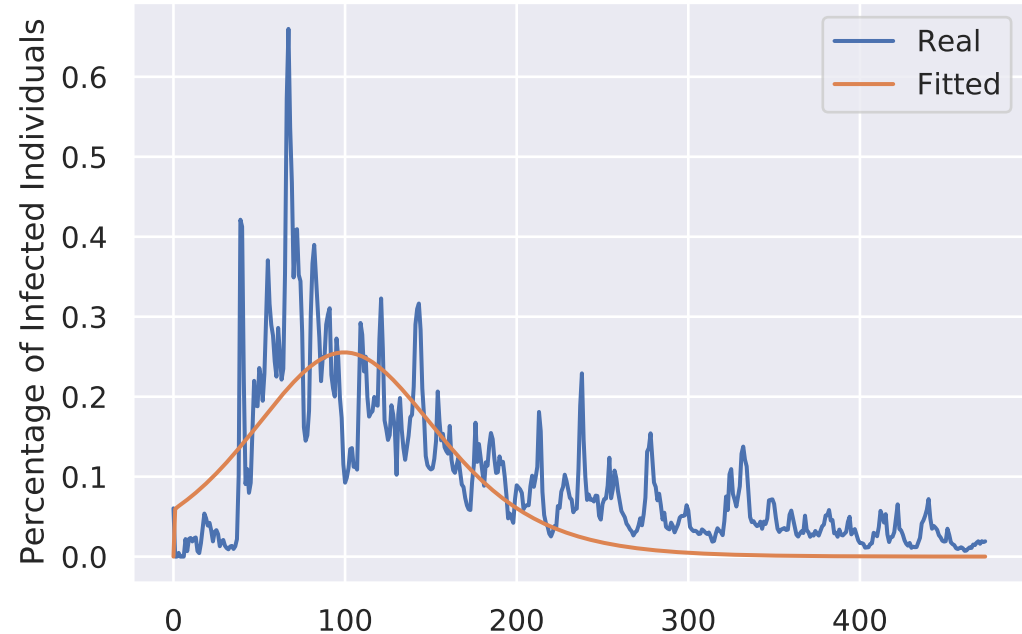
Infective Population Fit for SEIR Model (Window: 468)

R_0 : 1.09, RMSE: 0.07, SSE:2.51, MAE: 0.05

Percentage of Infected Individuals



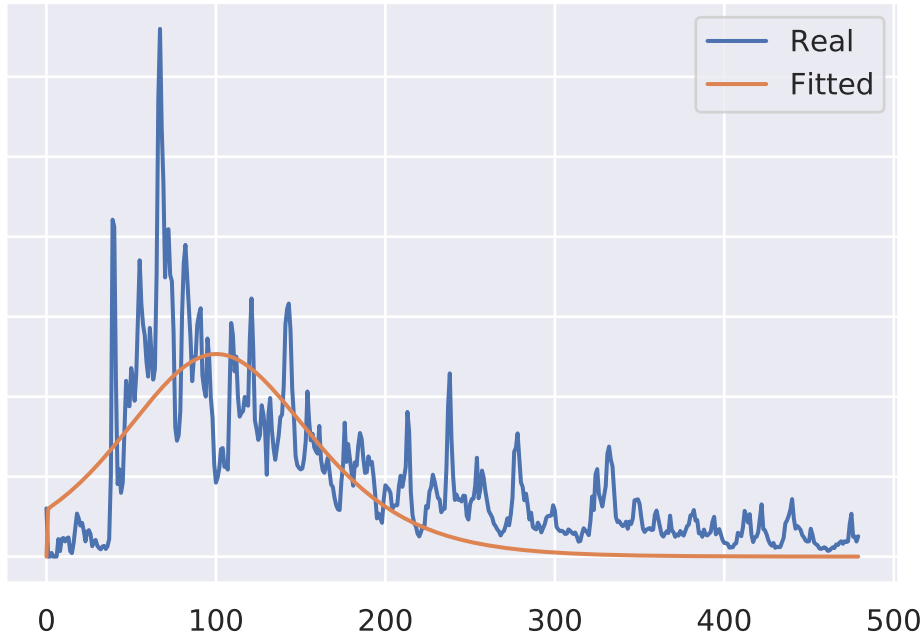
Infective Population Fit for SEIR Model (Window: 474)
R0: 1.07, RMSE: 0.07, SSE:2.36, MAE: 0.05



Infective Population Fit for SEIR Model (Window: 480)

R_0 : 1.07, RMSE: 0.07, SSE:2.37, MAE: 0.05

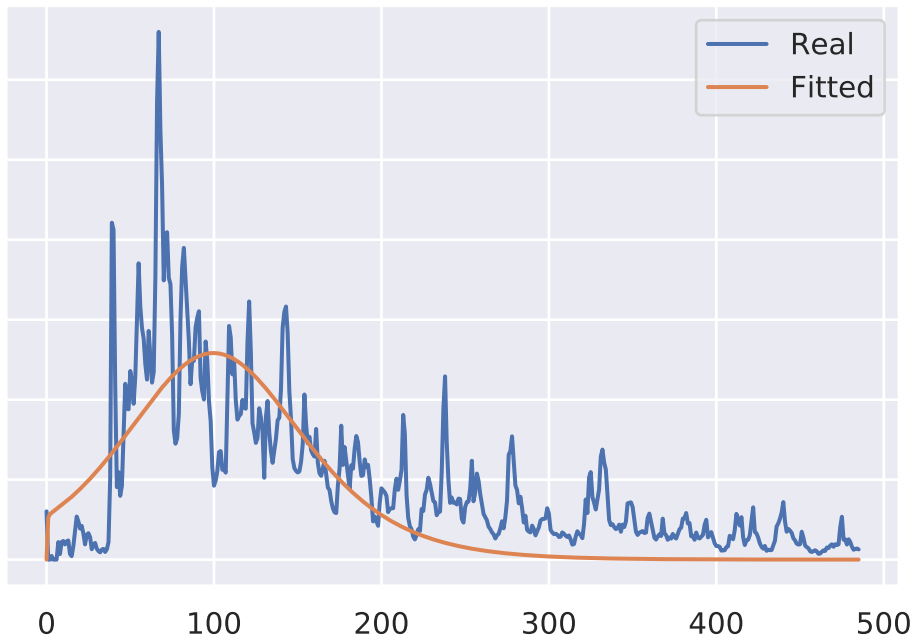
Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 486)

R_0 : 1.07, RMSE: 0.07, SSE:2.4, MAE: 0.05

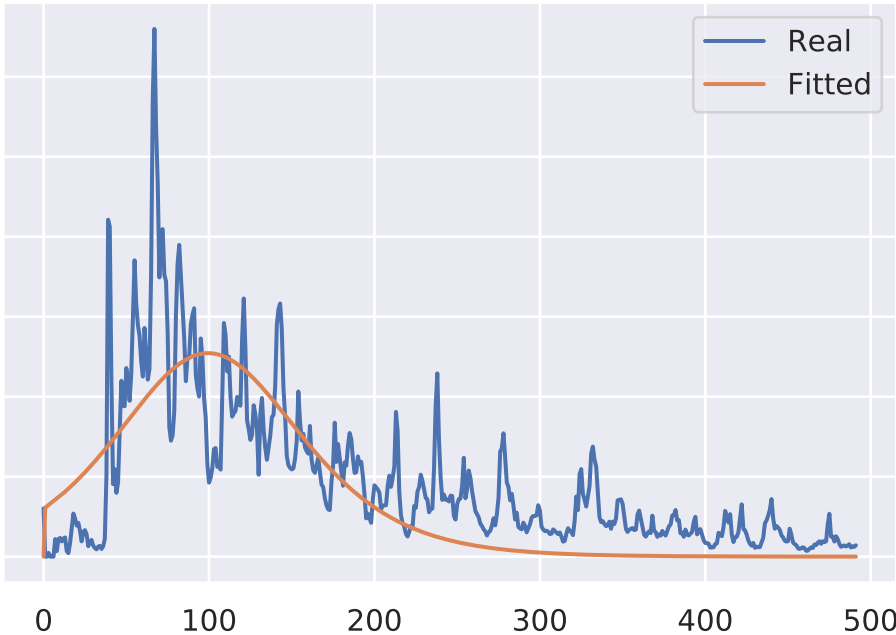
Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 492)

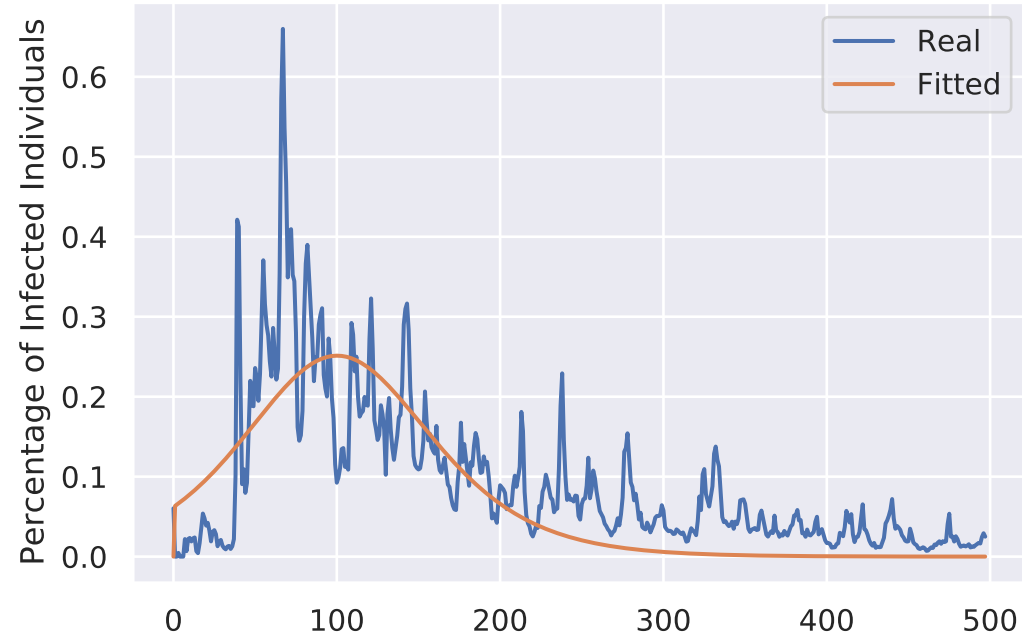
R_0 : 1.07, RMSE: 0.07, SSE:2.36, MAE: 0.05

Percentage of Infected Individuals

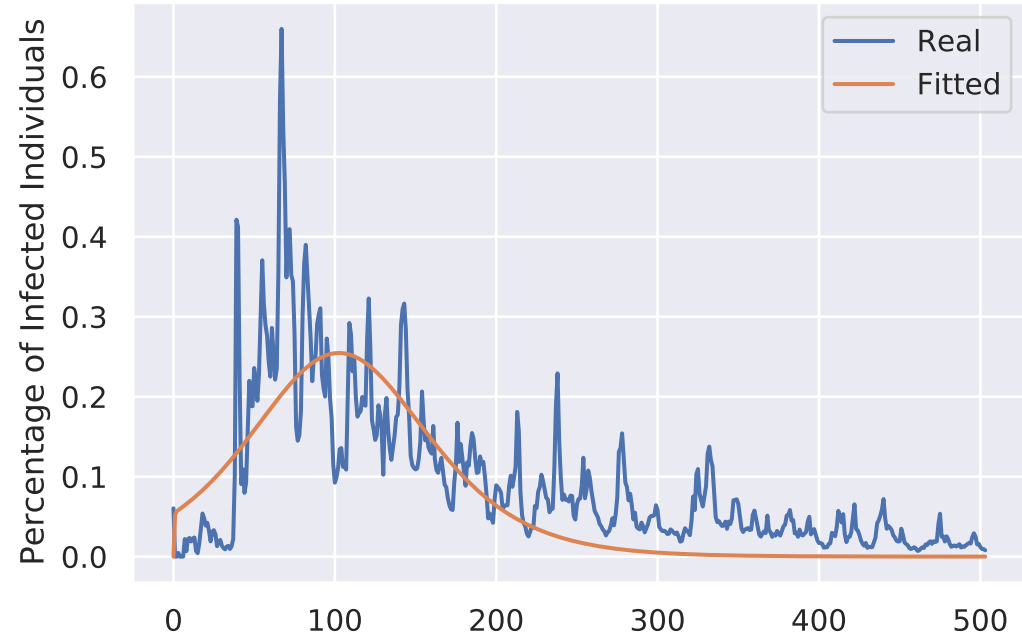


Infective Population Fit for SEIR Model (Window: 498)

R_0 : 1.07, RMSE: 0.07, SSE:2.36, MAE: 0.05



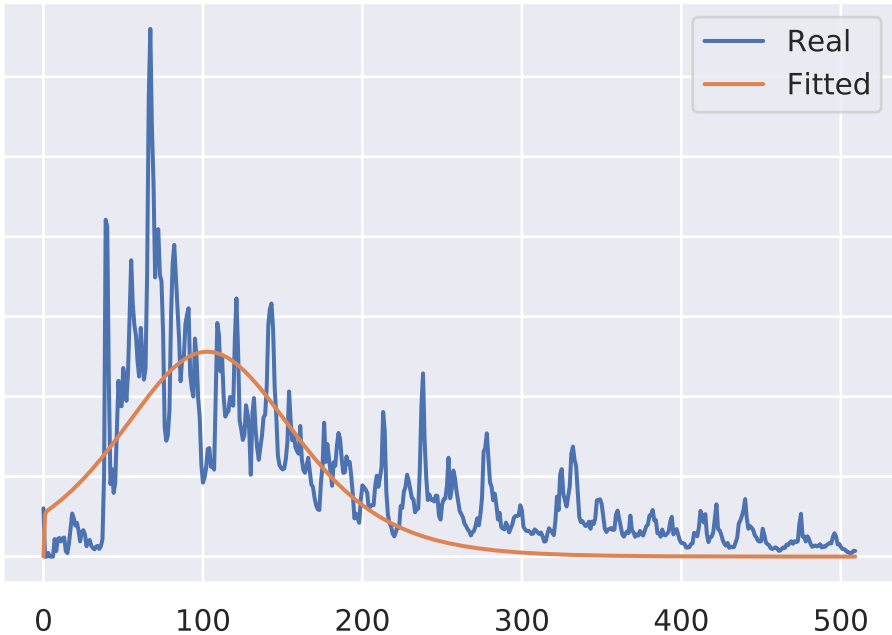
Infective Population Fit for SEIR Model (Window: 504)
R0: 1.07, RMSE: 0.07, SSE:2.41, MAE: 0.05



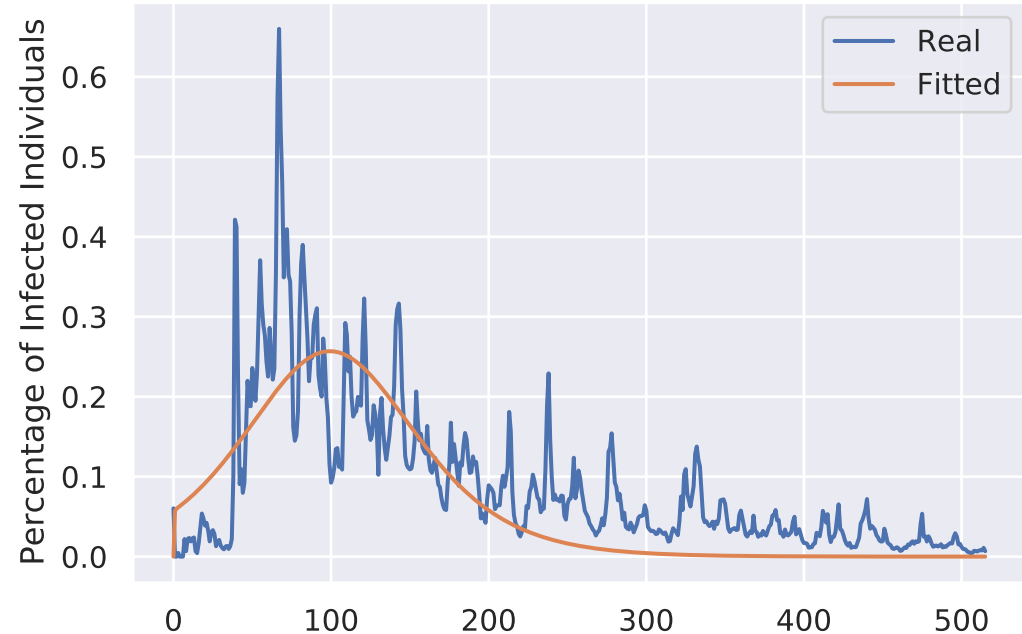
Infective Population Fit for SEIR Model (Window: 510)

R_0 : 1.07, RMSE: 0.07, SSE:2.41, MAE: 0.05

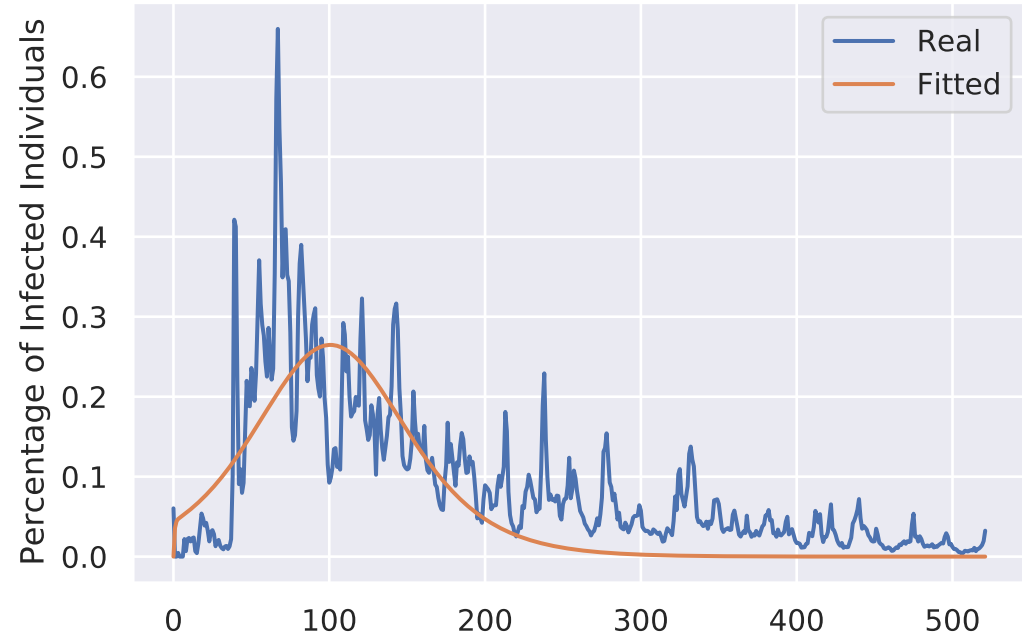
Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 516)
R0: 1.07, RMSE: 0.07, SSE:2.38, MAE: 0.05



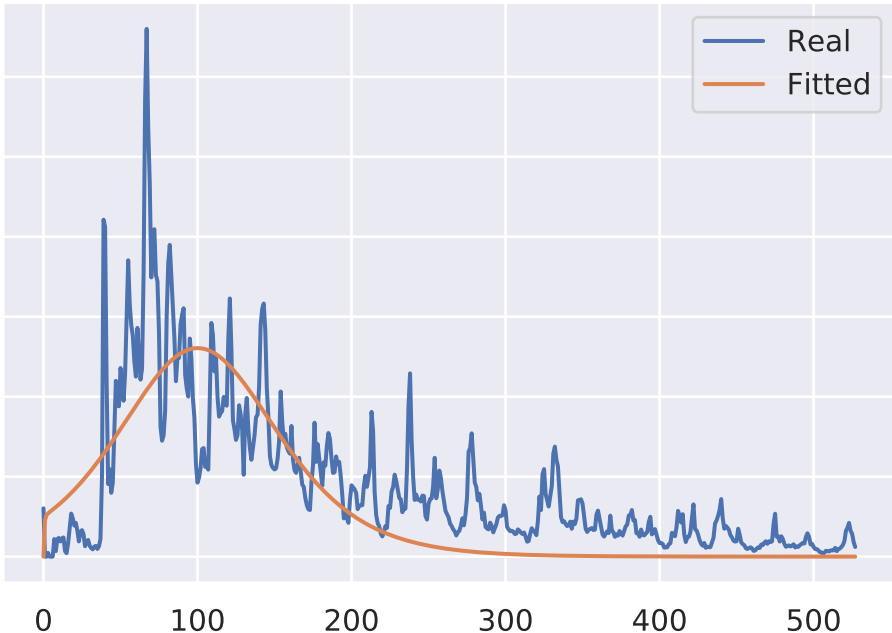
Infective Population Fit for SEIR Model (Window: 522)
R0: 1.09, RMSE: 0.07, SSE:2.49, MAE: 0.05



Infective Population Fit for SEIR Model (Window: 528)

R_0 : 1.08, RMSE: 0.07, SSE:2.44, MAE: 0.05

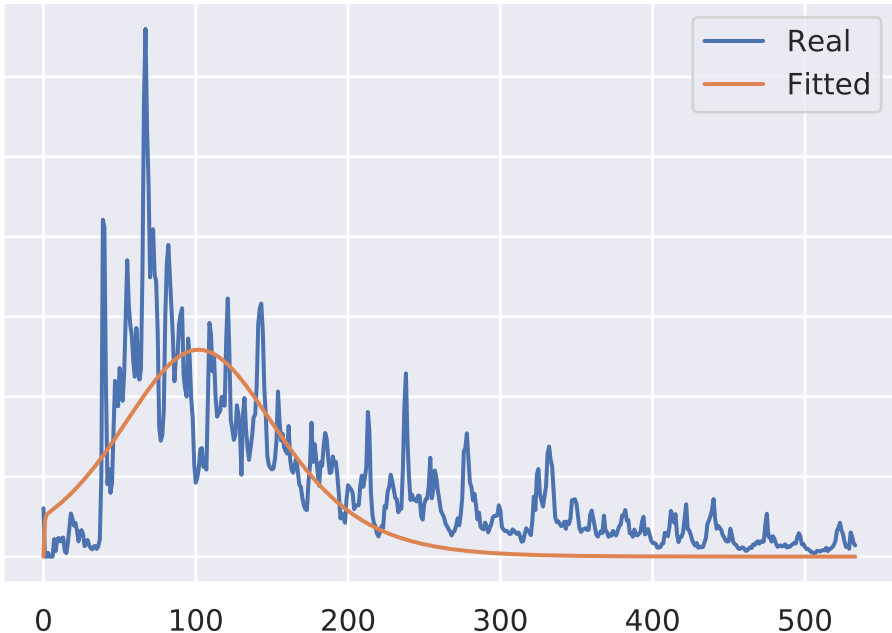
Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 534)

R_0 : 1.08, RMSE: 0.07, SSE:2.44, MAE: 0.05

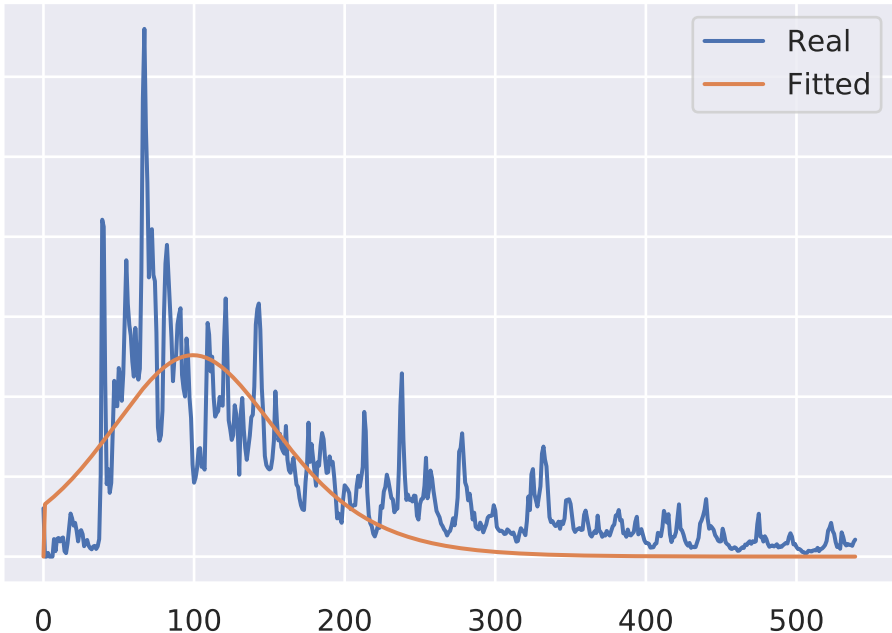
Percentage of Infected Individuals



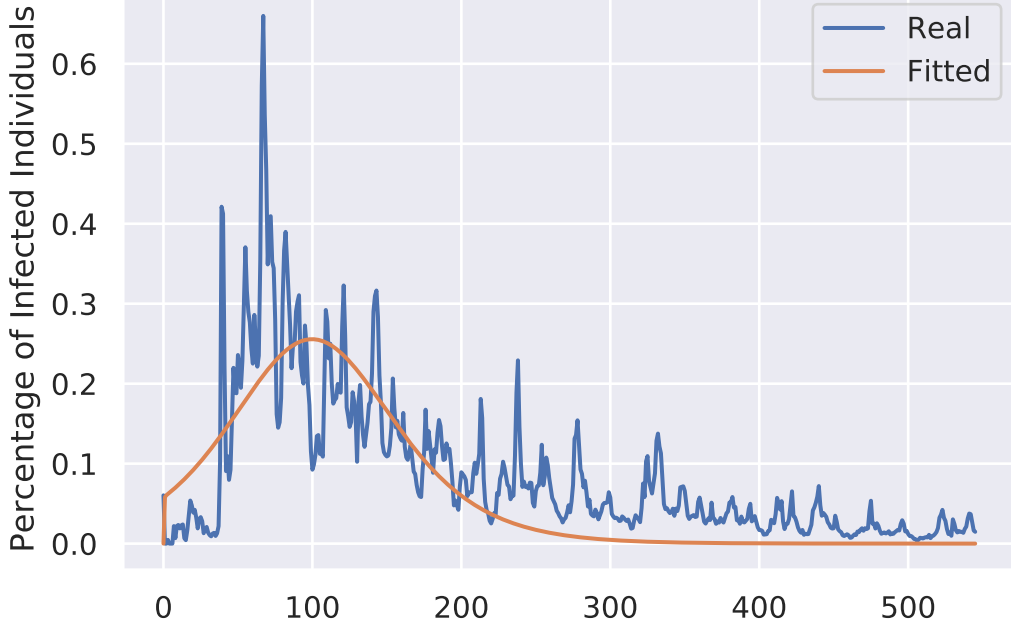
Infective Population Fit for SEIR Model (Window: 540)

R_0 : 1.07, RMSE: 0.07, SSE:2.36, MAE: 0.05

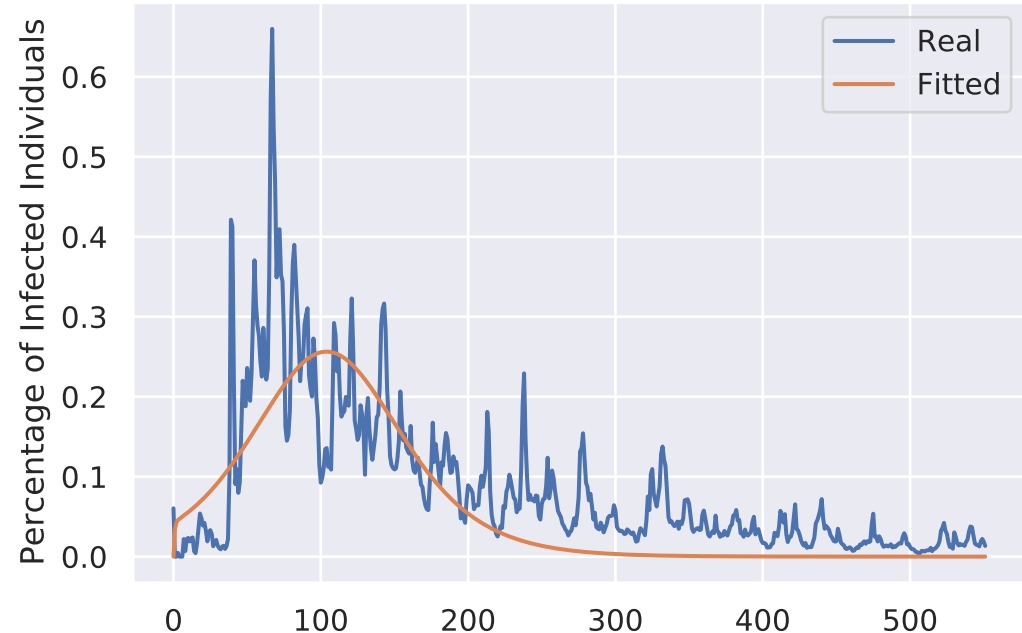
Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 546)
R0: 1.07, RMSE: 0.07, SSE:2.4, MAE: 0.05



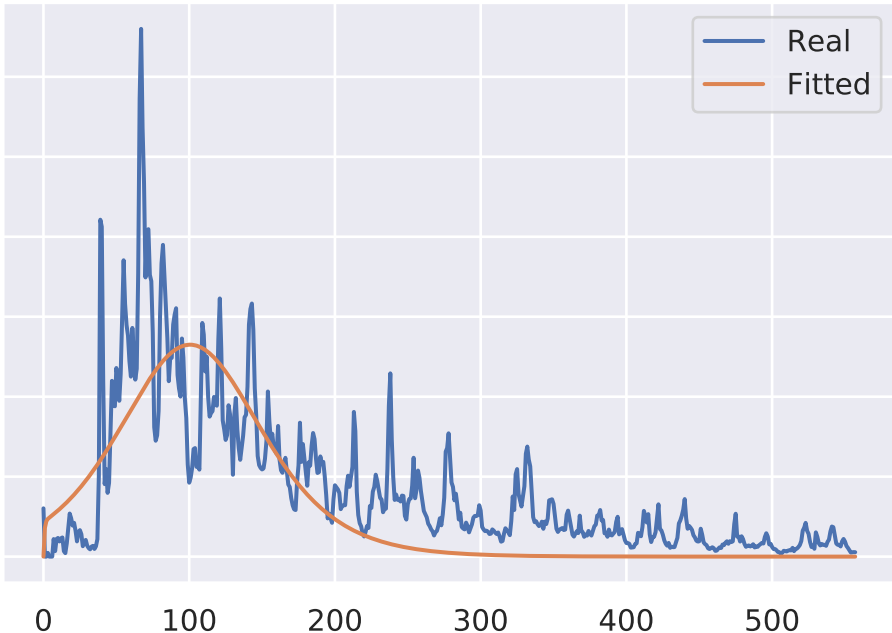
Infective Population Fit for SEIR Model (Window: 552)
R0: 1.09, RMSE: 0.07, SSE:2.53, MAE: 0.05



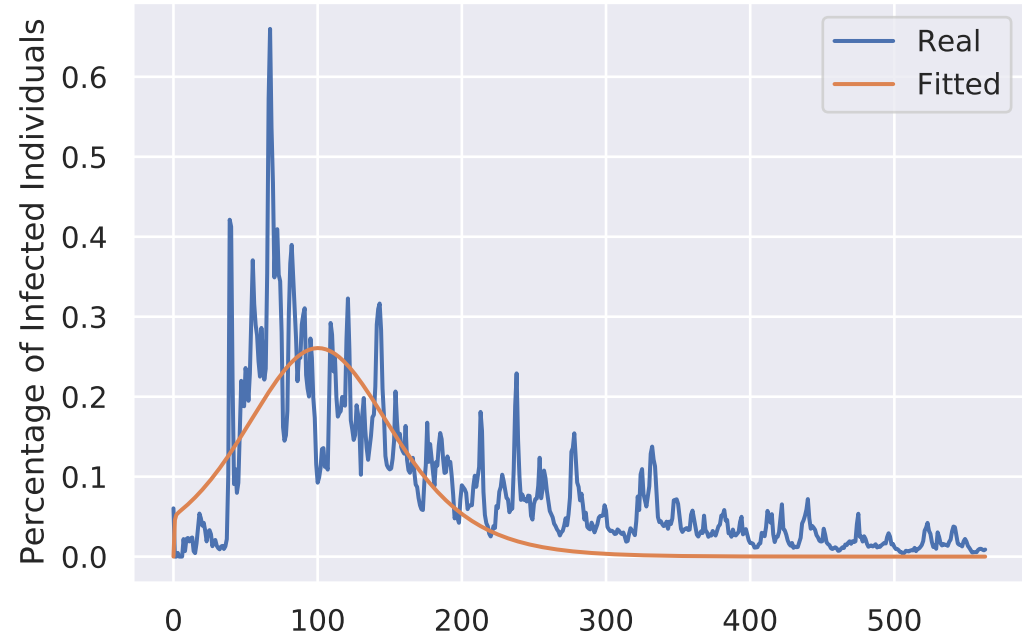
Infective Population Fit for SEIR Model (Window: 558)

R_0 : 1.09, RMSE: 0.07, SSE:2.51, MAE: 0.05

Percentage of Infected Individuals

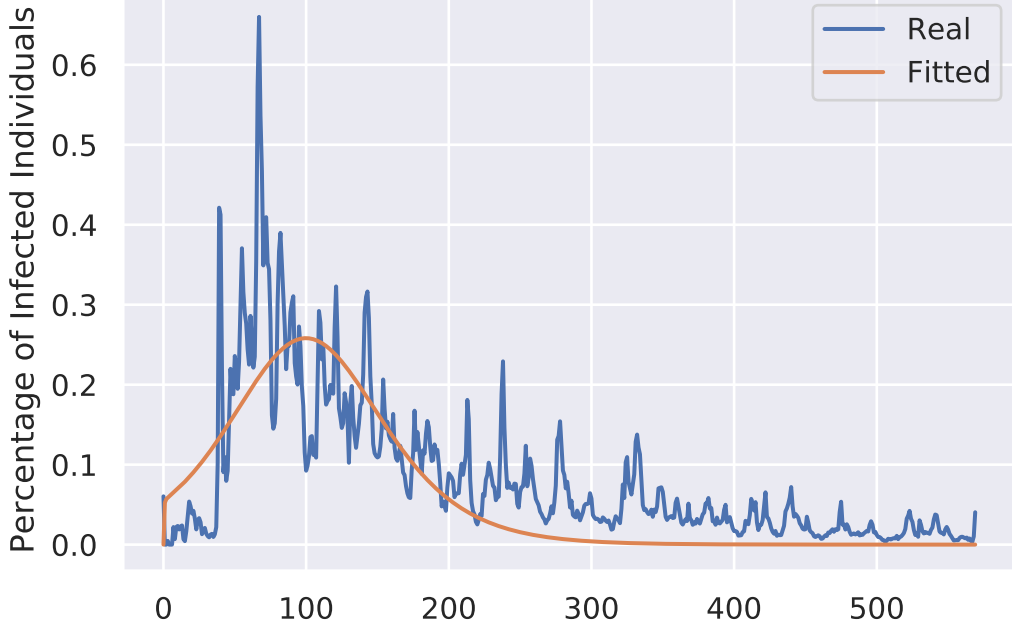


Infective Population Fit for SEIR Model (Window: 564)
R0: 1.08, RMSE: 0.07, SSE:2.45, MAE: 0.05



Infective Population Fit for SEIR Model (Window: 570)

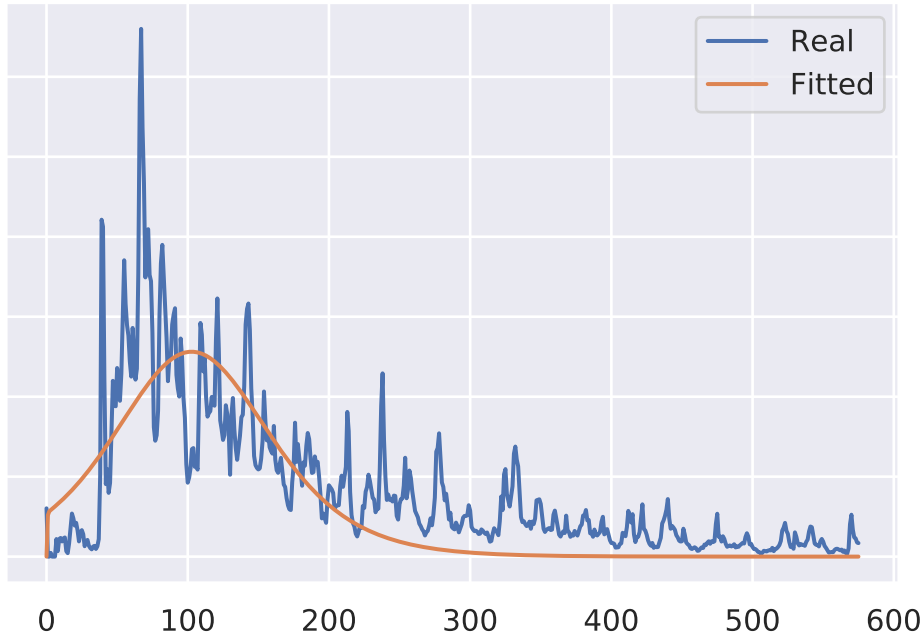
R_0 : 1.07, RMSE: 0.07, SSE:2.42, MAE: 0.05



Infective Population Fit for SEIR Model (Window: 576)

R_0 : 1.07, RMSE: 0.07, SSE:2.43, MAE: 0.05

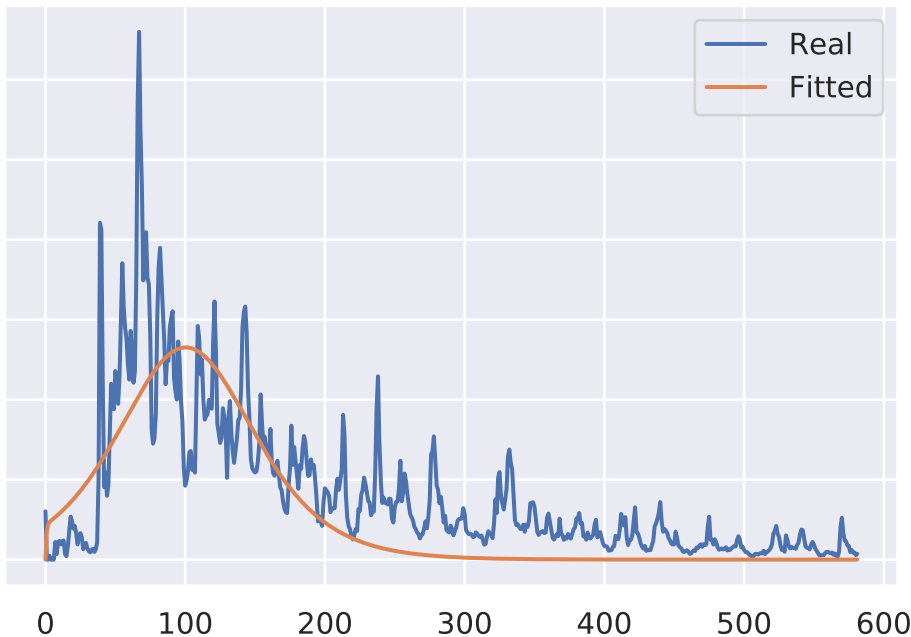
Percentage of Infected Individuals



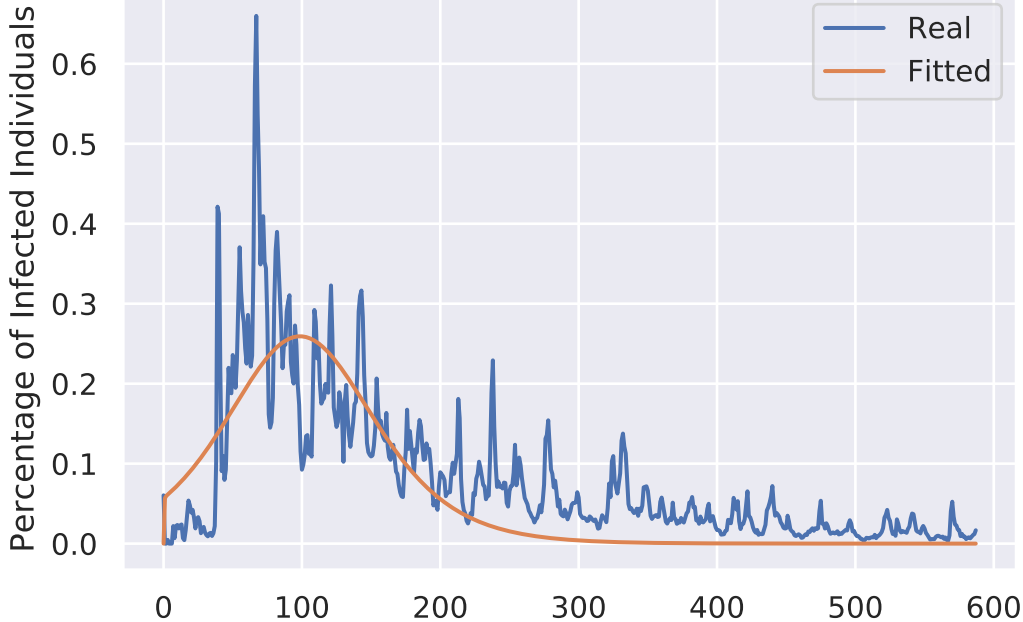
Infective Population Fit for SEIR Model (Window: 582)

R_0 : 1.09, RMSE: 0.07, SSE:2.52, MAE: 0.05

Percentage of Infected Individuals



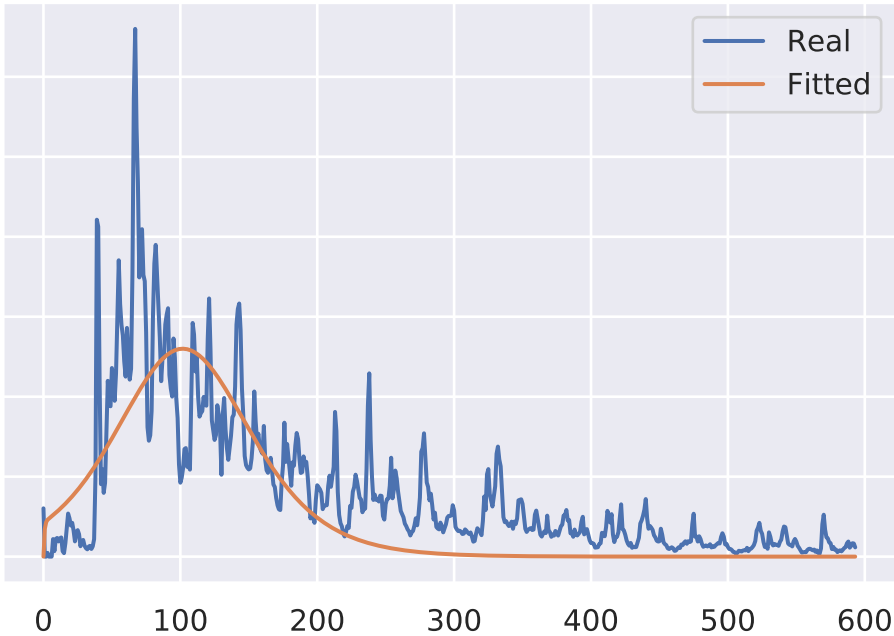
Infective Population Fit for SEIR Model (Window: 588)
R0: 1.07, RMSE: 0.06, SSE:2.41, MAE: 0.05



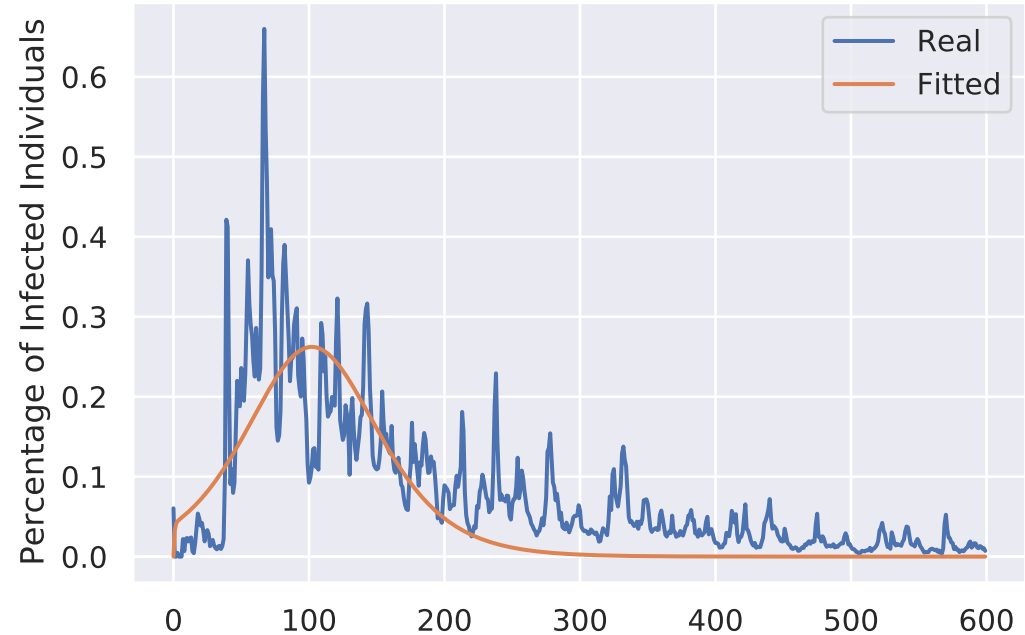
Infective Population Fit for SEIR Model (Window: 594)

R_0 : 1.09, RMSE: 0.07, SSE:2.53, MAE: 0.05

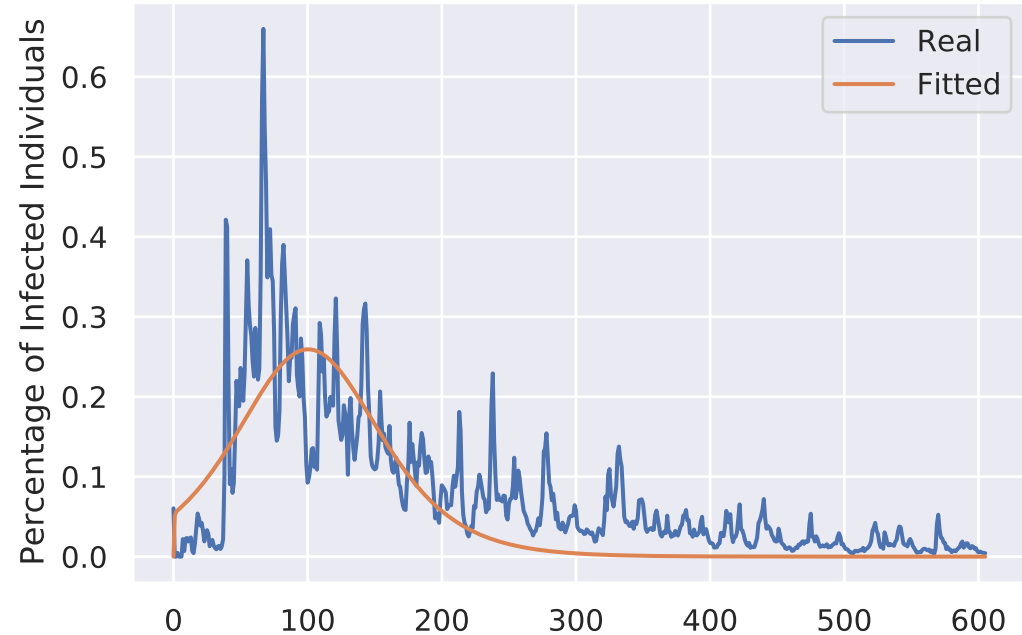
Percentage of Infected Individuals



Infective Population Fit for SEIR Model (Window: 600)
R0: 1.09, RMSE: 0.07, SSE:2.55, MAE: 0.05



Infective Population Fit for SEIR Model (Window: 606)
R0: 1.08, RMSE: 0.06, SSE:2.44, MAE: 0.04



Infective Population Fit for SEIR Model (Window: 612)
R0: 1.09, RMSE: 0.06, SSE:2.52, MAE: 0.04



Infective Population Fit for SEIR Model (Window: 618)
R0: 1.09, RMSE: 0.06, SSE:2.56, MAE: 0.04

