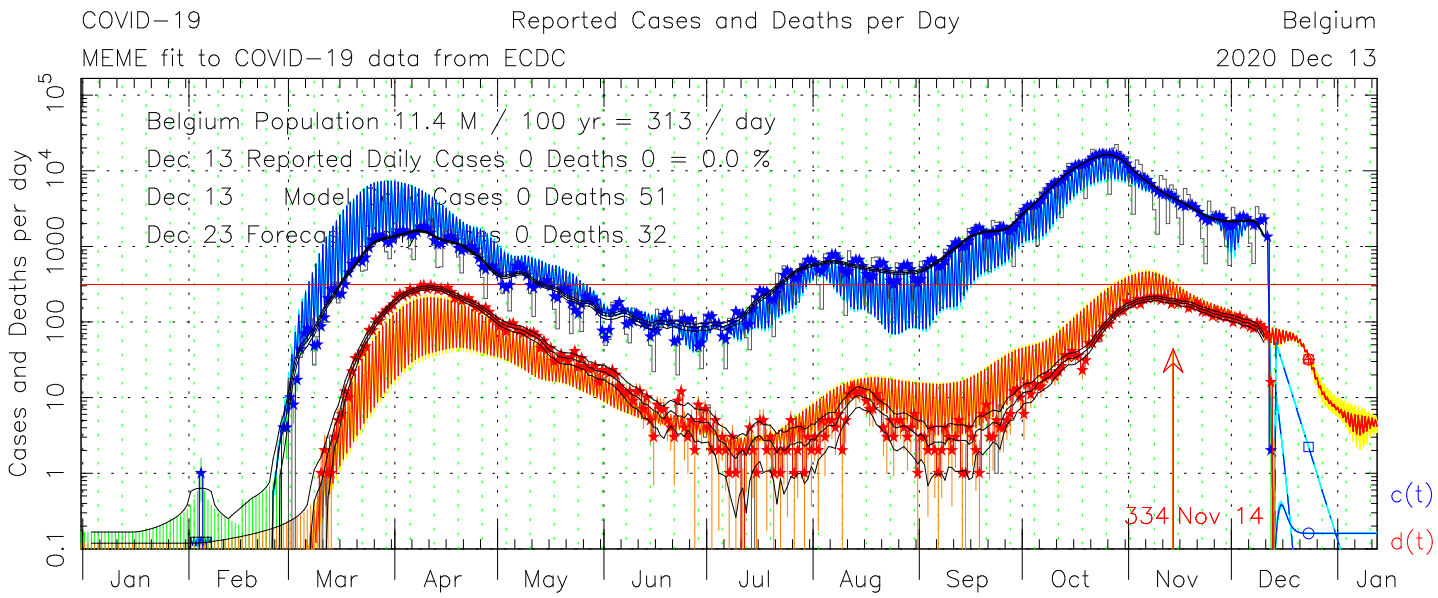
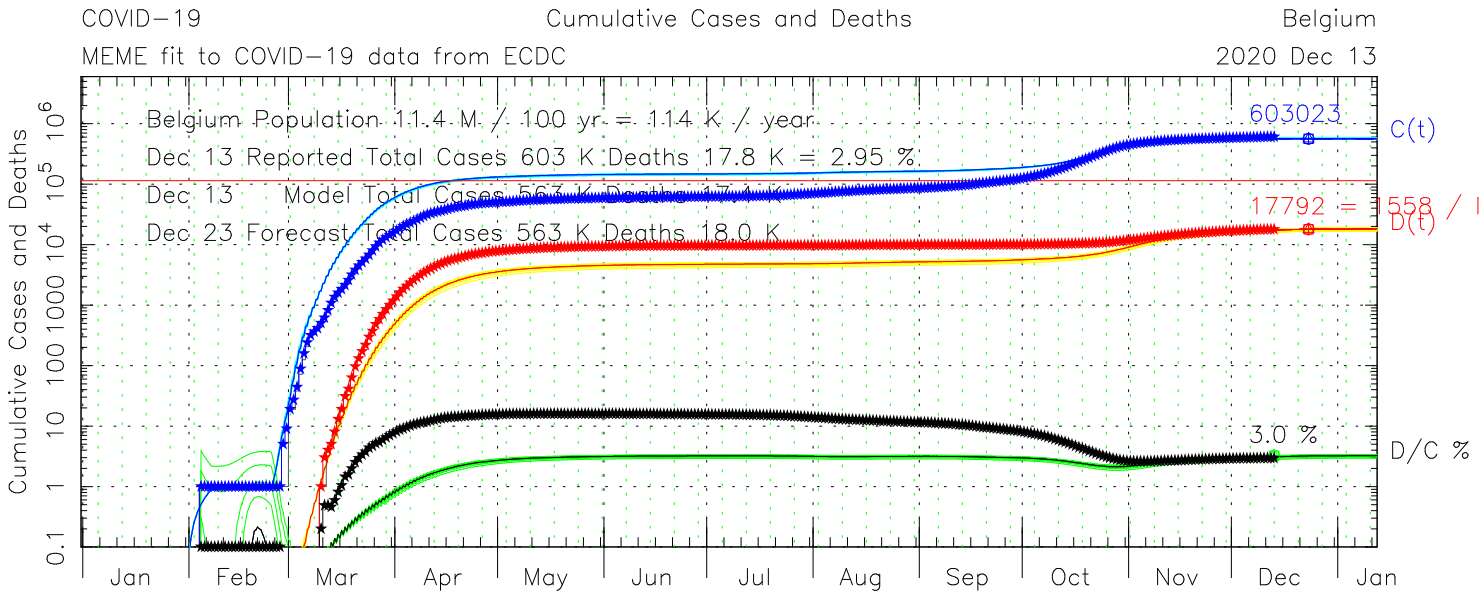
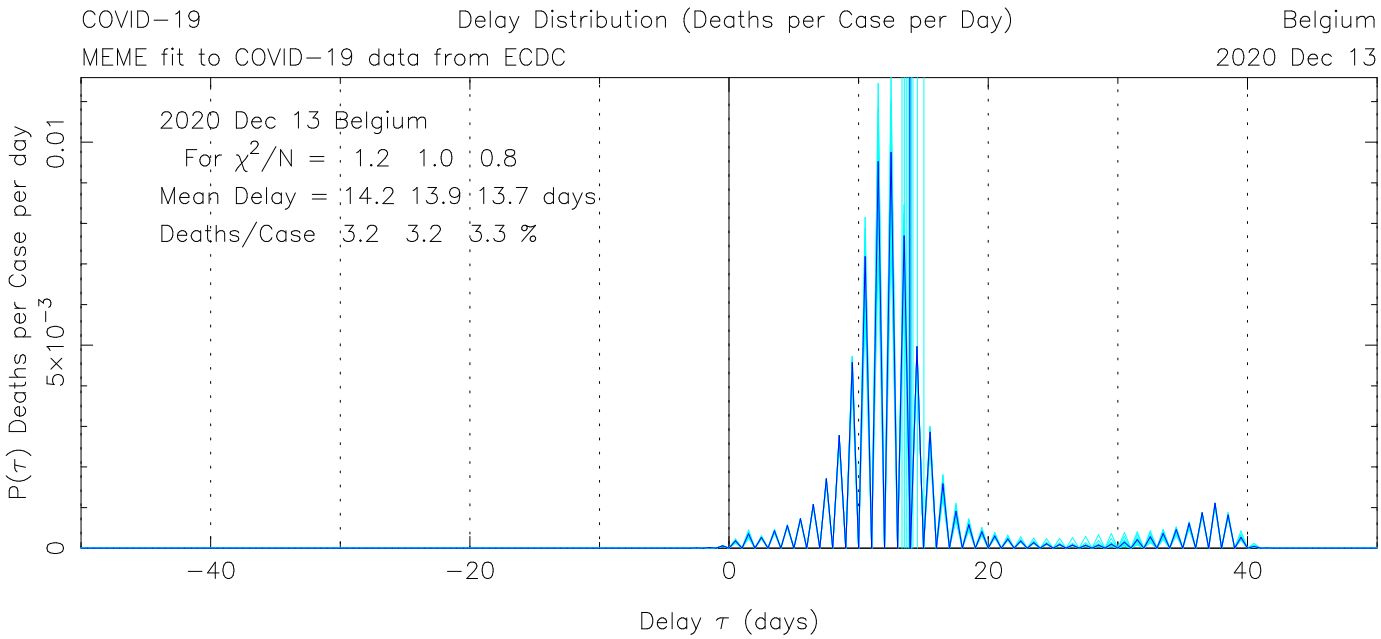

COVID−19
Reported Cases and Deaths per Day
Belgium
MEME fit to COVID−19 data from ECDC
2020 Dec 13
Belgium Population 11.4 M / 100 yr = 313 / day
Dec 13 Reported Daily Cases 0 Deaths 0 = 0.0 %
Dec 13 Model Cases 0 Deaths 51
Dec 23 Forecast Cases 0 Deaths 32
334 Nov 14
c(t)
d(t)
Cases and Deaths per day
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Jan


COVID−19
Cumulative Cases and Deaths
Belgium
MEME fit to COVID−19 data from ECDC
2020 Dec 13
Belgium Population 11.4 M / 100 yr = 114 K / year
Dec 13 Reported Total Cases 603 K Deaths 17.8 K = 2.95 %
Dec 13 Model Total Cases 563 K Deaths 17.4 K
Dec 23 Forecast Total Cases 563 K Deaths 18.0 K
603023
C(t)
17792 = 1558 / 1
D(t)
3.0 %
D/C %
Cumulative Cases and Deaths
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Jan


COVID−19
Delay Distribution (Deaths per Case per Day)
Belgium
MEME fit to COVID−19 data from ECDC
2020 Dec 13
2020 Dec 13 Belgium
For χ²/N = 1.2 1.0 0.8
Mean Delay = 14.2 13.9 13.7 days
Deaths/Case 3.2 3.2 3.3 %
P(τ) Deaths per Case per day
Delay τ (days)