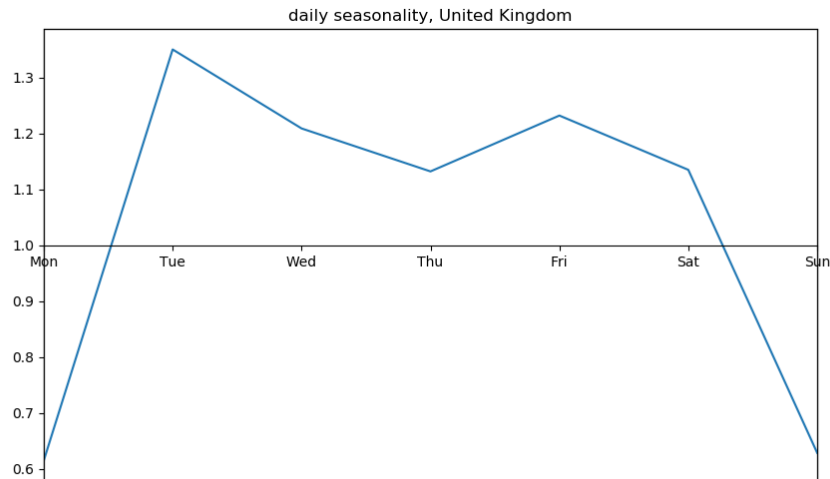


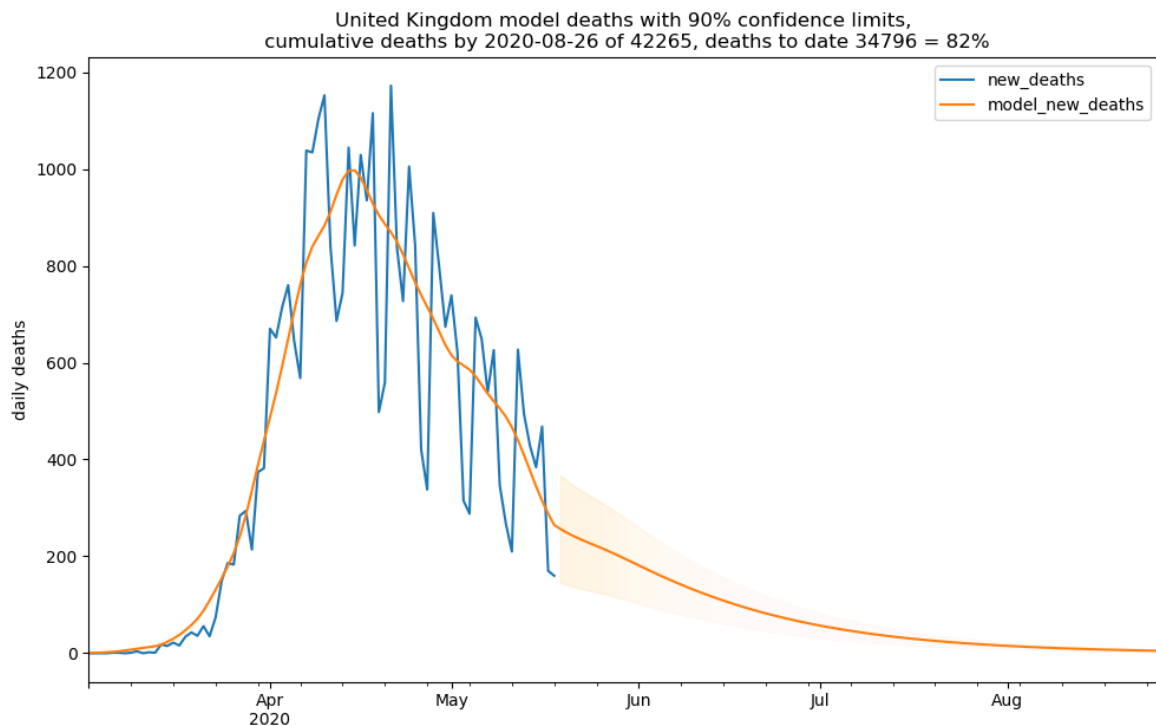
19 May 2020

## Weekday seasonality in COVID-19 deaths projection

Most countries show pronounced differences in deaths reported for different days of the week due to reporting lags. This is particularly clear, and statistically significant, for the UK:



This seasonality doesn't improve the accuracy of model for the quantum of deaths expected, but it does explain much of the day to day variation in deaths. The following two charts are before and after the addition of seasonality to the projected deaths:



United Kingdom model deaths with 90% confidence limits and daily seasonality,  
cumulative deaths by 2020-08-26 of 42265, deaths to date 34796 = 82%

