```
git pull!
From https://github.com/CSSEGISandData/COVID-19
  63649e41..a4ccce6f master -> origin/master
  15d31687..d2c621a2 web-data -> origin/web-data
Updating 63649e41..a4ccce6f
Fast-forward
 .../csse_covid_19_daily_reports/03-29-2020.csv
                                                    3435 ++++++++++++++++
 .../time_series_covid19_confirmed_global.csv
                                                     508 +--
.../time series covid19 deaths global.csv
                                                     508 +--
 .../time series covid19 recovered global.csv
                                                     480 +--
4 files changed, 4183 insertions(+), 748 deletions(-)
create mode 100644 csse covid 19 data/csse covid 19 daily reports/03-29-2020.csv
RAW=struct();
RAW.Confirmed = import_git('time_series_covid19_confirmed_global.csv');
Warning: Column headers from the file were modified to make them valid MATLAB identifiers before creating
variable names for the table. The original column headers are saved in the VariableDescriptions property.
Set 'PreserveVariableNames' to true to use the original column headers as table variable names.
RAW.Deaths = import git('time series covid19 deaths global.csv');
Warning: Column headers from the file were modified to make them valid MATLAB identifiers before creating
variable names for the table. The original column headers are saved in the VariableDescriptions property.
Set 'PreserveVariableNames' to true to use the original column headers as table variable names.
RAW.Recovered = import_git('time_series_covid19_recovered_global.csv');
Warning: Column headers from the file were modified to make them valid MATLAB identifiers before creating
variable names for the table. The original column headers are saved in the VariableDescriptions property.
Set 'PreserveVariableNames' to true to use the original column headers as table variable names.
Categories=fieldnames(RAW);
StartDate = datetime(2020,01,22)
StartDate = datetime
  22-Jan-2020
```

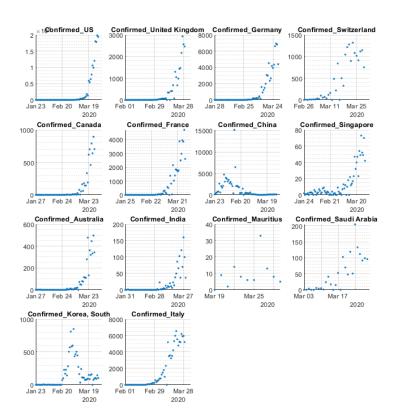
```
EndDate = StartDate+days(size(RAW.(Categories{1}),2)-5)
```

```
EndDate = datetime
  29-Mar-2020 00:00:00
```

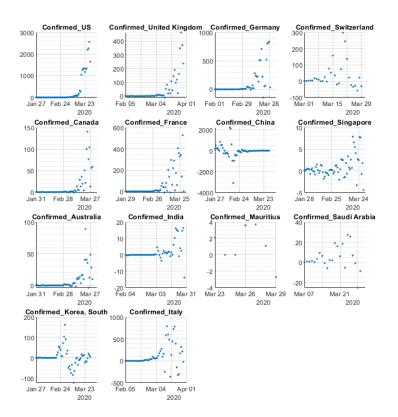
```
Selected_Countries=categorical({'US','United Kingdom','Germany','Switzerland','Canada','France
    'Singapore','Australia','India','Mauritius',...
    'Saudi Arabia', 'Korea, South', 'Italy'});
```

```
gradient_span=5; %days
```

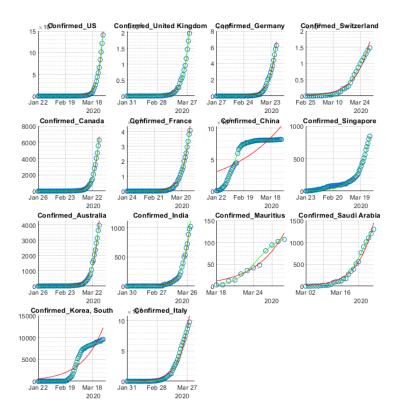
ans = 'DailyIncrease Confirmed'



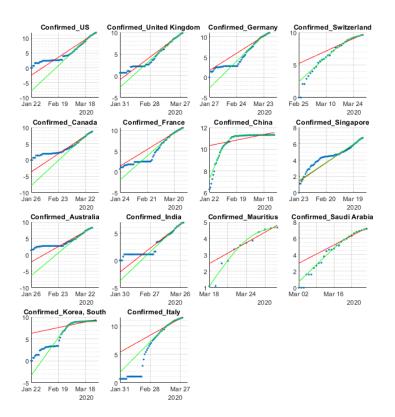
ans =
'Grad of DailyIncrease_Confirmed'



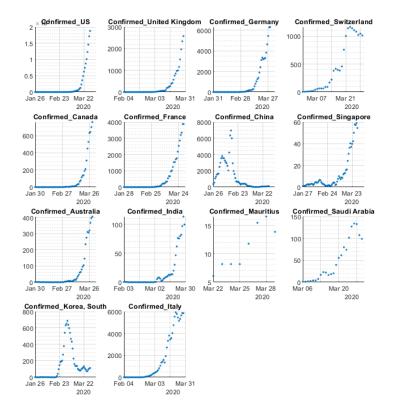
ans =
'Confirmed'



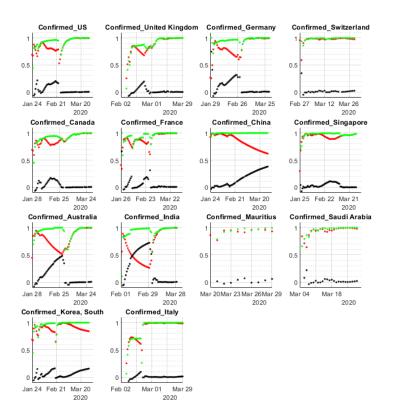
ans =
'Log_Confirmed'



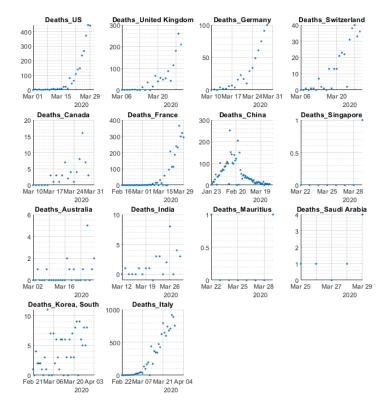
ans =
'Gradient_Confirmed'



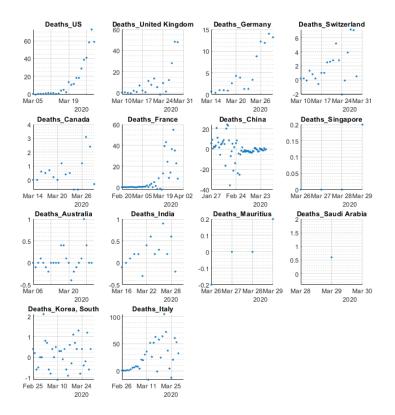
ans =
'Goodness of Fit_Confirmed'



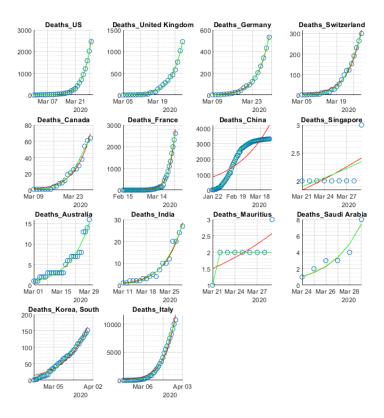
ans =
'DailyIncrease_Deaths'



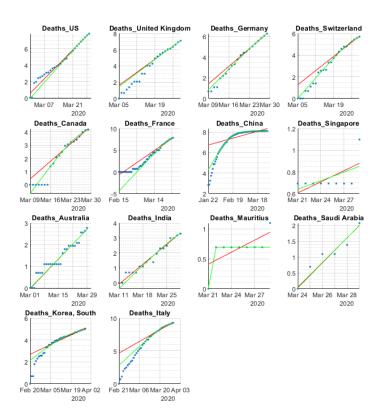
ans =
'Grad of DailyIncrease_Deaths'



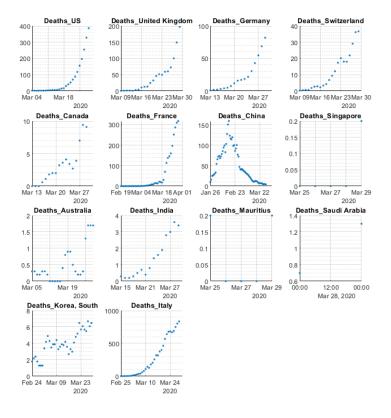
ans =
'Deaths'



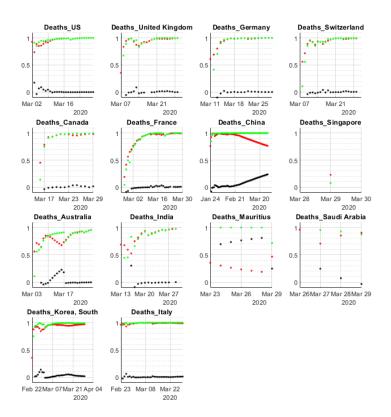
ans =
'Log_Deaths'



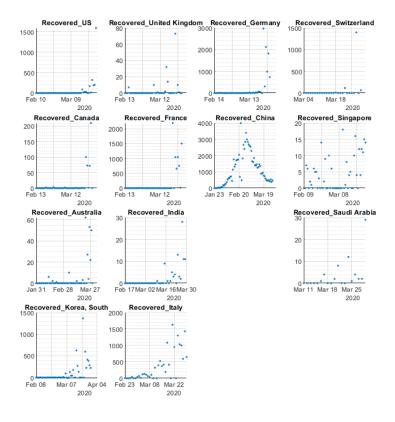
ans =
'Gradient_Deaths'



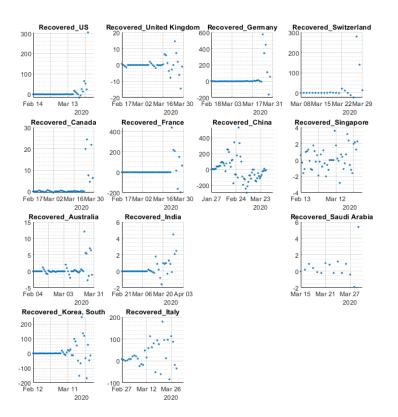
ans =
'Goodness of Fit_Deaths'



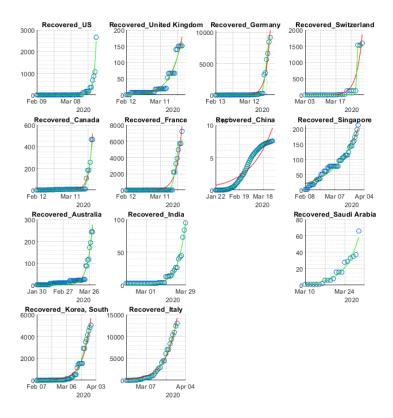
ans =
'DailyIncrease_Recovered'



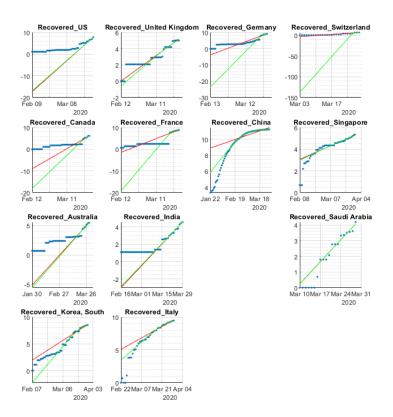
ans =
'Grad of DailyIncrease_Recovered'



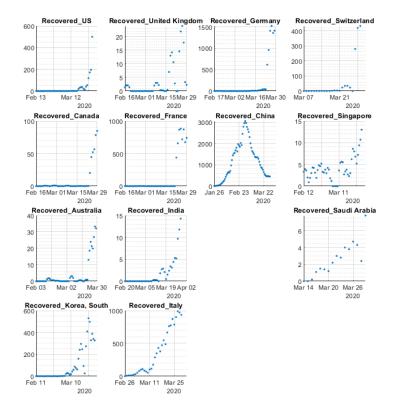
ans =
'Recovered'



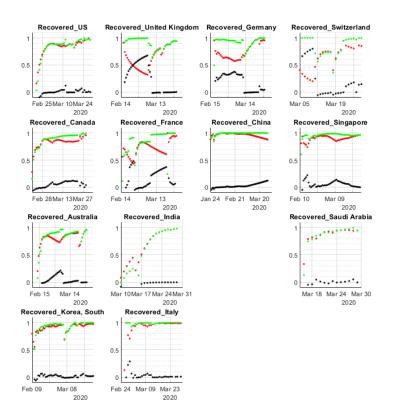
ans =
'Log_Recovered'



ans =
'Gradient_Recovered'



ans =
'Goodness of Fit_Recovered'



```
rep_BaseName=datetime;
rep_BaseName.Format='yyyyMMdd';
rep_BaseName=['report_',char(rep_BaseName),'.pdf'];
matlab.internal.liveeditor.openAndConvert(which('main.mlx'),rep_BaseName);
```