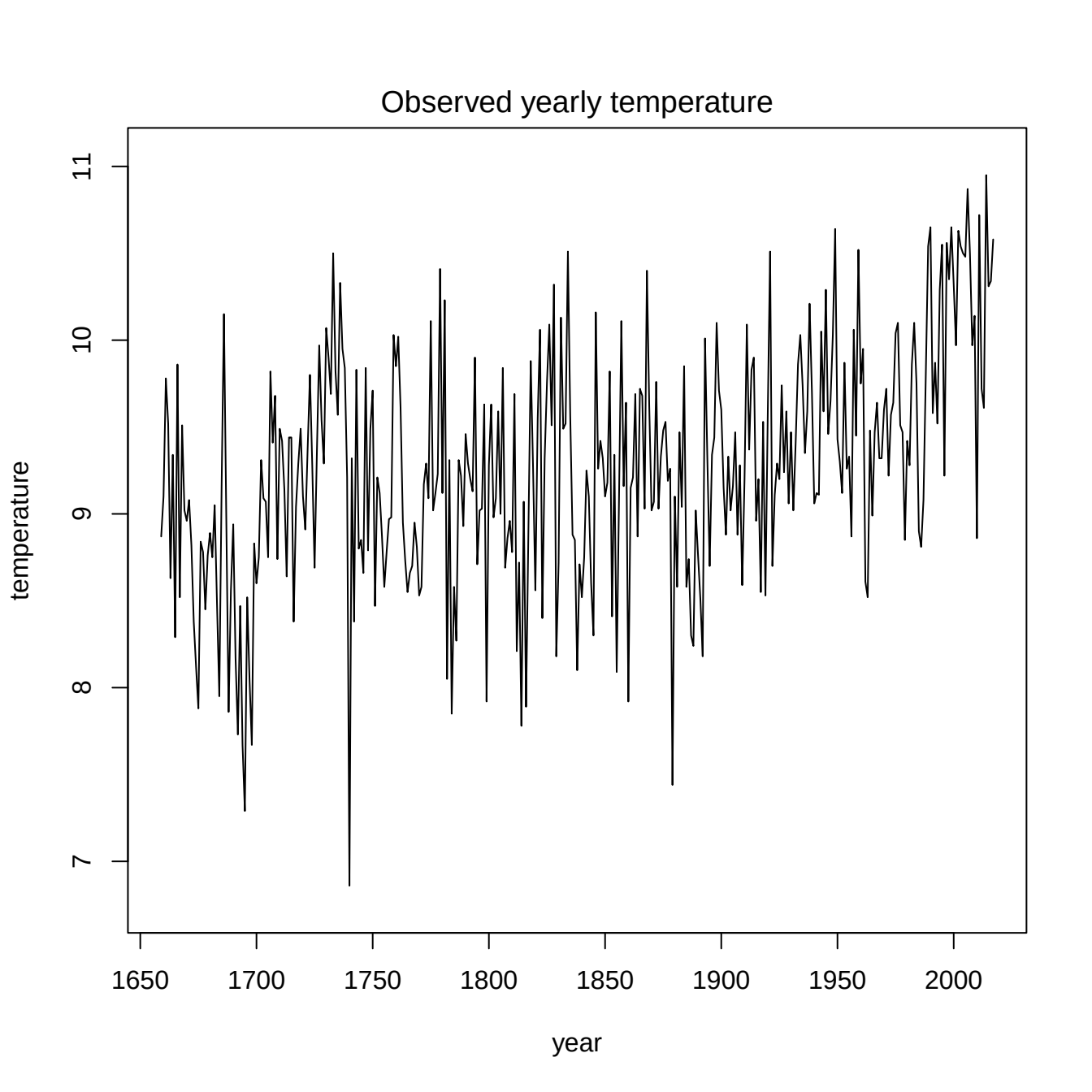
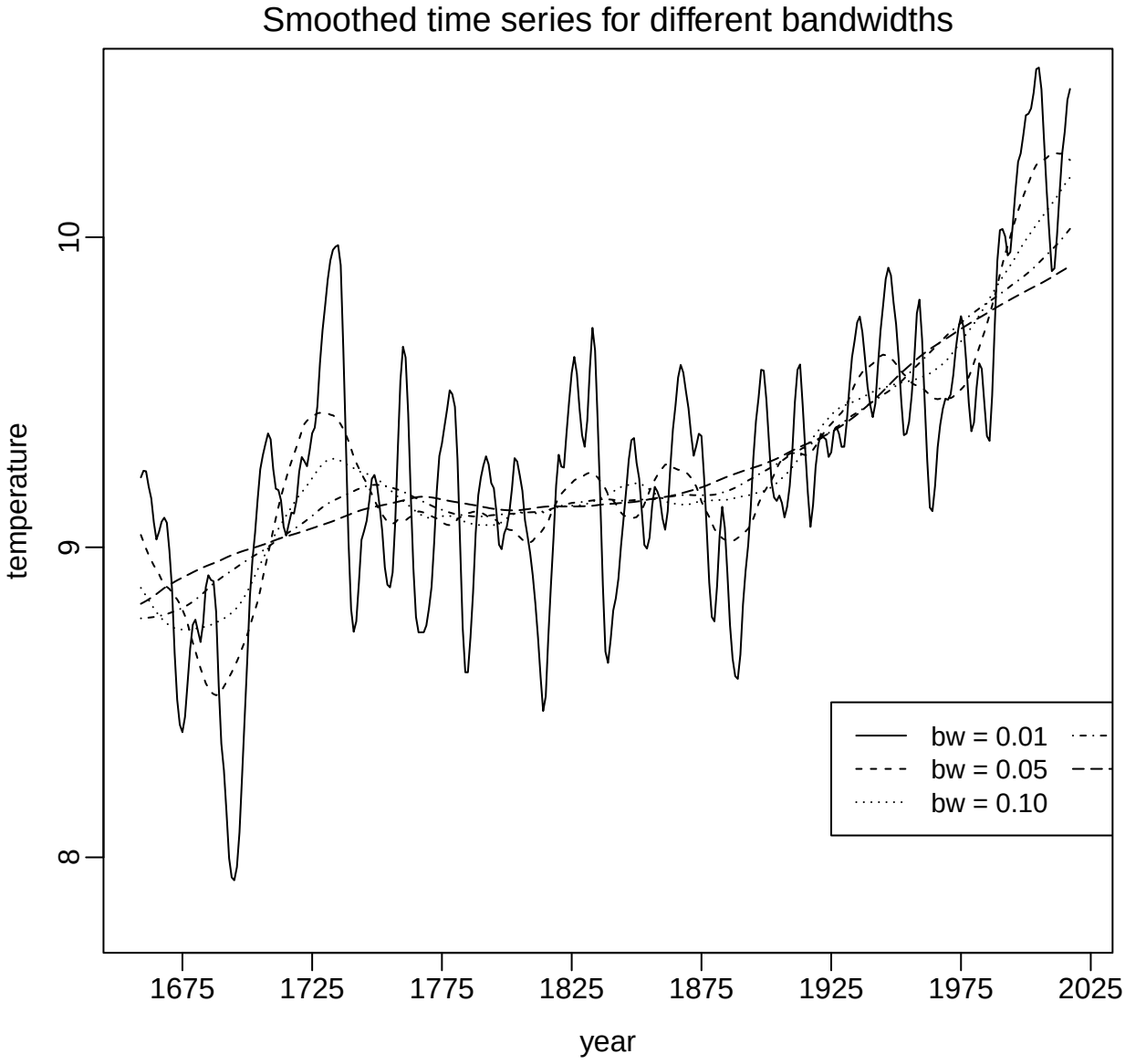
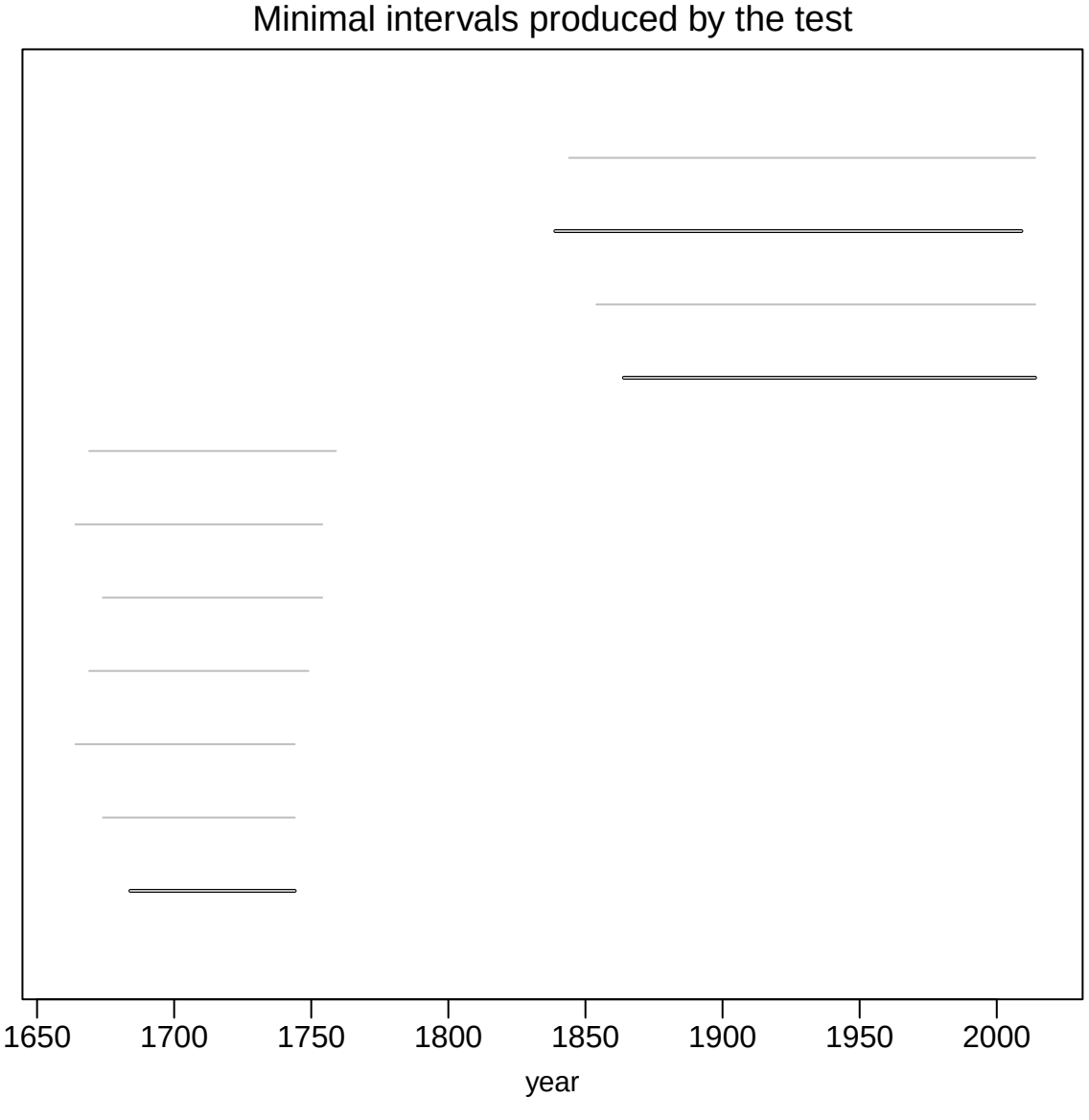
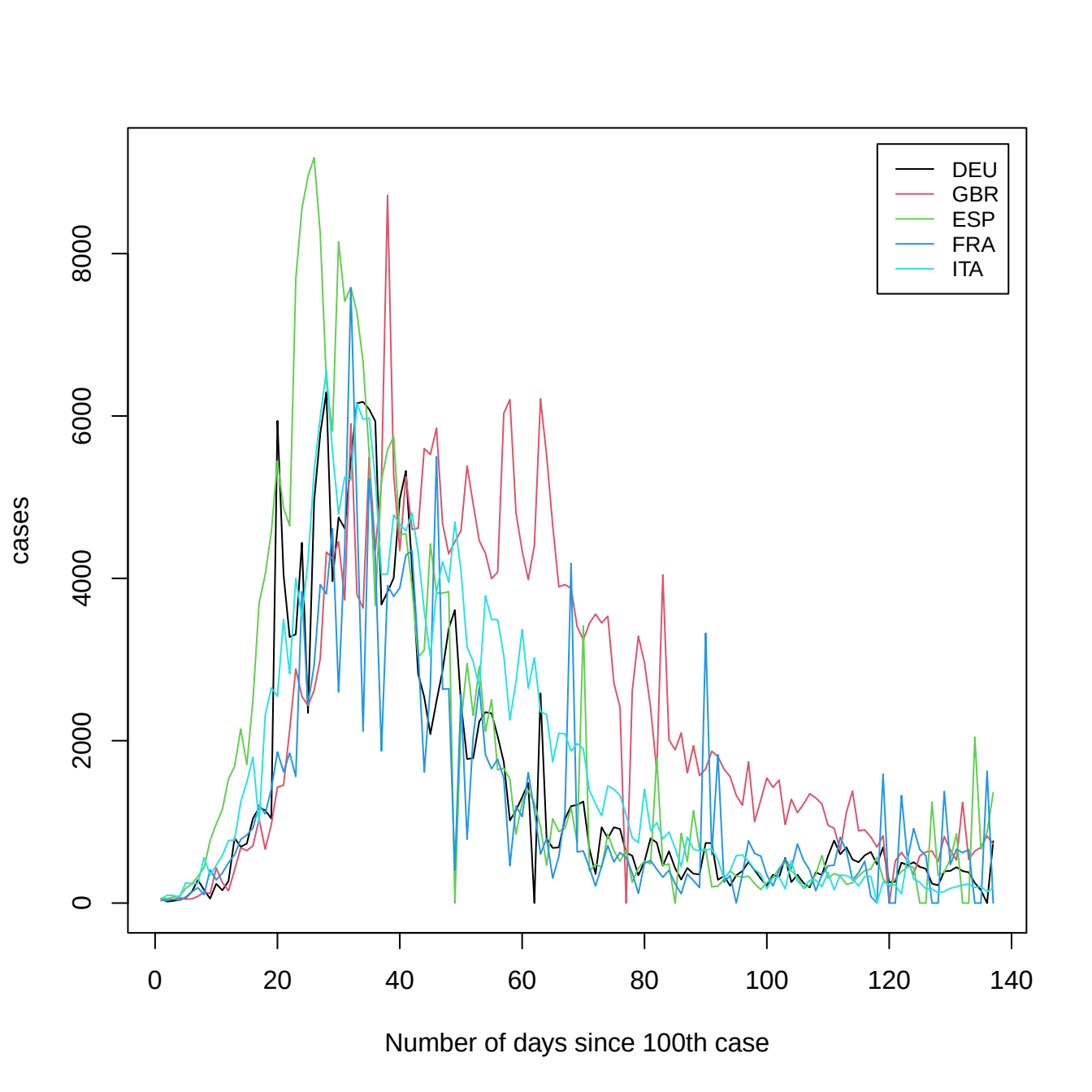
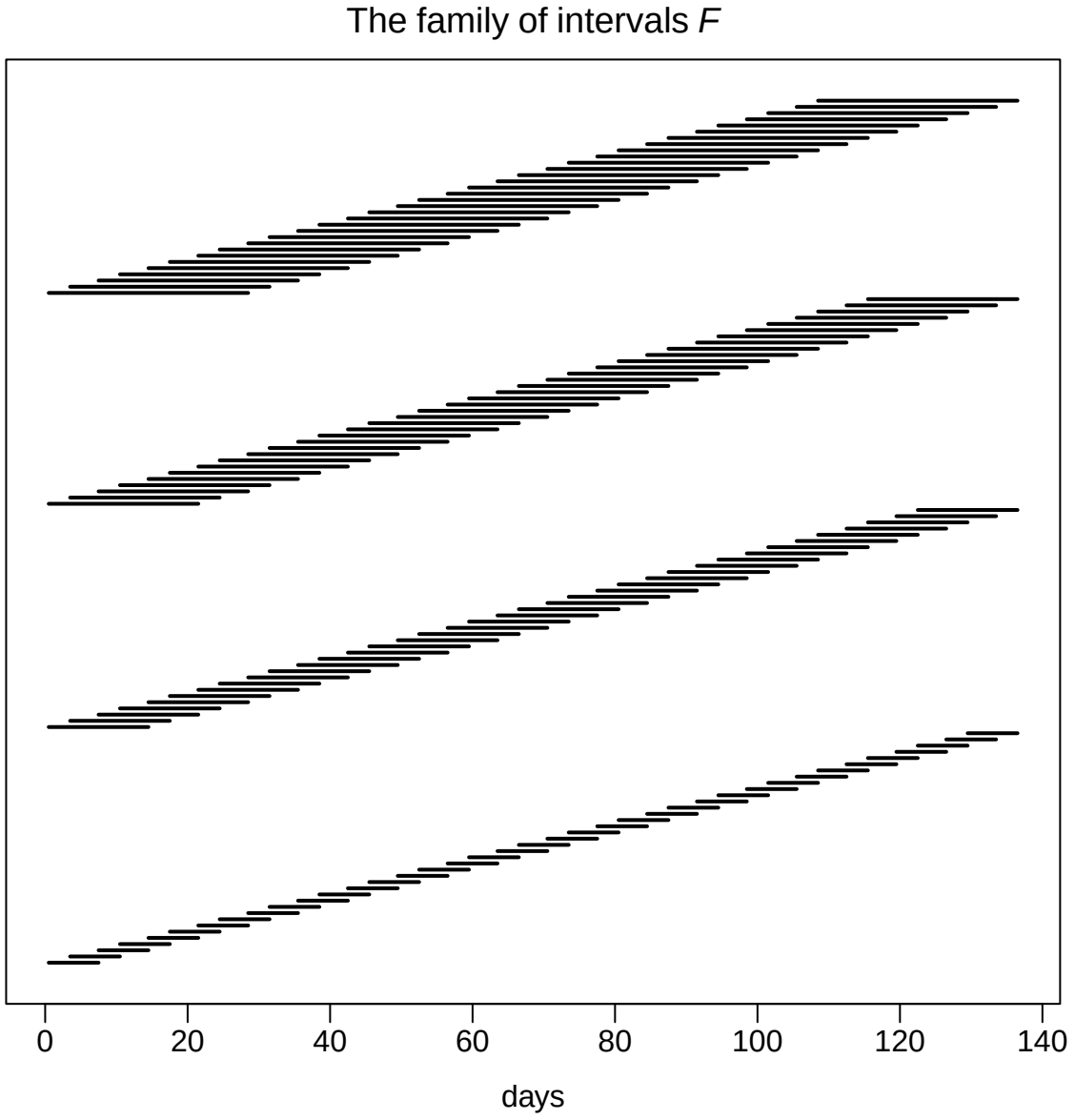
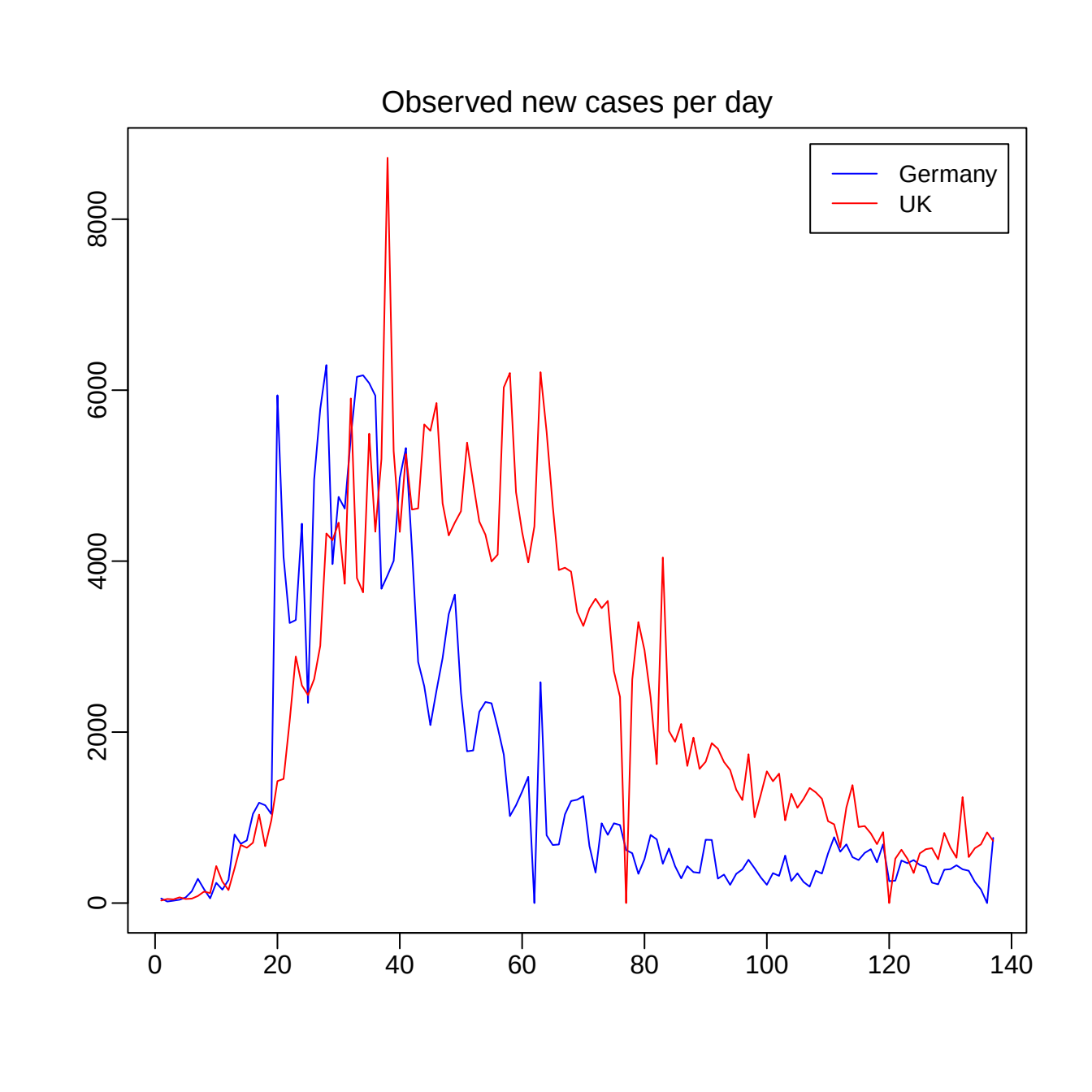

Observed yearly temperature
temperature
year
7
8
9
10
11
1650
1700
1750
1800
1850
1900
1950
2000

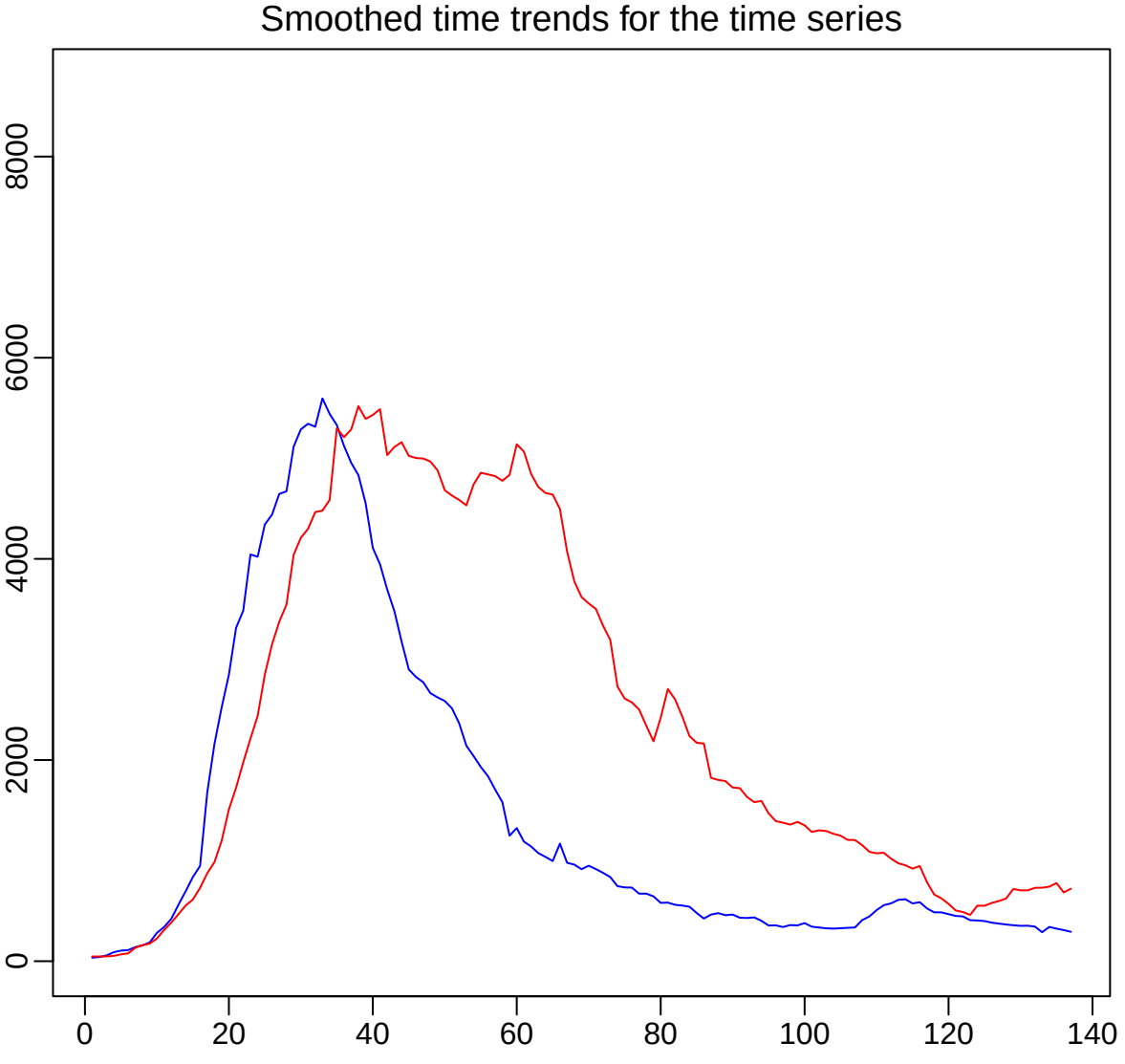

Smoothed time series for different bandwidths
temperature
8
9
10
1675
1725
1775
1825
1875
1925
1975
2025
year
bw = 0.01
bw = 0.05
bw = 0.10

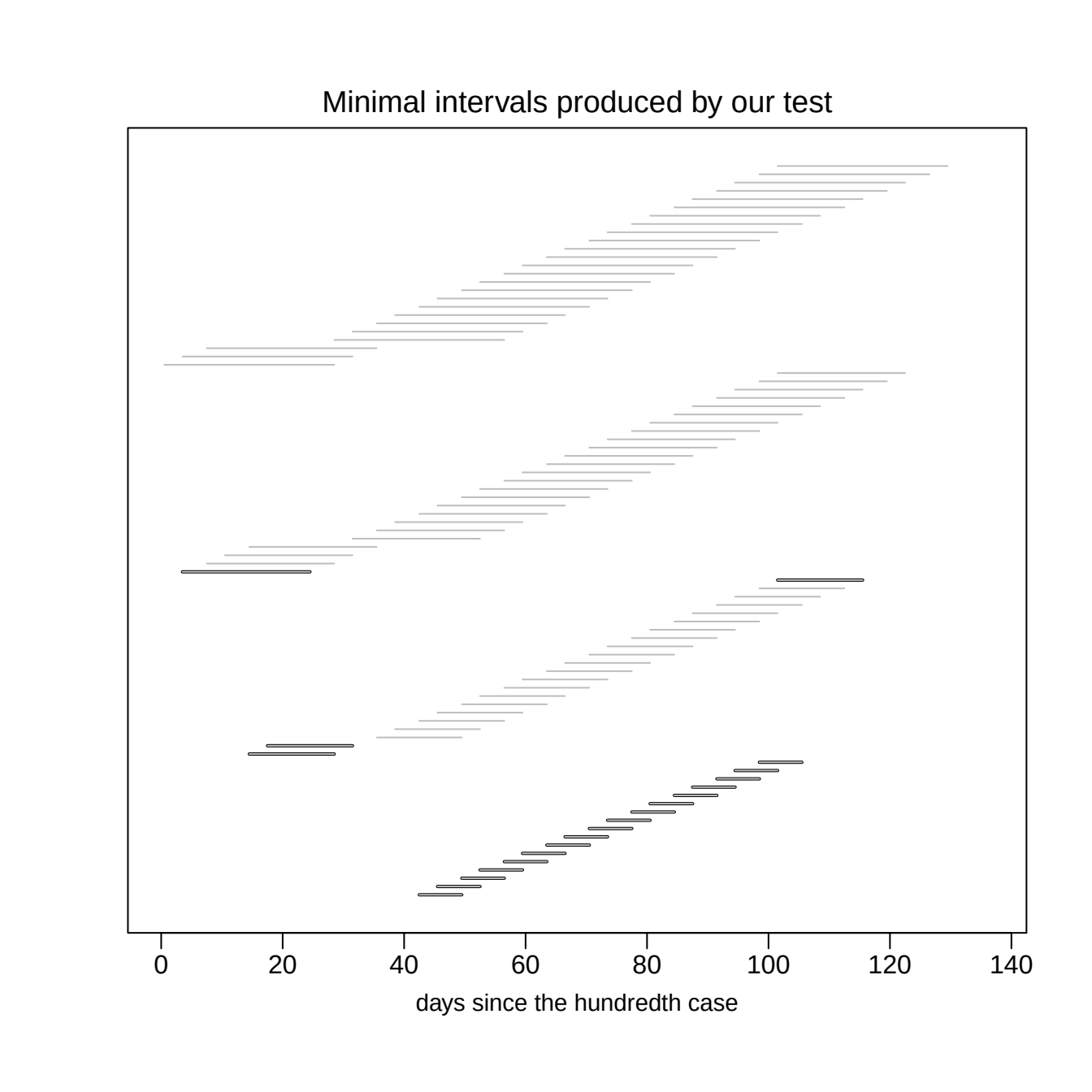

Minimal intervals produced by the test
1650
1700
1750
1800
1850
1900
1950
2000
year

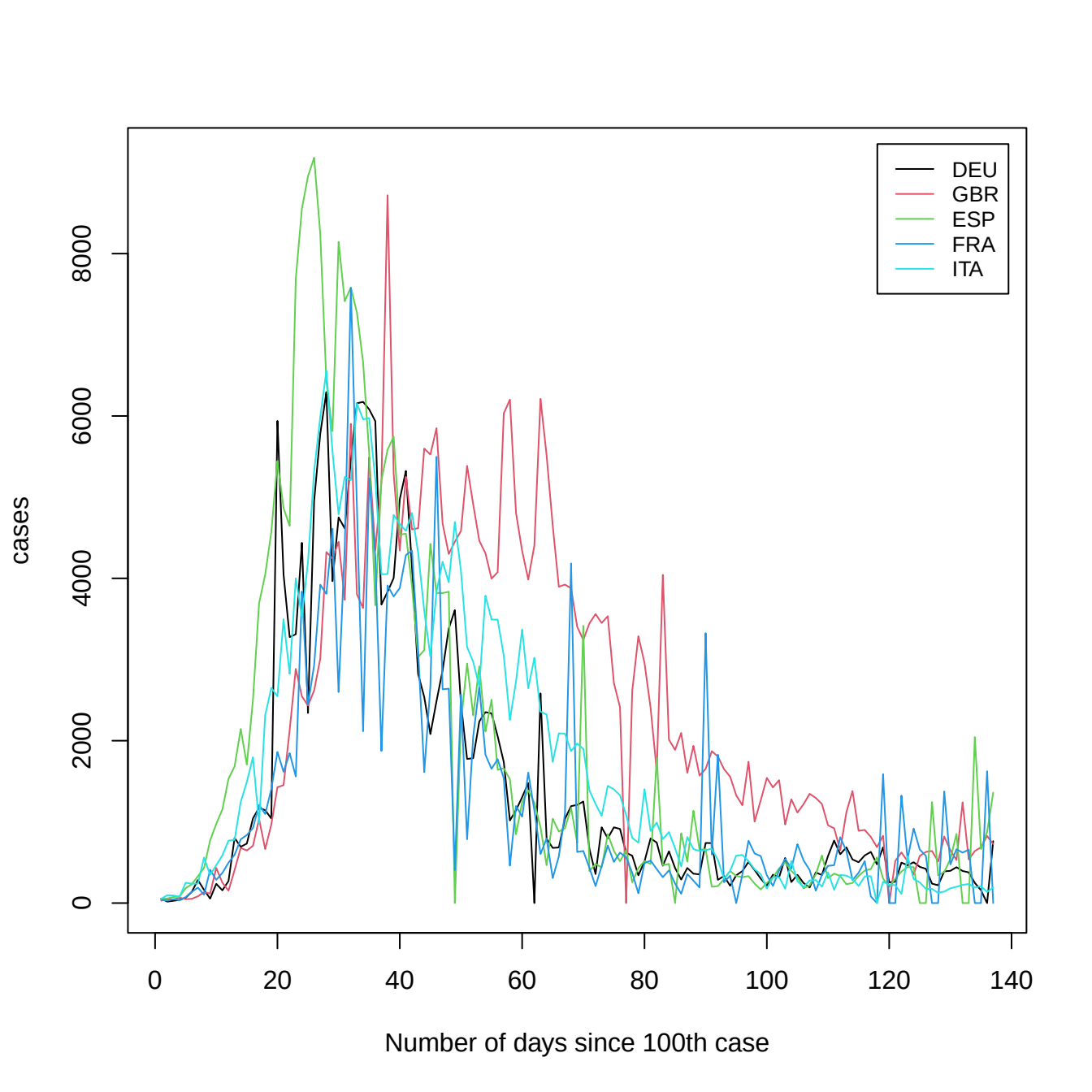

DEU
GBR
ESP
FRA
ITA
cases
0
2000
4000
6000
8000
0
20
40
60
80
100
120
140
Number of days since 100th case

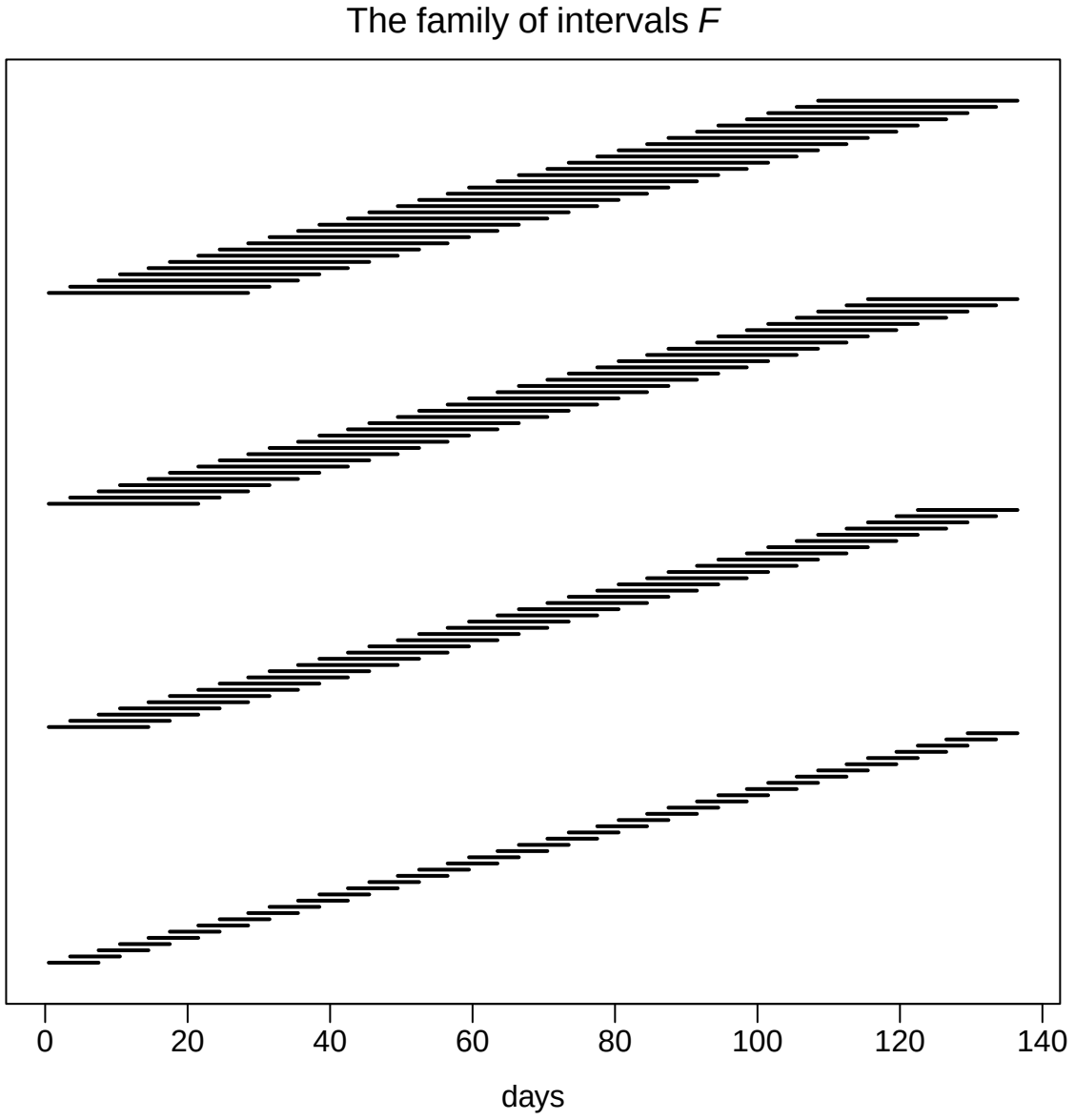

The family of intervals F
0
20
40
60
80
100
120
140
days

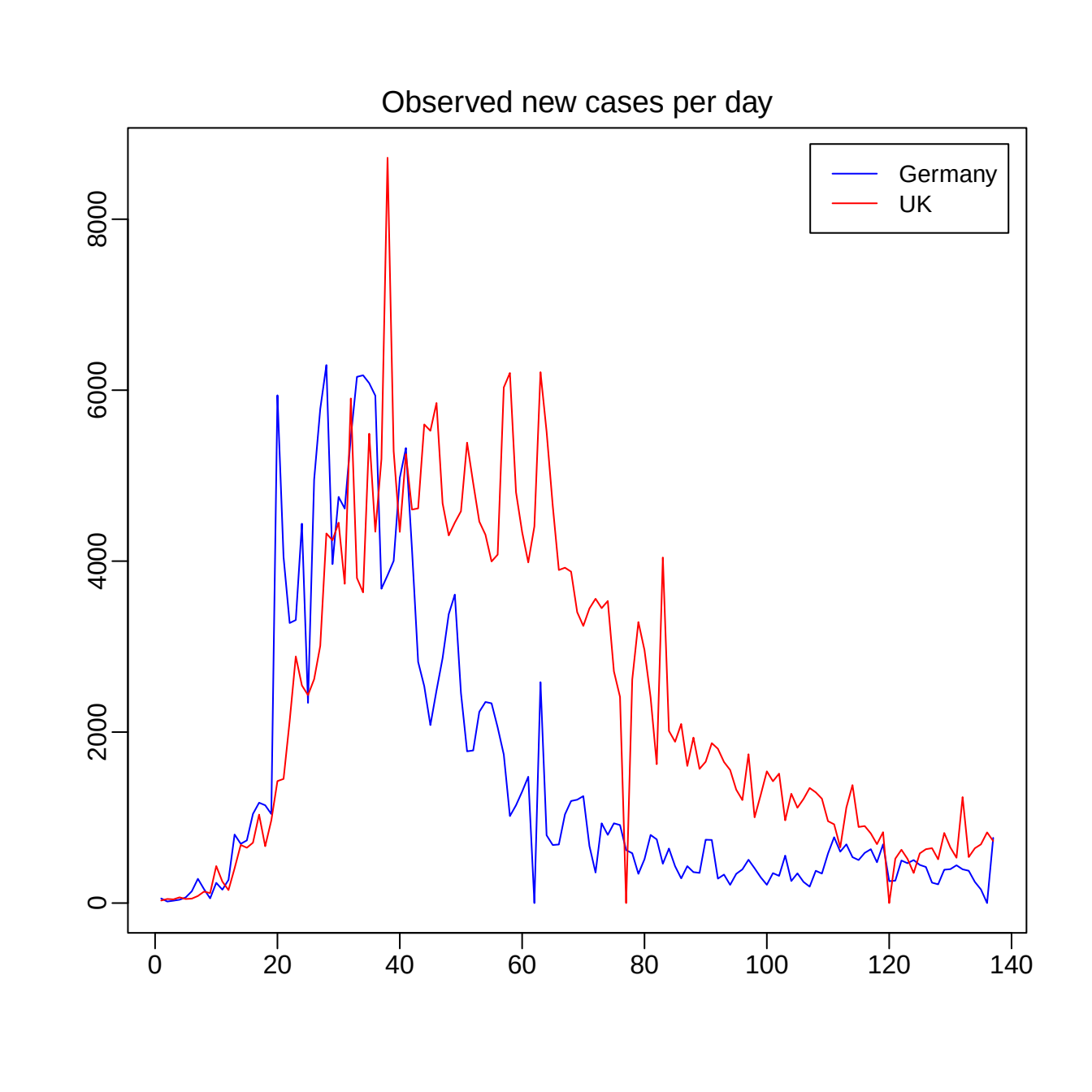

Observed new cases per day
Germany
UK
0
2000
4000
6000
8000
0
20
40
60
80
100
120
140

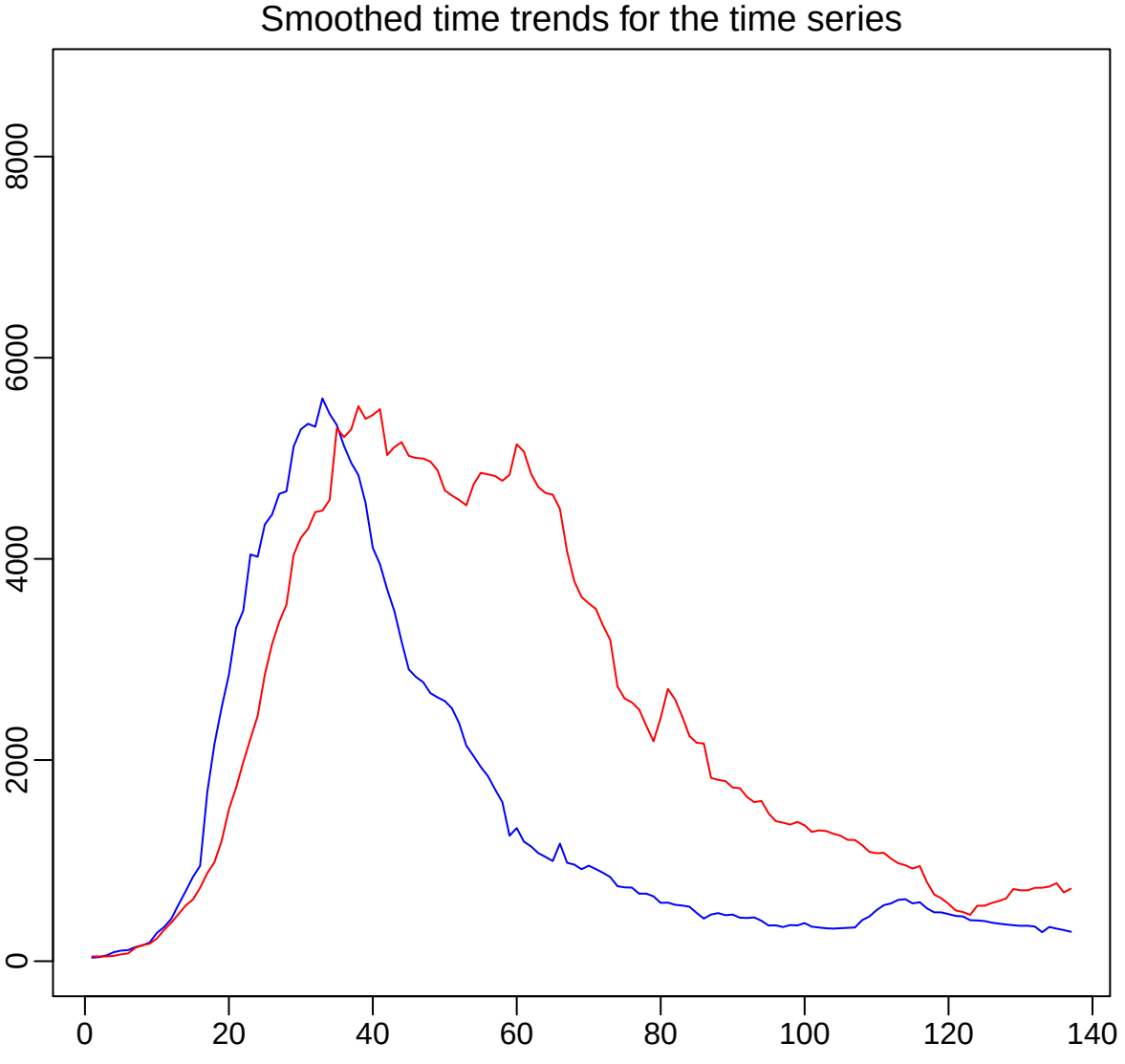

Smoothed time trends for the time series
0
2000
4000
6000
8000
0
20
40
60
80
100
120
140

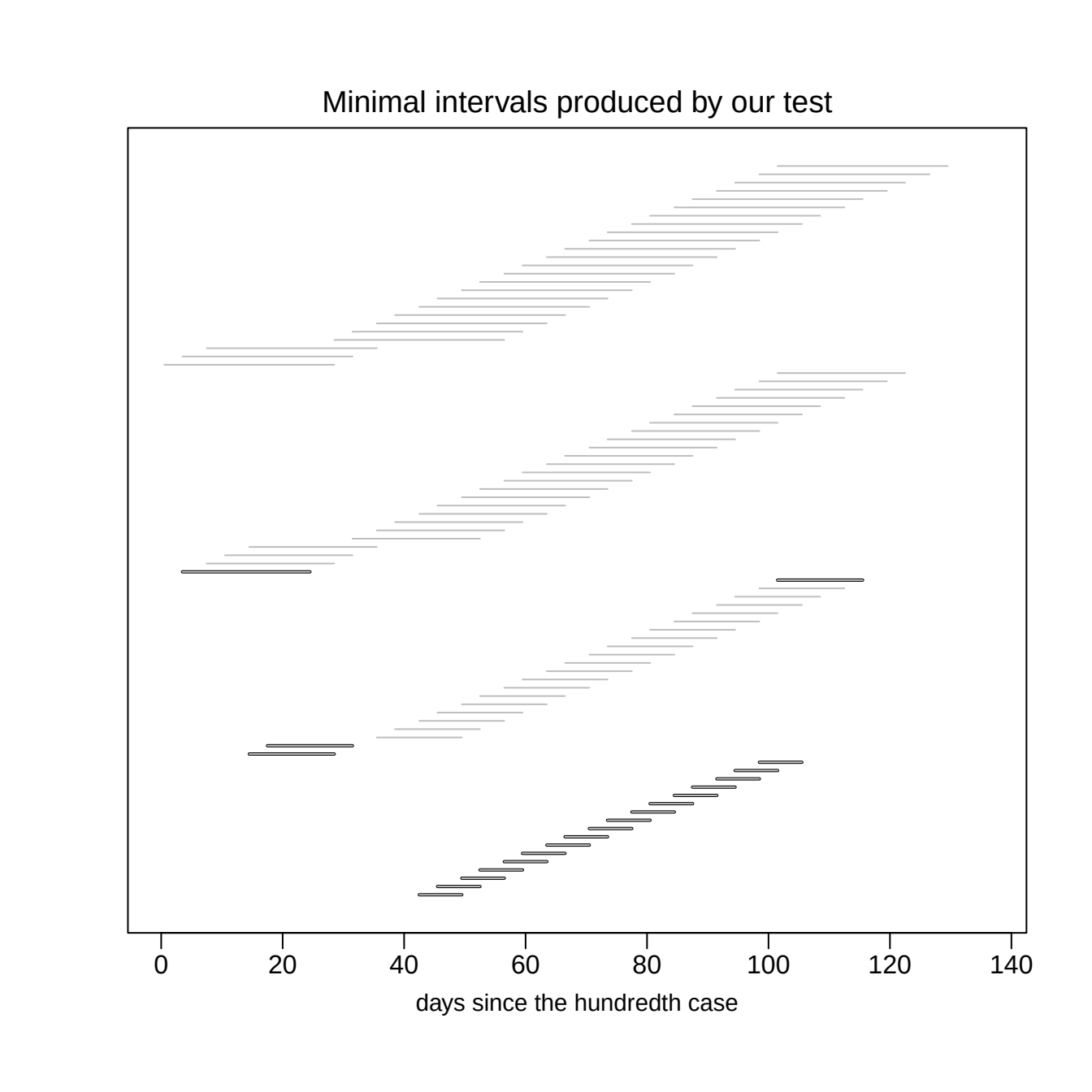

Minimal intervals produced by our test
0
20
40
60
80
100
120
140
days since the hundredth case


DEU
GBR
ESP
FRA
ITA
cases
0
2000
4000
6000
8000
0
20
40
60
80
100
120
140
Number of days since 100th case


The family of intervals F
0
20
40
60
80
100
120
140
days


Observed new cases per day
Germany
UK
0
2000
4000
6000
8000
0
20
40
60
80
100
120
140


Smoothed time trends for the time series
0
2000
4000
6000
8000
0
20
40
60
80
100
120
140


Minimal intervals produced by our test
0
20
40
60
80
100
120
140
days since the hundredth case