

Tourism in Norway

Marius R. Larsson

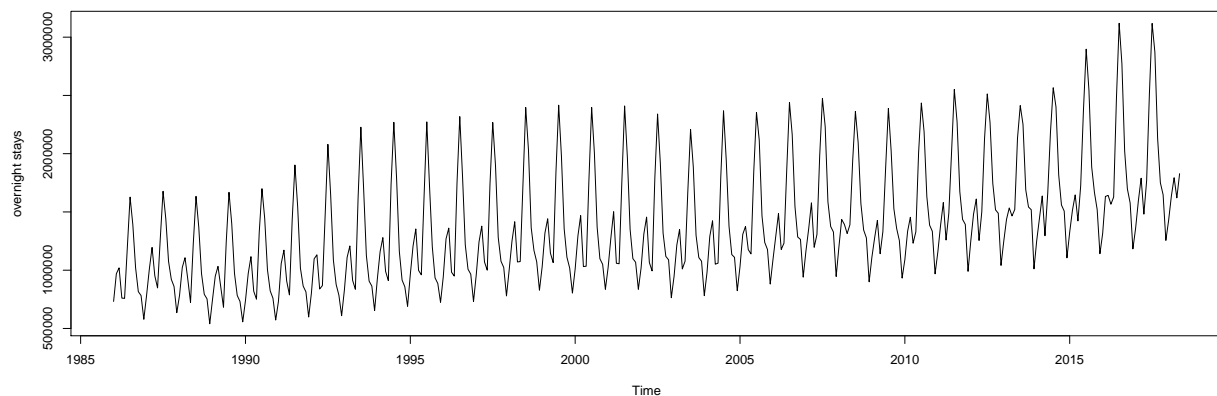
26 juli 2018

Introduction

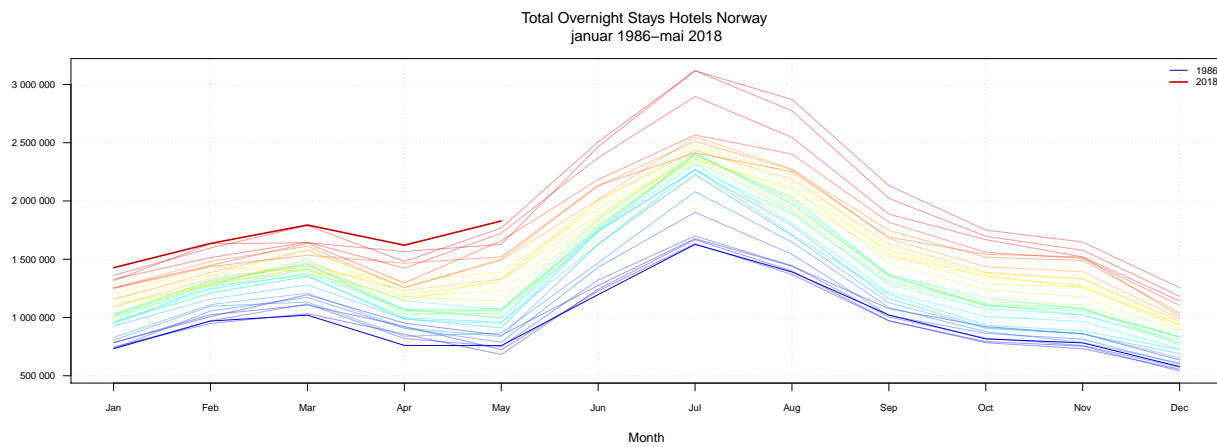
In this report we will look at the change in overnight stays at hotels in Norway from januar 1986 to mai 2018.

Overnight Stays Norway

The first plot shows a time series of the hotel overnight stays in Norway from January 1986 to May 2018. As we can see the activity is highly seasonal and seems to have a positive trend. We can observe that we have a small decrease in overnight stays following the 2008 financial crisis. On the other hand, it's difficult to see whether or not the YTD 2018 is higher than YTD 2017. Let's change the way we plot the data.



In the figure below we can see that for YTD, 2018 is currently the year with the most total overnight stays since 1986.



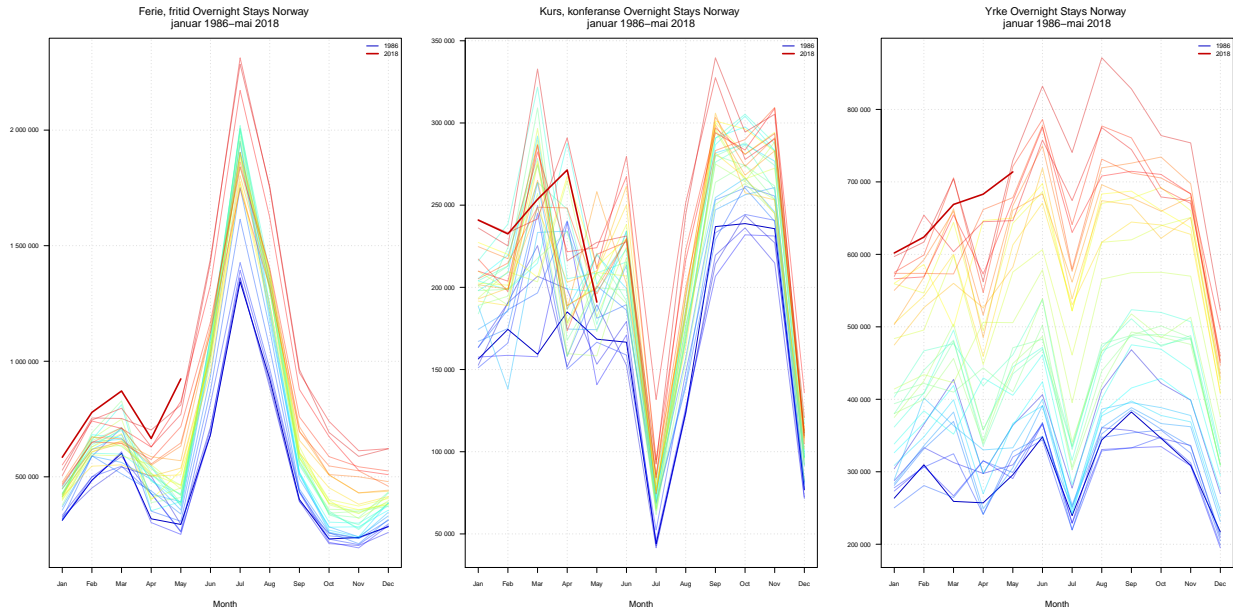


Figure 1: Total overnight stays by porpose

As we can se from the plot bellow, it's the Ferie, fritid that accounts for most of the overnight stays during peak season in summer.

From the summary table bellow we can confirm that the month with the most overnight stays is highest for the Ferie, fritid category. The Kurs, konferanse category has the lowest. We can also see that the category Yrke has probably the least volatily as the range is quite low compared to the others. Both the plot and summary confirms this.

Table 1: Summary Table 2017-2018

Ferie, fritid	Kurs, konferanse	Yrke
Min. : 528721	Min. : 92458	Min. :522741
1st Qu.: 666009	1st Qu.:225233	1st Qu.:616928
Median : 754534	Median :236117	Median :704227
Mean : 924979	Mean :238009	Mean :694975
3rd Qu.: 923603	3rd Qu.:271401	3rd Qu.:753812
Max. :2284651	Max. :339637	Max. :871224

Under we can observe the final 17 observations.

Table 2: Observation 2017-2018

month	Ferie, fritid	Kurs, konferanse	Yrke
jan 2017	528 721	236 117	597 049
feb 2017	754 534	225 233	616 928
mar 2017	752 397	332 851	704 227
apr 2017	702 636	216 151	562 422
mai 2017	810 618	227 345	729 580
jun 2017	1 444 486	231 212	832 076
jul 2017	2 284 651	92 458	740 667
aug 2017	1 755 689	244 513	871 224
sep 2017	964 518	339 637	828 404
okt 2017	691 982	294 440	763 957
nov 2017	588 455	305 309	753 812
des 2017	621 509	111 498	522 741
jan 2018	584 635	240 902	601 887

