Week 2 Statistical computing

MS 276

September, 2017

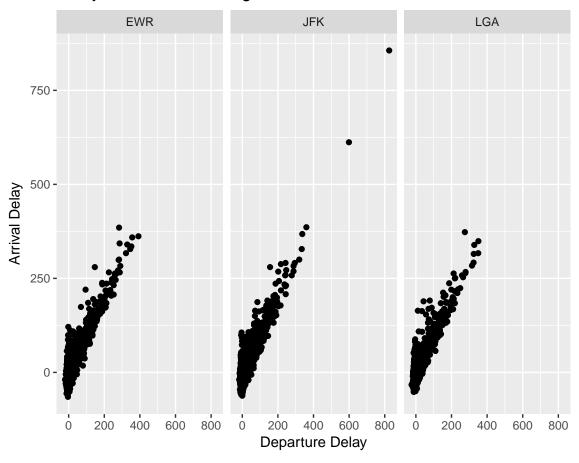
For each plot

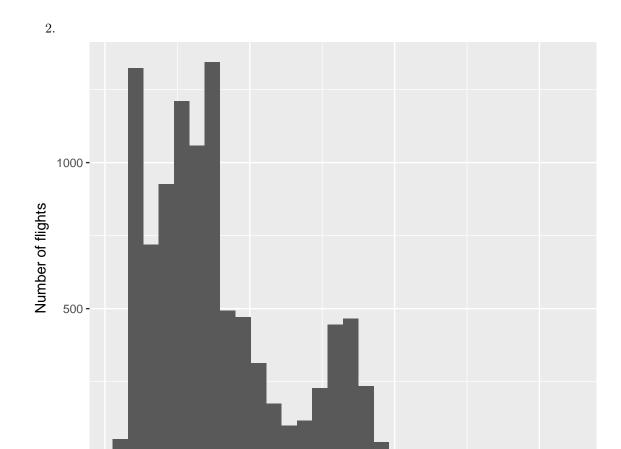
- 1. Write the code that, intuitively, should get you most of the way towards a final plot
- 2. Identify any new aspects of visualization that you'll need to look up

Use the following code to get started

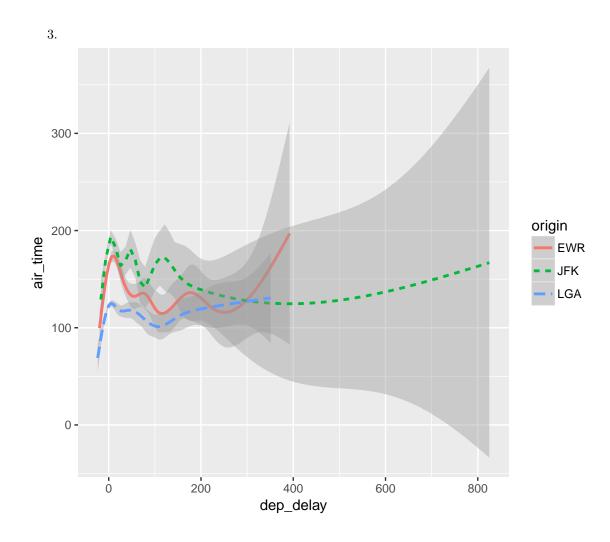
```
set.seed(0)
library(nycflights13)
library(tidyverse)
flights <- flights %>% sample_n(10000)
```

Delay times for 10000 flights out of NYC

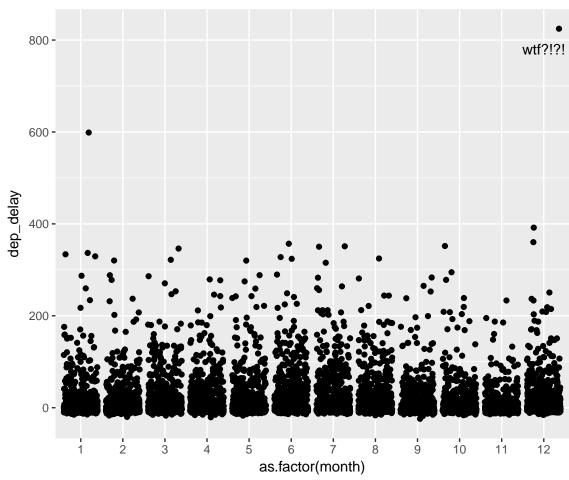


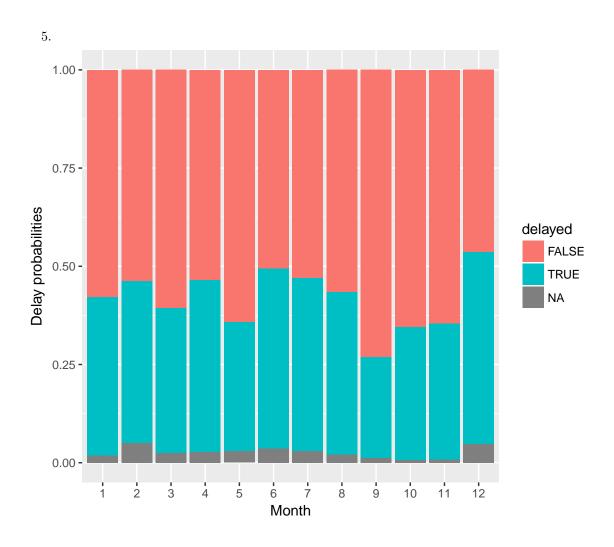


Air time









6. Using the flights data frame, construct code and a rough outline of a plot that you think would be interesting to look at.

head(flights) %>% print.data.frame()

##		vear	month	dav	der	time	sched_der	time	dep de	elav	arr t	ime	sched	d arr	time
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##	3	2013	2	17		809		810		-1		1024			1042
##	4	2013	4	30		1354		1359		-5	:	L447			1519
##	5	2013	8	28		905		910		-5	:	1203			1215
##	6	2013	11	14		555		600		-5		723			730
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##	2		30		UA	1554	N14731	EWR	SFO		396		2565	14	
##	3		-18		\mathtt{DL}	269	N302NB	JFK	ATL		104		760	8	
##	4		-32		9E	3354	N931XJ	JFK	BOS		33		187	13	
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##	6		-7		AA	301	N555AA	LGA	ORD		121		733	6	
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##	2	45 2013-12-07			14:00:00										
##	3		10 2013	3-02-	-17	08:00:	00								
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##	5	;	10 2013	3-08-	-28	09:00:	00								
##	6		0 2013	3-11-	-14	06:00:	00								