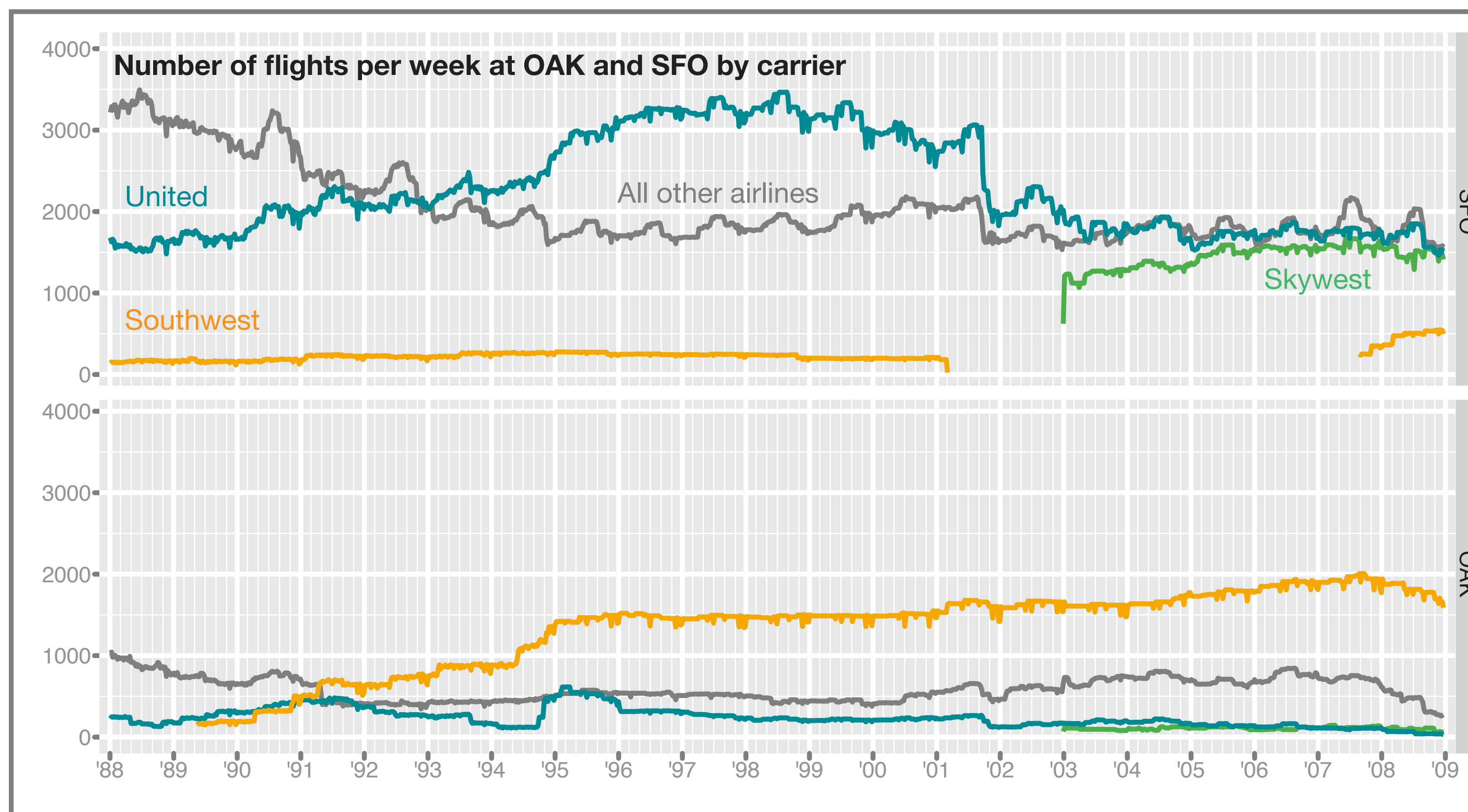
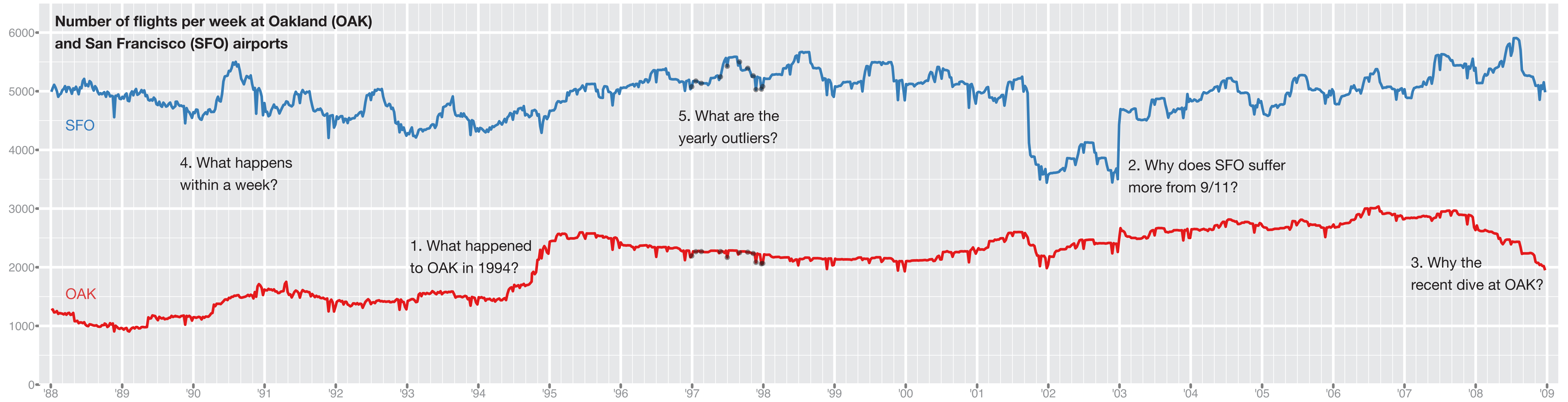


A Tale of Two Airports

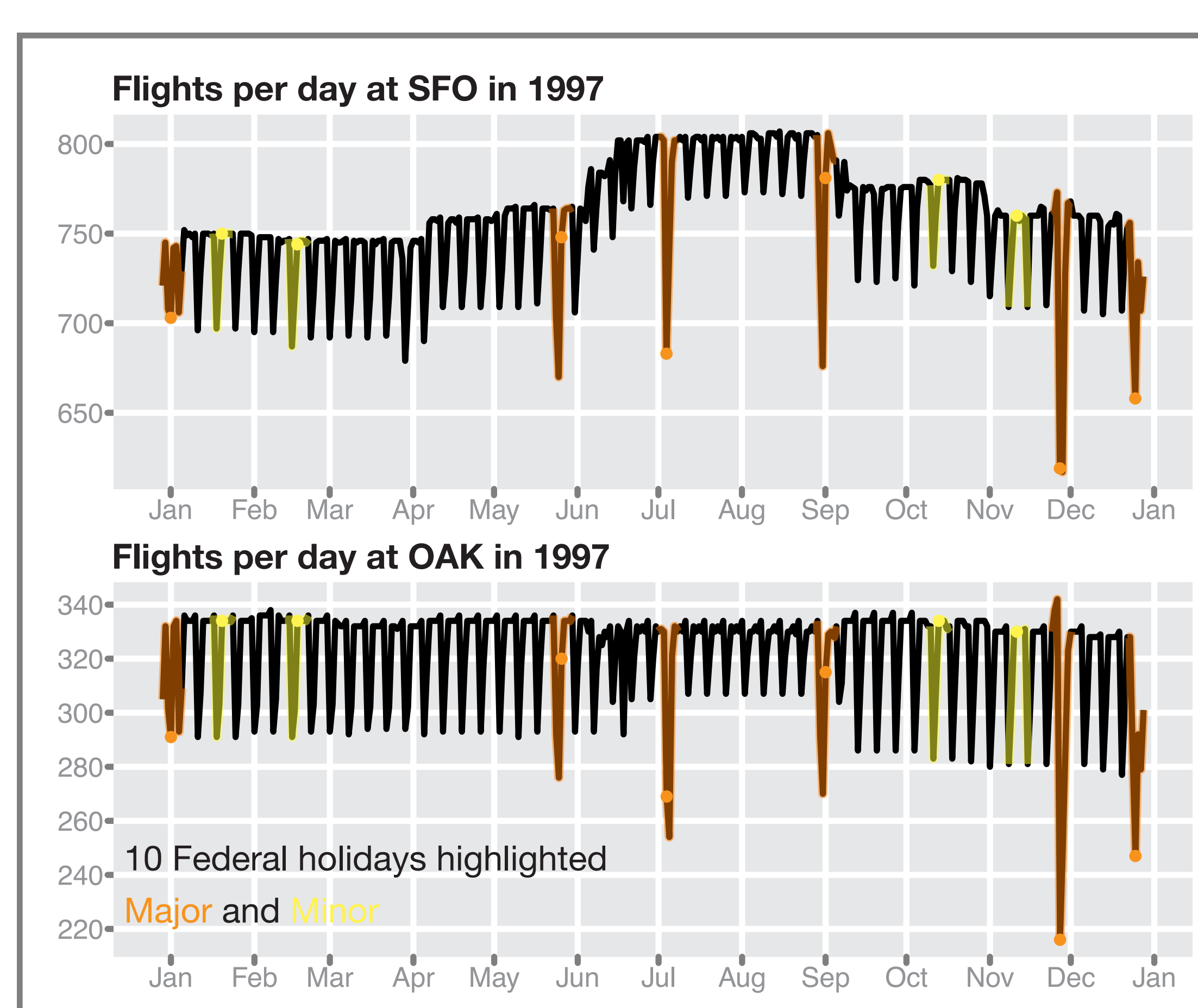
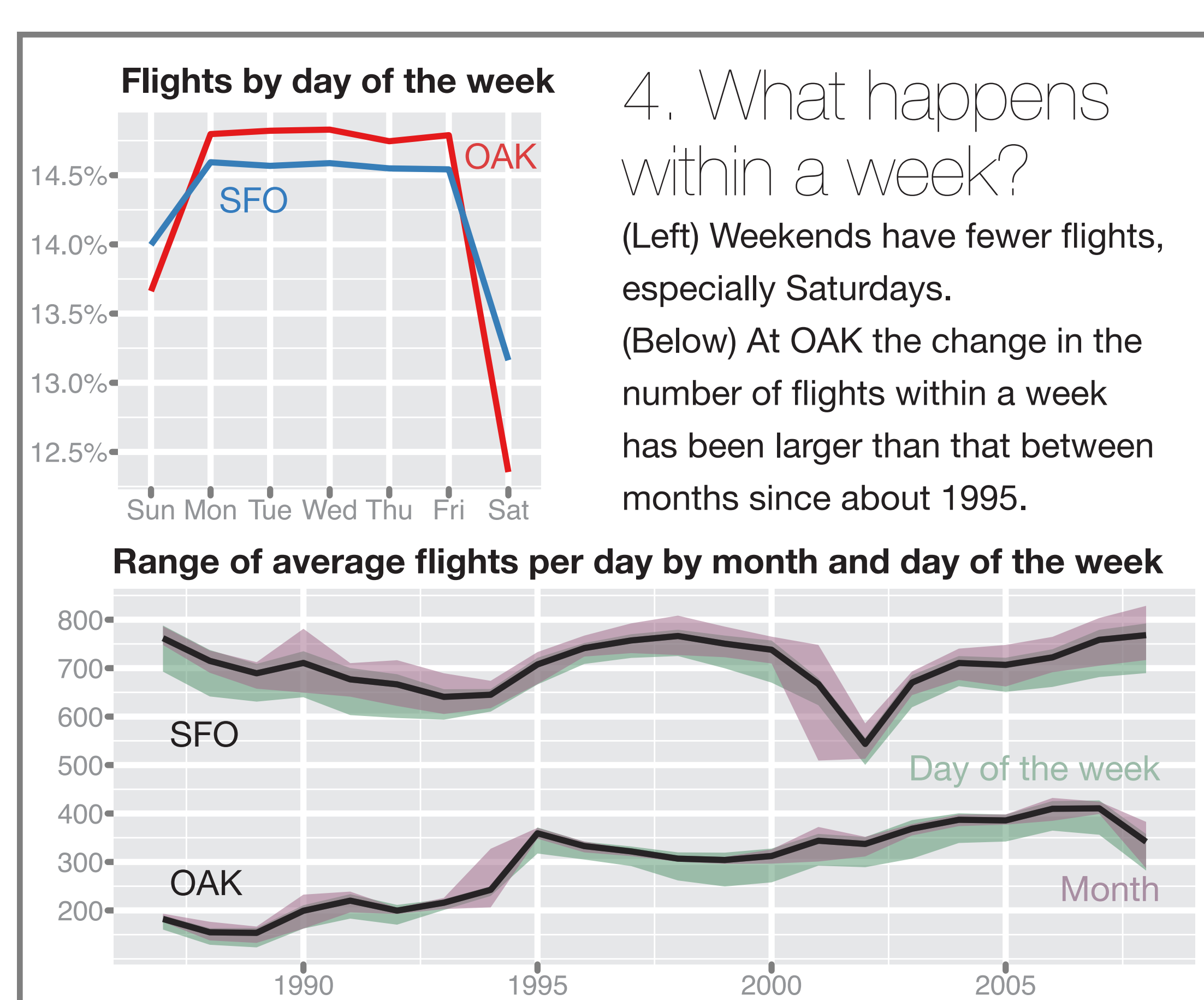
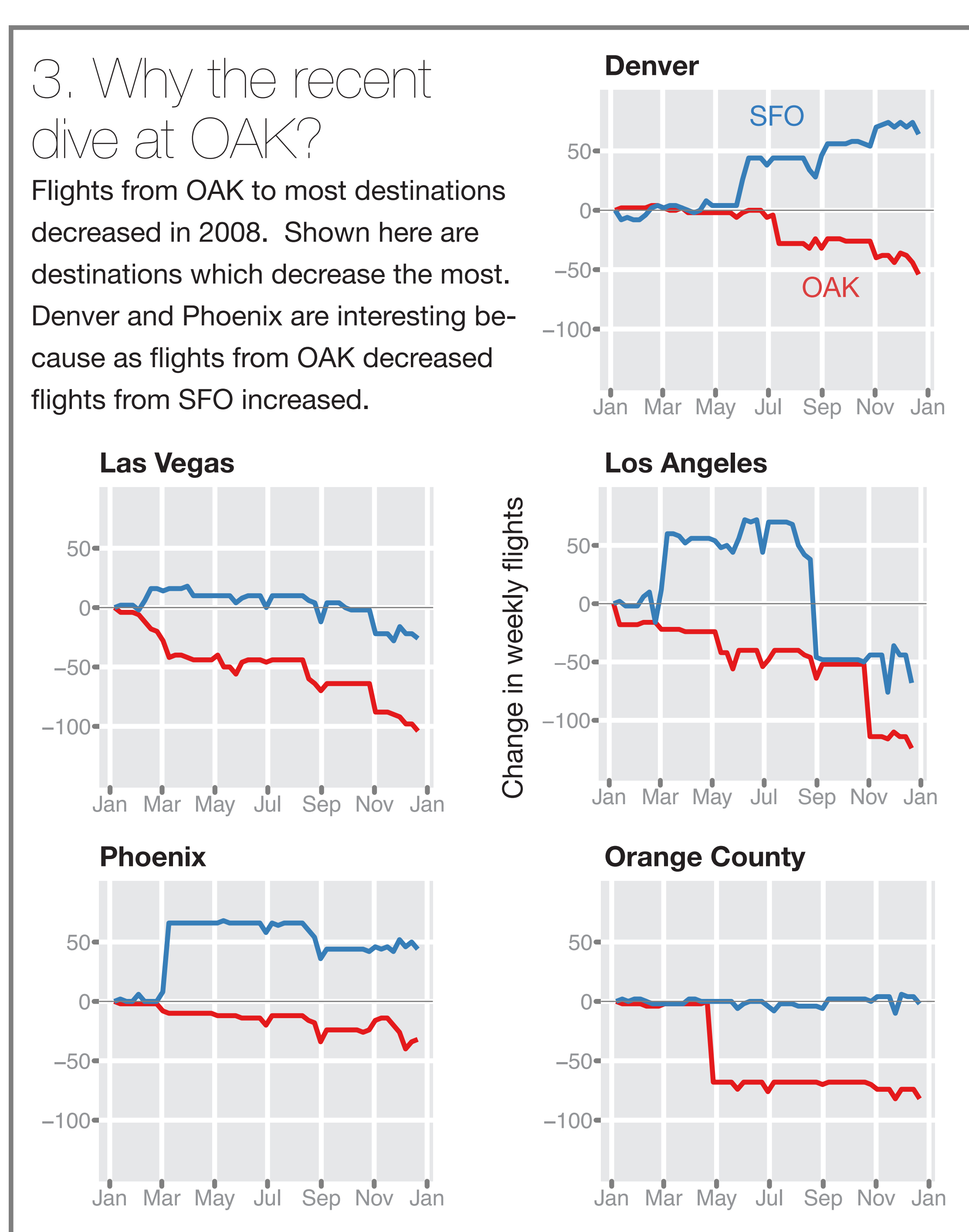
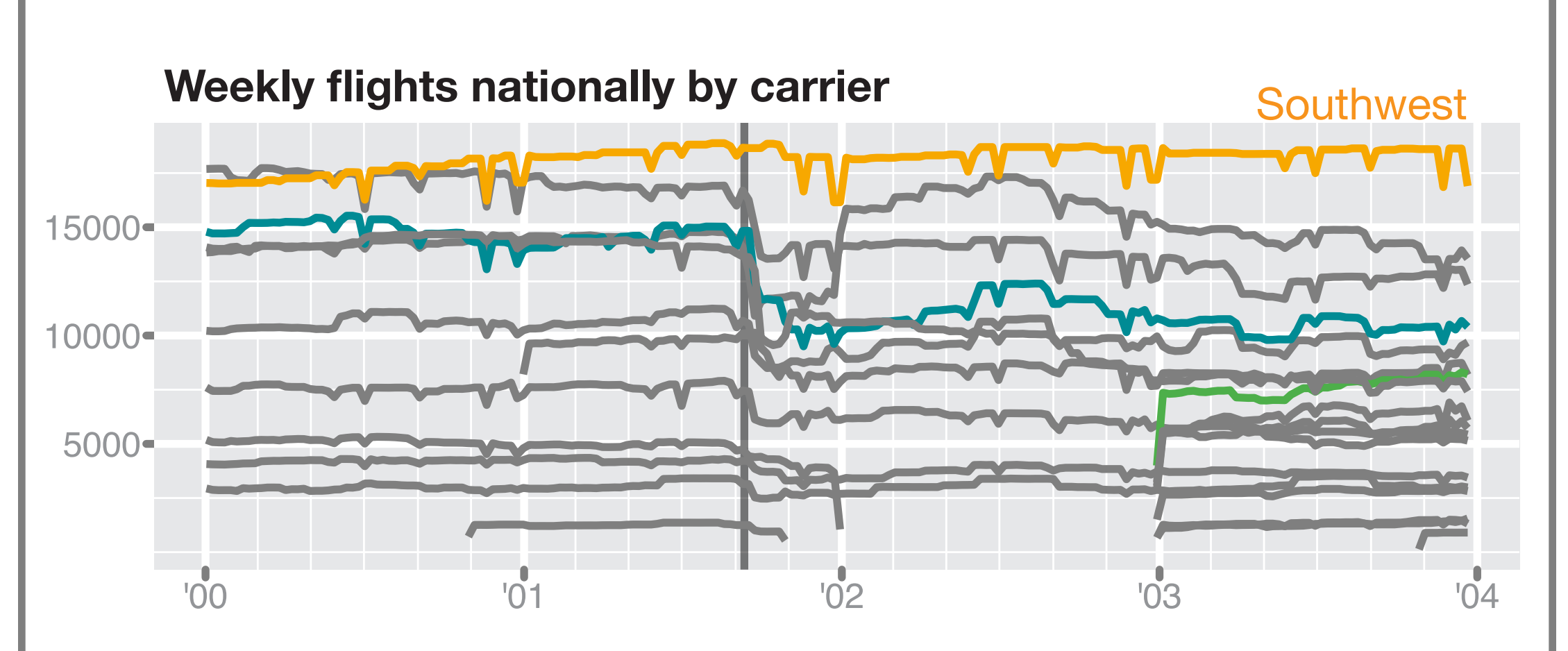
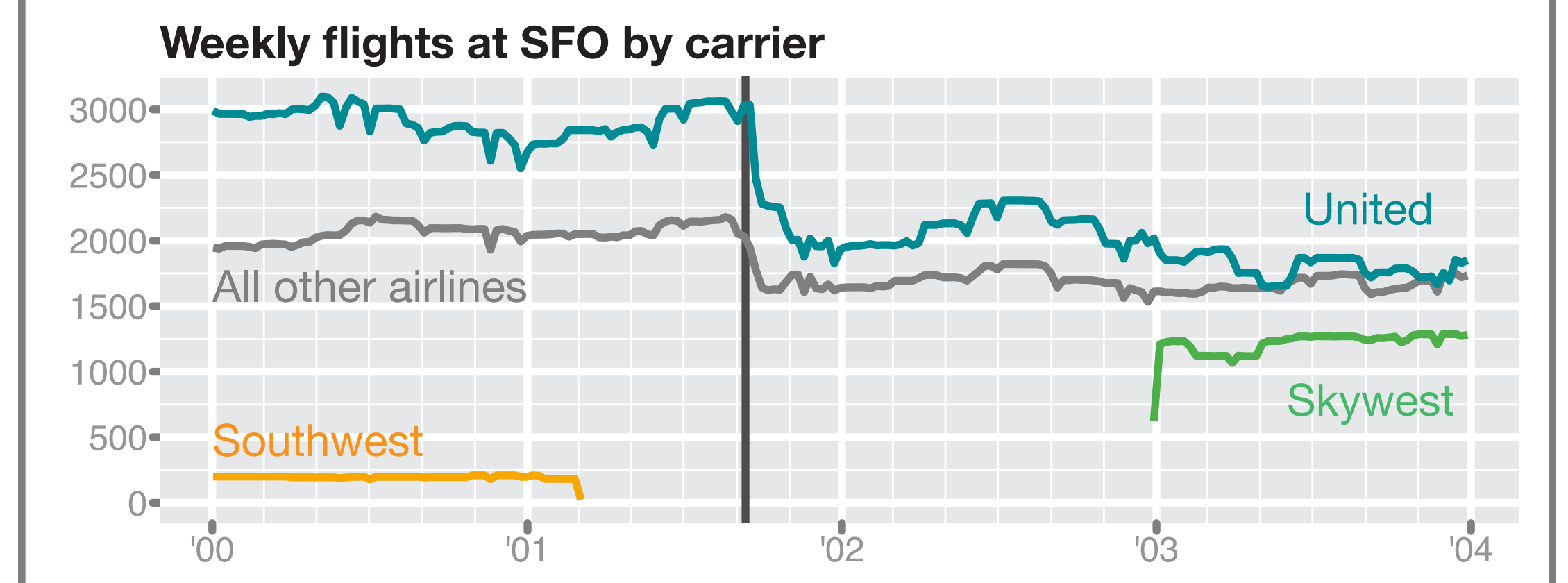
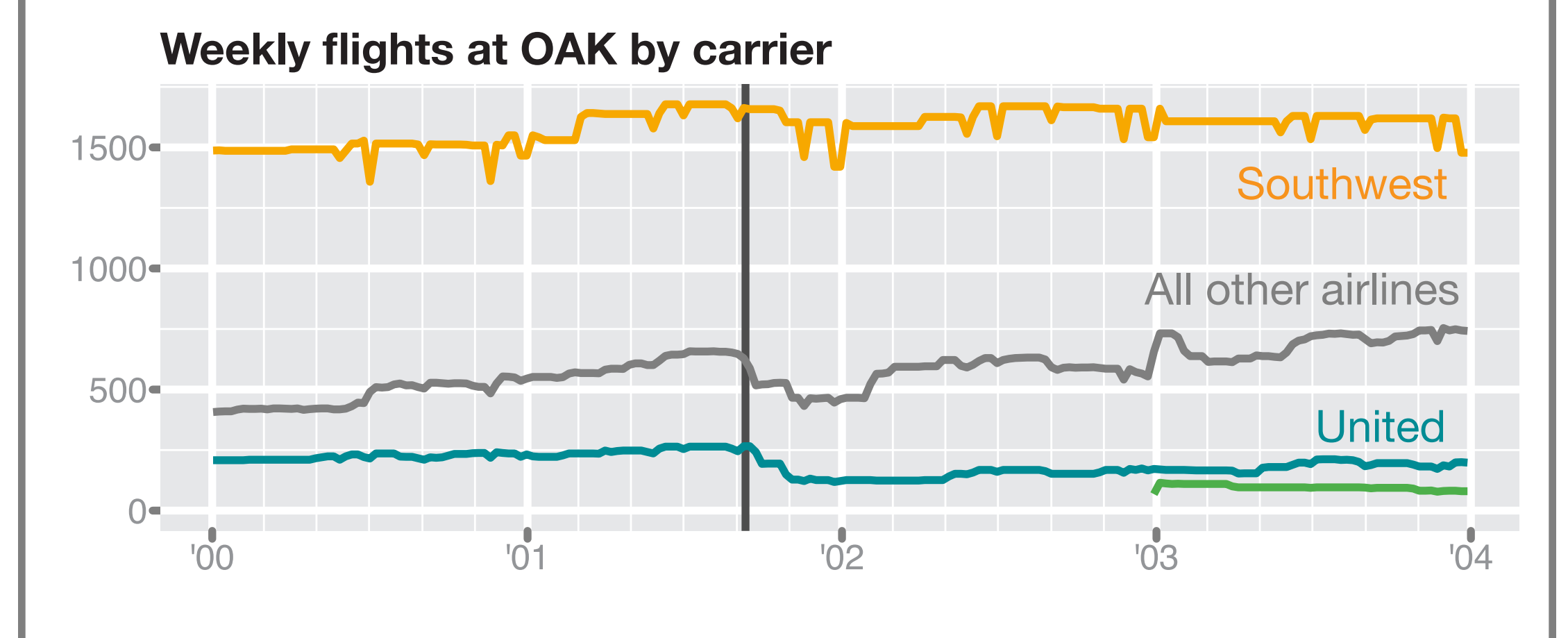
AN EXPLORATION OF FLIGHT TRAFFIC AT OAK AND SFO

Charlotte Wickham
University of California, Berkeley
cwickham@gmail.com



2. Why does SFO suffer more from 9/11?

OAK suffers only a small drop (top) in flight numbers after September 11 because Southwest maintains flight volume at OAK. In fact looking across all airports nationally (bottom) Southwest is the only carrier to maintain flight volume after September 11. United filed for bankruptcy in Dec 2002.



5. What are the yearly outliers?

There are fewer flights around **major holidays** (left). Minor holidays: **Martin Luther King Jr. Day, Presidents Day, Columbus Day and Veterans Day** have no effect on the number of flights.

(Right) When the holiday occurs on a Monday the preceding Sunday has fewer flights than usual. Thanksgiving Day has the fewest flights annually, with slightly increased flights the Wednesday the before.

Flights per day at SFO in 1997

Flights per day at OAK in 1997

Tools Used

R + packages:
ggplot2
plyr
RColorBrewer
sqlite3

