



STAT696 Discussion

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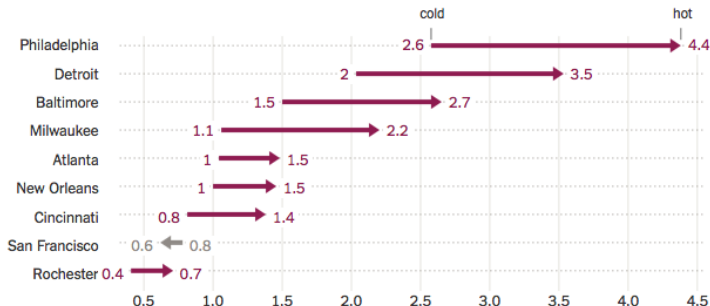


How to Display Data Badly

Rise in Shooting Victims on Hot Days

The average number of shooting victims per cold day (defined here as under 50 degrees Fahrenheit) and per hot day (85 and up) in nine cities in recent years.

Shooting victims per day, based on weather



Fatal and nonfatal shooting victim data for Cincinnati (2008-present), Rochester (2000-present), San Francisco (2012–2017), Baltimore (2011–present), Philadelphia (2015–present), New Orleans (2010–present), Atlanta (2012–17) and Chicago (below, 2014–present). Nonfatal shooting victim data for Detroit (2014–2016) and Milwaukee (2011–May 2016).



- Why display data?



Discussion Points

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- ▶ What can go wrong?



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- ▶ Why display data?
- ▶ What can go wrong?
 - ▶ Actually display the data
 - ▶ Don't be deceptive
 - ▶ Be consistent
- ▶ Keep it simple

How to Display Data Well



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