

Introduction to Scientific Research – Analysis

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BISC 104
Session 2

Scientific research probes deepest mysteries
of universe

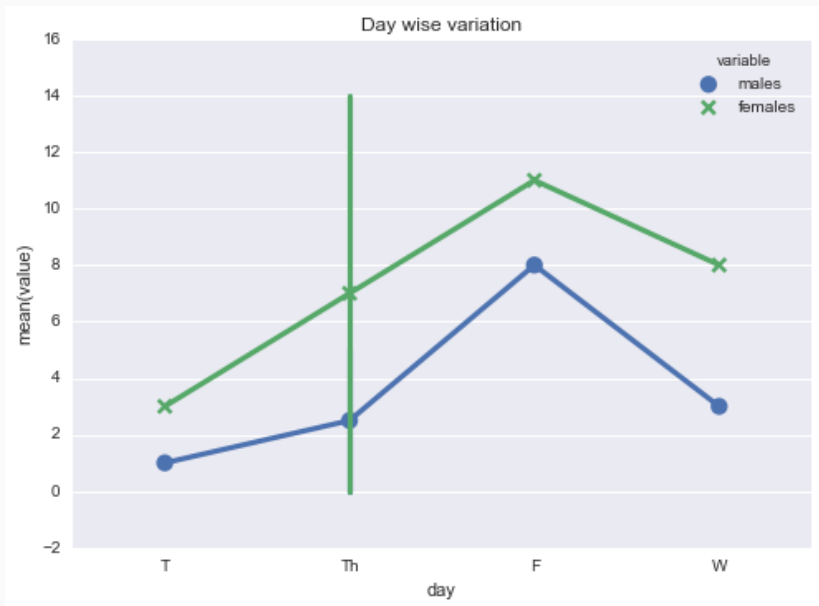
The Experiment

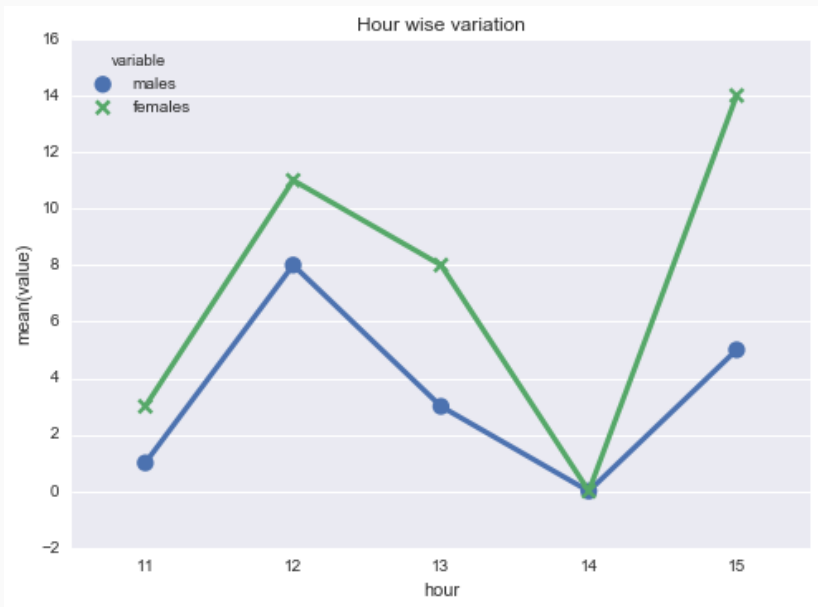
- **Hypothesis:** More females than males visit Sprinkles ATM
- **Control Variables:** Weather; price of cupcakes; flavors available;
- **Possible improvements:** Randomize time of visit; More number of visits; cameras

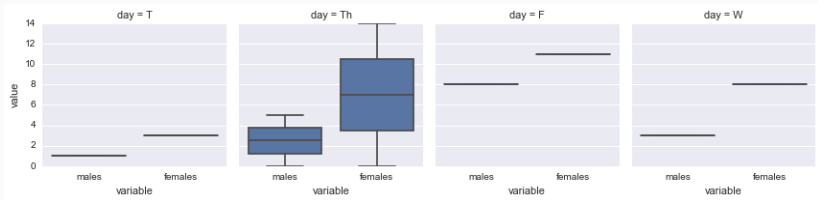
hour	day	males	females
11	T	1	3
15	Th	5	14
12	F	8	11
13	W	3	8
14	Th	0	0

Count table

Extras







Boxplot

- Quiz![First five minutes!]. Based on lab sessions 01-02.
- You don't need to know about things in 'Extras' slides
- You should know about type of variables and should be able to determine them given a new experiment(Baking bread/Better fertilizer etc. that we talked about in Session 01)
- Please try to be on time!