3.1 Measures of Center

GOALS: Understand measures of **Central Tendencies**

- Mean
- Median
- Mode

Study Ch. 3.1, #3-7, 11-15, 19(15), 21(17), 29(25), 31, ~33, ~35

Class Notes: Prof. G. Battaly, Westchester Community College, NY

Statistics Home Page

Homework

2.1 Variable & Data

3.1 Measures of Center

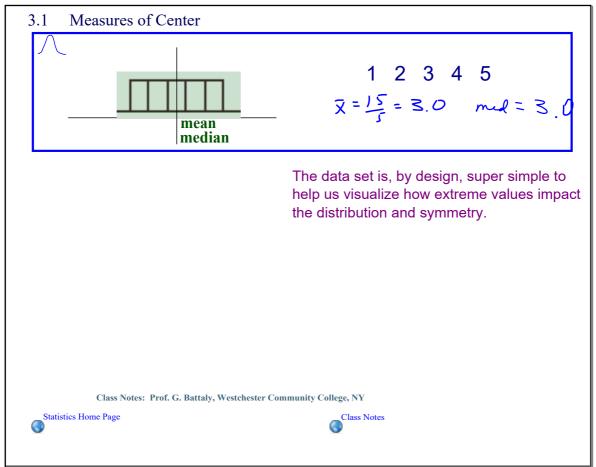
- 1. Mean: Σ of observations No. of observations
- 2. Median: value in the middle of ordered data

If number of observations is:

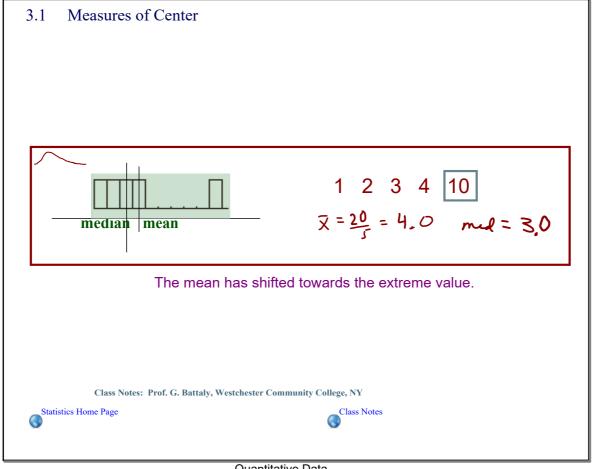
odd: median = middle term / 2 3 4 5

odd: median = middle term , even: median = mean of two middle terms /23/4563. Mode: value(s) that occur most often If no value occurs more than others, NO mode.

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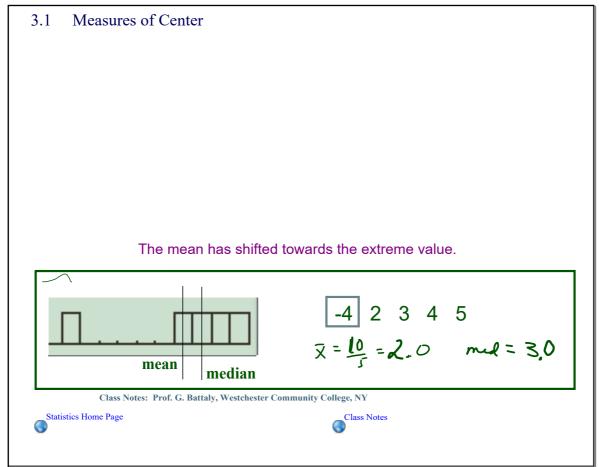


Quantitative Data

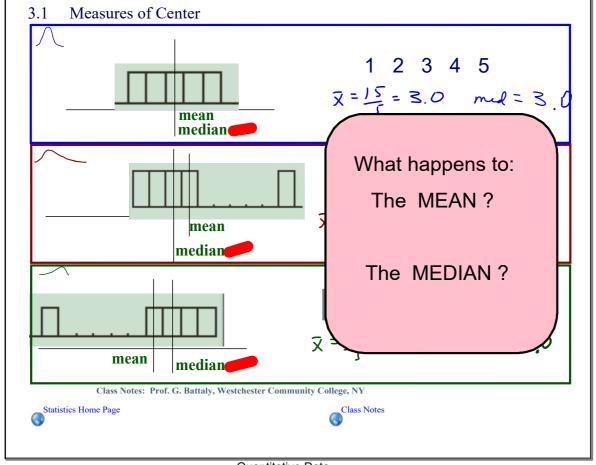


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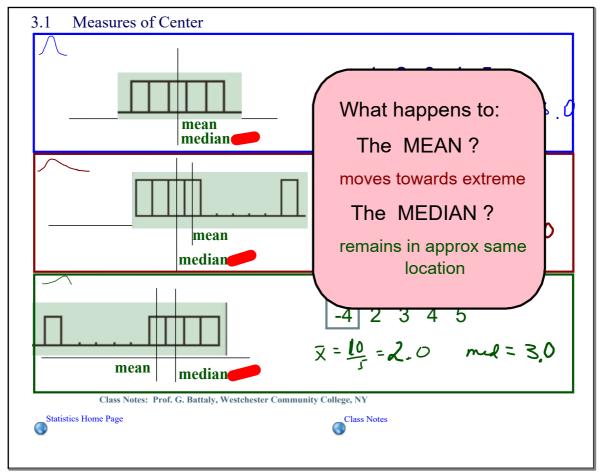
2 © G. Battaly 2019



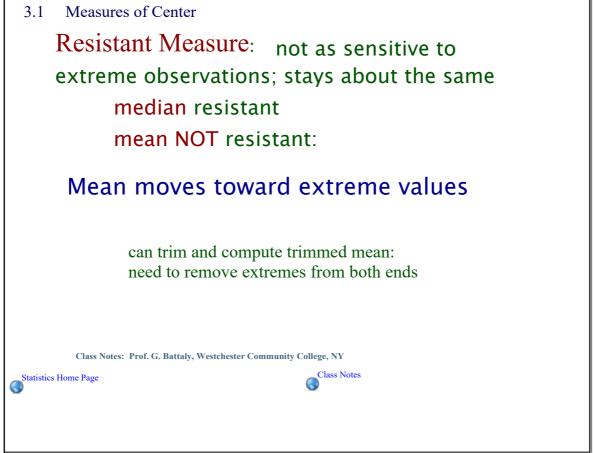
Quantitative Data



Quantitative Data

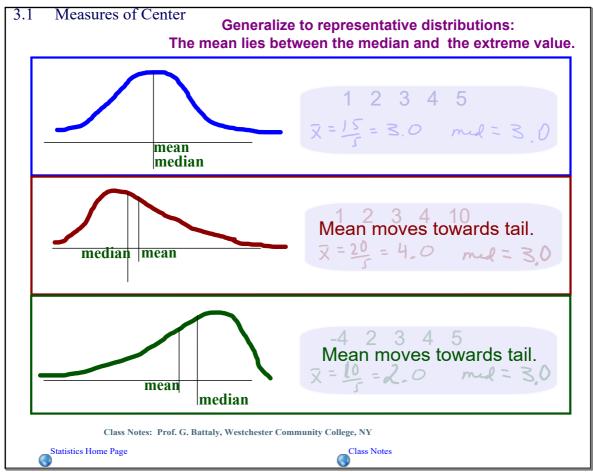


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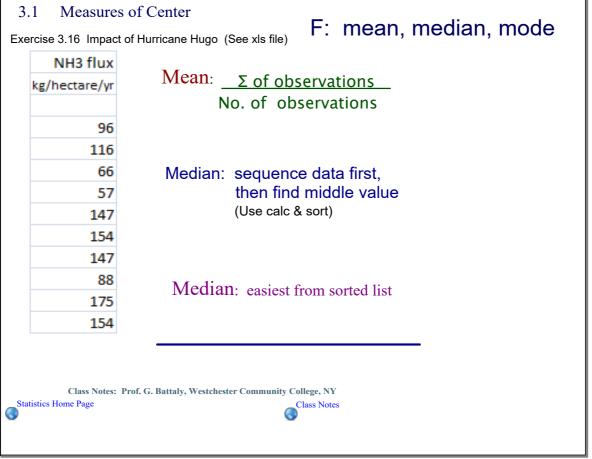


Problems

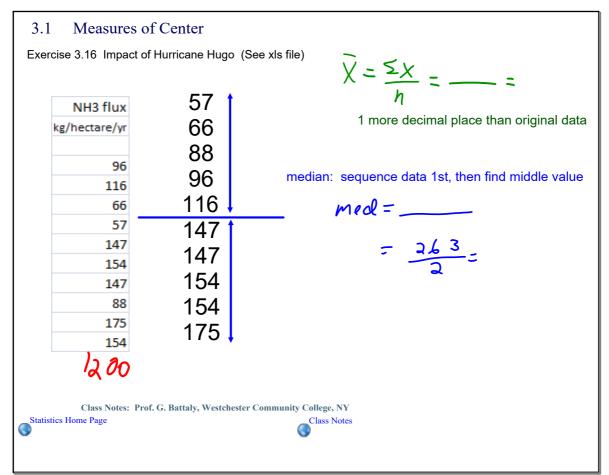
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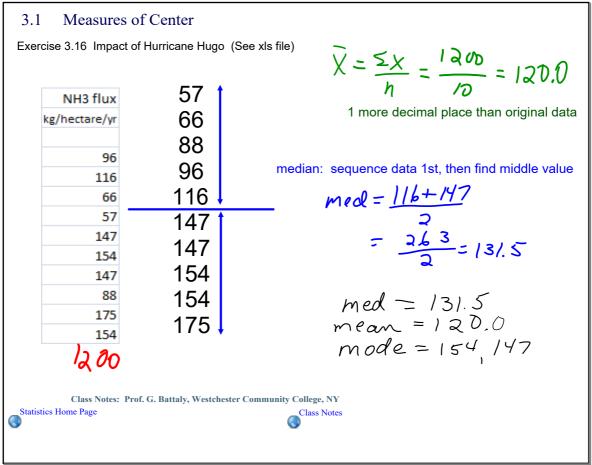
Quantitative Data

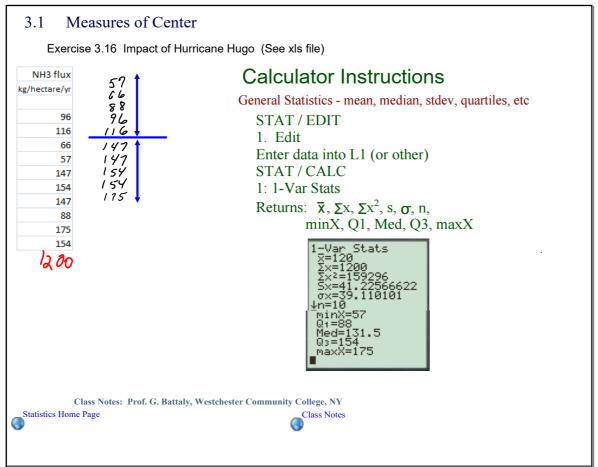


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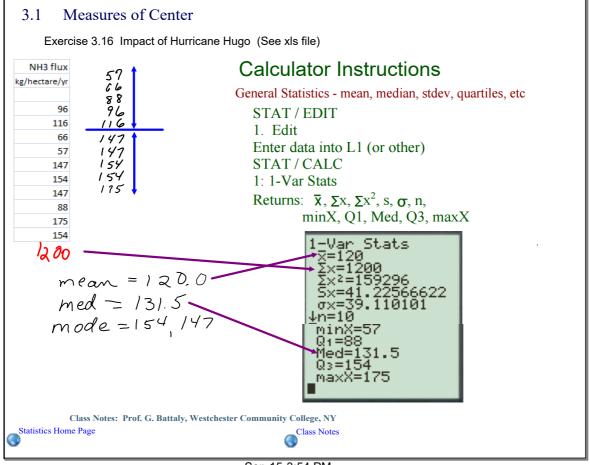


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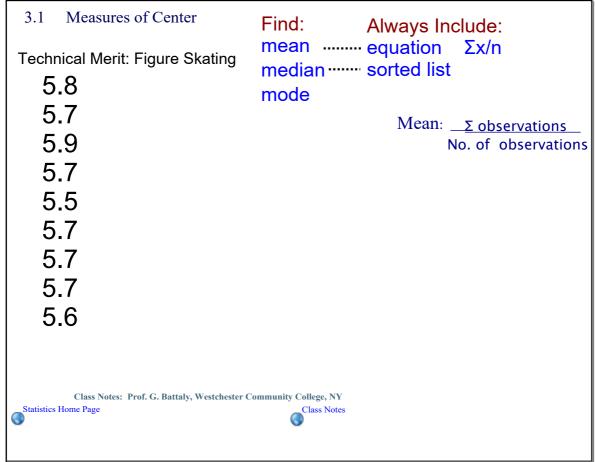




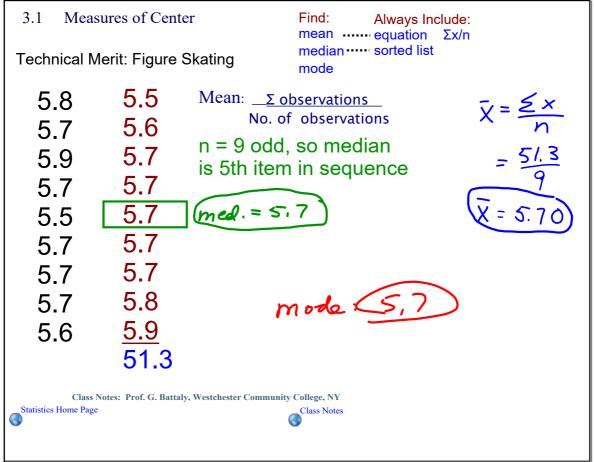
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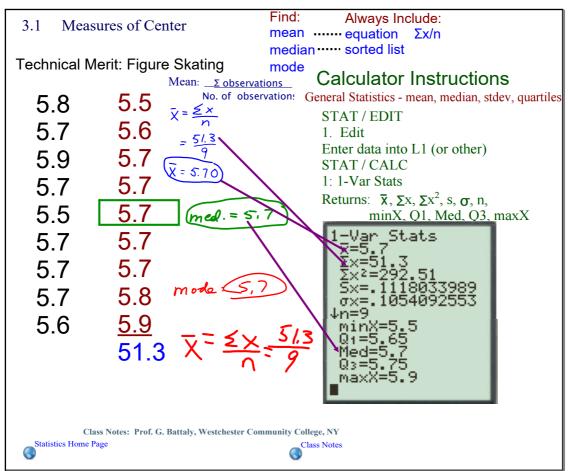
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