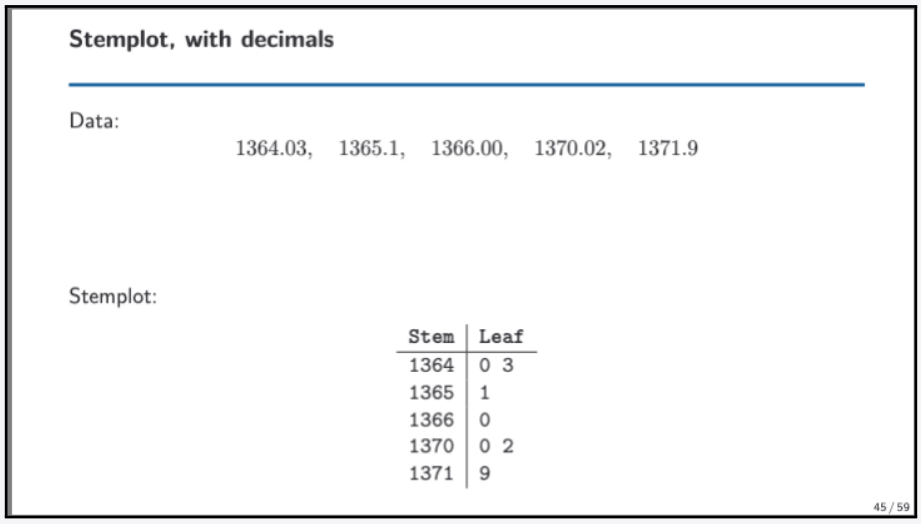
DS 1000B Section 003
Week 2: Errata & FAQ

CORRECTION ▪ Decimals in Stemplots (Slide 45)

The example on Slide 45 contains several errors, including incorrect encoding of the leaves (decimal digits) in the stemplot. Additionally, this is a poor example because the resulting stemplot would be quite sparse and not very informative. Please disregard this example.



Stemplot, with decimals

Data:

1364.03, 1365.1, 1366.00, 1370.02, 1371.9

Stemplot:

Stem	Leaf
1364	0 3
1365	1
1366	0
1370	0 2
1371	9

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Below is a corrected, simpler example using quiz scores to clearly demonstrate how to handle decimals.

Stemplot with Decimals (Corrected)

Data:

6.8, 7.5, 7.5, 8.2, 8.9, 9.0

Stemplot:

Stem	Leaf
6	8
7	5 5
8	2 9
9	0

Remarks

Some of the problems I included in the guidednotes were more challenging than intended. I added solutions to these problems here for your reference here.

Frequently Asked Questions

Q: I did not follow how we find the center of a histogram or stemplot. Could you please clarify?

A: I mentioned this in class and in the slides, but the center will be one of the focal points of what we do next week. In week 1, I wanted to focus on shape and outliers first before providing quantitative measures of center and spread.

Thus, I provided it (as a rough estimate) for us in class to focus on the other aspects of distributions first.

Q: When will you post the annotated slides for the week?

A: By Sunday evening at the latest. I understand that this is not convenient for some of you, and I apologize. However, due to my schedule, this is the best I can do. Of course, you are more than welcome to come to the lectures and take your own annotations in real-time.

Q: Do I need to read both the textbook, guidednotes and lecture slides to succeed in the assignments / exams?

A: No. The lecture slides or guidednotes would suffice.

Q: I noticed some differences between your and Marieke's slides in terms of content and coverage. Do I have to review her slides as well?

A: No, you do not have to. There will be some variations in terms of examples, content and possibly notation / conventions between the two sets of slides. However, the core concepts will be the same and all exam questions/coverage will be a subset of the intersection of the two sections.

You will not be penalized for following one section's convetions/approaches over the other.

Thus, for example, while I did not cover materials such as splitting stems in stemplots while Marieke did, you will not be tested on this material on the exams.

On the assignments, you are more than welcome to ask clarifying questions in the event of any ambiguities.

You are more than welcome to study both sets of slides if you wish, but it is not required.