

Using and Sharing Online Resources for Teaching Statistics

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Introduction

Covid-19 resulted in an unexpected move to online-only instruction.

Educators are turning to technology and online resources to use on their statistics course.

Where do you stand at present with your use of online resources for teaching?

Poll Question

Which of the following best describes your use of online resources when teaching?

1. I do not usually make use of online resources.
2. I only use resources linked to the textbook for my course(s).
3. I use online resources and am not looking to discover more.
4. I use online resources and want to discover more.
5. I use online resources and am frequently discovering more.

What's out there?

Sets of online learning materials exist, including:

Causeweb:

www.causeweb.org/cause/resources

Tintle *et al.*, including applet collection:

www.isi-stats.com/isi

Statistics Online Computational Resource:

www.SOCR.ucla.edu

OnlineStatsBook (David Lane, Rice):

<http://onlinestatbook.com>

Merlot: curated online learning and support

materials: www.merlot.org

Breakout Rooms Discussion 1

In your breakout room, please discuss the following questions:

1. Do you use freely available online resources with your students?
2. What factors **encourage** you to seek out and use online teaching resources?
3. What factors **discourage** you to seek out and use online teaching resources?

Introducing StatSpace

StatSpace is a new online repository for teaching and learning materials in statistics that ...

- ... aims to be a one-stop-shop for online teaching resources,
- ... is searchable (by resource type, topic, author),
- ... is curated,
- ... requires resources to be “wrapped” for the end-user,
- ... enables peer review and feedback,
- ... permits “instructor-only” content, and
- ... is multilingual.

Breakout Rooms Discussion 2

In your breakout room, please discuss the following questions:

1. What factors would **encourage** you to submit your own resources to an online repository?
2. What factors would **discourage** you to submit your own resources to an online repository?

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