Creating Video Lectures

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Video Lectures

• Why do students need them?
  – Easy to access anytime
  – Learn whenever they want
  – Learn at their own pace
  – Easy to deliver
  – Opportunity for self-study
  – *Chance for self-testing* *(an take a look at your presentation skills to find out what can be improved)*
Resources for Video Lectures

• Hover Camera
• Camtasia
• Xbox

I am sure there are plenty more out there…
Hover Cam

- This is similar to the classroom document camera
- It basically helps mirror visuals on the document to your computer
- Then use *Camtasia* or *Xbox* to capture your voice and also record the video
Camtasia and Xbox

• Camtasia is a high-definition, simple to use video editing software
• To make a video, Camtasia records the screen of your computer and any audio in the background
• Similar to Camtasia, Xbox also offer a powerful tool for making videos
Getting Started – Camtasia Interface
Click on Record – to record a new video
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A small window of Camtasia pops up at the bottom right of your screen.

Gives you an opportunity to set your screen to the document you want to capture.

Hit ‘rec’ or “F9” to start recording your screen and “F10”

Learning Objectives

- Given a study, identify potential confounding variables
- How they are related to both the explanatory variable and the response variable is such a way that its effects on the response variable cannot be separated from the effects of the explanatory variable
- Explain why your potential confounding variable meet the definition of a confounding variable.
You can
• rename saved videos
• view locations of saved videos
• Delete etc
Sharing Videos
Hover Cam – It comes with a document folder containing the installing file.
Hover Cam Home Interface

Video
Present, teach, or demo with a projector; annotate and record a video.

Scan
Capture high resolution still images in JPG, PNG, PDF or other formats.

Connect
Share your design or ideas with annotated video conferencing or screen sharing. (Trial Use Only)

Archive
File your images in folders and binders; upload to Evernote or Dropbox.

www.thehovercam.com
Once this interface is open, you can jump out of it to open up Camtasia video recording.
To start recording,

Open up the **Xbox Game Bar** using "**Win + G**"
Confounding Variables

- A *confounding variable* is a variable that is related both to the explanatory variable and to the response variable in such a way that its effects on the response cannot be separated from the effects of the explanatory variable.

- In other words,
  1. *a confounding variable* is associated with the explanatory variable; and
  2. *a confounding variable* potentially has an effect on the response variable.

- BOTH components have to hold for it to be a confounding variable.

- Presence of a confounding variable forces the researcher to analyze the results incorrectly.
Xbox – Saved Videos

Game DVR

On this PC  On Xbox Live

By date  Everything  

9/21/2017
PowerPoint Slide Show - 00:19

9/7/2017
2. Calculating Probabilities PowerPoint Slide Show - 04:36
Probability - Two-Way Tables PowerPoint Slide Show - 10:03
PowerPoint Slide Show - 01:45
PowerPoint Slide Show - 00:06
PowerPoint Slide Show - 00:09

Things that Impact Strength of Evidence

COURSE: STAT 216
INSTRUCTOR: NNAMDI EZIKE
DATE: 2ND FEBRUARY, 2017

Title
PowerPoint Slide Show - STAT 216 - 1.4 (What Impacts Strength of Evidence)

Game
PowerPoint Slide Show - STAT 216 - 1.4 (What Impacts Strength of Evidence)
YouTube

- You can upload your visits on your YouTube channel or the course’s YouTube channel
  - YouTube channels are free
  - You can make it private and open it up to only those that have the links
  - It can also be open to the public
  - *People make cool cash from YouTube too 😊*
Questions & Comment