Explain Everything an easy-to-use app for teaching remotely

Dr. Michelle Carey

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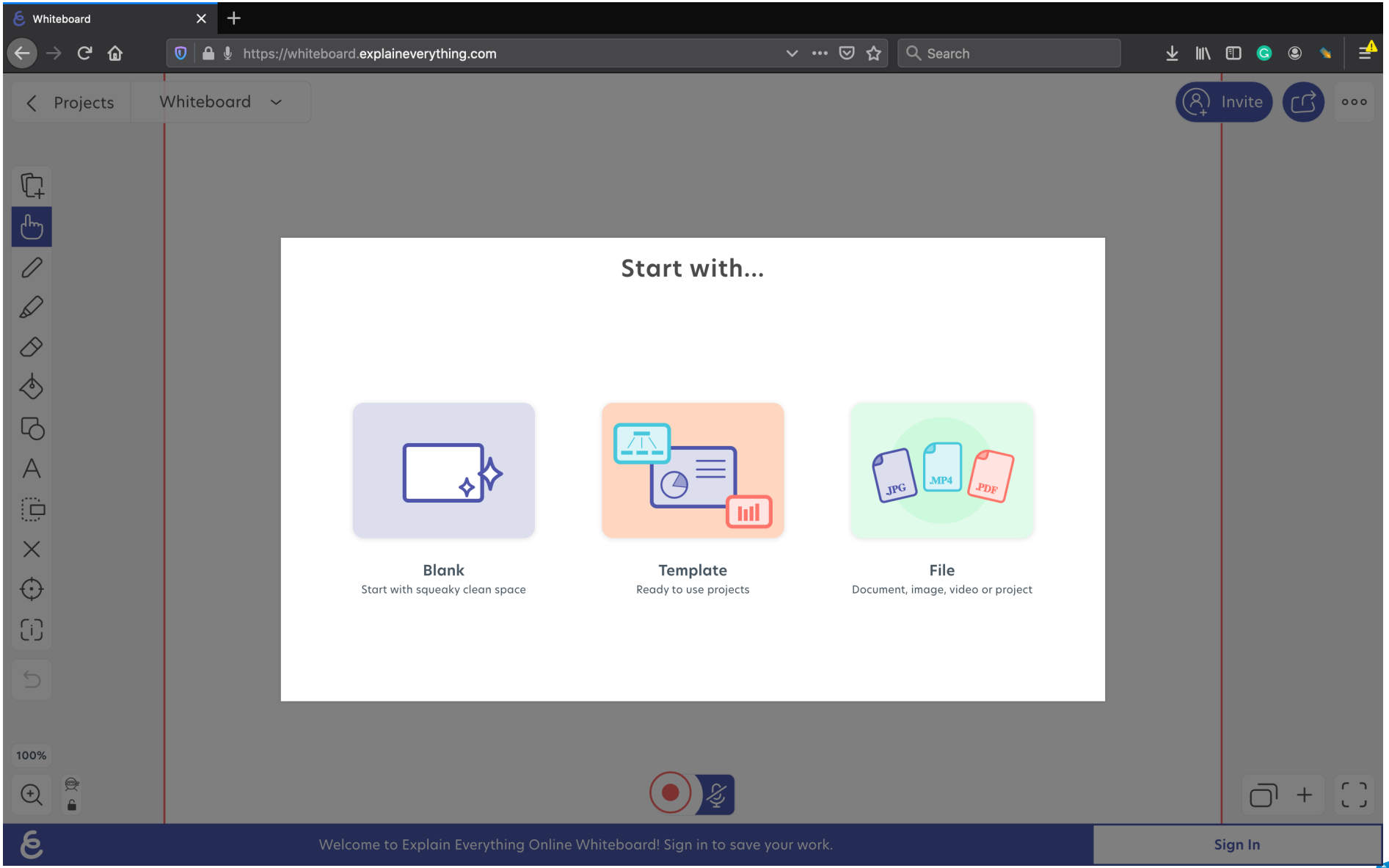

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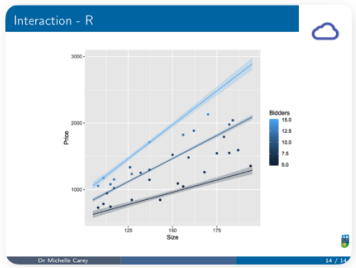
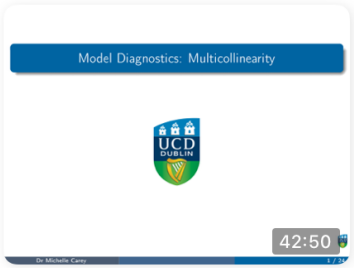


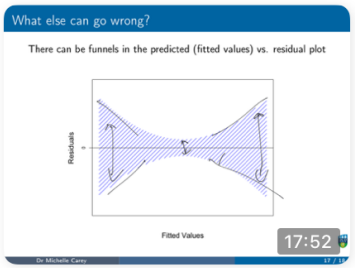
Interactions

9 Mar 2020



Multicollinearity

22 Oct 2019



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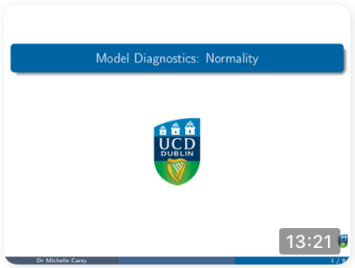
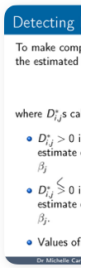
22 Oct 2019



Diagnostics

29 Oct 2019



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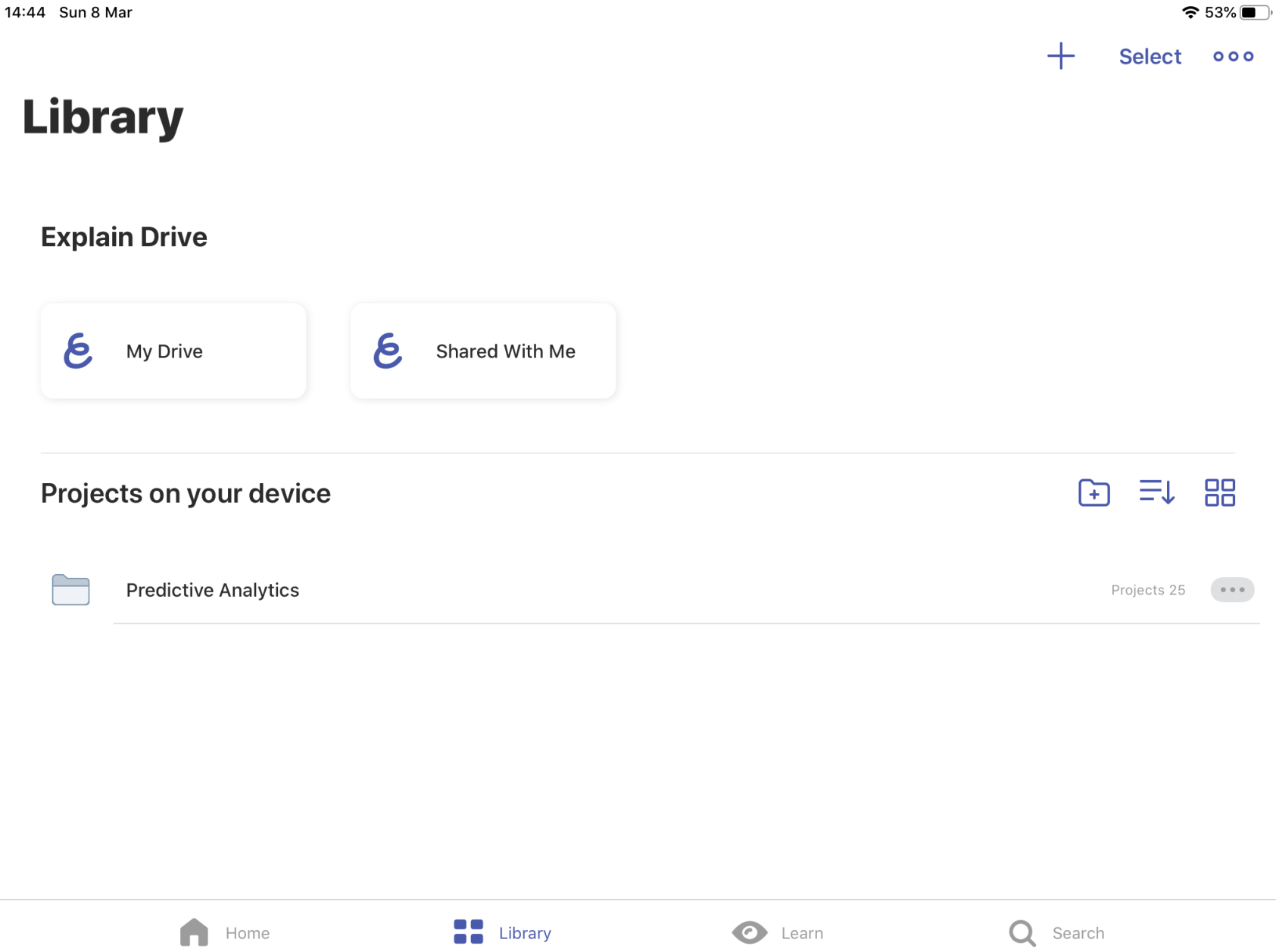
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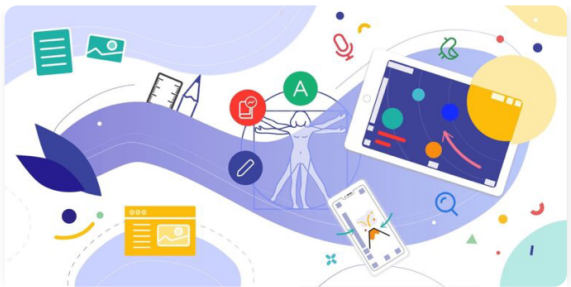

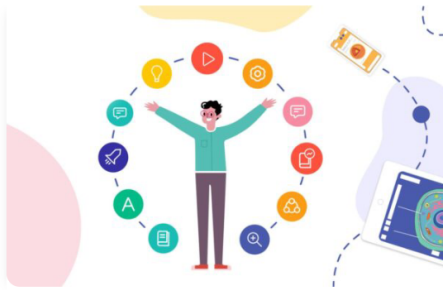

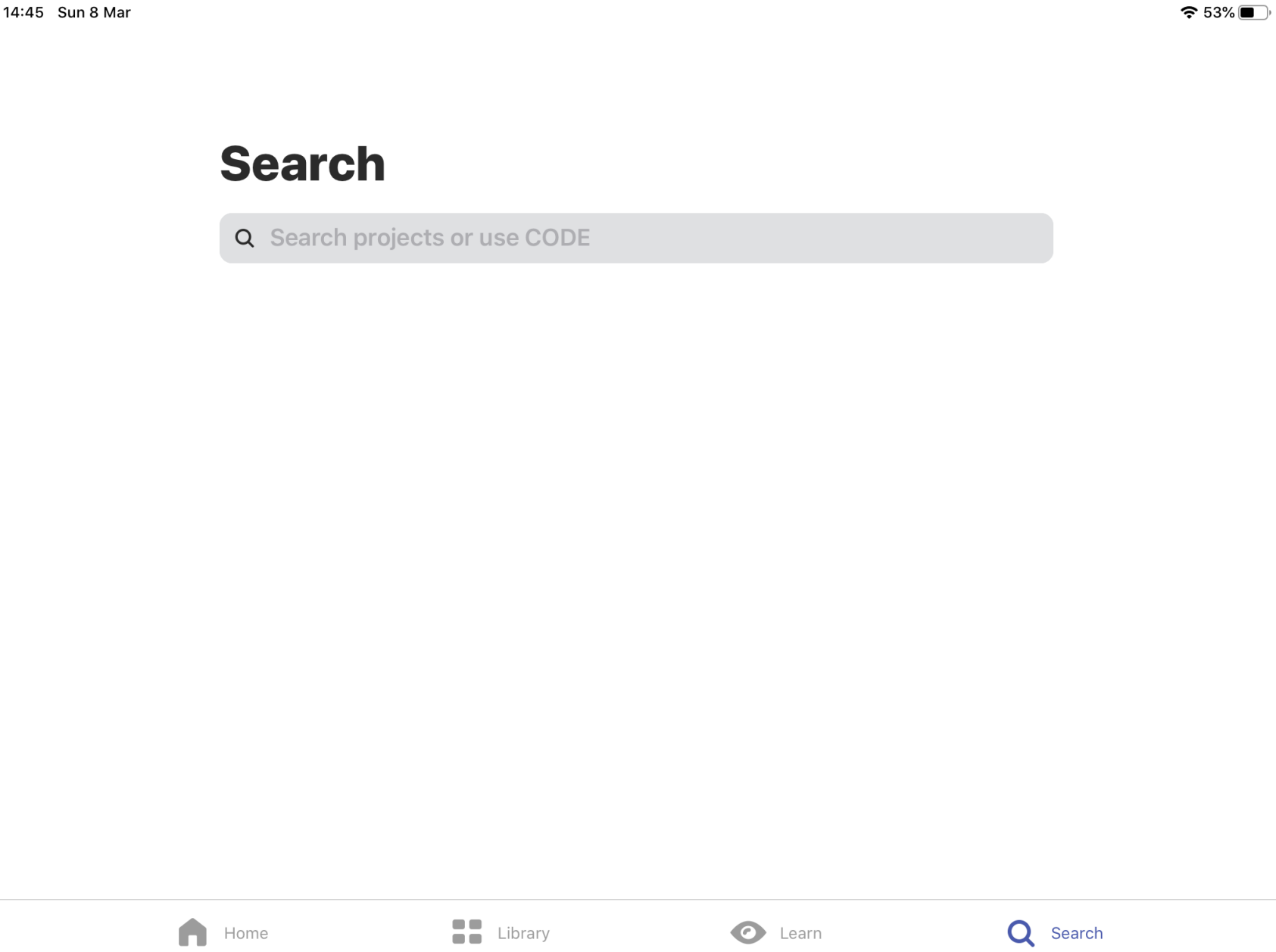
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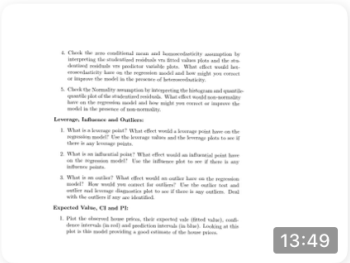

Assignment

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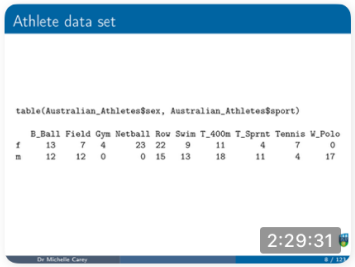

Athlete Example

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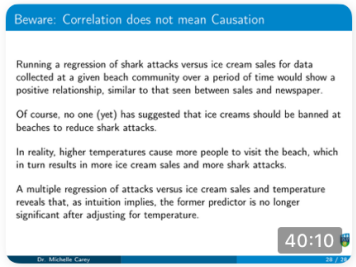

Intro

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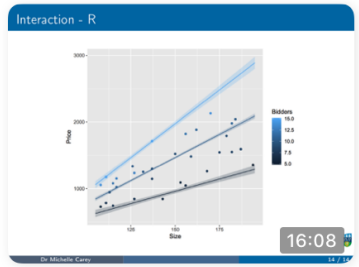

Interactions

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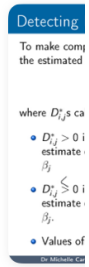

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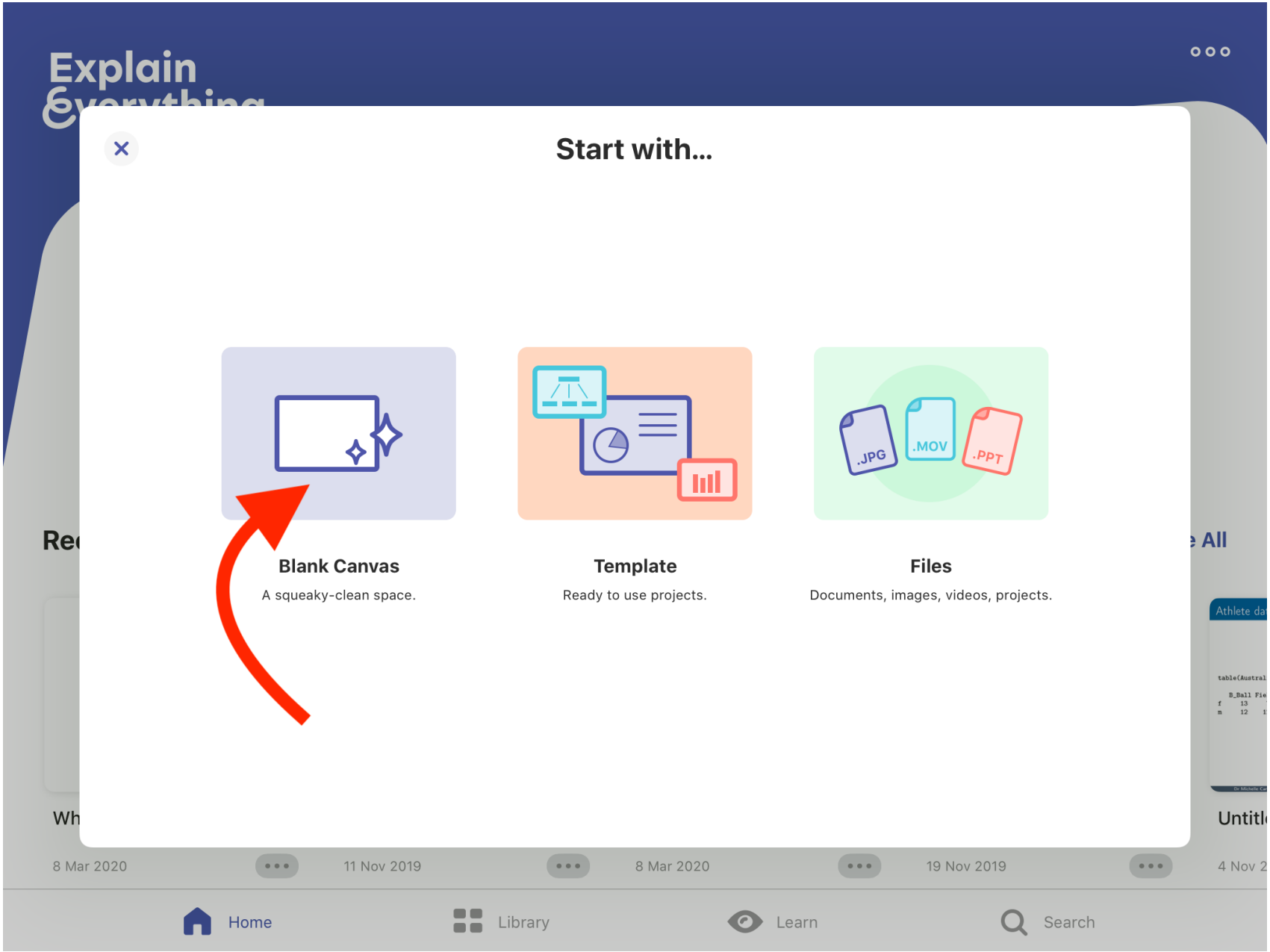
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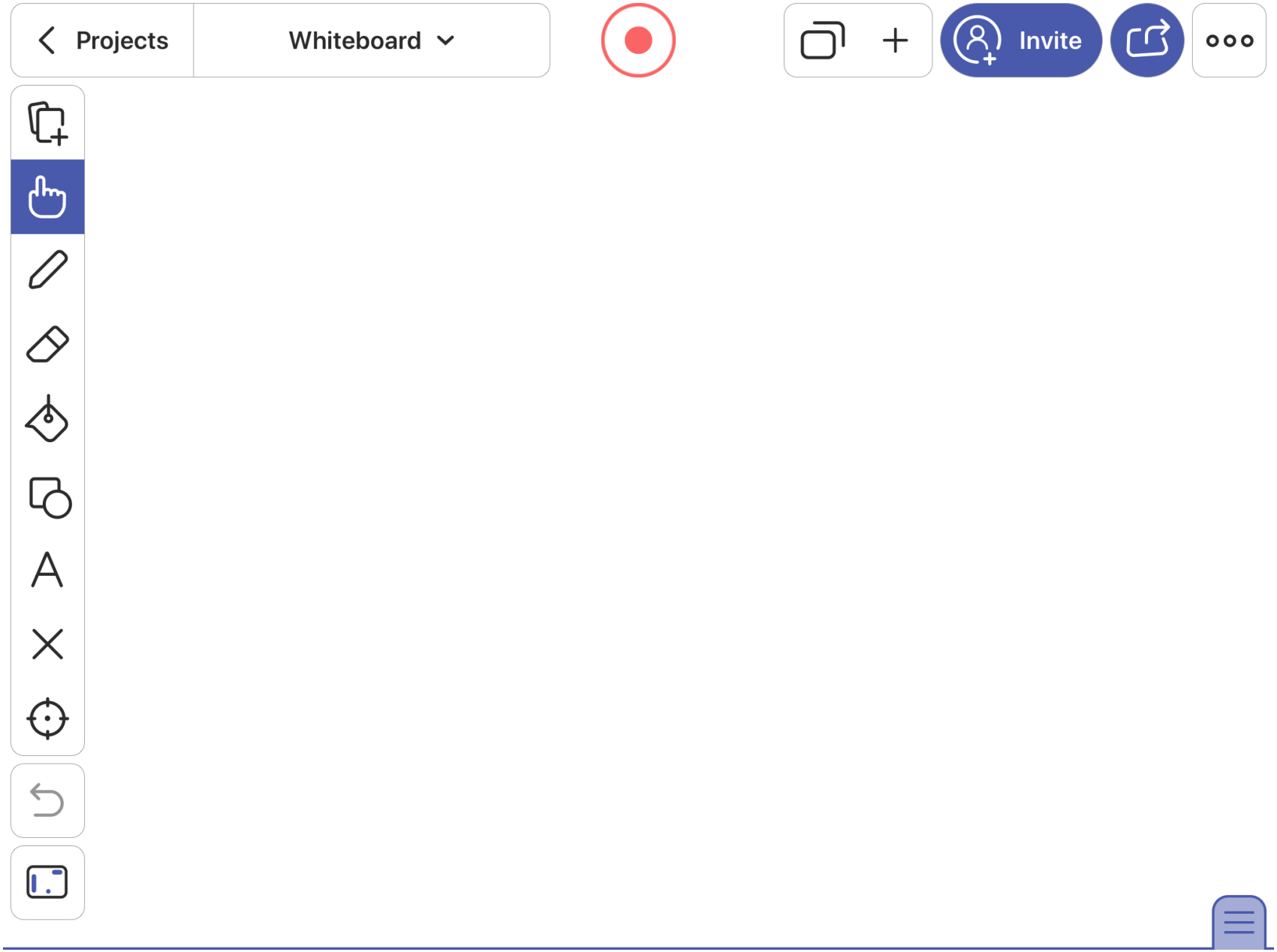
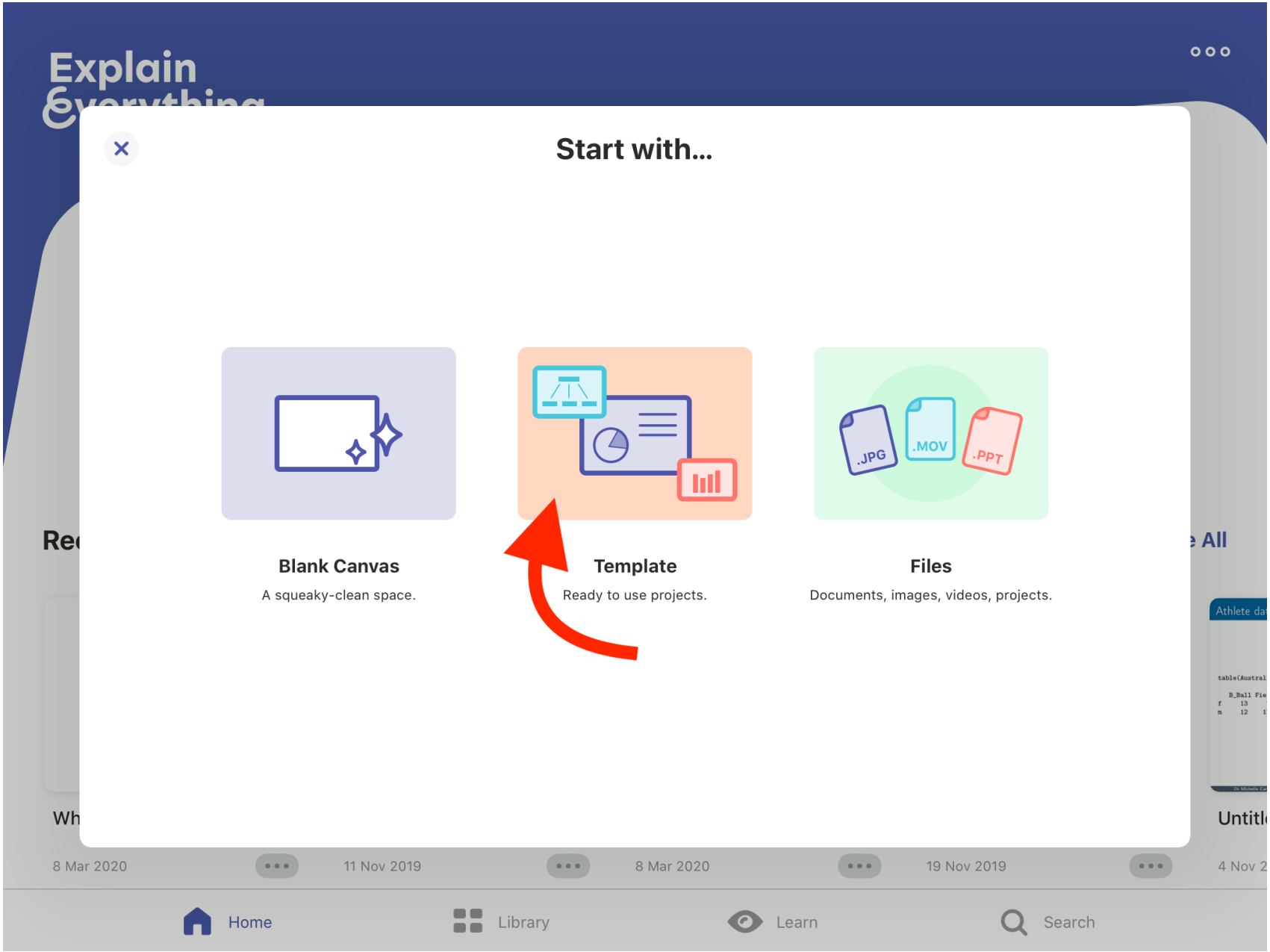

Projects
Whiteboard
Invite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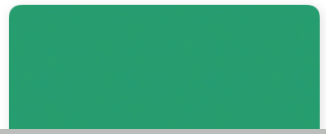

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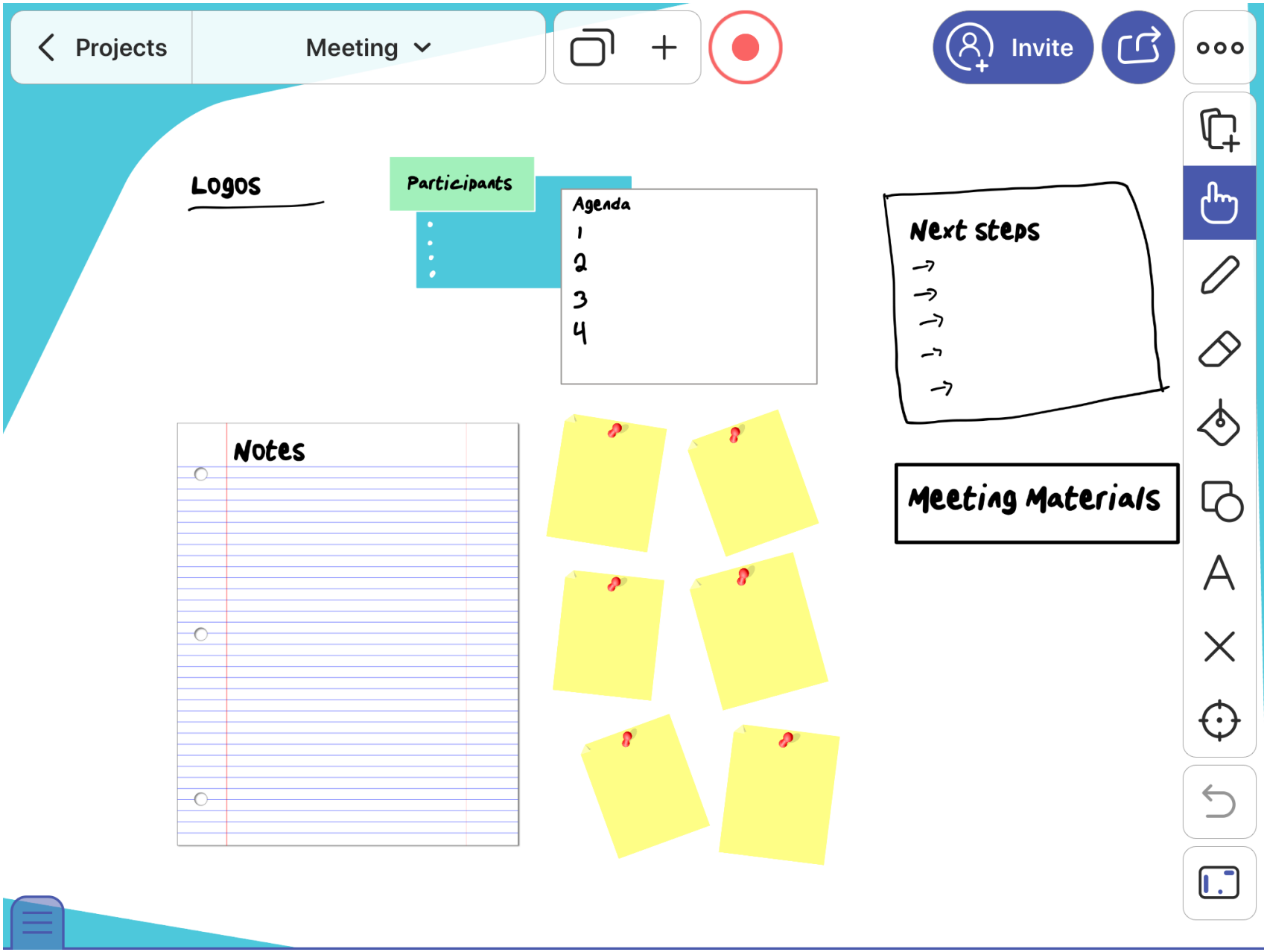
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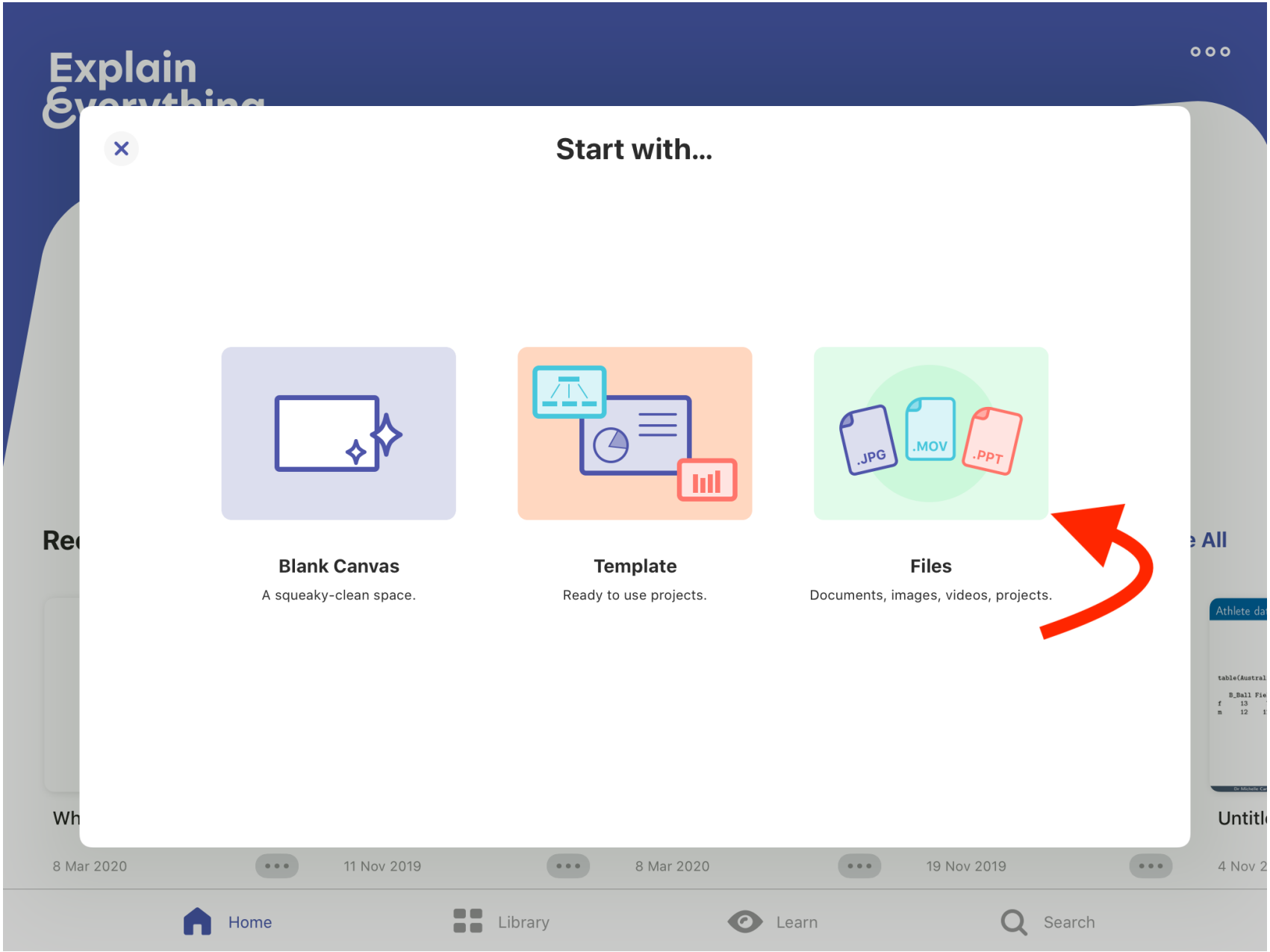
Meeting Materials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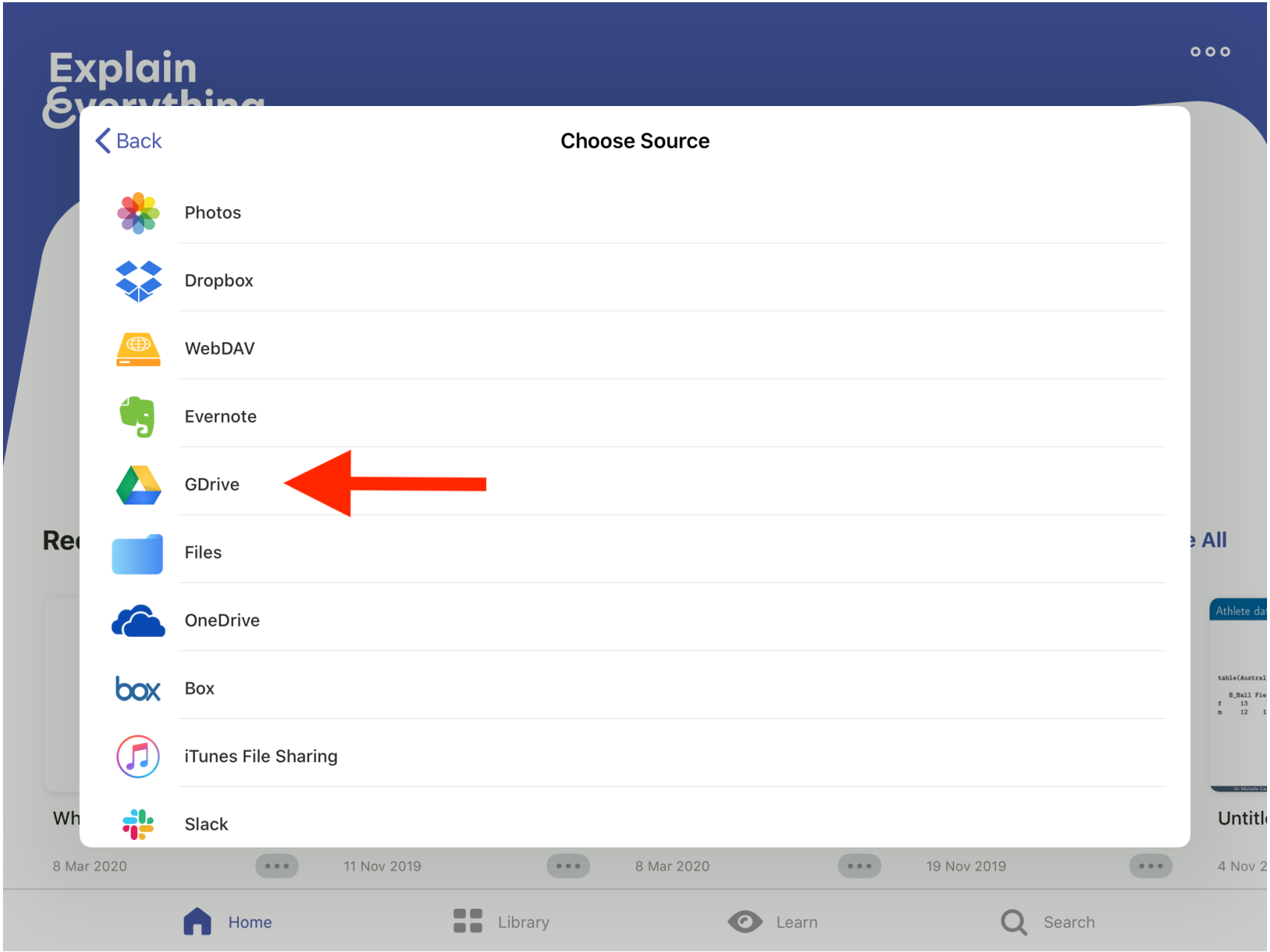
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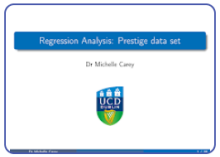

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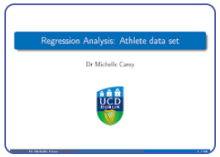

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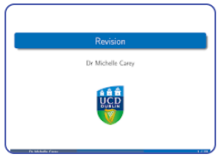

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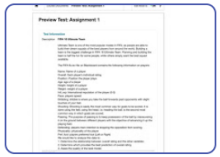

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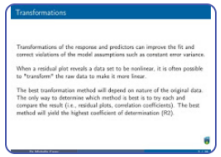

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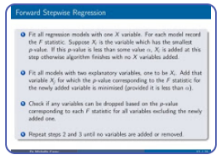

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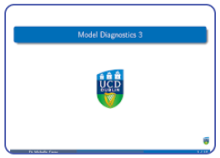

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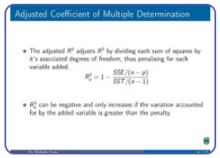

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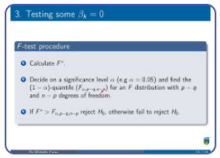

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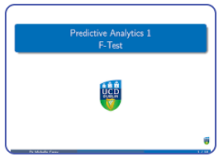

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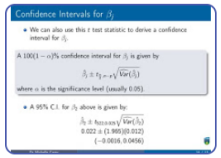

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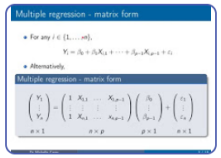

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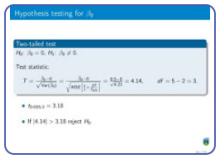

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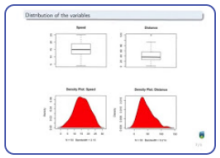

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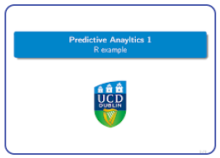

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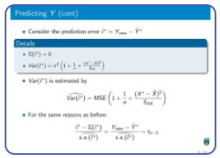

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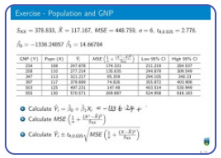

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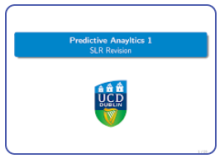

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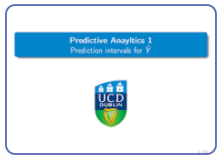

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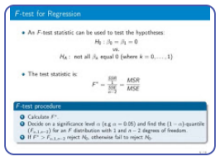

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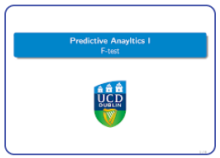

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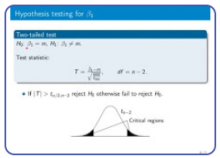

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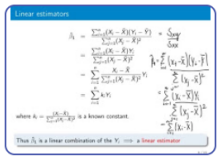

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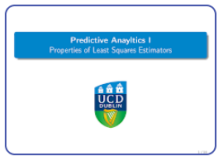

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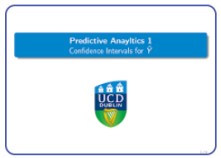

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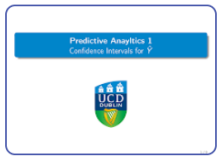

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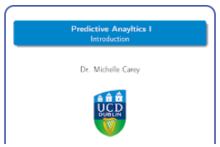

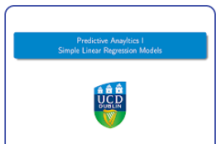

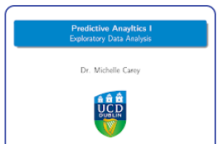

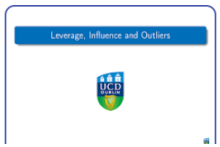

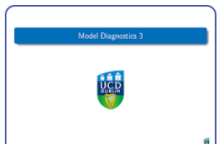

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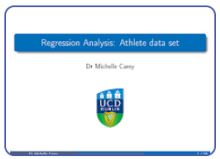

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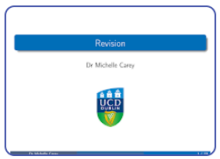
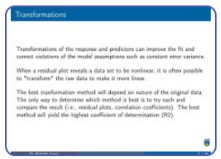


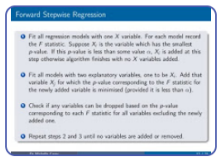
Week11.pdf


Assignment1.mp4


Preview Test-Assignment 1 – P...



Week8b.mp4



Week8a.mp4

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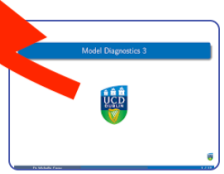

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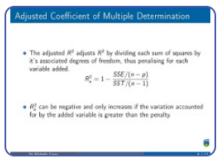

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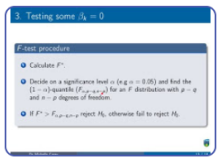

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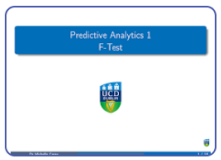

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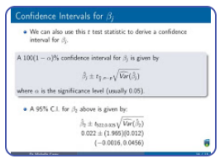

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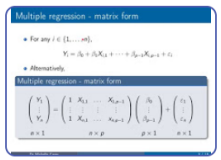

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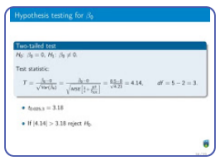

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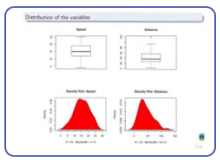
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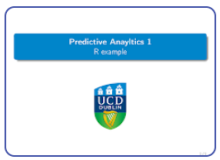
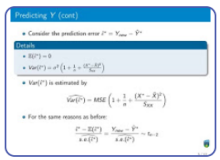


Lec4b_Rexample.pdf



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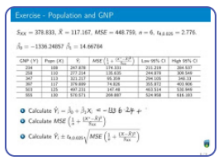

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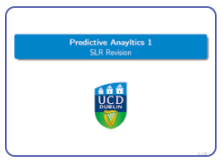

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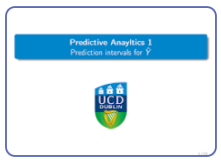

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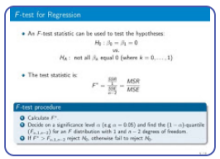

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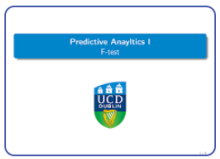

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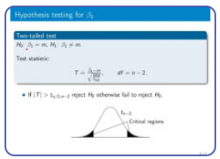

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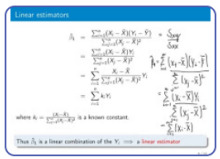

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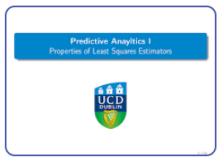

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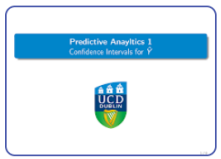

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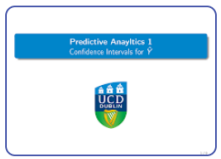

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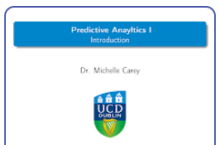

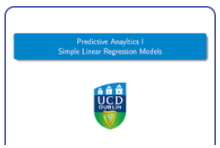

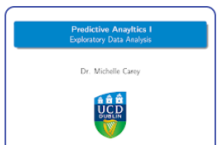

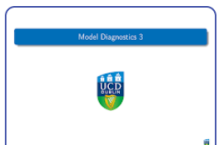

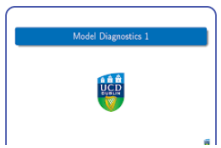

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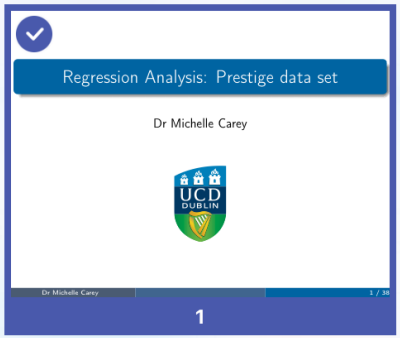

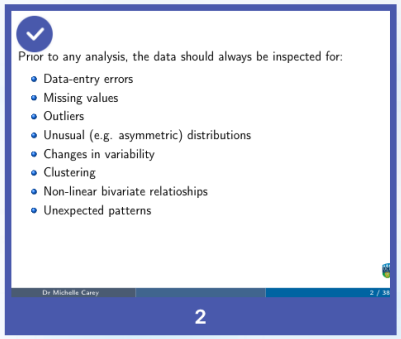

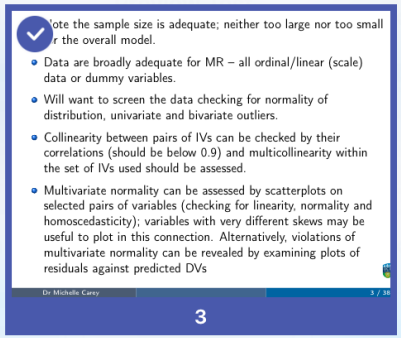

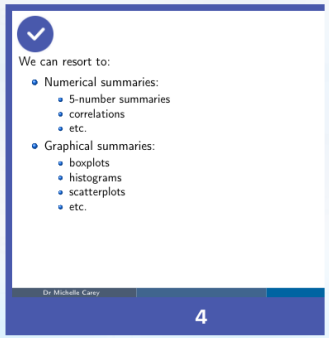

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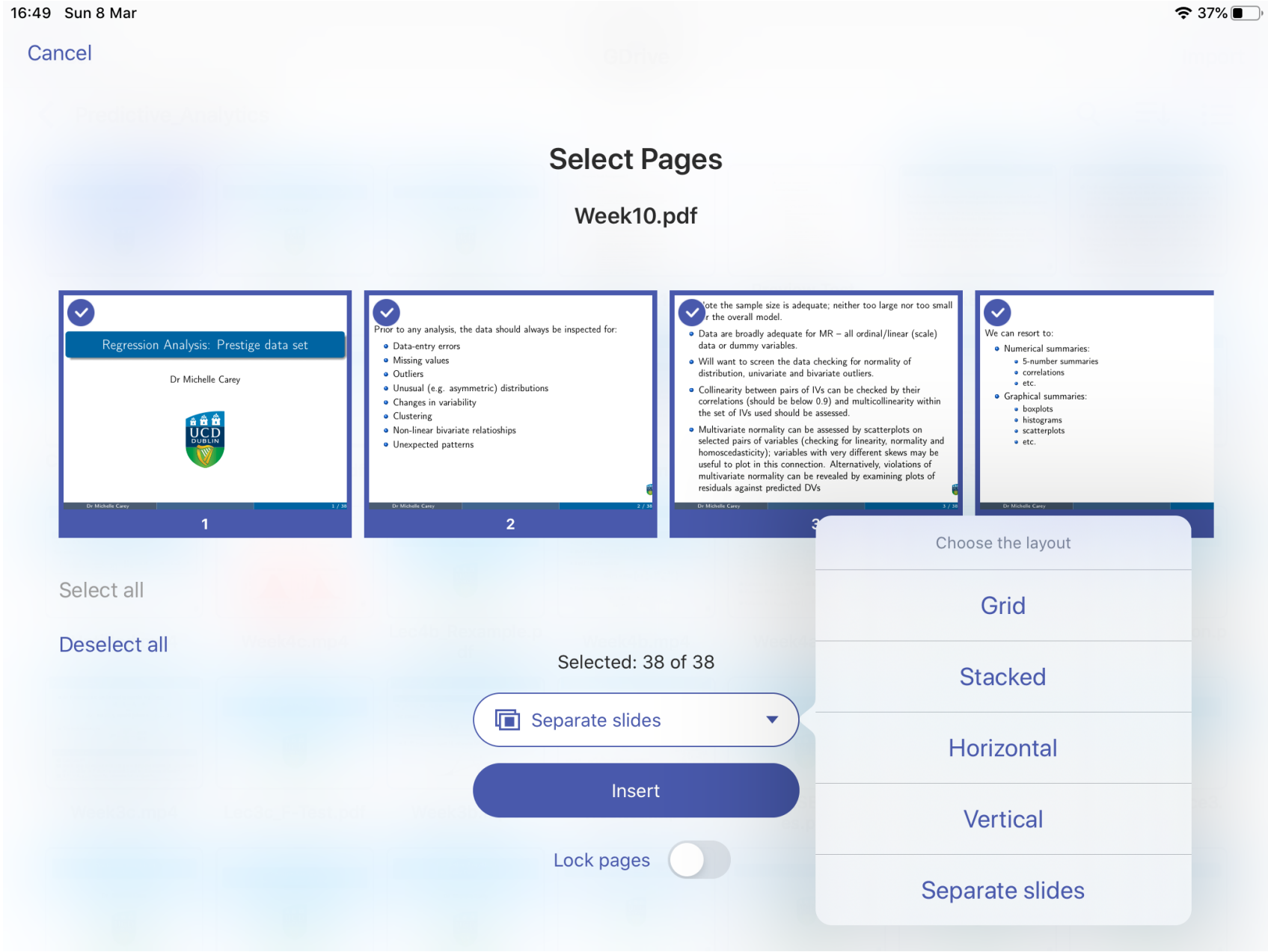
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Week10.pdf
Regression Analysis: Prestige data set
Dr Michelle Carey
1
Prior to any analysis, the data should always be inspected for:
Data-entry errors
Missing values
Outliers
Unusual (e.g. asymmetric) distributions
Changes in variability
Clustering
Non-linear bivariate relatioships
Unexpected patterns
2
Data are broadly adequate for MR – all ordinal/linear (scale) data or dummy variables.
Will want to screen the data checking for normality of distribution, univariate and bivariate outliers.
Collinearity between pairs of IVs can be checked by their correlations (should be below 0.9) and multicollinearity within the set of IVs used should be assessed.
Multivariate normality can be assessed by scatterplots on selected pairs of variables (checking for linearity, normality and homoscedasticity); variables with very different skews may be useful to plot in this connection. Alternatively, violations of multivariate normality can be revealed by examining plots of residuals against predicted DVs
We can resort to:
Numerical summaries:
5-number summaries
correlations
etc.
Graphical summaries:
boxplots
histograms
scatterplots
etc.
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Regression Analysis: Prestige data set

Dr Michelle Carey

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& Collaborate

Join
With CODE

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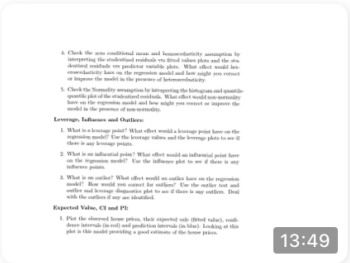
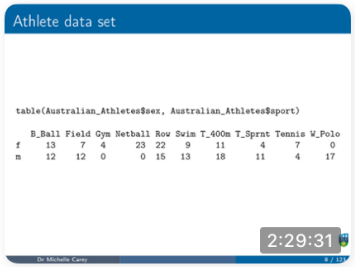


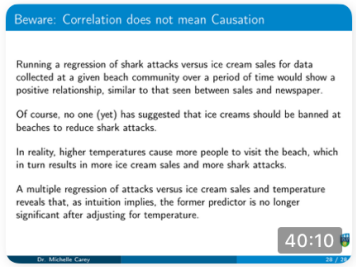
Assignment

29 Oct 2019



Athlete Example

4 Nov 2019



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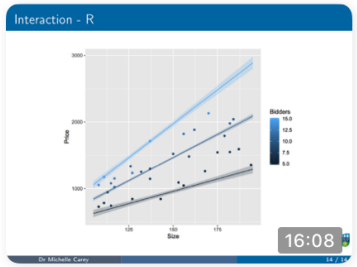
11 Sep 2019



Interactions

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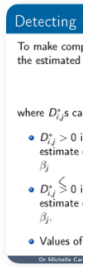

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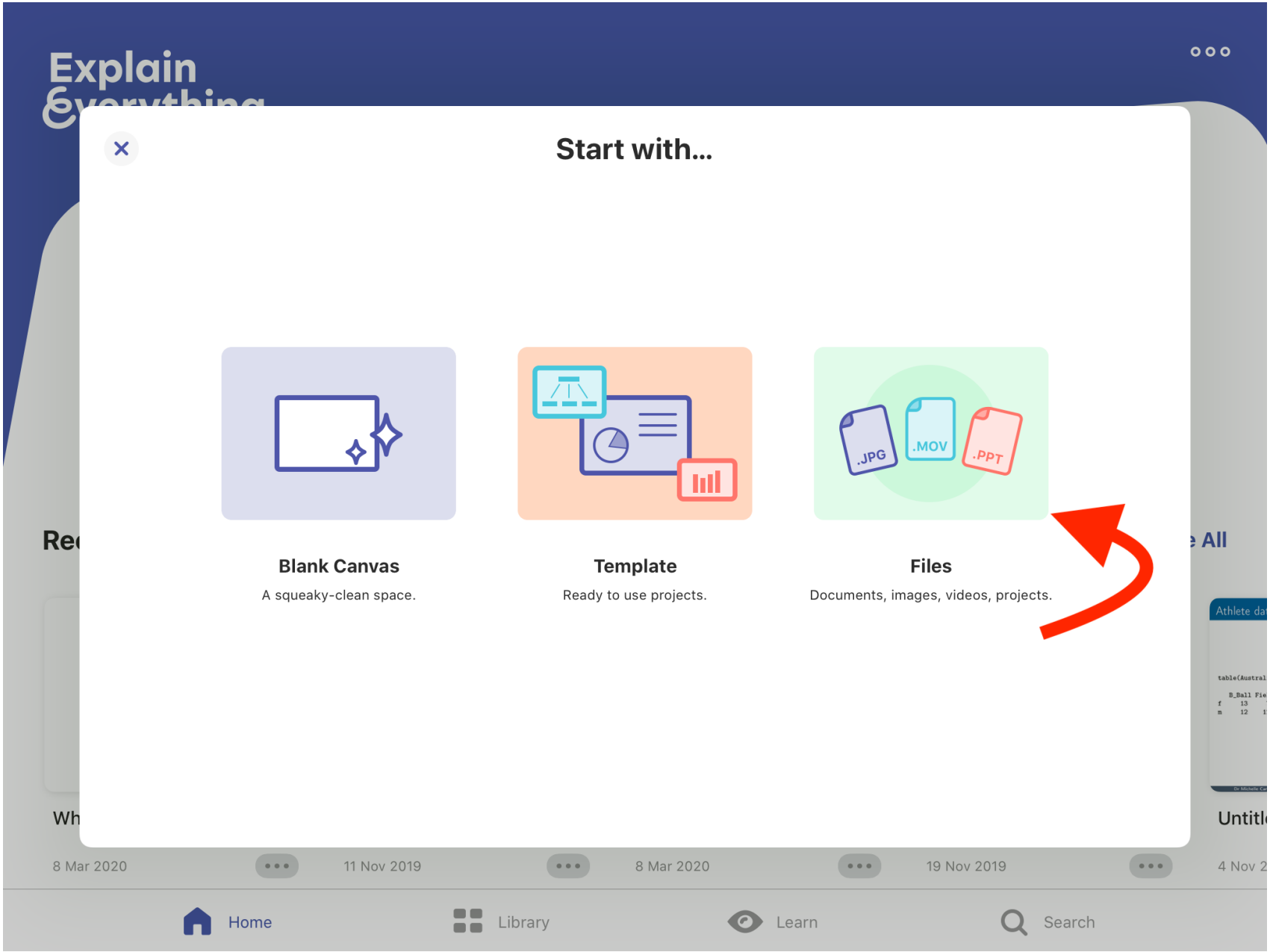
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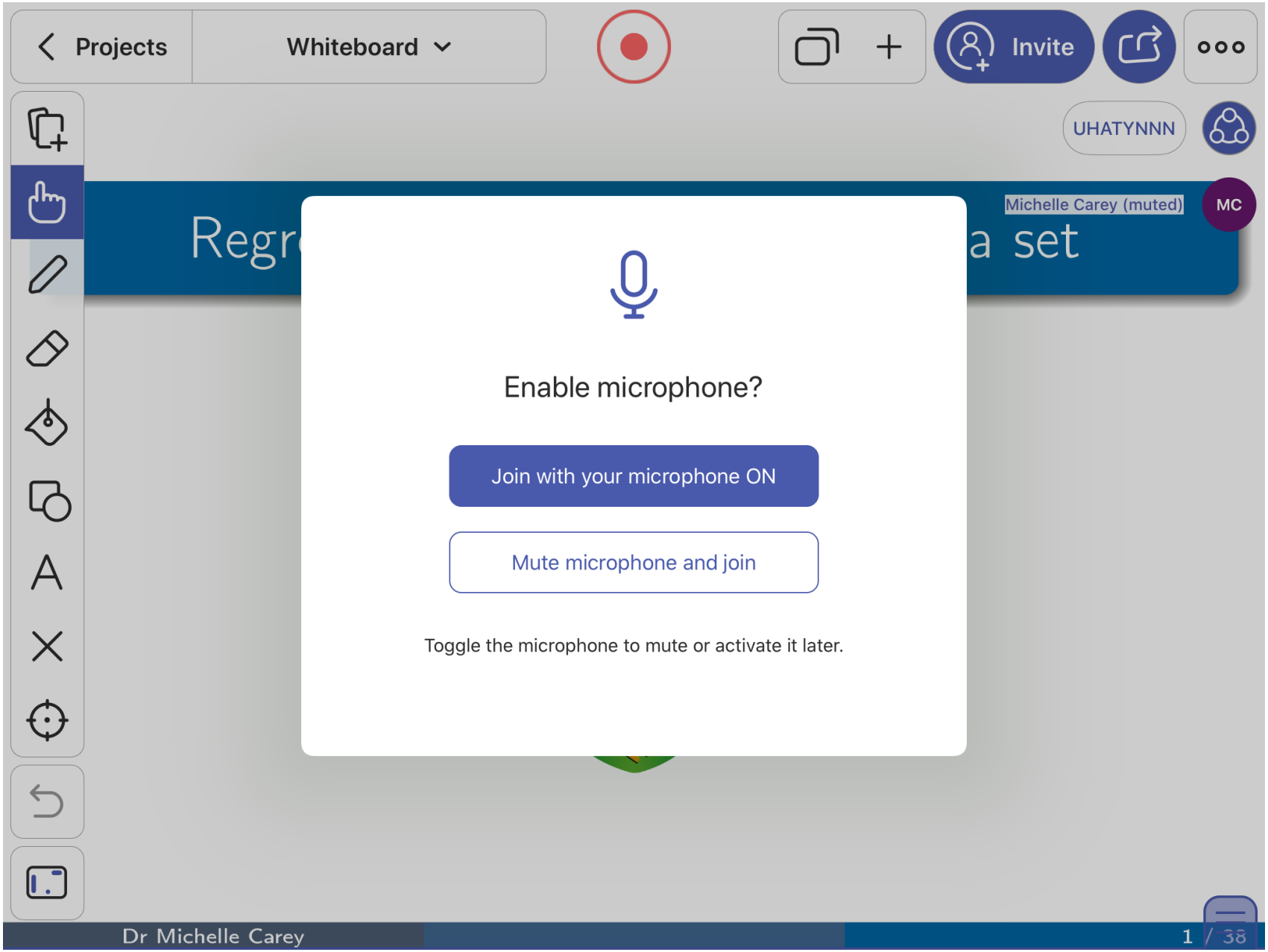
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UHATYNNN
Michelle Carey (muted)
MC
Regr
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Mute microphone and join
Toggle the microphone to mute or activate it later.
Dr Michelle Carey
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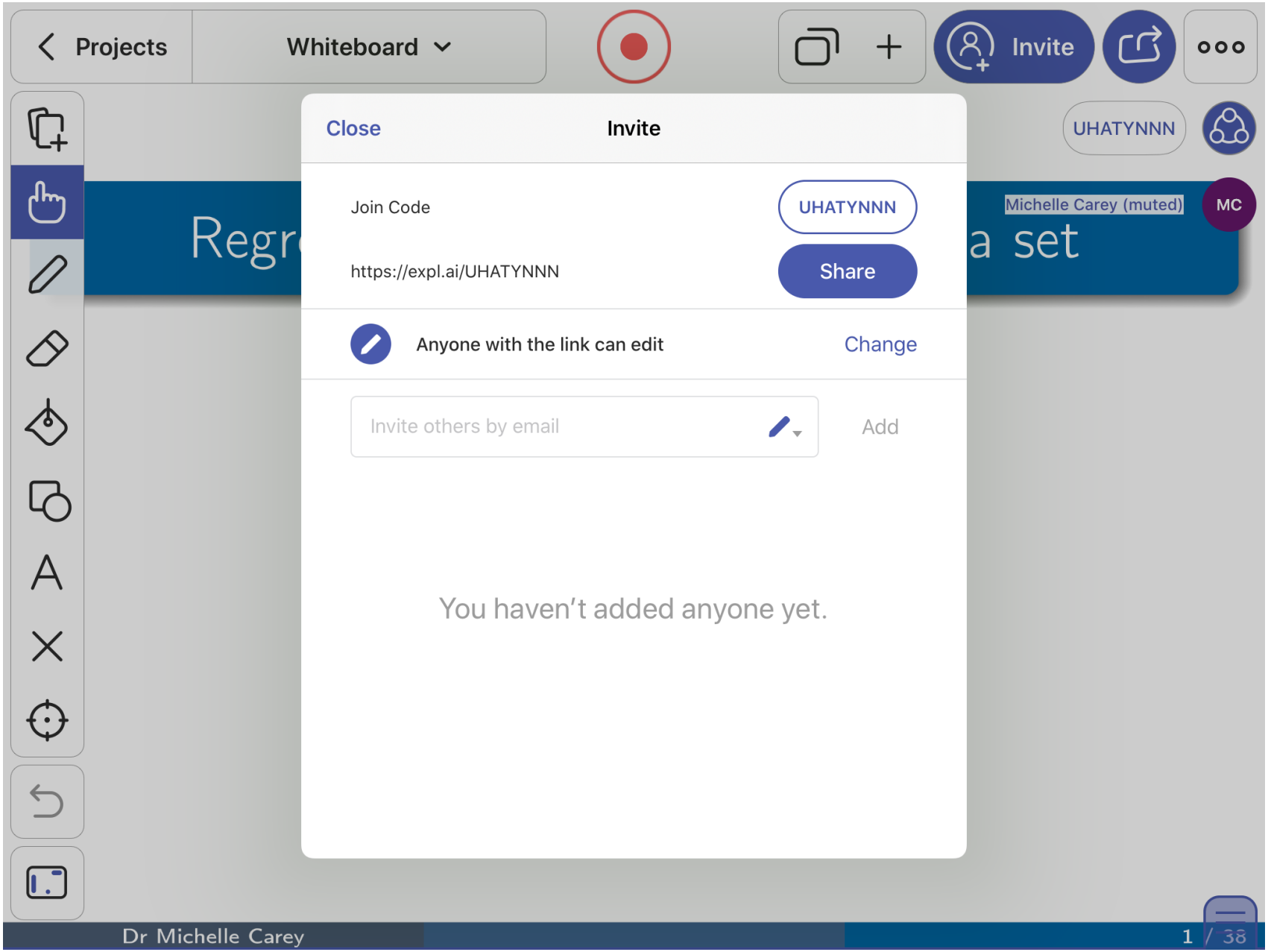
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Invite
Join Code
UHATYNNN
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Change
Invite others by email
Add
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Regression Analysis: Athlete data set

Dr Michelle Carey

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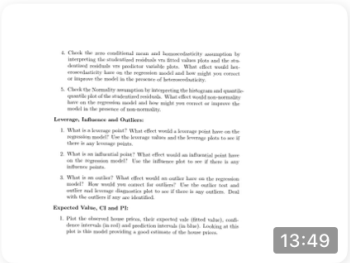

Assignment

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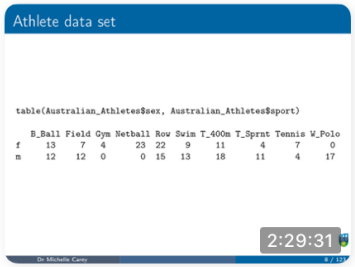

Athlete Example

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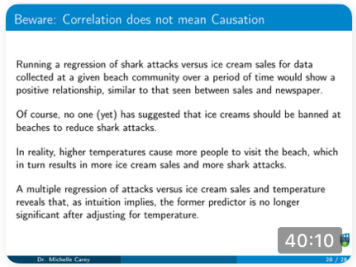

Intro

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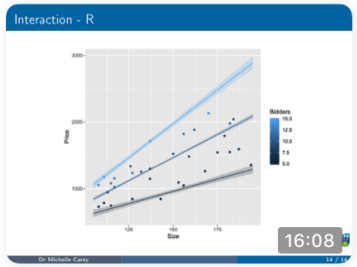

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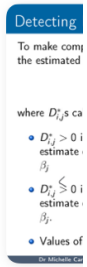

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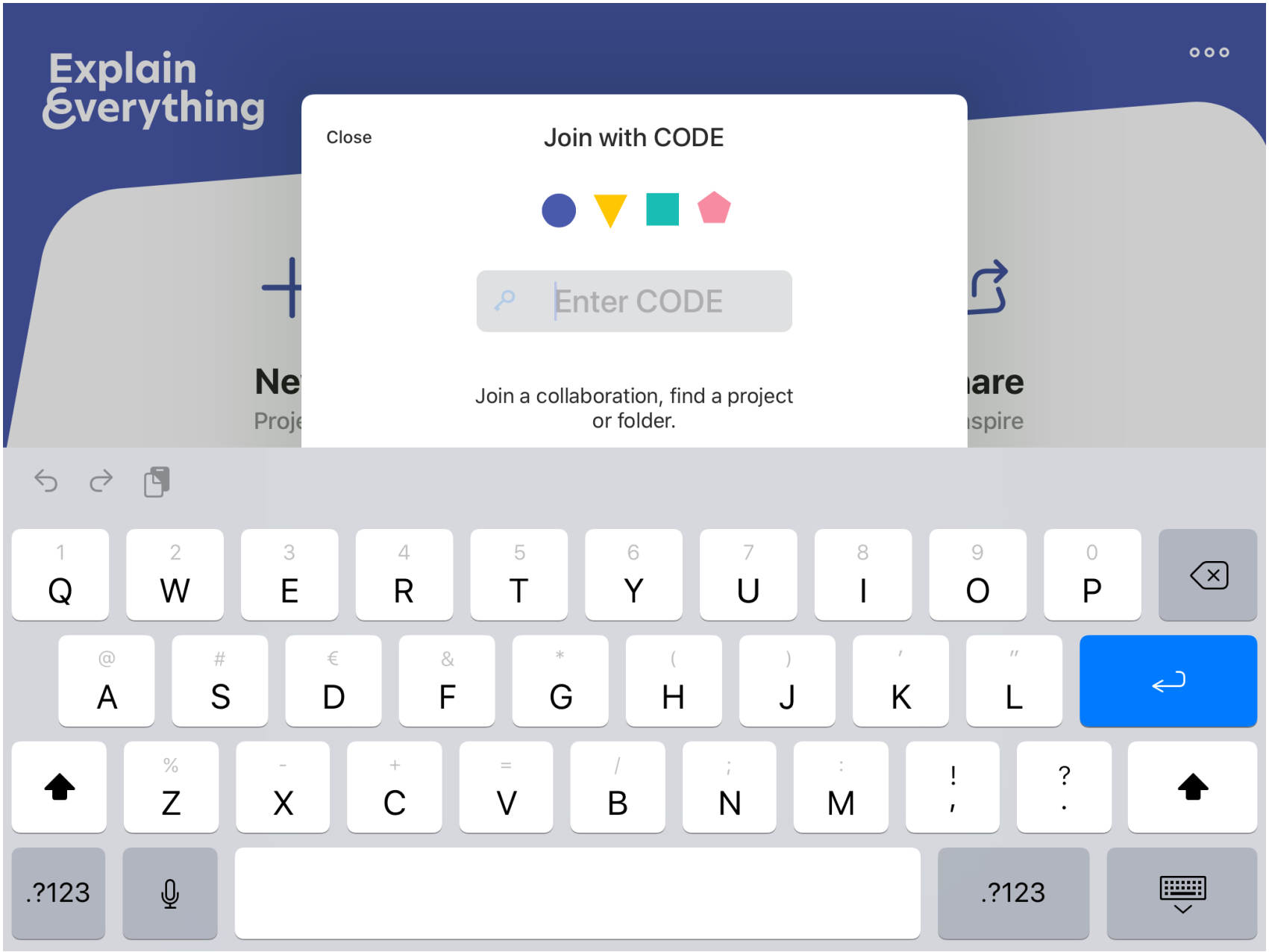
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Regression Analysis: Athlete data set

Dr Michelle Carey

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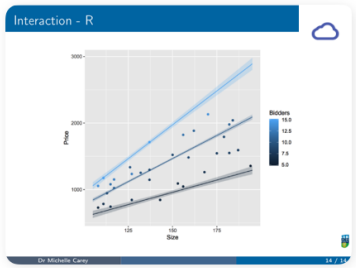

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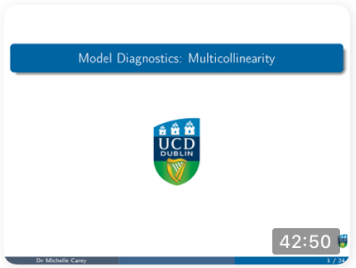

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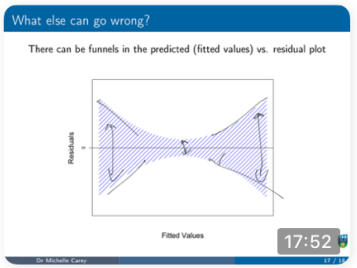

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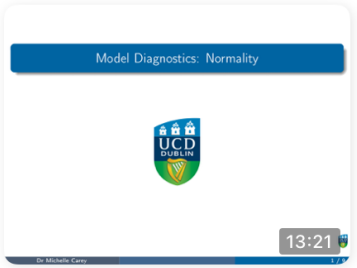

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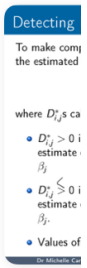

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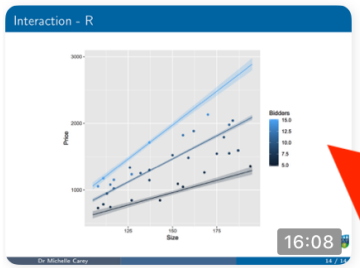

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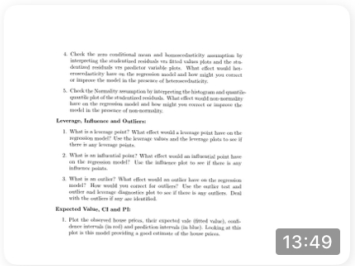

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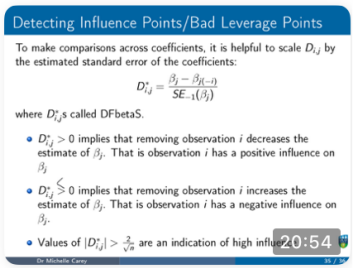

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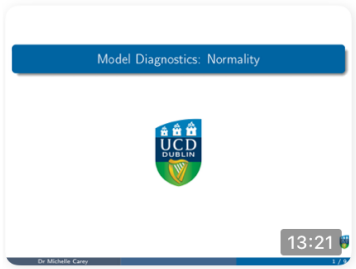

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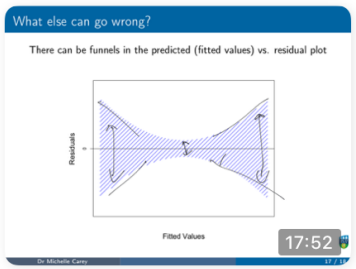

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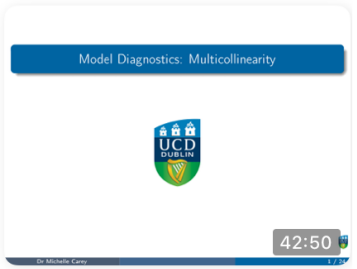

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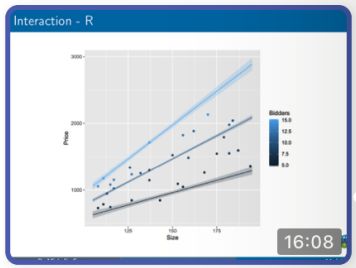

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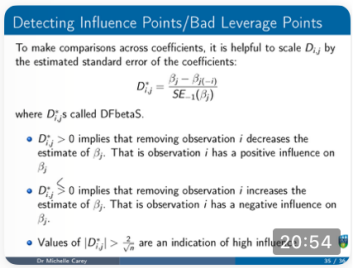

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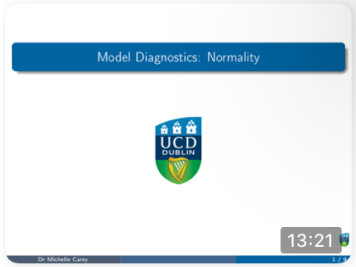

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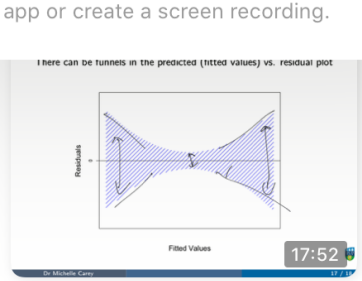

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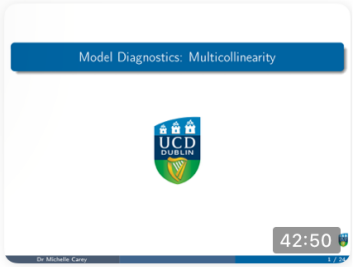

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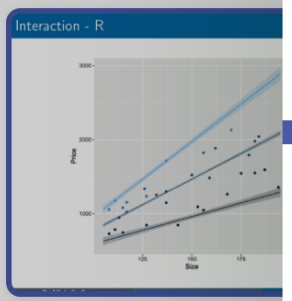

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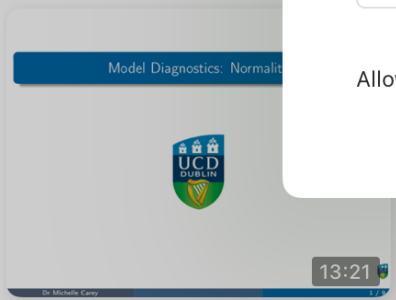

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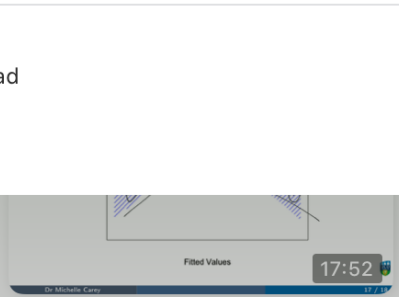

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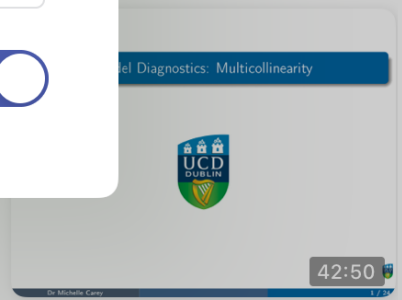

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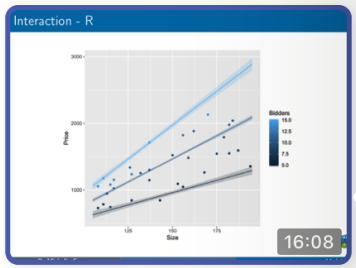

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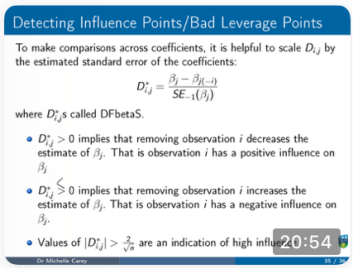

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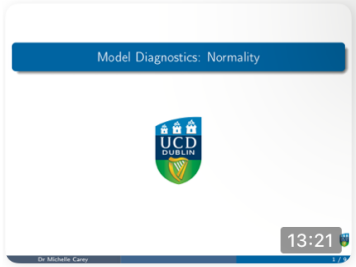

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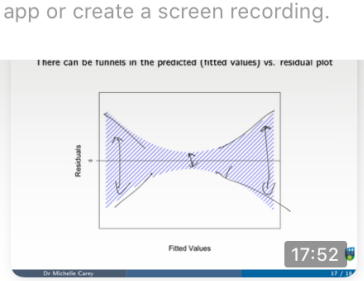

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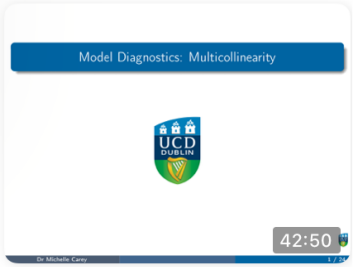

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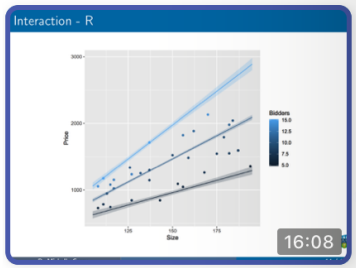

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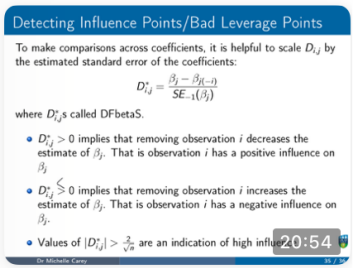

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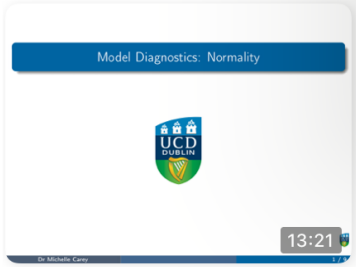

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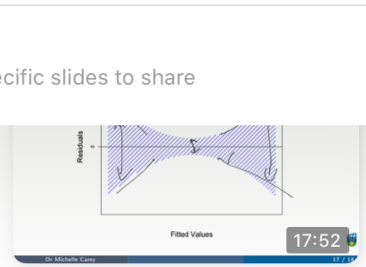

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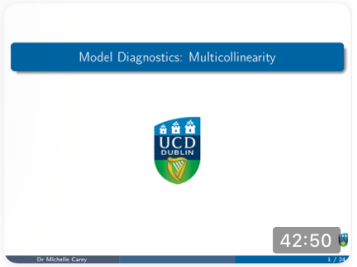

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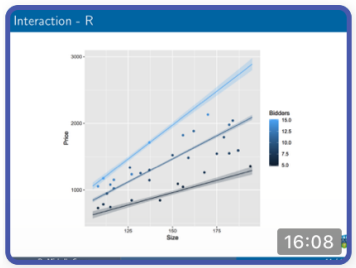

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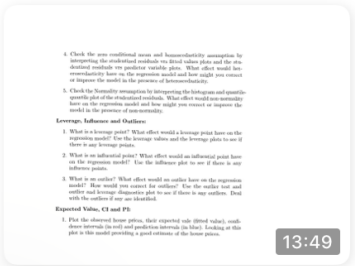

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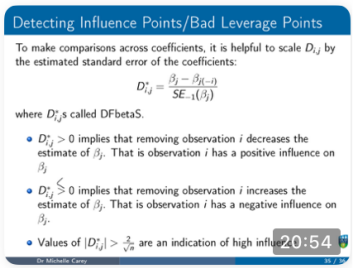

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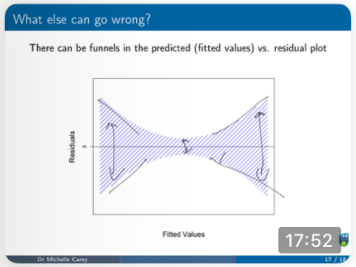

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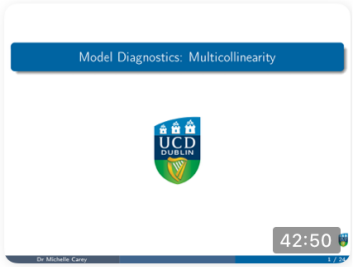

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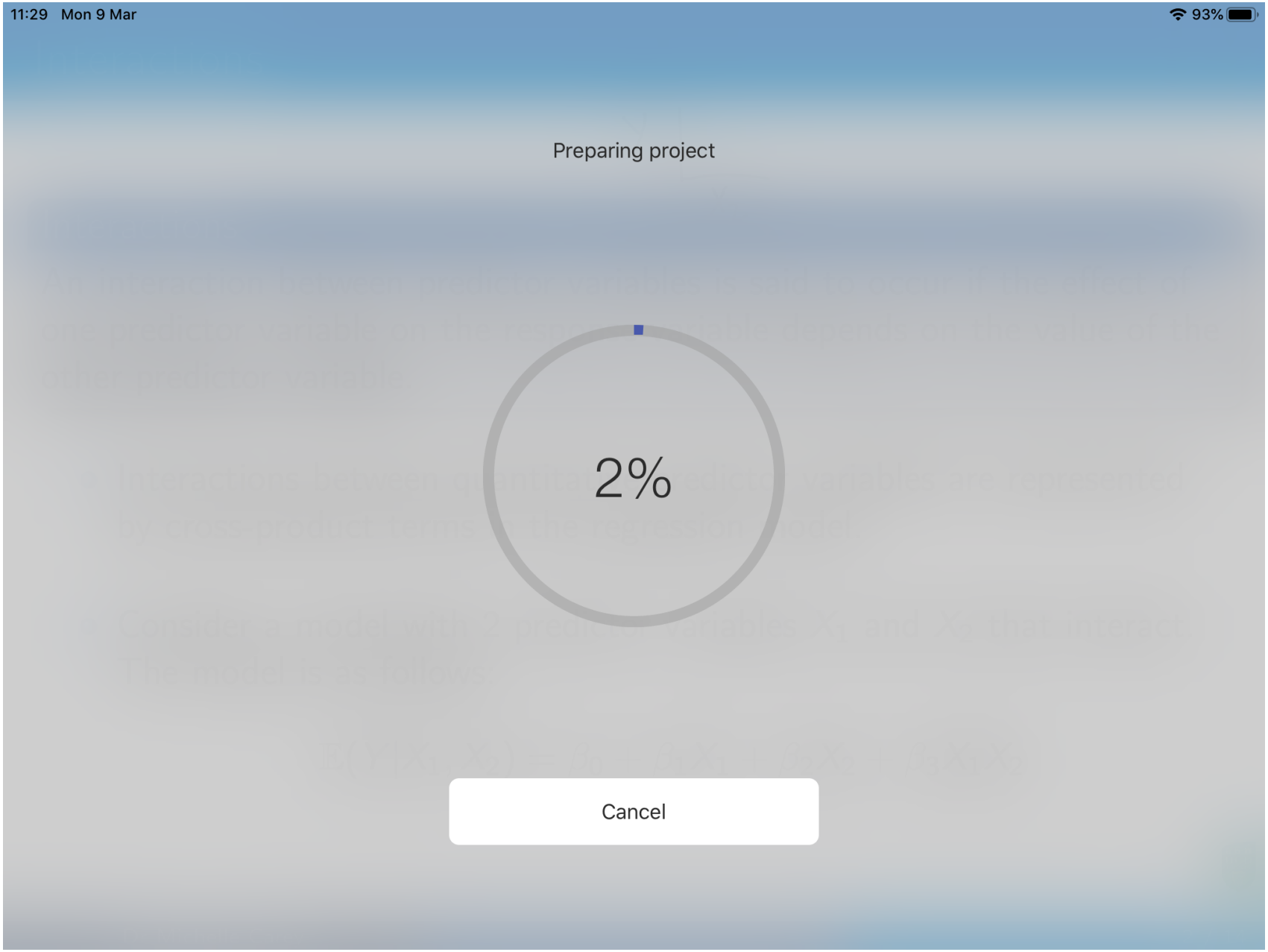
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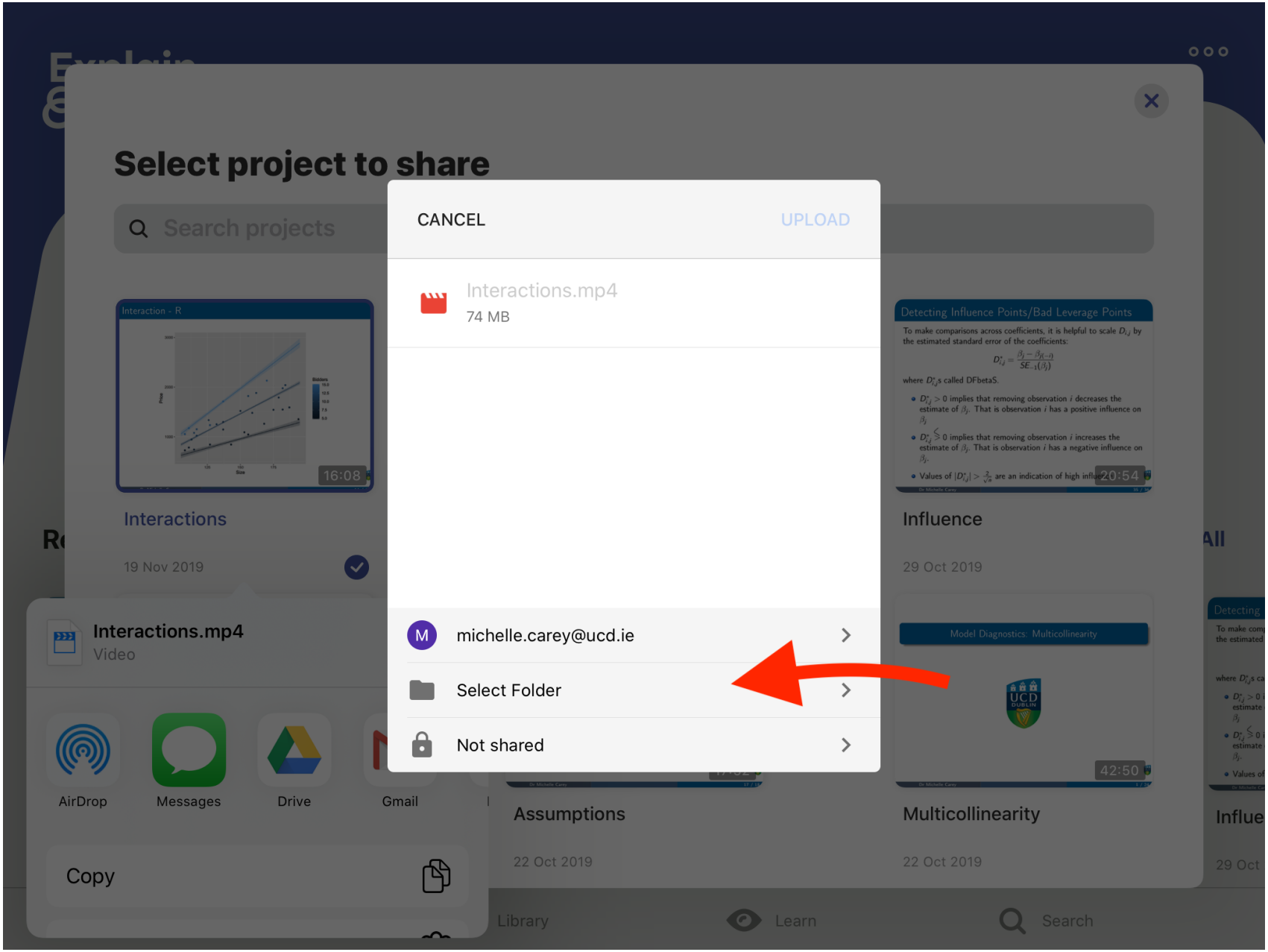
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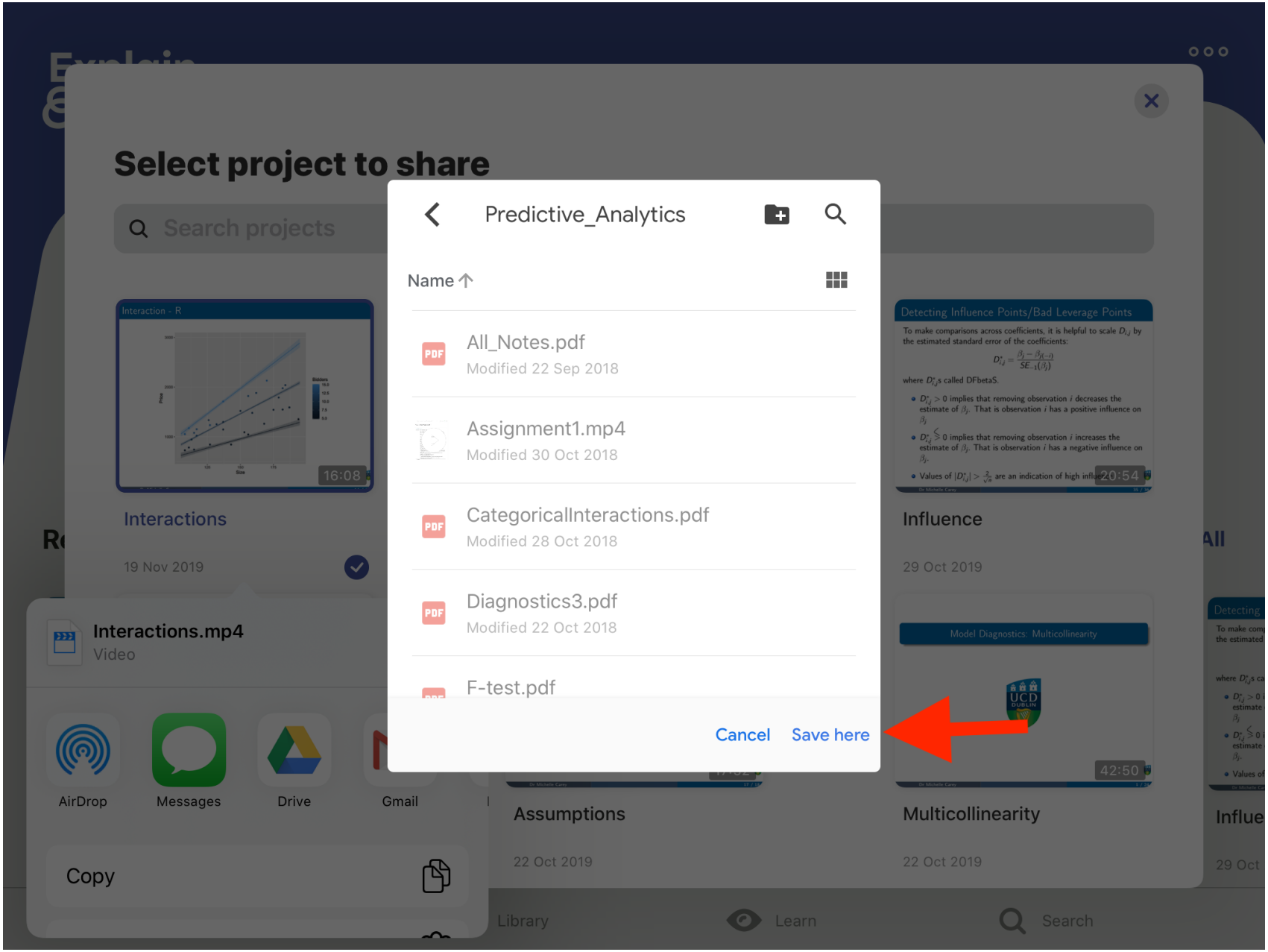
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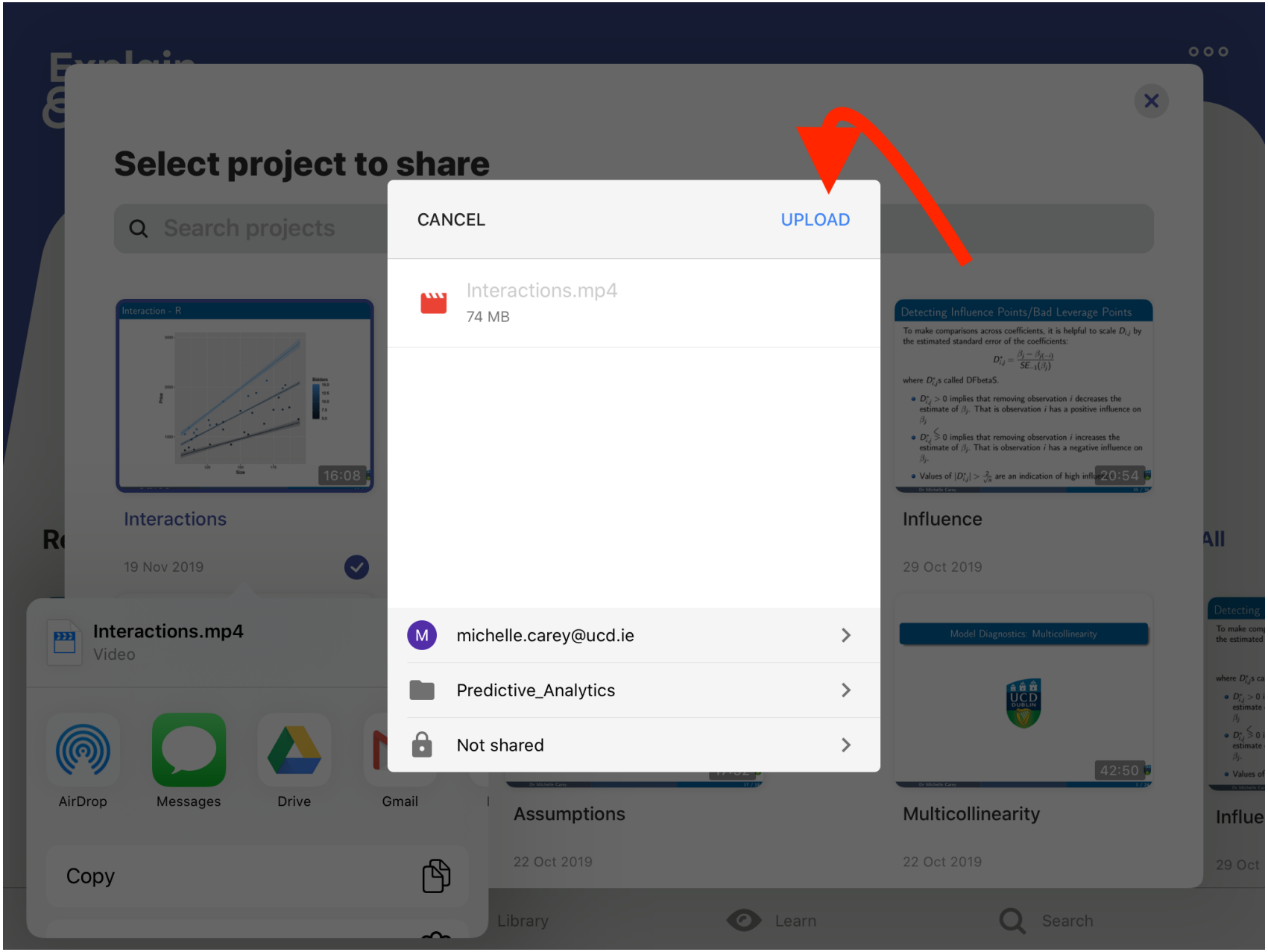
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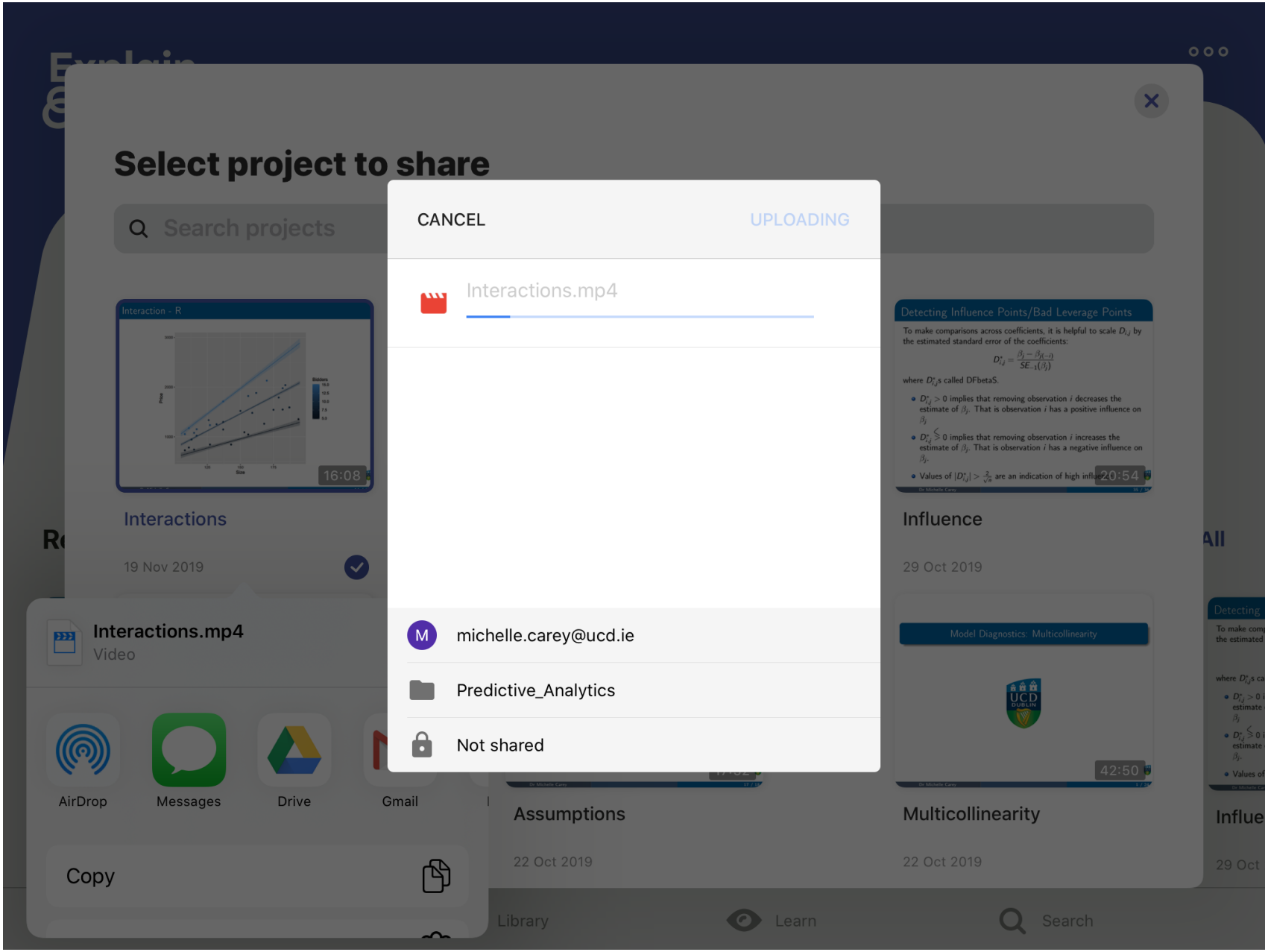
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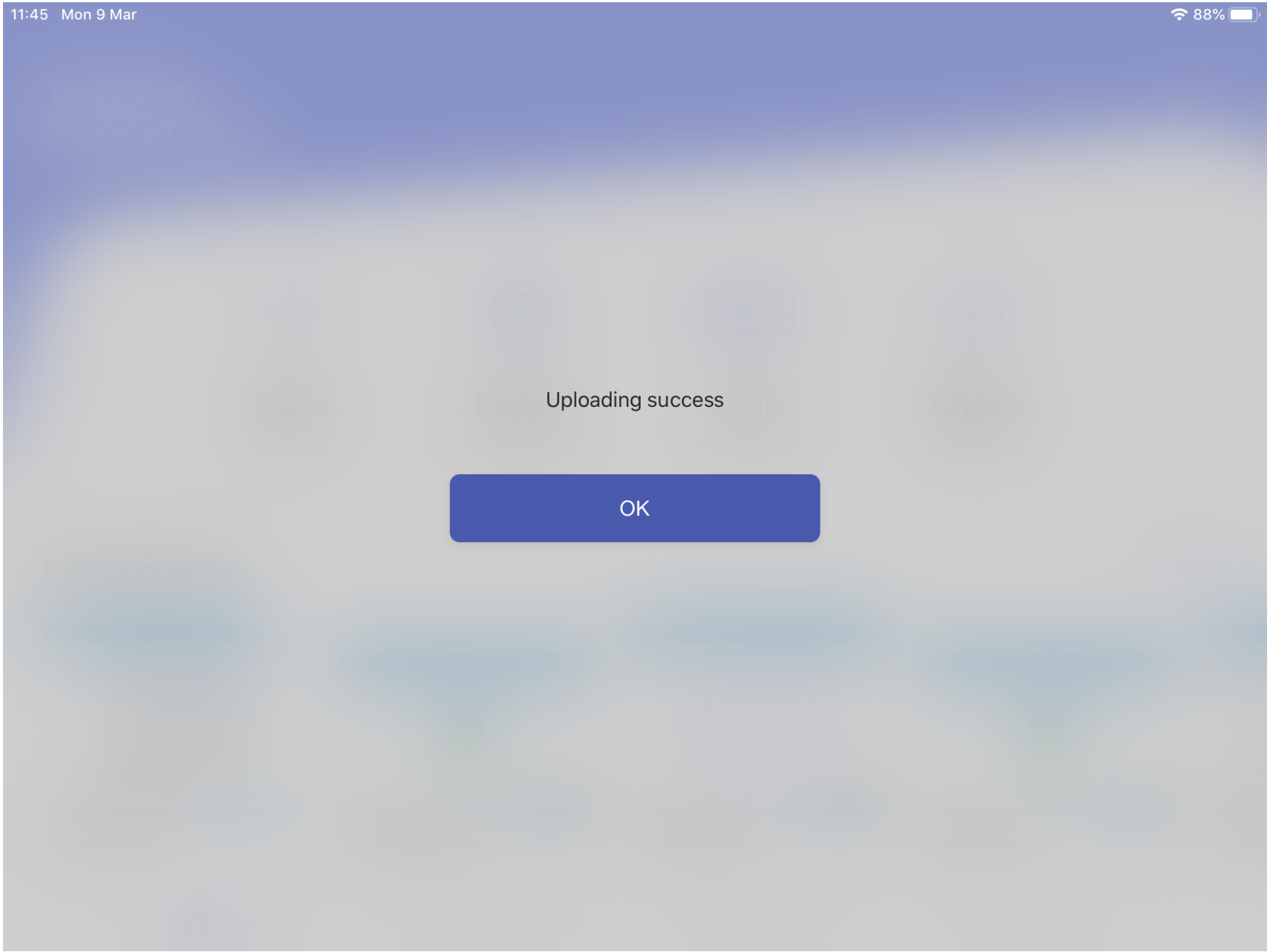
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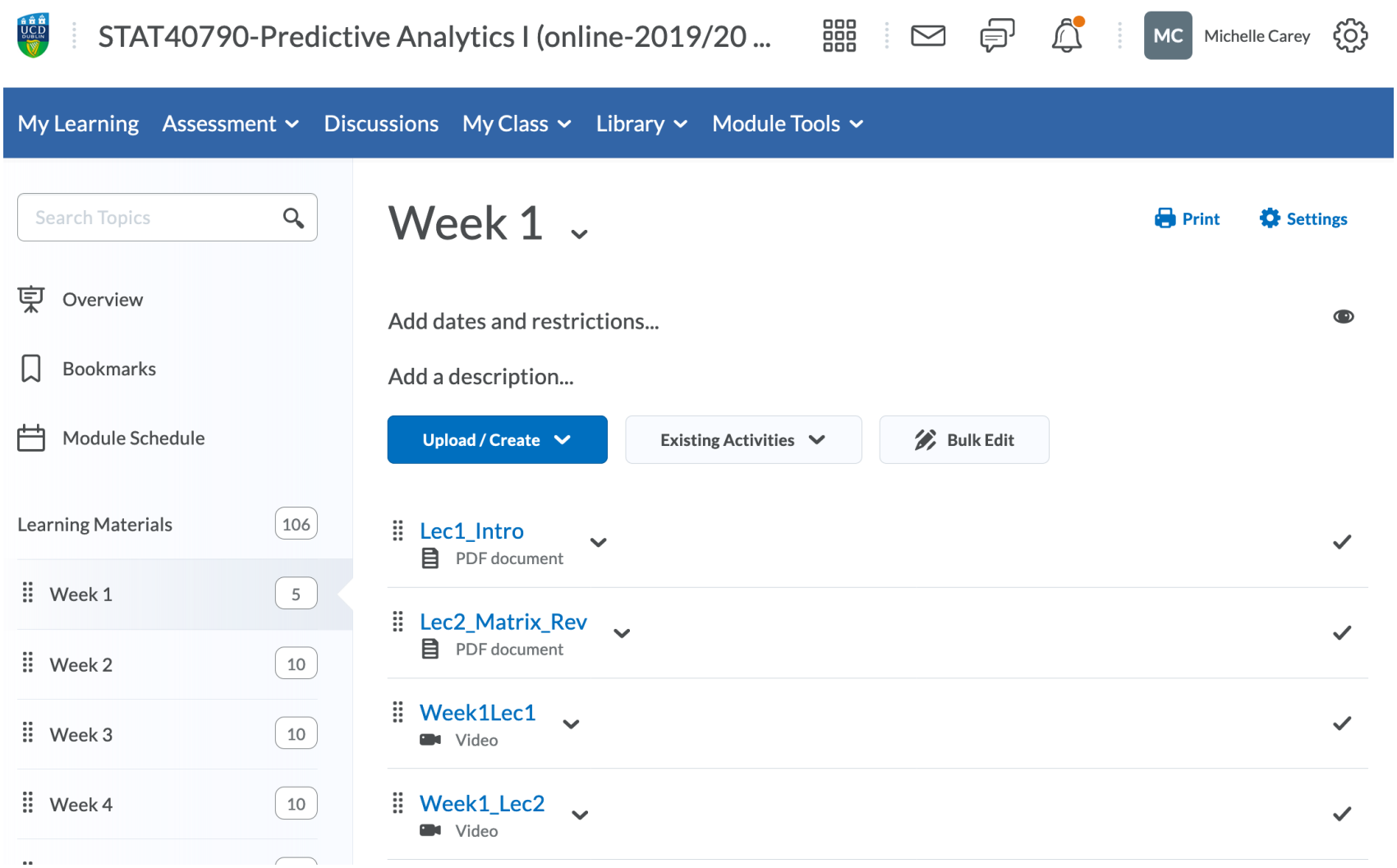

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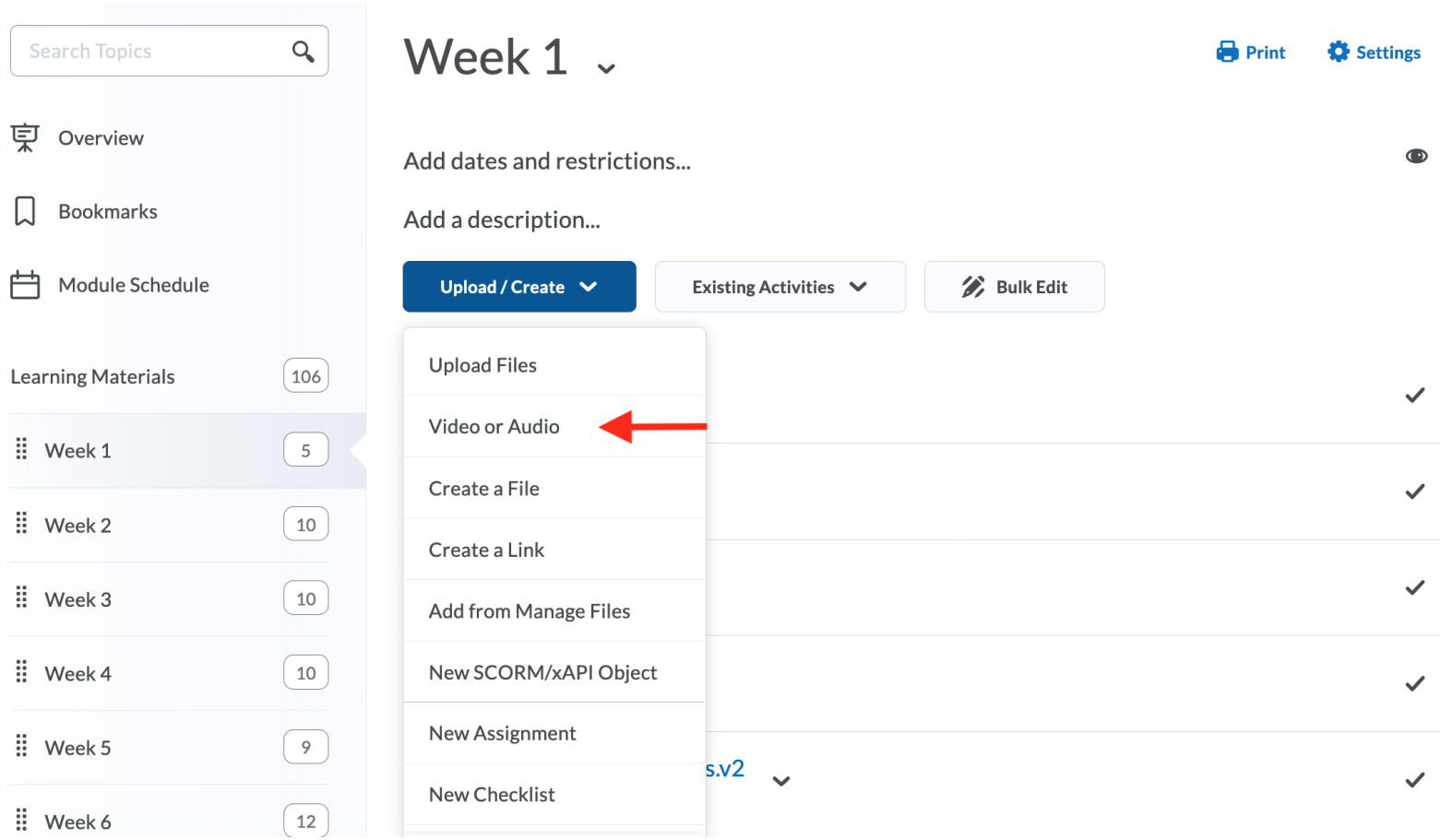

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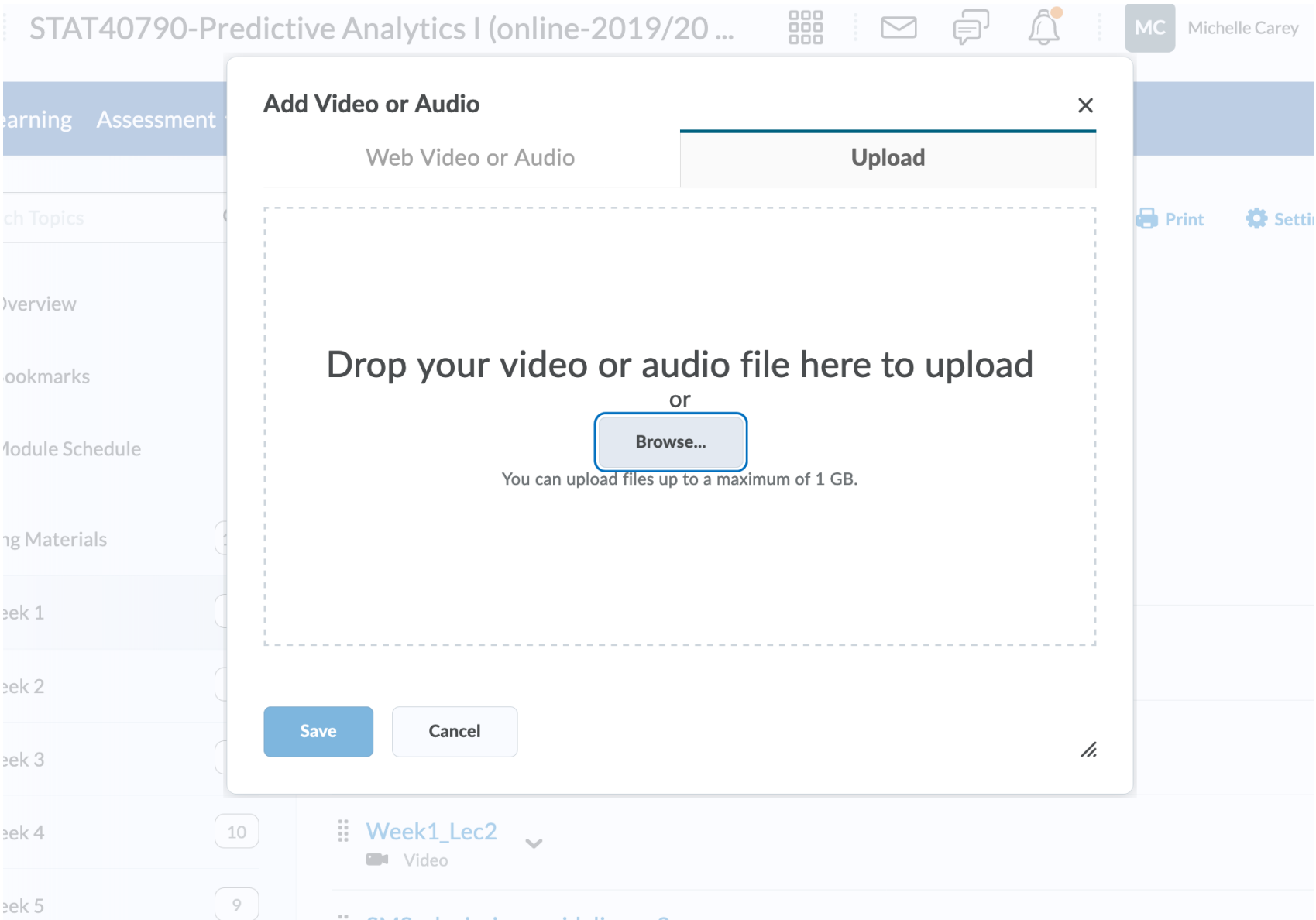

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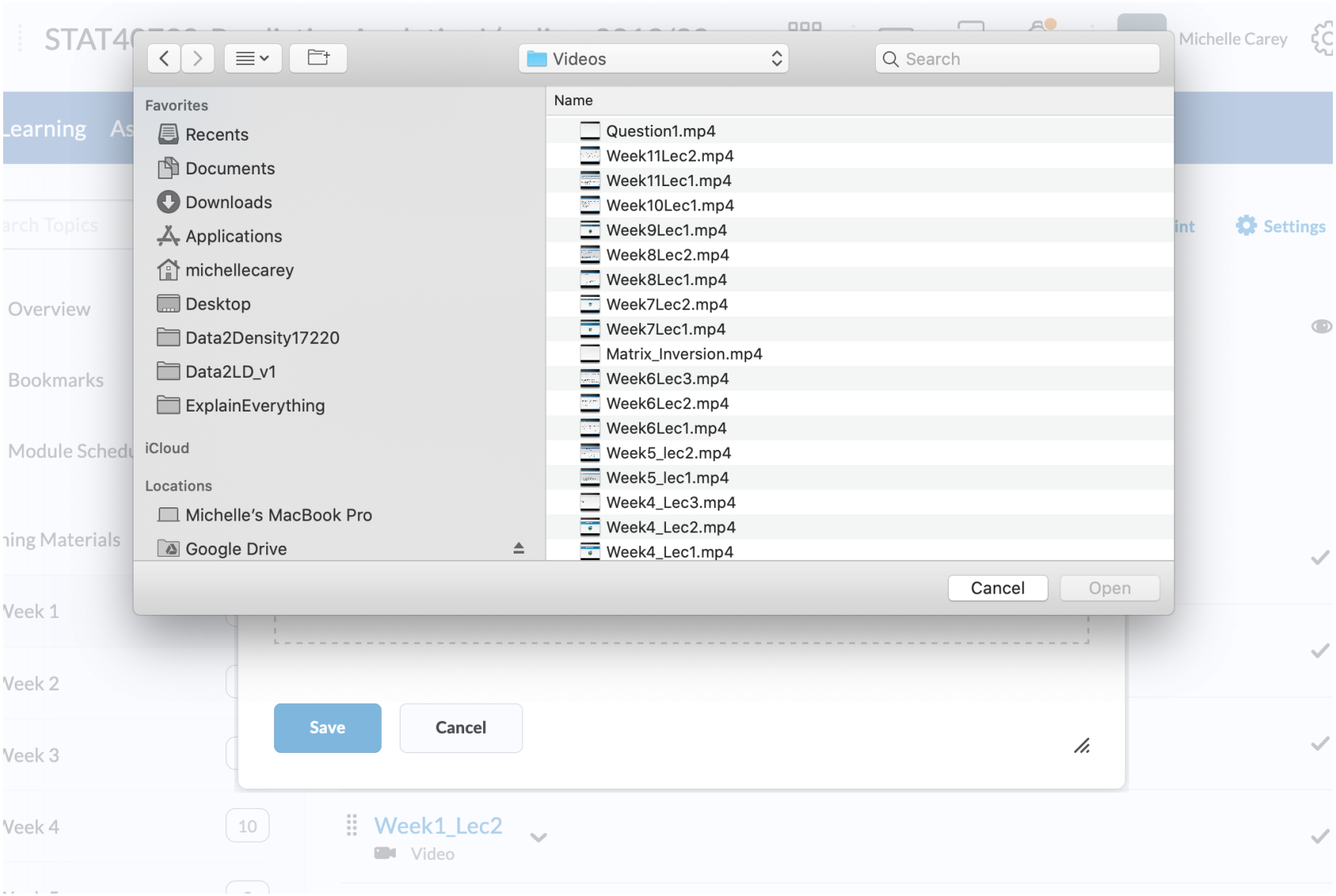

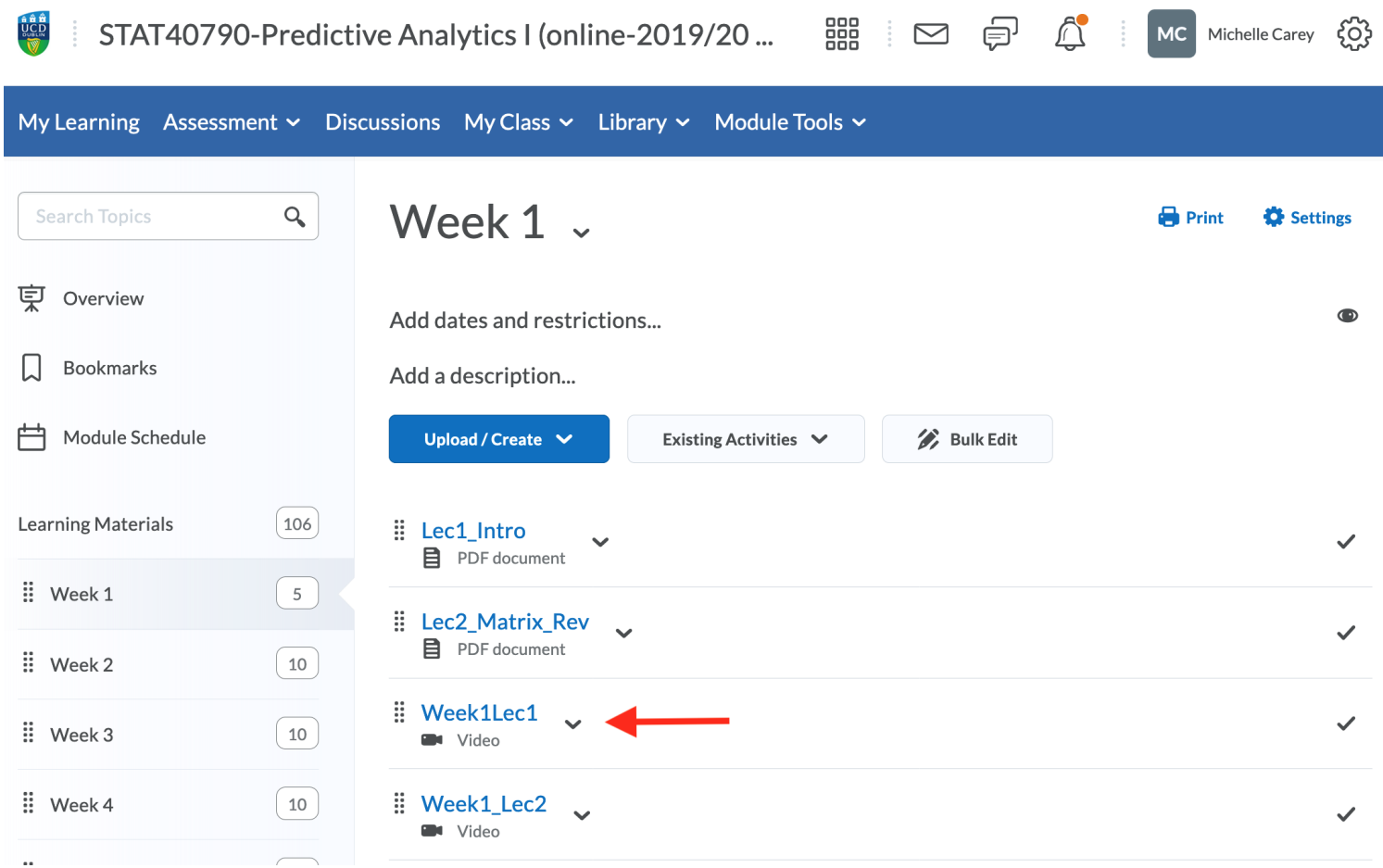
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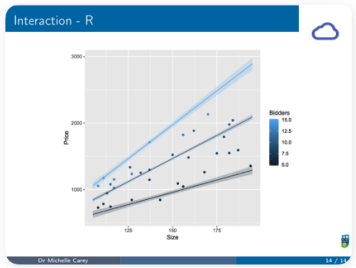

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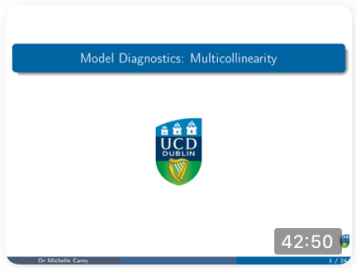
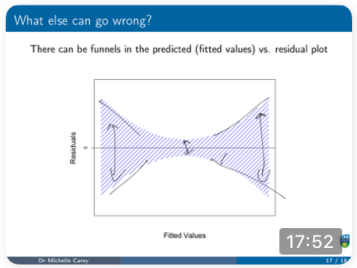


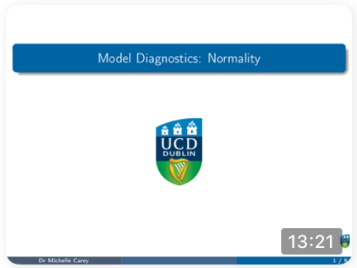
Multicollinearity

22 Oct 2019



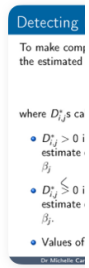
Assumptions

22 Oct 2019



Diagnostics

29 Oct 2019



Influe

29 Oct

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Explain Everything

New
Project

Invite
& Collaborate

Join
With CODE

MC Michelle Carey

Enter CODE

Settings

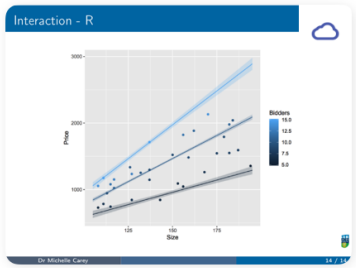
Help Center

Manual

Video Hints

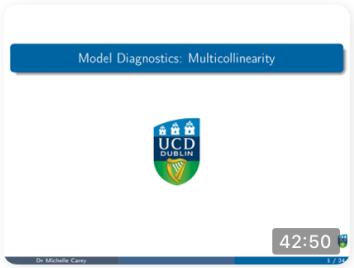
About

Recent Projects



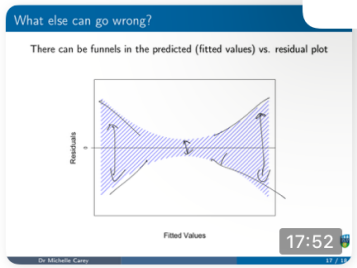
Interactions

9 Mar 2020



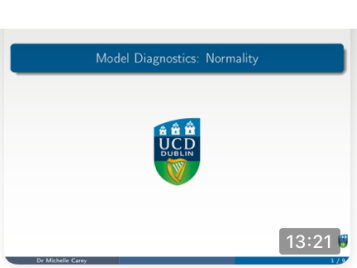
Multicollinearity

22 Oct 2019



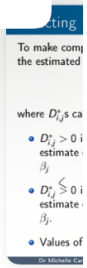
Assumptions

22 Oct 2019



Diagnostics

29 Oct 2019



Influe

29 Oct

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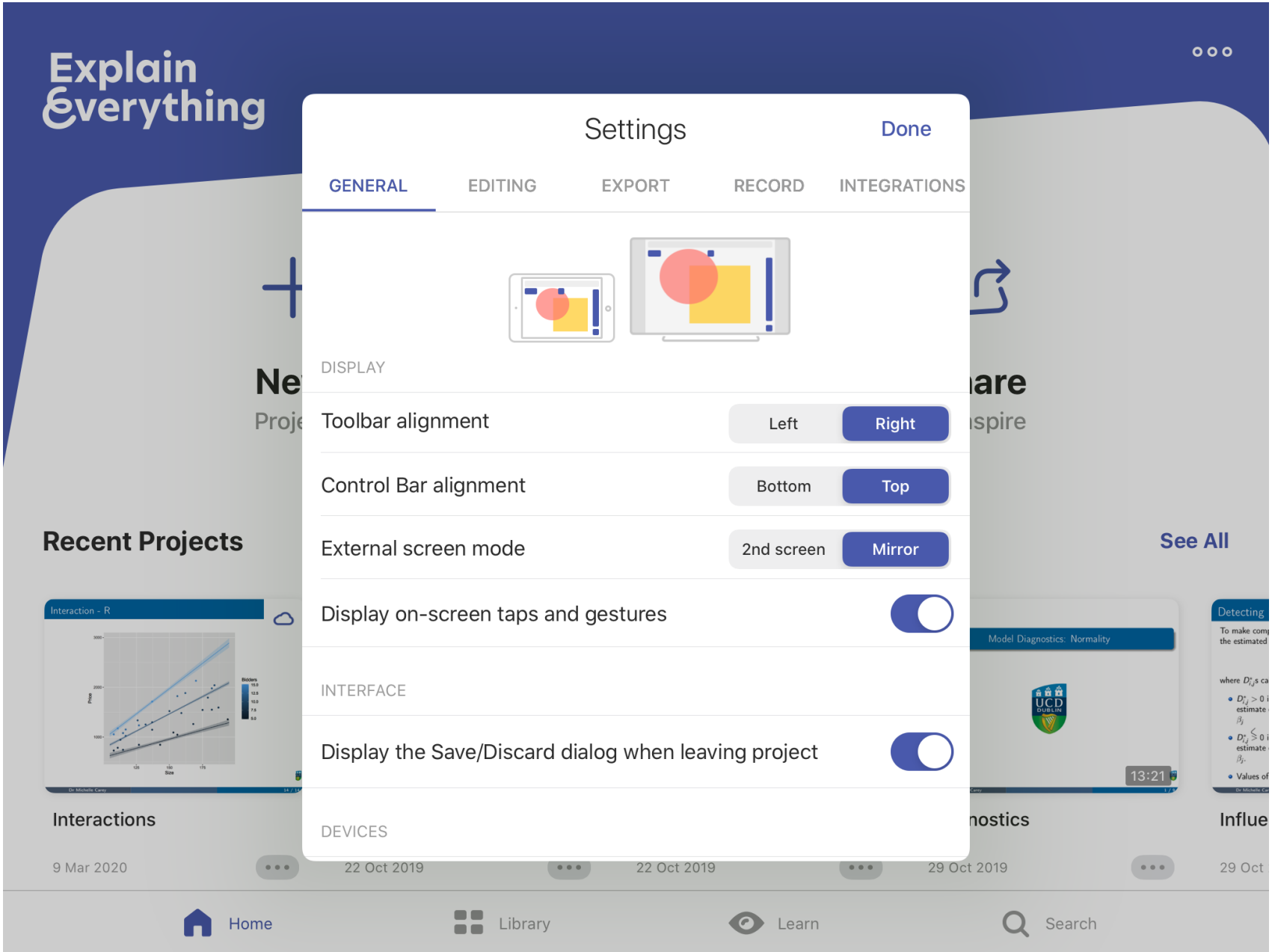
Explain Everything
Settings
Done
GENERAL
EDITING
EXPORT
RECORD
INTEGRATIONS
DISPLAY
Toolbar alignment
Left
Right
Control Bar alignment
Bottom
Top
External screen mode
2nd screen
Mirror
Display on-screen taps and gestures
INTERFACE
Display the Save/Discard dialog when leaving project
DEVICES
Recent Projects
See All
Interactions
9 Mar 2020
22 Oct 2019
22 Oct 2019
29 Oct 2019
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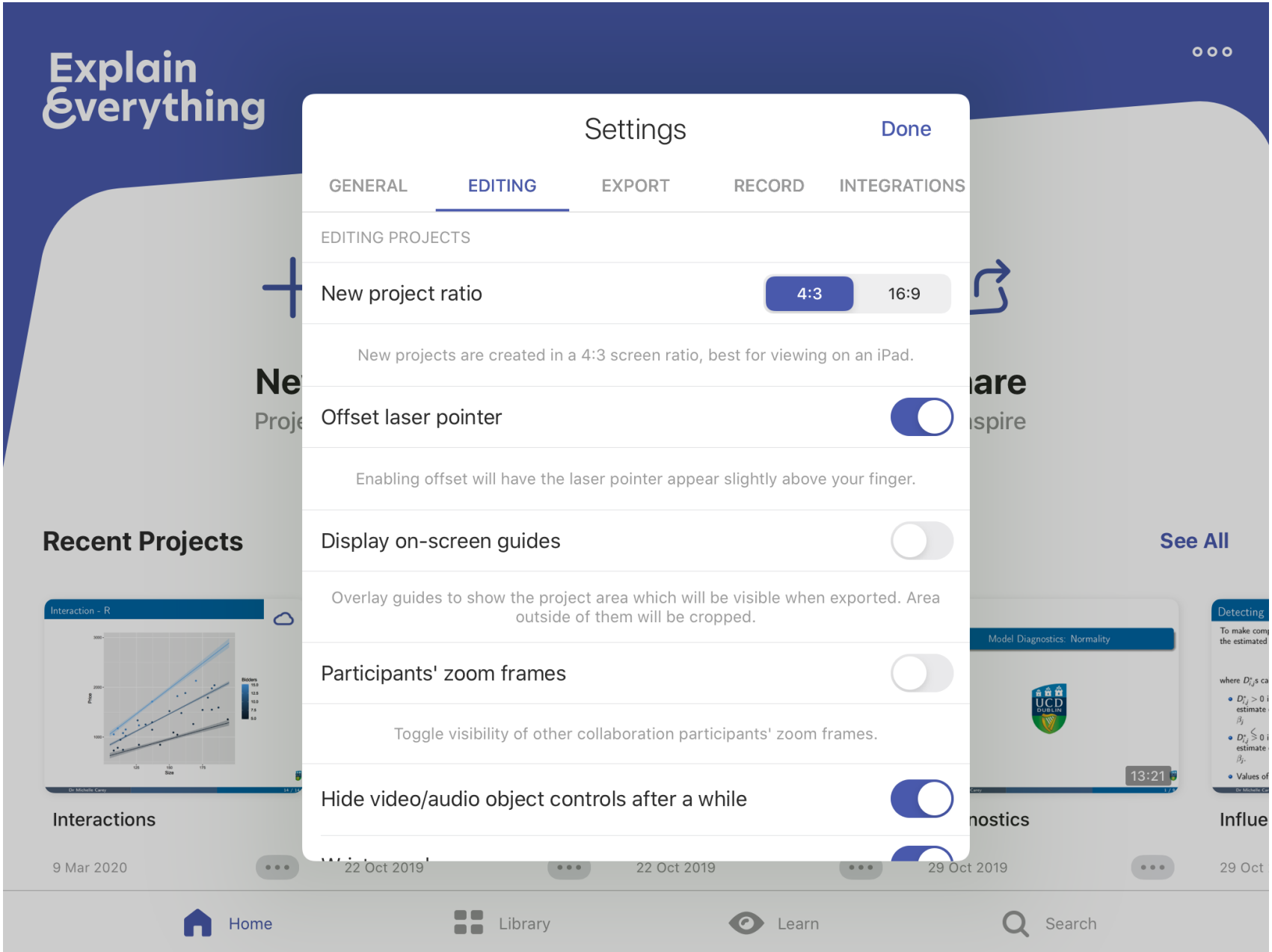
Explain Everything
Settings
Done
GENERAL
EDITING
EXPORT
RECORD
INTEGRATIONS
EDITING PROJECTS
New project ratio
4:3
16:9
New projects are created in a 4:3 screen ratio, best for viewing on an iPad.
Offset laser pointer
Enabling offset will have the laser pointer appear slightly above your finger.
Display on-screen guides
Overlay guides to show the project area which will be visible when exported. Area outside of them will be cropped.
Participants' zoom frames
Toggle visibility of other collaboration participants' zoom frames.
Hide video/audio object controls after a while
Recent Projects
See All
Interaction - R
Model Diagnostics: Normality
13:21
Interactions
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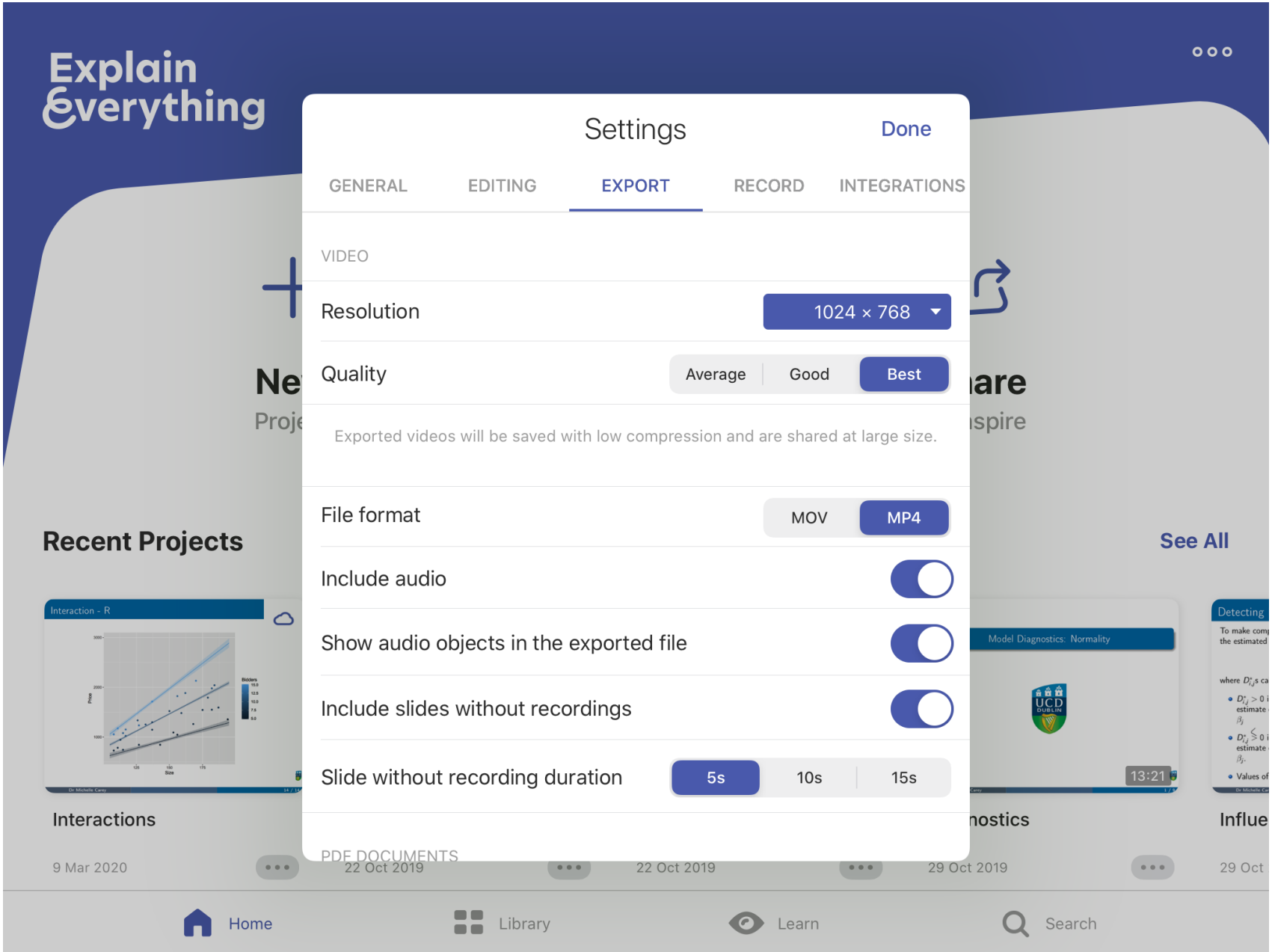
Explain Everything
Settings
Done
GENERAL
EDITING
EXPORT
RECORD
INTEGRATIONS
VIDEO
Resolution
1024 × 768
Quality
Average
Good
Best
Exported videos will be saved with low compression and are shared at large size.
File format
MOV
MP4
Include audio
Show audio objects in the exported file
Include slides without recordings
Slide without recording duration
5s
10s
15s
PDF DOCUMENTS
Recent Projects
See All
Interaction - R
Model Diagnostics: Normality
13:21
Interactions
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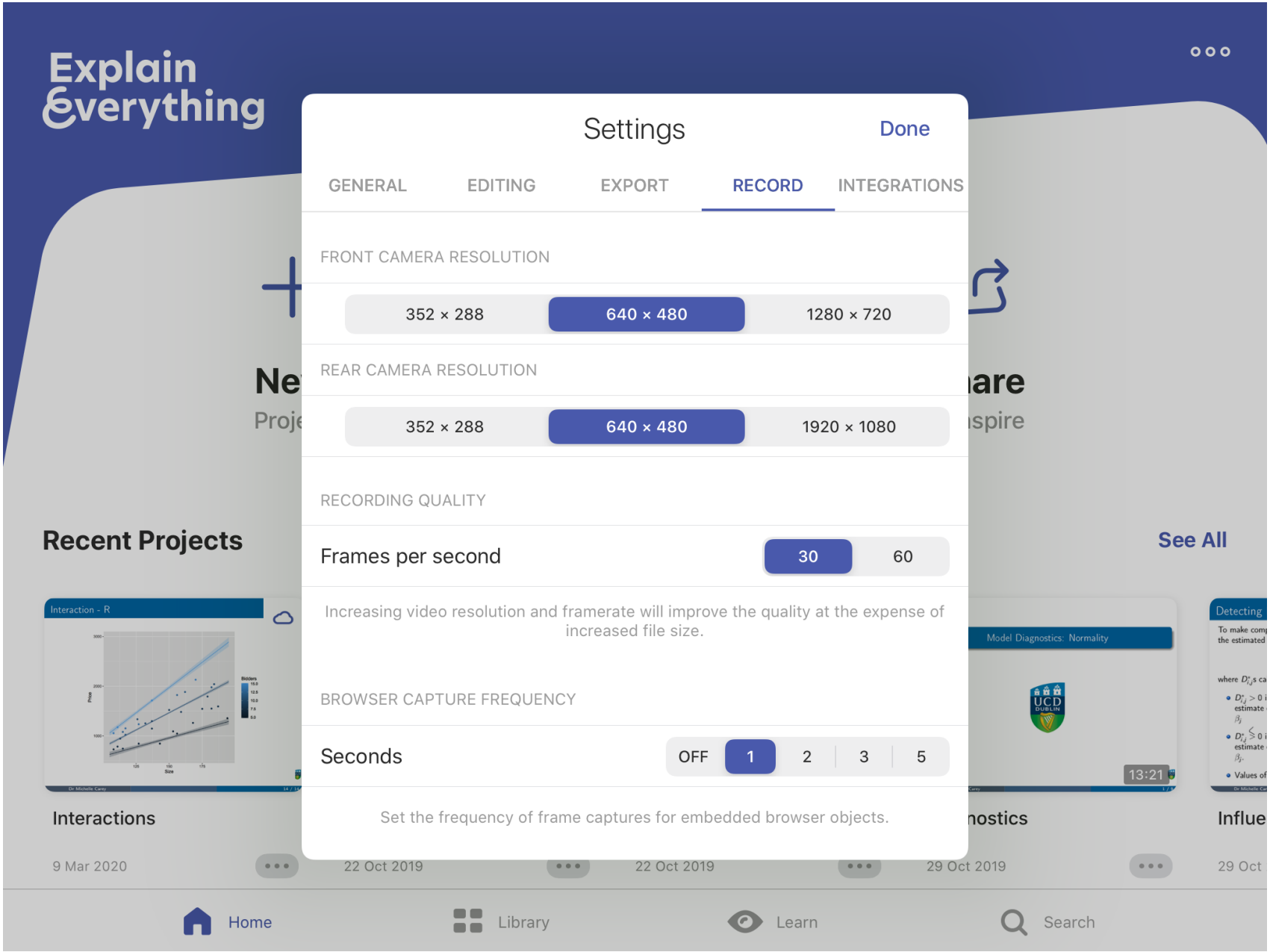
Explain Everything
Settings
Done
GENERAL
EDITING
EXPORT
RECORD
INTEGRATIONS
FRONT CAMERA RESOLUTION
352 × 288
640 × 480
1280 × 720
REAR CAMERA RESOLUTION
352 × 288
640 × 480
1920 × 1080
RECORDING QUALITY
Frames per second
30
60
Increasing video resolution and framerate will improve the quality at the expense of increased file size.
BROWSER CAPTURE FREQUENCY
Seconds
OFF
1
2
3
5
Set the frequency of frame captures for embedded browser objects.
Recent Projects
See All
Interactions
9 Mar 2020
22 Oct 2019
22 Oct 2019
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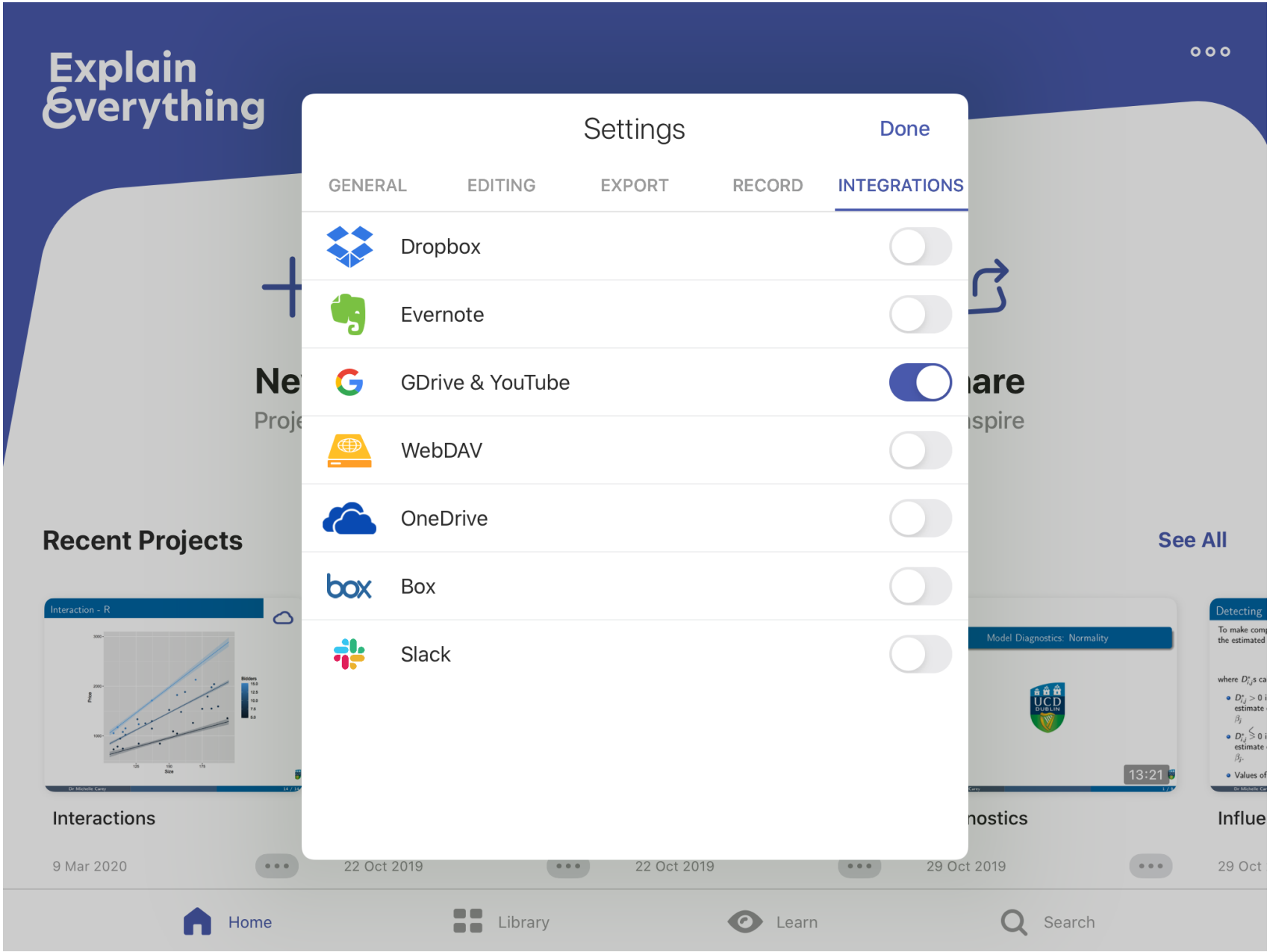
Explain Everything
Settings
Done
GENERAL
EDITING
EXPORT
RECORD
INTEGRATIONS
Dropbox
Evernote
GDrive & YouTube
WebDAV
OneDrive
Box
Slack
Recent Projects
See All
Interaction - R
Model Diagnostics: Normality
13:21
Interactions
9 Mar 2020
22 Oct 2019
22 Oct 2019
29 Oct 2019
29 Oct
Home
Library
Learn
Search

Handbook

Please see below link to the Explain everything handbook:

Explain Everything Handbook