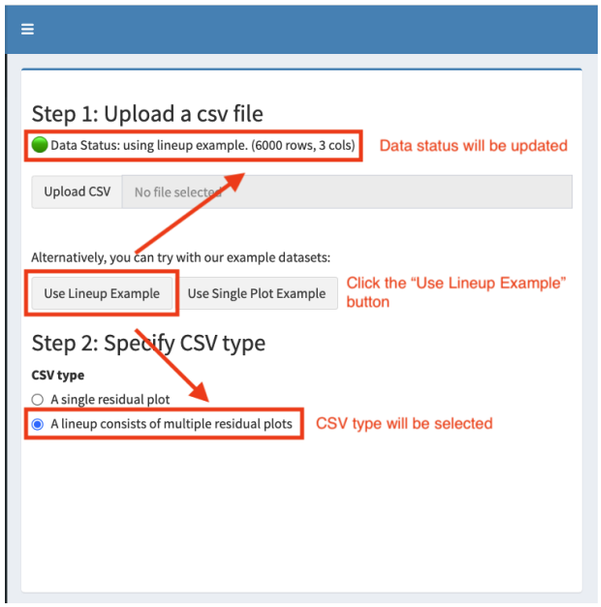
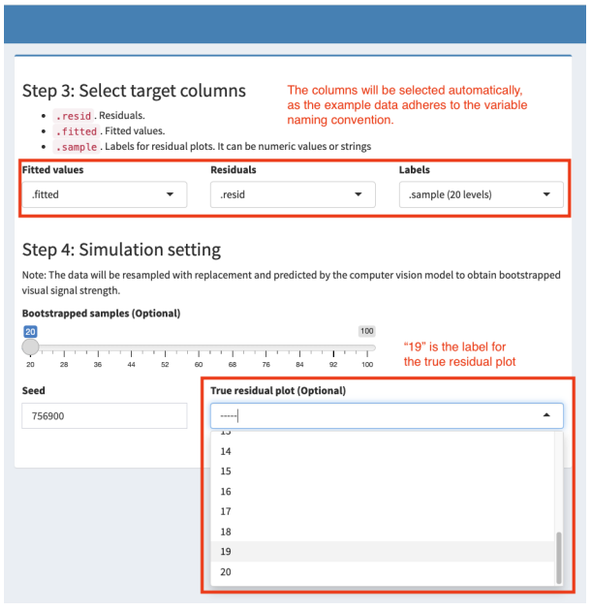
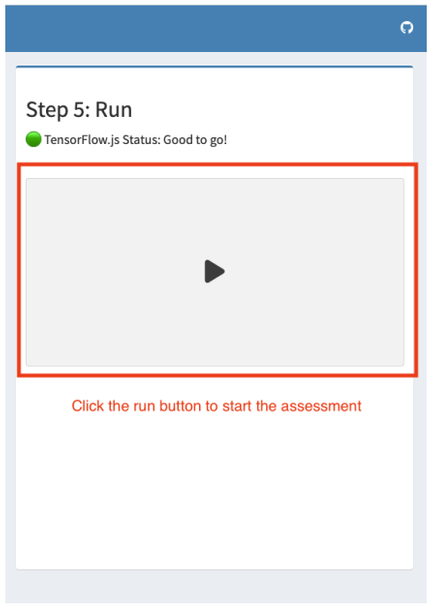
(A)


Step 1: Upload a csv file
Data Status: using lineup example. (6000 rows, 3 cols)
Data status will be updated
Upload CSV
No file selected
Alternatively, you can try with our example datasets:
Use Lineup Example
Use Single Plot Example
Click the "Use Lineup Example" button
Step 2: Specify CSV type
CSV type
A single residual plot
A lineup consists of multiple residual plots
CSV type will be selected

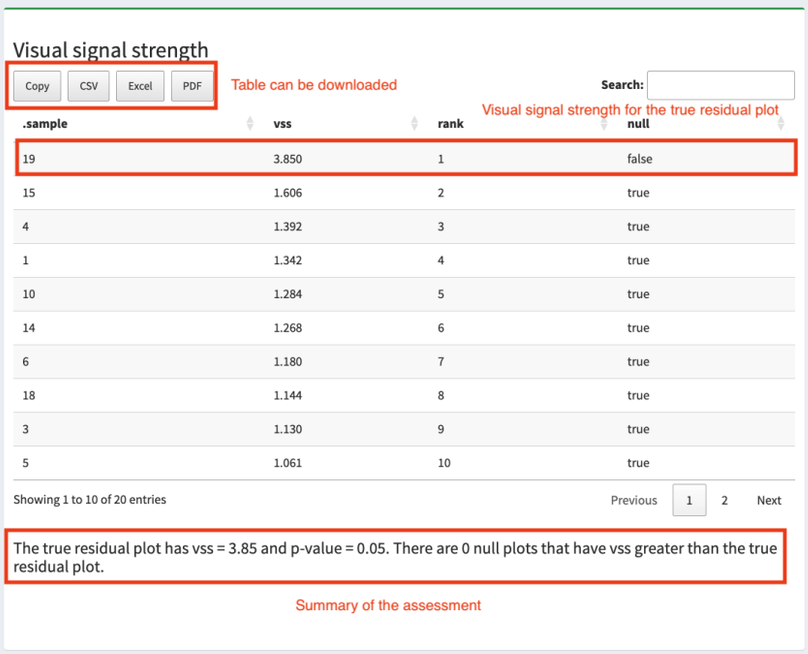
(B)

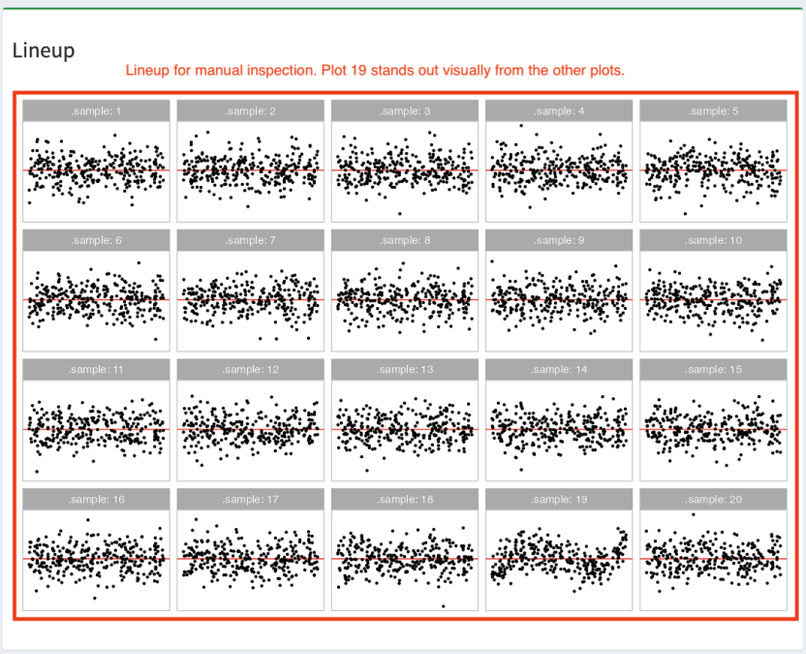

Step 3: Select target columns
The columns will be selected automatically, as the example data adheres to the variable naming convention.
.resid . Residuals.
.fitted . Fitted values.
.sample . Labels for residual plots. It can be numeric values or strings
Fitted values
.fitted
Residuals
.resid
Labels
.sample (20 levels)
Step 4: Simulation setting
Note: The data will be resampled with replacement and predicted by the computer vision model to obtain bootstrapped visual signal strength.
Bootstrapped samples (Optional)
"19" is the label for the true residual plot
Seed
756900
True residual plot (Optional)
14
15
16
17
18
19
20

(C)

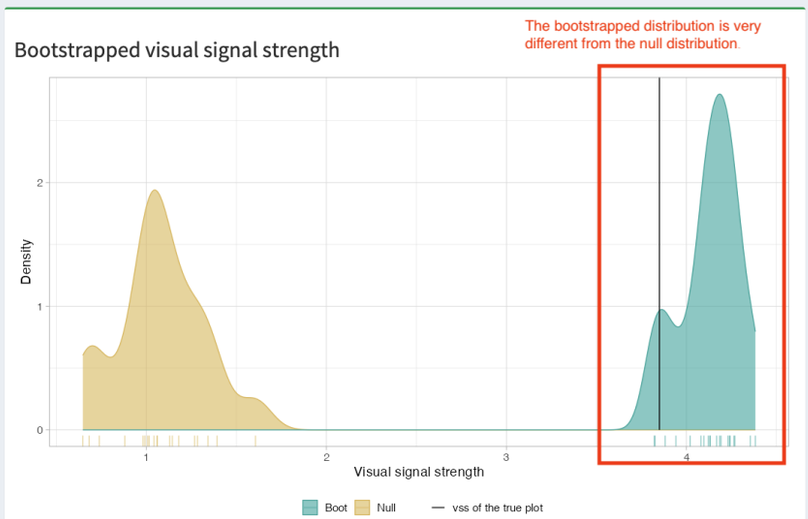

Step 5: Run
TensorFlow.js Status: Good to go!
Click the run button to start the assessment

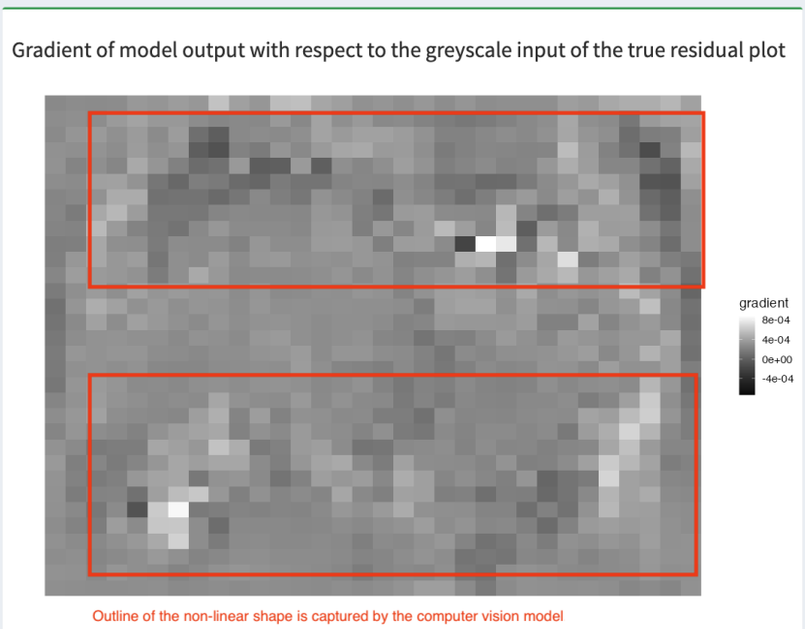
(D)


Visual signal strength
Copy
CSV
Excel
PDF
Table can be downloaded
Search:
Visual signal strength for the true residual plot
.sample
vss
rank
null
19 3.850 1 false
15 1.606 2 true
4 1.392 3 true
1 1.342 4 true
10 1.284 5 true
14 1.268 6 true
6 1.180 7 true
18 1.144 8 true
3 1.130 9 true
5 1.061 10 true
Showing 1 to 10 of 20 entries
Previous
1
2
Next
The true residual plot has vss = 3.85 and p-value = 0.05. There are 0 null plots that have vss greater than the true residual plot.
Summary of the assessment


Lineup
Lineup for manual inspection. Plot 19 stands out visually from the other plots.
.sample: 1
.sample: 2
.sample: 3
.sample: 4
.sample: 5
.sample: 6
.sample: 7
.sample: 8
.sample: 9
.sample: 10
.sample: 11
.sample: 12
.sample: 13
.sample: 14
.sample: 15
.sample: 16
.sample: 17
.sample: 18
.sample: 19
.sample: 20

(E)


Bootstrapped visual signal strength
The bootstrapped distribution is very different from the null distribution.
Density
Visual signal strength
Boot
Null
vss of the true plot
20 out of 20 (100%) of bootstrapped residual plots show significant violations (p-value <= 0.05).


Gradient of model output with respect to the greyscale input of the true residual plot
gradient
8e-04
4e-04
0e+00
-4e-04
Outline of the non-linear shape is captured by the computer vision model