

Prepare data

For ROC curve, the dataset should include tpr(i.e. sensitivity) and fpr (i.e. 1-specificity). Optional variables for ROC curve are marker and title.

For other curve, the dataset should include tpr, prob, and specificity. Other optional variables include: youden, xy_labels, and title.

Roc dataset:

tpr	fpr	marker	title	
0.3	0.1		ROC Curve	
0.5	0.15	1	An Example	
0.65	0.2			
0.75	0.25	1		
0.82	0.3			
0.87	0.35			
0.91	0.4	1		
0.95	0.5			
0.98	0.7			

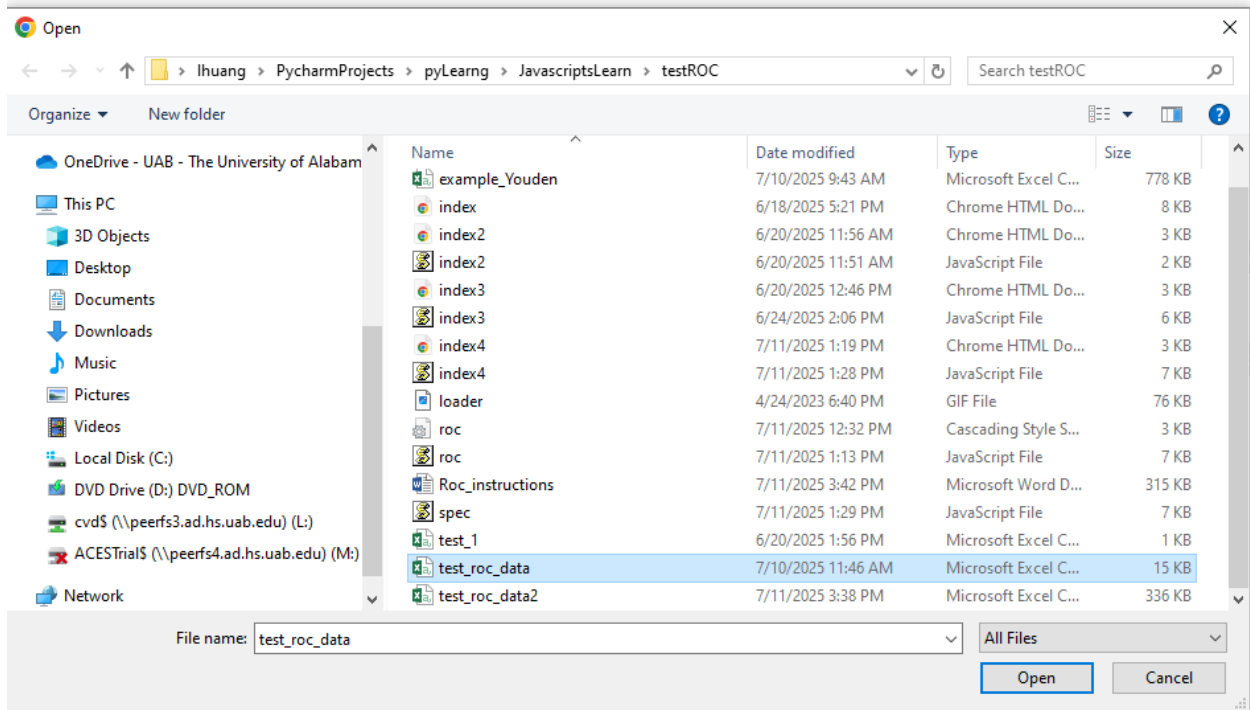
Dataset for sensitivity, specificity, or youden's index:

tpr	fpr	specificity	youden	prob	xy_labels	title
0	0.000119	0.99988054	-0.00012	0.460241	Probabilit	Roc c
0.00038	0.000119	0.99988054	0.000261	0.368846	Test Characterist	
0.000761	0.000119	0.99988054	0.000641	0.365658		
0.000761	0.000239	0.99976108	0.000522	0.364391		
0.000761	0.000358	0.99964162	0.000402	0.36416		
0.001141	0.000358	0.99964162	0.000783	0.36362		
0.001141	0.000478	0.99952216	0.000663	0.362122		
0.001521	0.000478	0.99952216	0.001044	0.360871		
0.001902	0.000478	0.99952216	0.001424	0.360575		
0.002282	0.000478	0.99952216	0.001804	0.359002		
0.002282	0.000597	0.9994027	0.001685	0.358789		
0.002663	0.000597	0.9994027	0.002065	0.358393		
0.003043	0.000597	0.9994027	0.002446	0.357472		
0.003423	0.000597	0.9994027	0.002826	0.357239		
0.003423	0.000717	0.99928324	0.002707	0.356887		
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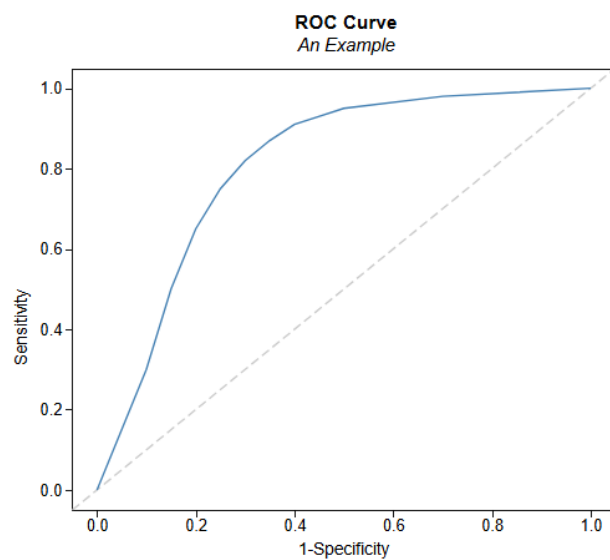
Select file

Tutorial *Please choose your file:* **Choose File** No file chosen **Curves** ROC curve

Import Example CSV



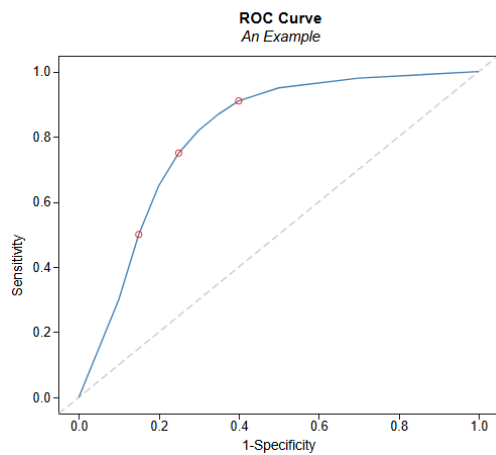
Roc curve is the default chart.



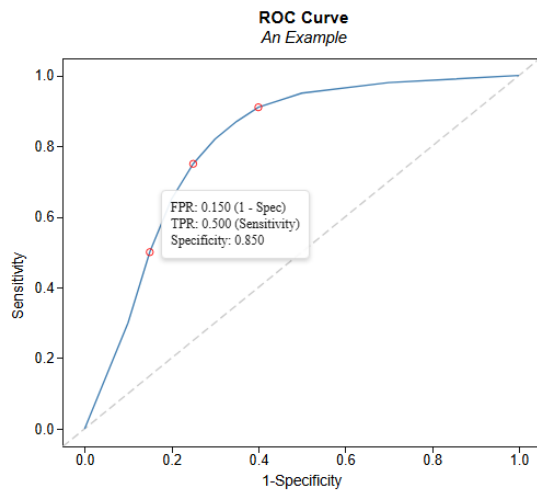
Add markers on ROC plot.

If you want to add some markers on the plot, add variable marker in the dataset.

tpr	fpr	marker	title
0.3	0.1		ROC Curve
0.5	0.15	1	An Example
0.65	0.2		
0.75	0.25	1	
0.82	0.3		
0.87	0.35		
0.91	0.4	1	
0.95	0.5		
0.98	0.7		



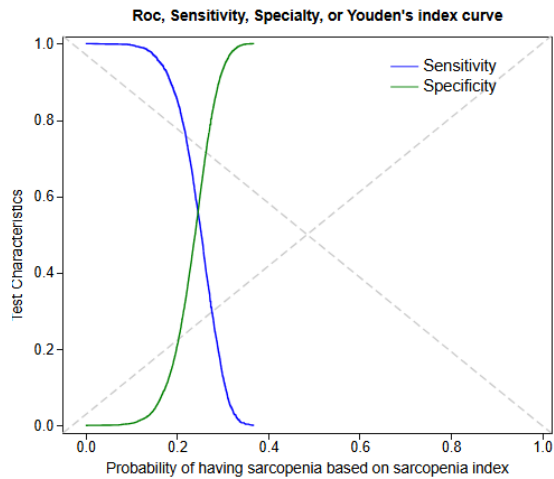
You can put mouse on the “marker” to see more details.



Change plot type

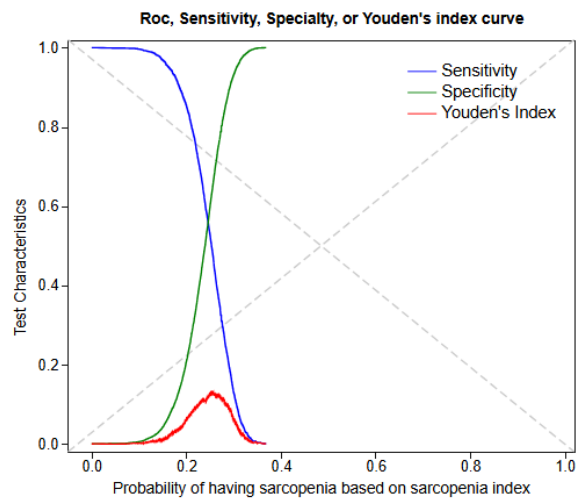
If you have “specificity” in the dataset, you can change the type of curves.

Curves



Or

Curves



X and Y labels

In the dataset, the first value under “xy_label” is x label, the second is Y label.