Graphing With Excel

ROC Curve Graph

Diagonal		My Data	
FA	HIT	FA	Hit
0	0	0.04	0.24
1	1	0.3	0.69
		0.65	0.92

Select Data for Diagonal

Diagonal		My Data	
FA	HIT	FA	Hit
0	0	0.04	0.24
1	1	0.3	0.69
		0.65	0.92





Use Straight Line Connectors

Also use symbols for points. This is the only data that we know.



Data is in Columns



Label Your Axes



Remove Legend. Why?



This is what you have now



Set the Axes Scales



Place mouse over one of the axes and right click. Repeat with other axis.

Set Max and Major Unit to 1.0

Format Axis	<u>?</u> ×
Patterns Scale Value (X) axis scale Auto Minimum: Maximum: Major unit: Minor unit: Value (Y) axis Crosses at:	Font Number Alignment 0
Display units:	None Show display units label on chart e re order rosses at <u>m</u> aximum value OK Cancel

Clear the background



Place mouse over one of the background of the graph and right click.

Set Area to None

Patterns Border	erea	-
O Automatic	Automatic	
Style:		
<u>⊂</u> olor: Automat	ic 🔽	
Waiabh		
		1
Sample	Fill Effects]

Add Your Data P Format Plot Area... Hits Chart Type... Source Data... Chart Options... Location... 0 3-D View... Π Chart Window Clear

Place mouse over one of the background of the graph and right click. Select Source Data.

Add New Series



Add X (False Alarm) Values ? × Source Data - 181× () File Edit View Insert Format Tools Chart Window Help Type a question for help - - - > 新新田 \$ % 課 田·ð· 的局限型的的。例 Series Data Range Open a workbook Fall student worker schedule3.xl Fall student worker schedule2.xls SWRA Referees 2002 Fall.xls My Data Diagonal Fall student worker schedule.xk FA FA Hit schedule.xls 0.04 0.24 CSW.csv 0.69 0.3 trends in exponnet page.xls 0.92 induced motion vis Hits mothar.csv More workbooks. urce Data - X Val ? × et11\$D\$7:\$D\$9 New Blank Workbook Click on New from existing workbook Choose workbook ... New from template General Templates. n this ₩ Templates on my Web Sites. 0 Templates on Microsoft.com False Alarms symbol 0 Series False Alarms Series1 к. Name: Series2 Add Network Place.. X Values: Microsoft Excel Help Show at startup ×. $=\{1\}$ + + H ROC Sheet1 / Sheet2 / Sheet3 / Y Values: NUM 👰 Qs... 🗐 Gr... 🛓 Im... 🥭 🚮 📼 🚫 👋 🏷 🍕 📶 🕼 🧭 🖉 🕺 🖉 00° 10:09 AV Add Remove Select Your False Alarm values from the spreadsheet. Then 2 press enter. Repeat for Hits as OK Cancel the Y axis values.

Graph With One Curve

Repeat to add second ROC curve to graph.

