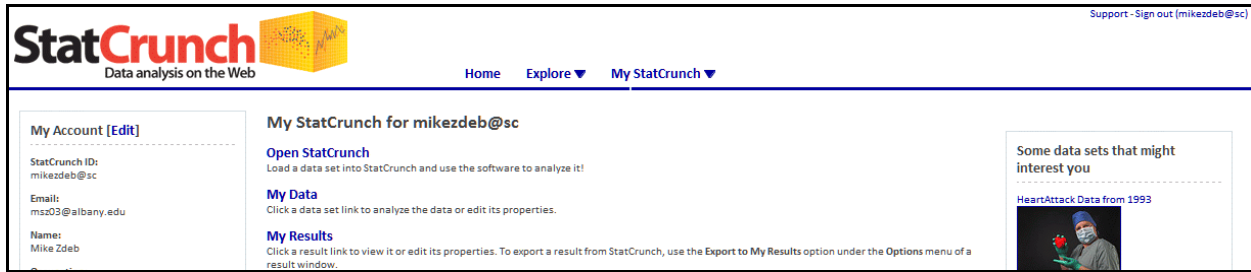
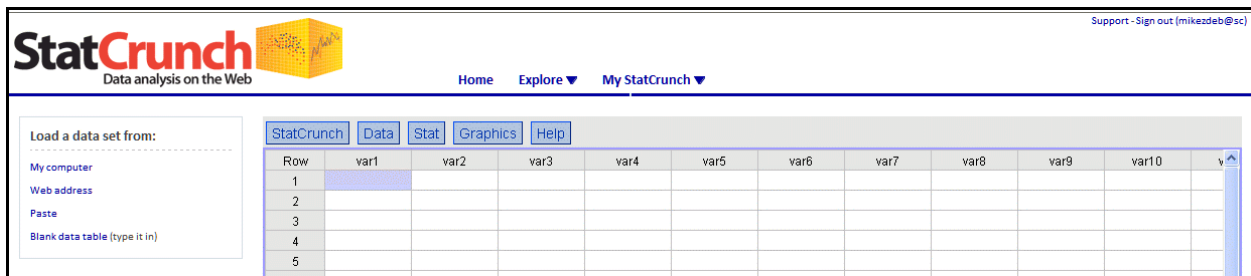


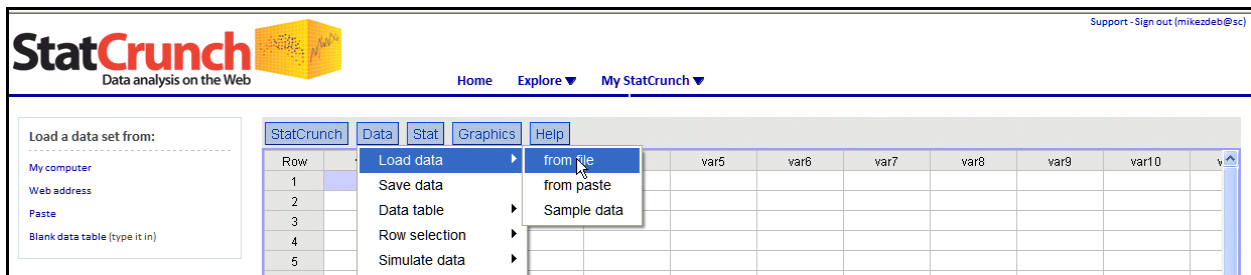
#1 after logging in on the StatCrunch web site ... <http://www.statcrunch.com> ... you should see a screen that looks like this ...



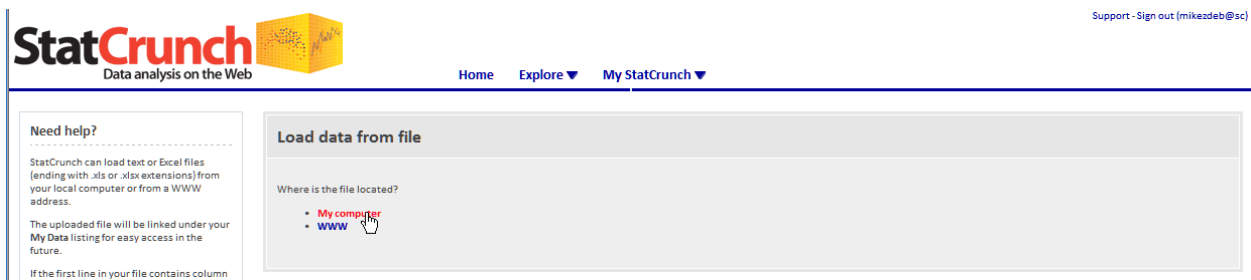
#2 click on Open StatCrunch and you should see ...



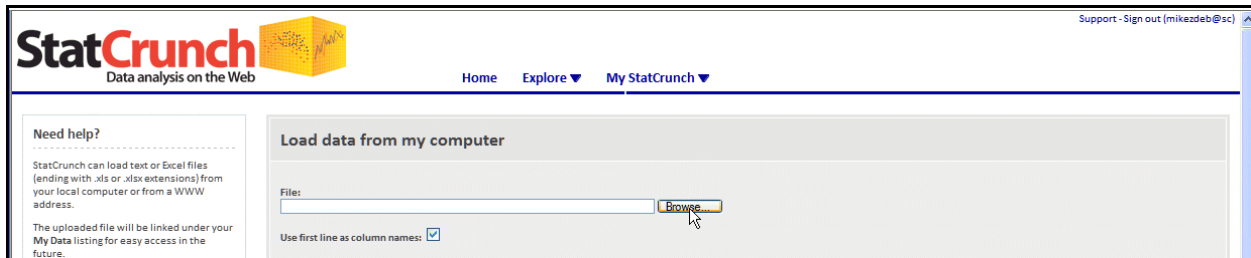
#3 click on DATA / Load data/ from file



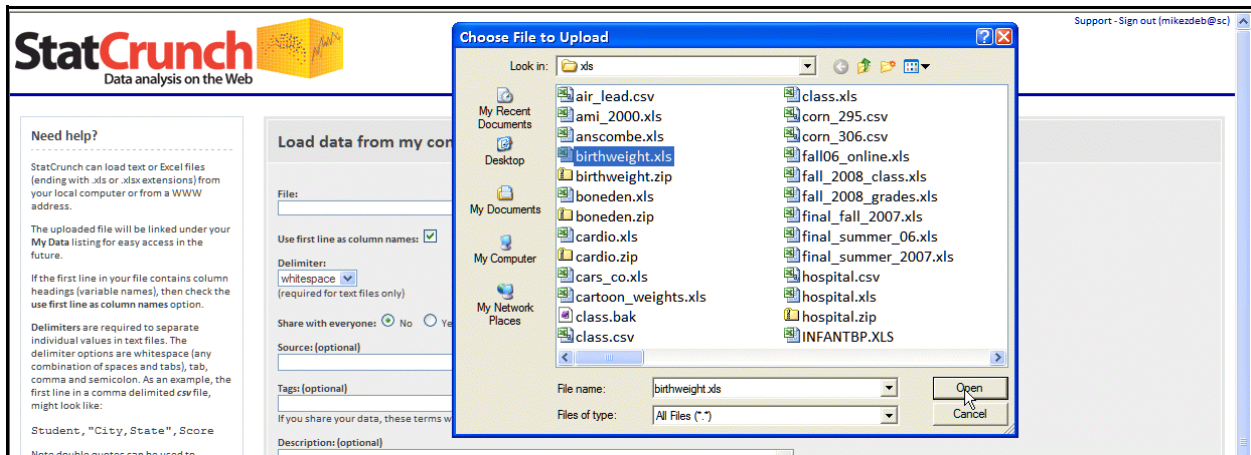
#4 click on My computer ...



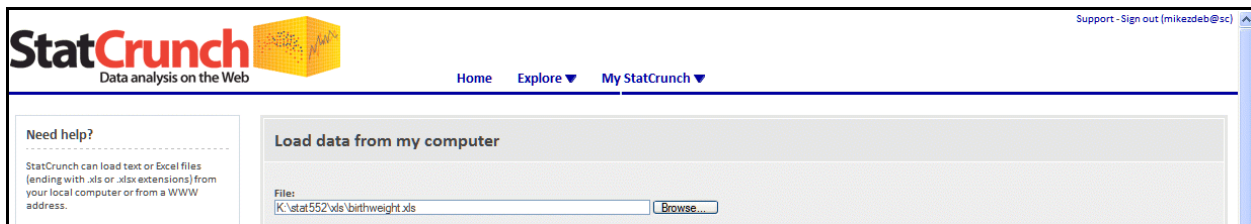
#5 click on Browse ...



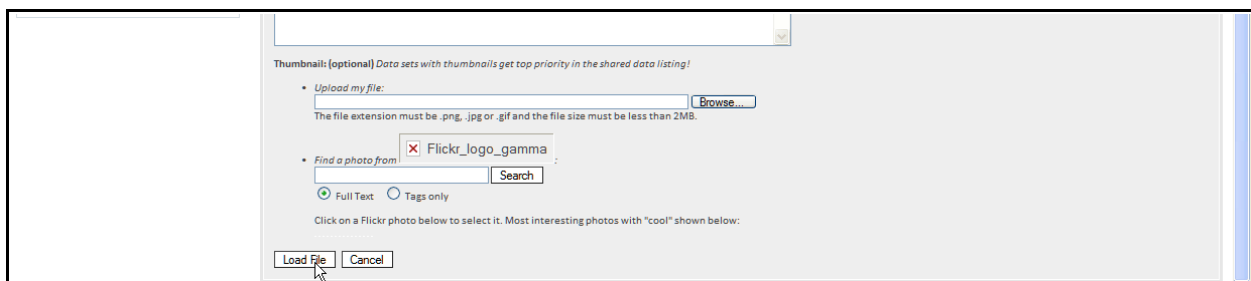
#6 on your computer, find the folder where you have put the file BIRTHWEIGHT.XLS, click on that file, then click on OPEN (you should not have to change any of the options you see on the screen)



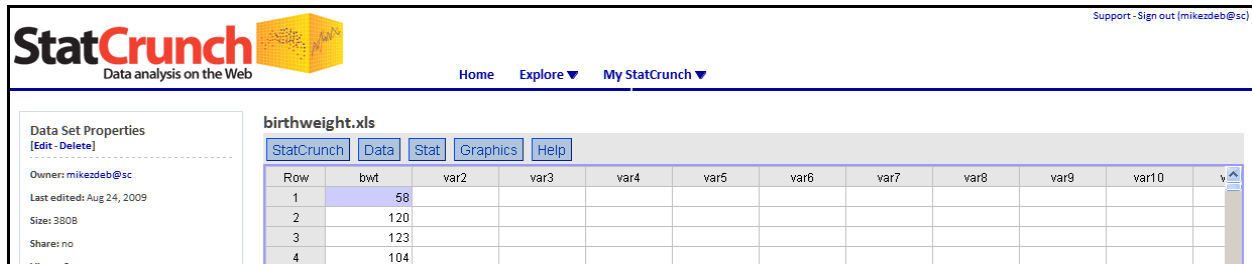
#7 when you are returned to the STATCRUNCH screen, you should see the filename ...



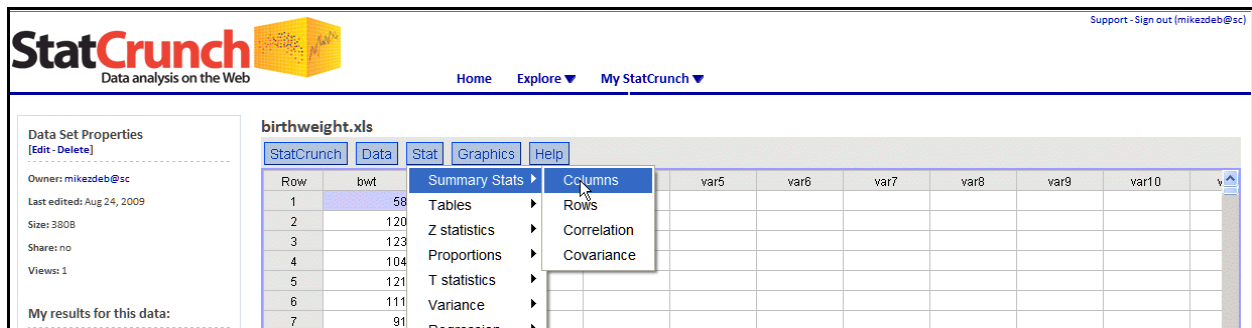
#8 scroll to the bottom and click on Load File ...



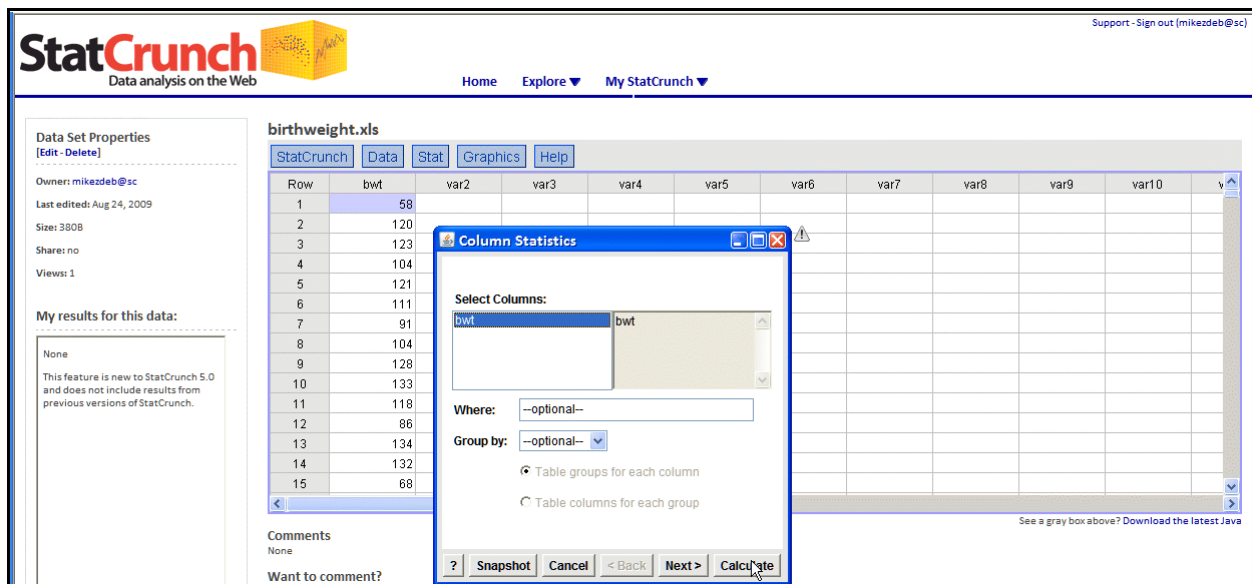
#9 you should now see the screen on the right with your data in the StatCrunch spreadsheet



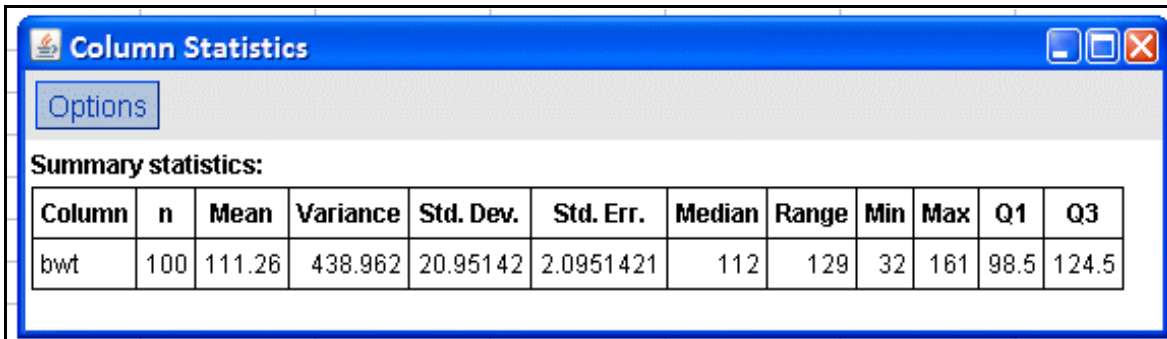
#10 click on STAT / Summary Stats / Columns ...



#11 first click on the variable name BWT and it will move a copy of the name to the gray box on the right ... then click on Calculate



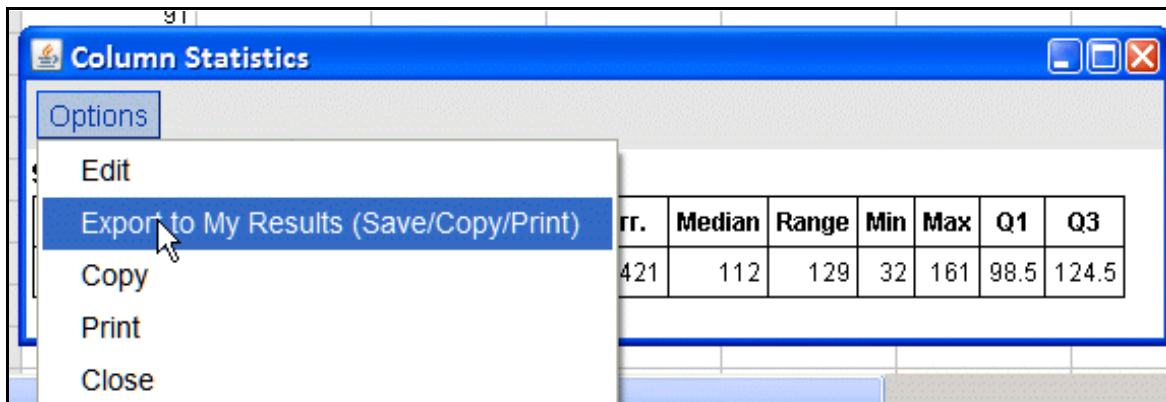
#12 you should see these results ...



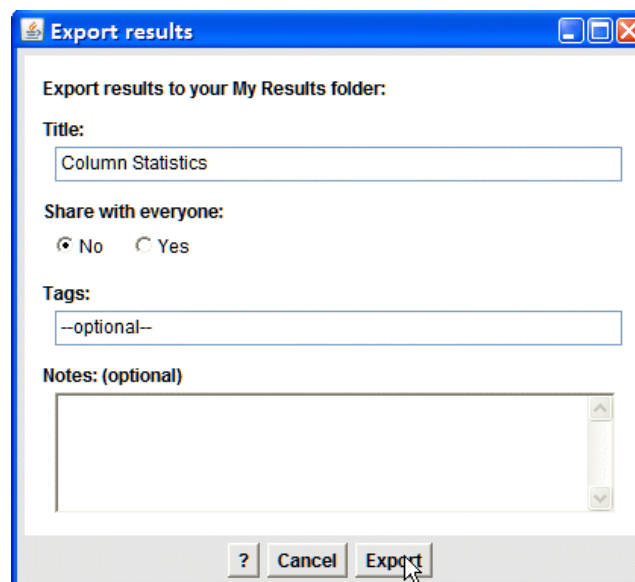
The screenshot shows the 'Column Statistics' dialog box with the 'Options' tab selected. Below the tab, the 'Summary statistics:' section displays a table of statistical measures for the variable 'bwt'.

Column	n	Mean	Variance	Std. Dev.	Std. Err.	Median	Range	Min	Max	Q1	Q3
bwt	100	111.26	438.962	20.95142	2.0951421	112	129	32	161	98.5	124.5

#13 click on OPTIONS, then EXPORT TO MY RESULTS



#14 when you see this screen, click on EXPORT ...



The screenshot shows the 'Export results' dialog box. It contains the following fields and options:

- Export results to your My Results folder:**
- Title:** Column Statistics
- Share with everyone:**  No  Yes
- Tags:** --optional--
- Notes: (optional)**
- Buttons: ? Cancel Export

#15 on the left of the screen you should see a mini-version of your results, click on the title Column Statistics ....

**StatCrunch**  
Data analysis on the Web

Support - Sign out (mikezdeb@sc)

Home Explore My StatCrunch

Data Set Properties  
[Edit - Delete]  
Owner: mikezdeb@sc  
Last edited: Aug 24, 2009  
Size: 3808  
Share: no  
Views: 0

My results for this data:

**Column Statistics**

Column	n	Mean
bwt	100	111.26

By mikezdeb@sc  
On Aug 24, 2009

**birthweight.xls**

StatCrunch Data Stat Graphics Help

Row	bwt	var2	var3	var4	var5	var6	var7	var8	var9	var10
1	58									
2	120									
3	123									
4	104									
5	121									
6	111									
7	91									
8	104									
9	128									
10	133									
11	118									
12	86									
13	134									
14	132									
15	68									

#16 click on COPY and a copy of the table is placed in the Windows clipboard

**StatCrunch**  
Data analysis on the Web

Support - Sign out (mikezdeb@sc)

Home Explore My StatCrunch

Result Properties  
[Edit - Delete]  
Owner: mikezdeb@sc  
Created: Aug 24, 2009  
Size: 1KB

**Column Statistics**  
Copy Print Mail

Summary statistics:

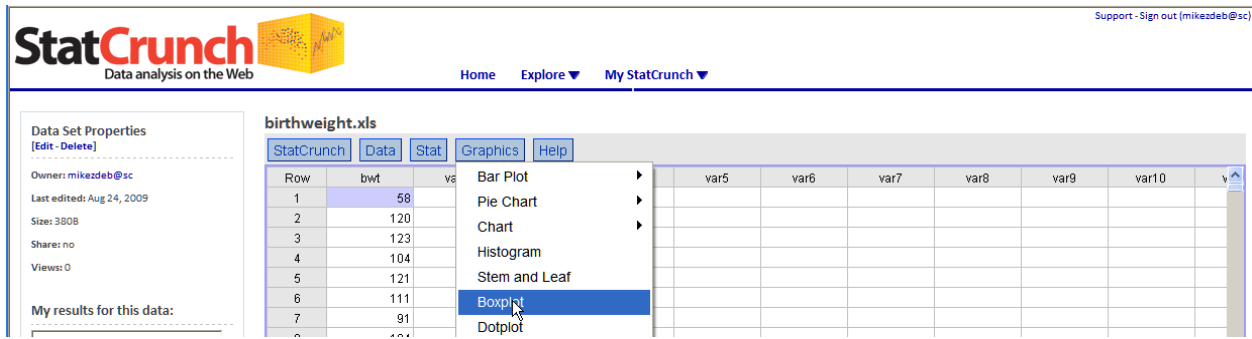
Column	n	Mean	Variance	Std. Dev.	Std. Err.	Median	Range	Min	Max	Q1	Q3
bwt	100	111.26	438.962	20.95142	2.0951421	112	129	32	161	98.5	124.5

#17 you should then be able to PASTE the results into a WORD document ...

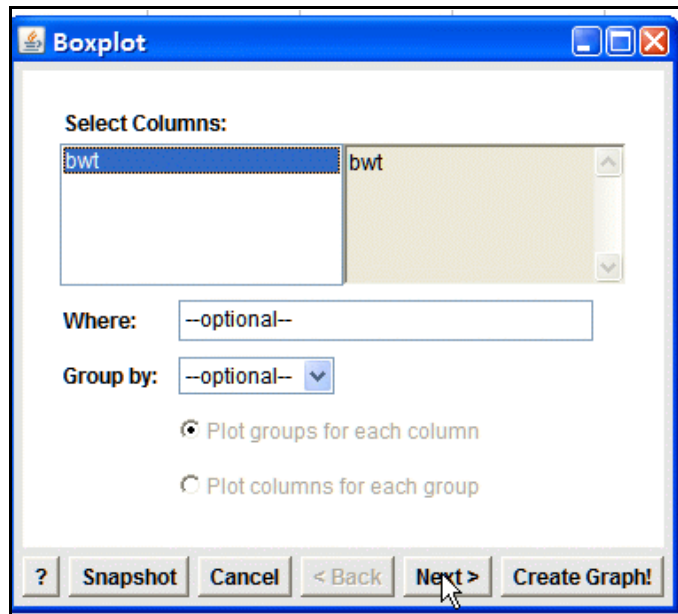
**Summary statistics:**

Column	n	Mean	Variance	Std. Dev.	Std. Err.	Median	Range	Min	Max	Q1	Q3
bwt	100	111.26	438.962	20.95142	2.0951421	112	129	32	161	98.5	124.5

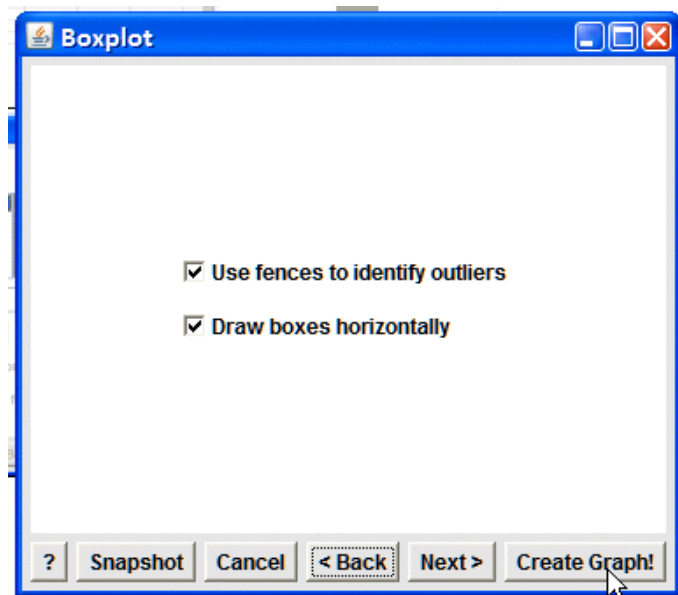
#18 return to the main screen and click on GRAPHICS / Boxplot



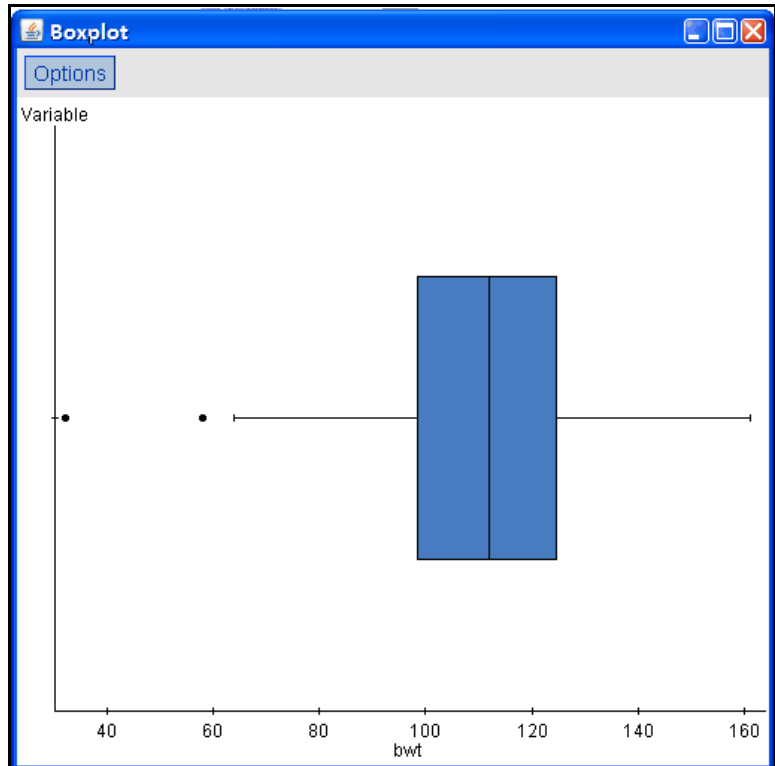
#19 first click on the variable name BWT and it will move a copy of the name to the gray box on the right ... then click on NEXT



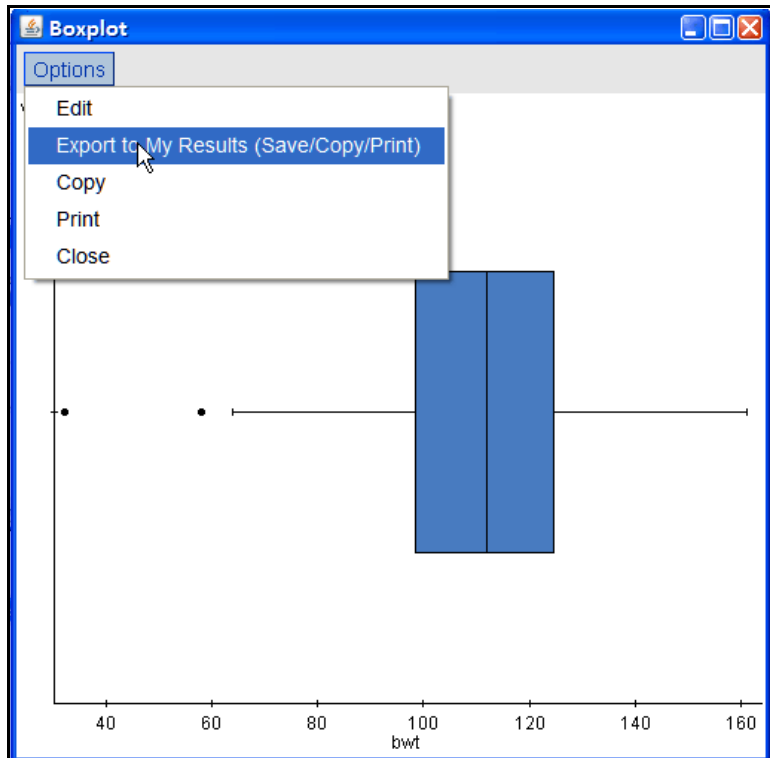
\$19 check off both boxes and click on Create Graph



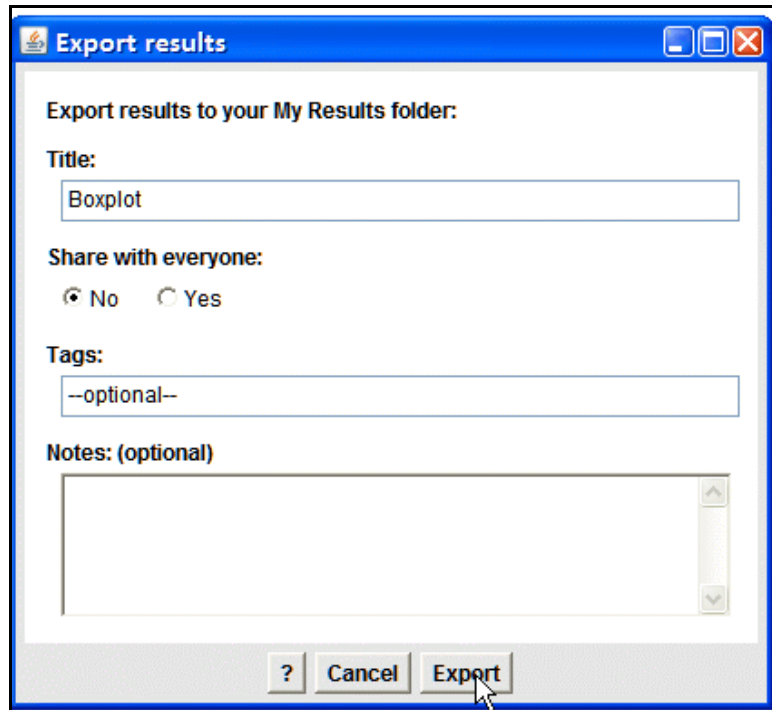
#20 you should see a boxplot (looks like there are two outliers)



#21 click on OPTIONS, then EXPORT TO MY RESULTS



#20 click on EXPORT (the process is the same as when you exported the tabular results)



#21 on the left of the screen you should see a mini-version of your results, click on the title Boxplot ...

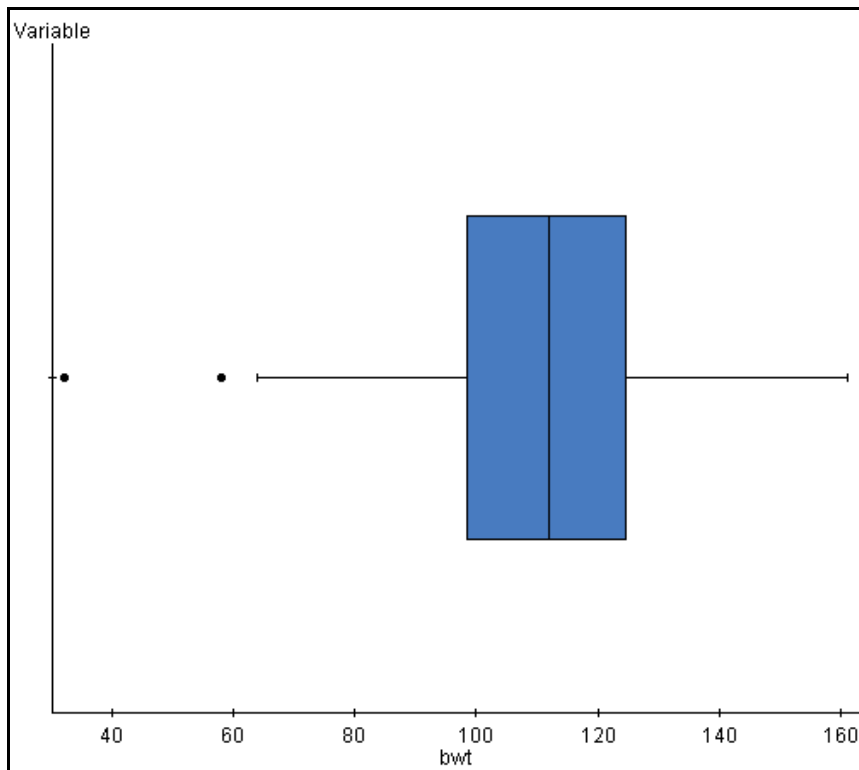
Row	bwt	var2	var3	var4	var5	var6	var7	var8	var9	var10	v
1	58										
2	120										
3	123										
4	104										
5	121										
6	111										
7	91										
8	104										
9	128										
10	133										
11	118										
12	86										
13	134										
14	132										
15	68										

Column	n	Mean
bwt	100	111.26

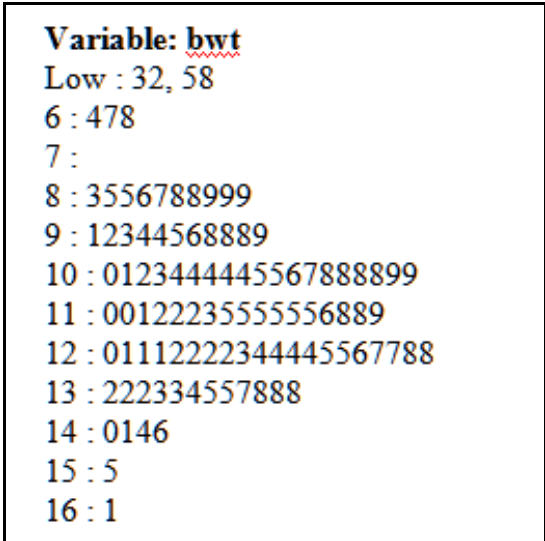
#22 DON'T CLICK ON COPY ... RIGHT-CLICK on the image and thn click on COPY and a copy of the image is placed in the Windows clipboard

The screenshot shows the StatCrunch web interface. On the left, there is a sidebar with 'Result Properties' for a boxplot, including a thumbnail, owner information (mikezdeb@sc), creation date (Aug 24, 2009), size (3KB), and data set details (birthweight.xls). The main area displays a boxplot titled 'Boxplot' for a variable. A context menu is open over the boxplot, listing options such as 'Open Link', 'Show Picture', 'Cut', 'Copy', 'Copy Shortcut', 'Paste', 'Add to Favorites...', and 'Properties'. The 'Copy' option is highlighted in blue, and a mouse cursor is pointing at it.

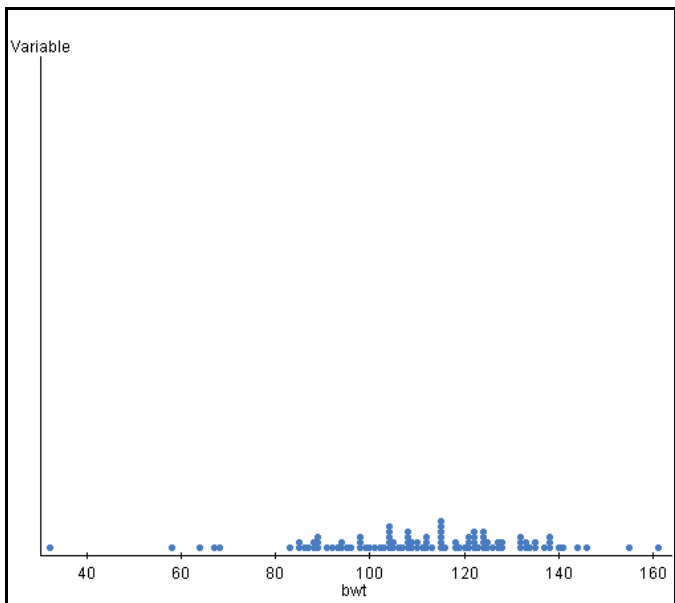
#23 you should then be able to PASTE the results into a WORD document ...



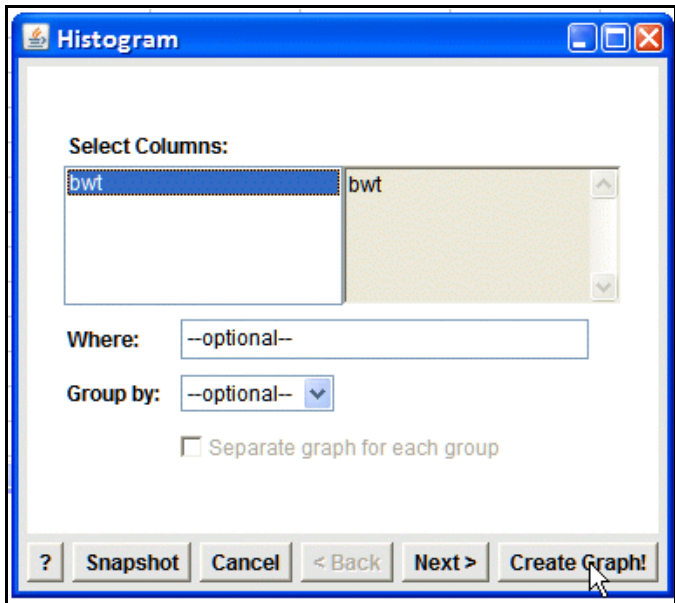
#24 go back to the main page and use the GRAPHICS tab to create a STEM-AND-LEAF plot ... even though STATCRUNCH calls it a 'GRAPHIC' it is really created as a text table



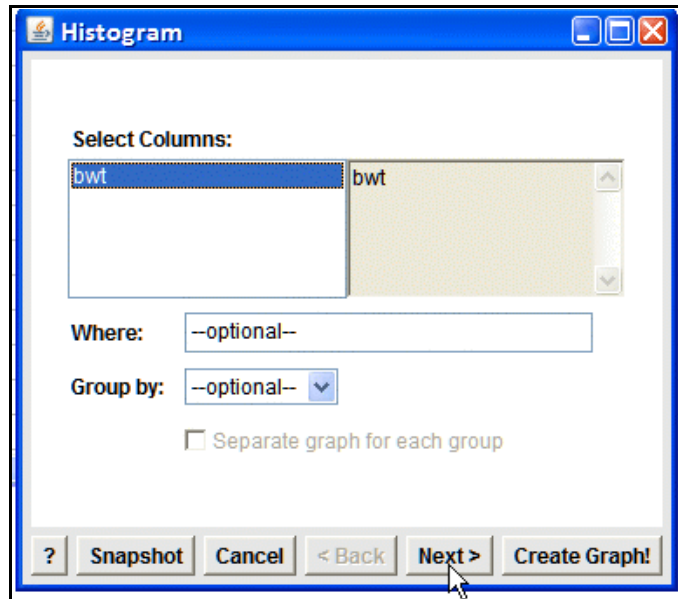
#25 go back to the main page and use the GRAPHICS tab to create a DOTPLOT ... there's no way to control the LEFT-AXIS so the plot is too "tall" but it gets the point across as to the distribution of the data (if you bought the "Cartoon Guide" text, look at page 9)



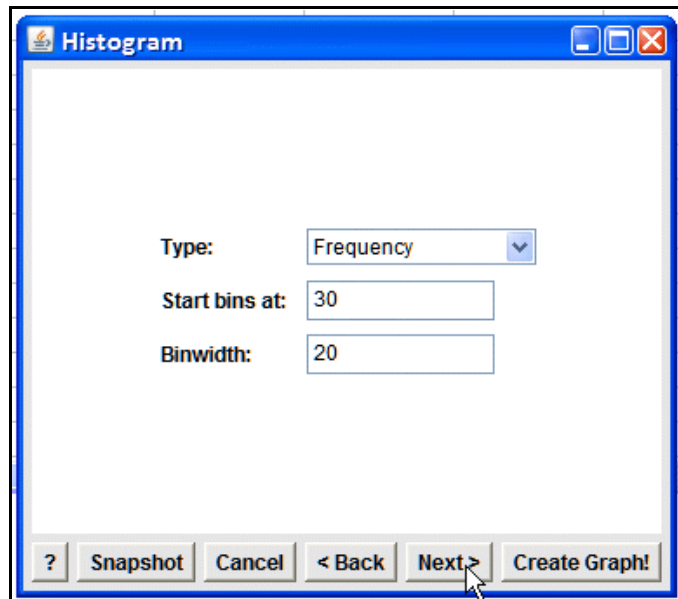
#26 go back to the main page and use the GRAPHICS tab to create a HISTOGRAM (actually you will create a few histograms) ... for the first one, just use whatever STATCRUNCH decides on how to present your data by clicking on CREATE GRAPH



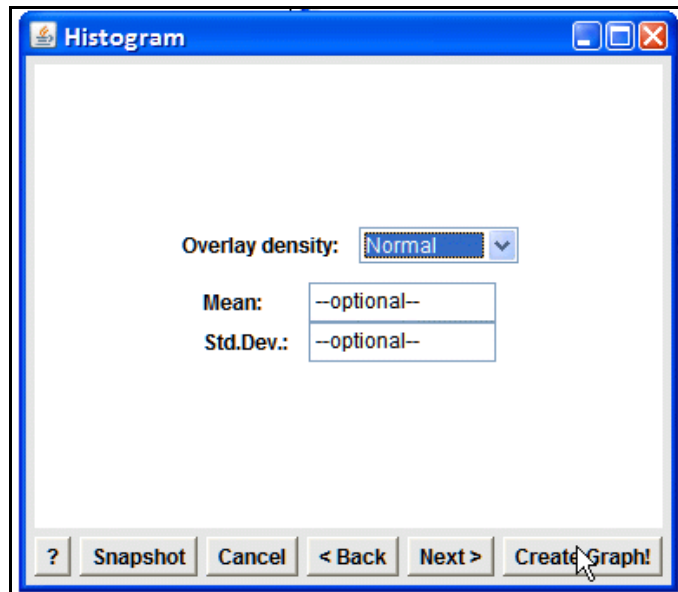
#27 for the next histogram, DON'T click on CREATE GRAPH ... click on NEXT



#28 enter the values shown on the right and click on NEXT



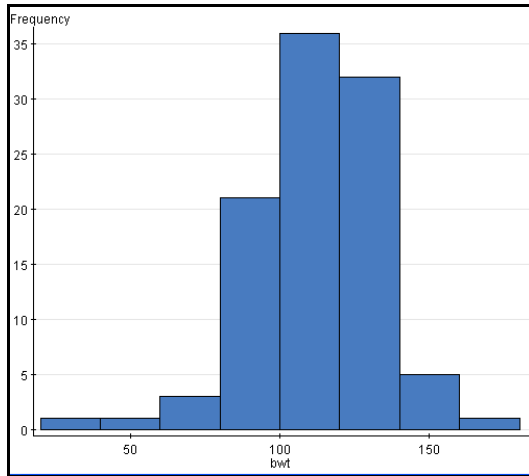
#29 select a NORMAL curve to overlay on the histogram and then select CREATE GRAPH



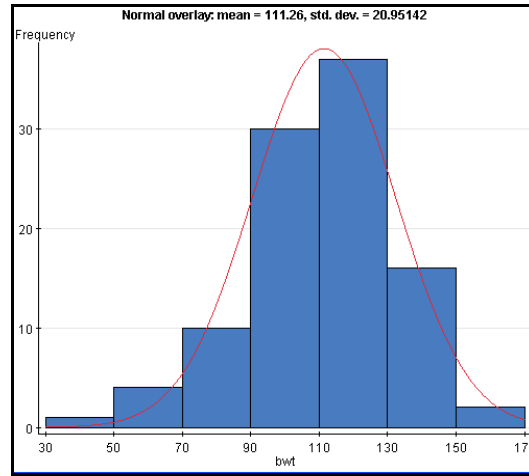
#30 one more histogram ... just follow the previous process, but on the screen where you can specify START BINS and BINWIDTH, use 30 and 10 (not 30 and 20 as in step #28)

here are the three histograms ...

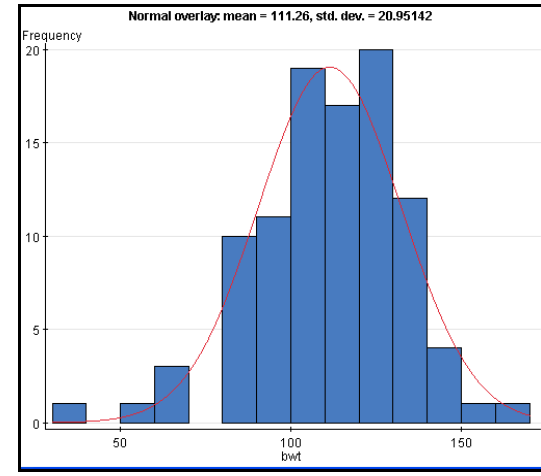
STATCRUNCH "choices"



BINWIDTH: 20



BINWIDTH: 10



So ... how would you choose to present these data ???