

LOAD THE DATA HOSPITAL.XLS AND COMPUTE THE MEDIAN OF AGE ... YOU CAN SEE THAT IT IS 41

Column	n	Mean	Variance	Std. Dev.	Std. Err.	Median	Range	Min	Max	Q1	Q3
AGE	25	41.24	404.10666	20.102404	4.020481	41	78	4	82	25	56

YOU CAN ADD A NEW VARIABLE (COLUMN) INDICATING WHETHER A ROW IS ABOVE OR BELOW THE MEDIAN VALUE FOR AGE

CLICK ON DATA

THEN CLICK ON BIN COLUMNS

SELECT AGE (IN BIN COLUMN)

SELECT USE CUT POINTS

ENTER THE MEDIAN AS THE ONLY CUT POINT

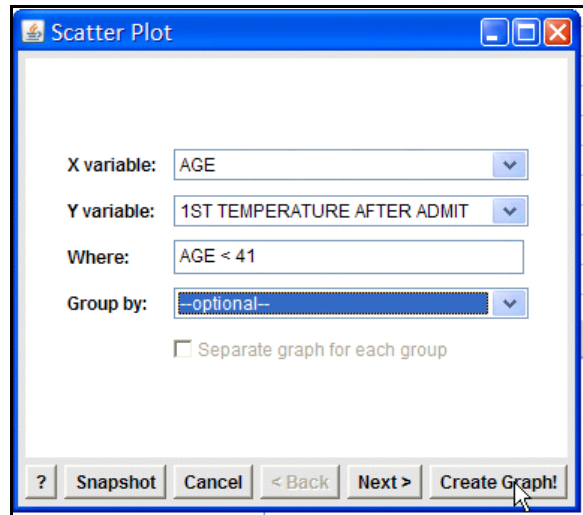
CLICK ON CALCULATE

THERE IS A NEW COLUMN IN THE DATA SET NAME BIN(AGE) THAT INDICATES WHETHER THE ROW IS ABOVE OR BELOW THE MEDIAN VALUE OF 41

hospital.xls											
StatCrunch Data Stat Graphics Help											
Row	ID	DURATION O>	AGE	GENDER (1/>	1ST TEMPER>	1ST WBC (x1 >	ANTIBIOTICS>	BACTERIA C>	SERVICE (1/>	Bin(AGE)	
1	1	5	30	2	99	8	2	2	1	Below 41	
2	2	10	73	2	98	5	2	1	1	41 or above	
3	3	6	40	2	99	12	2	2	2	Below 41	
4	4	11	47	2	98.2	4	2	2	2	41 or above	
5	5	5	25	2	98.5	11	2	2	2	Below 41	
6	6	14	82	1	96.8	6	1	2	2	41 or above	
7	7	30	60	1	99.5	8	1	1	1	41 or above	
8	8	11	56	2	98.6	7	2	2	1	41 or above	
9	9	17	43	2	98	7	2	2	1	41 or above	
10	10	3	50	1	98	12	2	1	2	41 or above	
11	11	9	59	2	97.6	7	2	1	1	41 or above	
12	12	3	4	1	97.8	3	2	2	2	Below 41	

RESTRICTING ROWS ...

YOU CAN USE THE WHERE BOX TO RESTRICT THE ROWS THAT ARE USED IN GRAPHICS



HERE'S THE SCATTER PLOT

AGE ON THE X-AXIS LIMITED TO ROWS < 41

