#W#3

MA

6.5-12.5

12.5 - 18.5

18.5 - 24.5

24.5-30.5

30.5-36.5

36.5-42.5

42.5-48.5

Some Scale

as A

PS. 49

16. Same scale

<u>(1asses#</u>  $-\frac{45}{8} = 5.63$ Start -

7-8-67 C.W.

(in months) Resourcher A:

Survival Length Frequency Relative Frequency Comulative R.F.

0.5-6.5

2 -> = 0.05 -> 0.05 0.13 7.05+.13 70.18

 $0.23 \rightarrow .18+.23 \rightarrow 0.41$ 0.13 -> 41+.13 - 0.57

0,18 7.54+.18 30.72

0.18 7.72+.18 > 0.90 0.05 7.90+.05 70.95

0.08 - .95 + .08 - W 1.03

Researcher B: C.R.F.

Frequency 3 0.08 0.08 0.13 0.05

1( 0.28 0.41 8 0.20 0,61

0.15 0.76

0.15 0.91 0.99 0.08

0.03 1.02

17. The term data is referring to the survival length of each patient in monts.

18. The first that I think the data may defer ->

their symptoms at different lengths of time from they contracted the disease. Another season that the data may leter is due to the fact that some patients may have started healthier than others. 19.) I suppose one way to tell it one remarcher is correct while the other is incorrect would be if one researcher entered to two many or to little sets of data. 201 I would not expect the data to be identicle, because each patient is different. 21.) One method would be to search out patients of different ages. Another would be to scarch out patients who Started out healthier (1053 healthy than others. P9.57 3. largest value Smallest Value Classes#
630 2 8 630-2 -628 = Kange  $\frac{628}{3} = 78.5 \rightarrow 79 \leftarrow 0.0.7$   $\frac{628}{3} = 78.5 \rightarrow 79 \leftarrow 0.0.7$   $\frac{1}{3} = \frac{1}{3} + 79 = \frac{1}{3} = \frac{1}{$ 10wer-7618+79=347, 347+79=476,476)+79-555,655479 Upper 7 80, WMM, 159, 238, 317, 396, 475, 554, 633

Upper-> 80.5, 151.5,38.5, 317.5,396.5,475.5,554.5,6335 9 Lower -> 1.5, 80.9, 159.5, 238.5, 317.5, 56.5, 475.5, 554.5, (1055 boundries SM2+80 -41) 81+199 = 120.5, 160+238 = 199 da 55 mid points 239+317 = 274 318+396 = 357 397+475 (436) 476+559 = 515, 555+683 = 594 Class Limits Class boundries Class Midpoint Tally 2-80 Am 1.5-80.5 81-159 80.5-159.5 1206 HTT/11K 160-238 159.5-238.5 199 111 239-317 238.9-317.5 278 317.5-36.5 318-396 357 11 397-475 396.5-475.5 4361 476-554 555-633 475.5-554.5 554.5-633.5 515 0 59411 = 56 total Relative Freq. Comulative Free .7 39 .14 47 .05 50 0 5 Q .09 ,02 54 54 .04

4.3 largest volve Smallest Value Classes # 286 114 5

Range = 172 C. W = 35

Class limits 149-148		Class Boundies	Class Mid	Point Tally	Freq	
		113.5-148.5		+++++++	10	
190	149-183	148.5-183.5	166	HHHH111	13	
	187-218	183.5-218.5	201	HITHIT	10	
	219-253	218.5-253.5	236	l	1	
,	254-288	253.5-288.5	271	[]	2	

2.F. .28 .36 .28 .28 .03 .03 .06 36