

values	sorted	range	q-test	
1 32.56	30.1	Qexp1		7
2 35.14	32.56	Qexp2	0.351428571	
3 34.10	33.33		alpha	0.05
4 33.33	34.1		Qcrit	0.526
5 37.10	34.45	Qexp1<Qcrit	null hypothesis is accepted	
6 34.45	35.12	Qexp2<Qcrit	null hypothesis is accepted	
7 35.12	35.14			
8 30.10	37.1	null hypothesis	no outliers in sample	

values	sorted	grubs test		
1 32.56	30.1	Ymin		30.1
2 35.14	32.56	Ymax		37.1
3 34.10	33.33	average		33.9875
4 33.33	34.1	standard deviation		2.073911074
5 37.10	34.45			
6 34.45	35.12	Gmin		1.874477671
7 35.12	35.14	Gmax		1.500787589
8 30.10	37.1	Gcrit		2.13
		Gmin<Gcrit	null hypothesis is accepted	
		Gmax<Gcrit	null hypothesis is accepted	
		null hypothesis	no outliers in sample	

confidence interval

8

intervals 1
from table 7
for n=8 <30,1;35,14>

students confidence interval

count 8
average 33.9875
standard deviation 2.073911074
alpha 0.05
degree of freedom 7
t= 2.364624252
s.e.m 0.733238292
L1 32.25366695
L2 35.72133305

<35,25;35,72>