set1	set2				
16.38	16.84	Grubb's test:			$C = \max Y_i $
19.15	15.46	H0 = no outli	er in the da	ita set 1.	$G = \frac{s}{s}$
19.1	14.41	Ha = one out	lier in the d	lata set 1.	
19.28	18.1				
19.12	16.99	Max value:	19.28		
18.85	15.11	Min value:	12.45		
18.1	15.1	Mean:	17.92		
19		St. dev.:	2.123247		
17.77					
12.45		T (max)=	0.640528		
		T (min)=	2.576243		
		critical=	2.29		
F-test:					
		H0 is rejected	d as calcula [.]	ted T (min) value is higher th	nan critical value.
9	7 .=N	Therefore, th	ne value 12,	45 is an outlier.	
0.9160	1.7529 .=variance				
18.53	16.00 .=mean				
H0 = both v	variances are equal				
F=	1.913621				
Fcrit2=	5.599623				
H0 is accep	ted as the calculated F	value is lower	r that critica	al value.	
The variand	ces are equal.				
T-test:	H0 = the means of the	2 data sets ar	re equal		
dof=	14	Pool varianc	1.274689		
T=	4.44019				

Decide if the 2 sets of data belong to the same population:

T-test:	H0 = the means of the 2 data sets are equal				
dof=	14	Pool varianc	1.274689		
T=	4.44019				
Tcrit2=	2.144787				

H0 is rejected as the calculated T value is higher than the critical value.

There is a difference between the means of the 2 data sets, they dont belong to the same population.

$$rac{|ar{Y}|}{2}$$
 $G=rac{|ar{Y}-Y_{min}|}{s}$

H0 = no outlier in the data set 2. Ha =one outlier in the data set 2.

Max value:	18.1	T (max)=	1.58505
Min value:	14.41	T (min)=	1.20201
Mean:	16.00	critical=	2.02
St. dev.:	1.32398		

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