

Chlorides

- 32.56
- 35.14
- 34.1
- 33.33
- 37.1
- 34.45
- 35.12
- 30.1

Sorted	Q-test	CI estimation	Z
30.1	0.351429	30.1	1.874478
32.56		32.56	0.688313
33.33		33.33	0.317034
34.1		34.1	0.054245
34.45		34.45	0.223009
35.12		35.12	0.54607
35.14		35.14	0.555713
37.1	0.28	37.1	1.500788
Range	7 total	8	
α	0.05	<30,1:35,14>	
Qcrit	0.526		

H0 is accepted no outliers

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For the Q test and Grubbs test are almost identically for our compraison.
 Student is better to use when we know the standard deviation

Grubbs Test

Student's CI

		30.1	L1	32.25367
α	0.05	32.56	L2	35.72133
Z	2.13	33.33		
		34.1		
		34.45		
		35.12		
		35.14		
		37.1		
	Total	8		
	Mean	33.9875		
	α	0.05		
	v	7		
iers	t	2.364624		
	S	2.073911		