

NON- PARAMETRICAL

CHLORIDES SORTED

32.56	30.10
35.14	32.56
34.10	33.33
33.33	34.10
37.10	34.45
34.45	35.12
35.12	35.14
30.10	37.10

Q-TEST

0.351429

Ho: there is no outliers present

H1: there is outliers present

ALPHA 0.05

RANGE 7.00

Q CRITICAL 0.526

0.28000

Since $0.351 < 0.526$, we accept Ho, ther

N: 8

CONFIDENCE INTERVAL

< 30.10 ; 35.14 >

PARAMETRICAL

GRUDDS'S TEST

AVERAGE: 33.99

STAND.D: 2.073911

Tmax: 1.500788

Tmin : 1.874478

CRITICAL

VALUE : 2.126

since $1.874 < 2.126$, Ho is accepted, the

STUDENT'S TEST

MEAN: 33.99

STAND.D: 2.073911

Sx: 0.733238

D.O.F: 7

t: 2.364624

CONFIDENCE INTERVAL: < 32.25367 35.721333

Conclusion: the parametrical method is more suitable baca

There is no outliers present

Ho: there is no outliers
H1: there is outliers

There is no outliers

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These results are more accurate for this experiment.