## Durbin-Watson Test

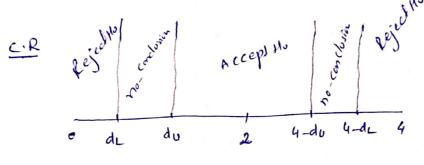
Ho: There is no auto correlation

HI: There is autocorrelation

d= 0.05

Test-Statistic

$$d = \frac{\sum (e_i - e_{i,i})^2}{\sum e_i^2}$$



Conclusion

In on experiment to measure the Stillness of a spring the length of the spring under different loads was measured as The regression equations appropriate for predicting the length on the basis of weight as

$$\hat{\gamma} = 8.74 + 1.62 \times \frac{1}{(wish)}$$
(rength)

residual and the observed date are as follow

Took the auto correlation using Durbin-workson Test at 51. level of

$$\frac{\zeta_{sh}}{c_{s}} = \frac{\zeta_{sh}}{c_{s}} = \frac{\zeta_{sh}}{c_{sh}} = \frac{\zeta_{sh$$

de=

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