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Soal :

N= 4

Sample : 4, 5, 4, 5

H0 : Rata2 = 4, H1 : Rata2 != 4

Taraf uji =  **α =** 5%

Ditanya : Uji hipotesis

Jawaban :

V = 4 – 1 = 3

Rata2 = (4 + 5 + 4 + 5)/4 = 4,5

|  |  |  |
| --- | --- | --- |
| X | X - Rata2 | (X - Rata2)2 |
| 4 | -0,5 | 0,25 |
| 5 | 0,5 | 0,25 |
| 4 | -0,5 | 0,25 |
| 5 | 0,5 | 0,25 |
|  | Jumlah | 1 |

S2 = 1/(4 – 1) = 1/3

S = 0,577

|  |  |
| --- | --- |
| t = | 4,5 – 4 |
|  | 0,577/2 |

Catatan : 2 didapat dari akar dari jumlah sample yaitu 4

t = 1,733

tα, v = t0,05, 3 = 2,353

t != t**α,** v (Terima H1)