Lampiran 8

Tabel 15. Perhitungan bobot tetas bobot telur kalkun

n	70,00--74,99 g		75,00--80,00 g	
	(X1)	(X1)2	(X2)	(X2)2
	----------%----------			
1	49,50	2450,25	51	2601,00
2	50,00	2500,00	0	0,00
3	50,00	2500,00	52	2704,00
4	50,00	2500,00	0	0,00
5	45,00	2025,00	50	2500,00
6	45,00	2025,00	0	0,00
7	0,00	0,00	0	0,00
8	0,00	0,00	0	0,00
9	49,00	2401,00	50	2500,00
10	0,00	0,00	52	2704,00
Jumlah	338,50	16401,25	255,00	13009,00
Rata-rata	48,36	2343,4	51,00	2601,80
SD	2,32	220,25	1,00	102,00

Perhitungan t-*student* bobot tetas kalkun dari kelompok perlakuan bobot telur 70,00--74,99 ,dan 75,00--80,00 g .

$\sum X_1$ = 338,50
$\sum (X_1)_2$ = 16401,25
$\sum X_2$ = 255,00
$\sum (X_2)_2$ = 13009,00
n_1 =7
n_2 =5
$\overline{X}_1$ = 48,36
$\overline{X}_2$ = 51,00

$SS_1 = \sum [illegible]^2 - \frac{(\sum X_1)^2}{n}$ $= 16401,25 - \frac{(338,50)^2}{7} = 32,36$

$SS_2 = \sum X_1^2 - \frac{(\sum X_2)^2}{n}$ $= 13009,00 - \frac{(255)^2}{5} = 4$

$S_{X_1-X_2} = \sqrt{\frac{SS_1 + SS_2}{n_1 + n_2 - 2}\left(\frac{1}{n_1} + \frac{1}{n_2}\right)}$ $= \sqrt{\frac{32,36 + 4}{7 + 5 - 2}\left(\frac{1}{7} + \frac{1}{5}\right)} = 1,89$

$t = \frac{|\bar{x}_1 - \bar{x}_2|}{S_{\bar{x}_1 - \bar{x}_2}} = \frac{|48,36 - 51,00|}{1,89} = 4,04$