

Lampiran 10

Tabel 16. Data pengaruh umur induk kalkun terhadap bobot tetas telur kalkun

Ulangan	Perlakuan		
	P1	P2	P3
	-----g-----		
1	49,00	50,00	58,00
2	50,00	53,00	56,00
3	49,50	55,00	57,00
4	47,50	53,50	58,00
5	50,00	53,00	54,00
6	49,00	58,00	58,00
Jumlah	295,00	322,50	341,00
Rata—rata	49,17	53,75	56,83

Keterangan : P1 : umur induk kalkun 9 bulan

P2 : umur induk kalkun 11 bulan

P3 : umur induk kalkun 13 bulan

$$\text{Faktor koreksi C} = \frac{Y..^2}{r.p} = \frac{(958,50)^2}{6 \times 3} = \frac{918.722,3}{18} = 51.040,13$$

$$\begin{aligned} \text{JK(T)} &= \sum \sum y_{ij}^2 - C \\ &= (49,00^2 + 50,00^2 + \dots + 58,00^2) - 51.040,13 \\ &= 51.270,75 - 51.040,13 = 230,62 \end{aligned}$$

$$\begin{aligned} \text{JK(P)} &= 1/r \sum y_i^2 - C \\ &= 1/6 \times (295,00^2 + 322,50^2 + 341,00^2) - 51.040,13 \\ &= 1/6 \times (307.312,3) - 51.040,13 = 178,58 \end{aligned}$$

$$\begin{aligned} \text{JK(G)} &= \text{JK(T)} - \text{JK(P)} \\ &= 230,63 - 178,58 = 52,04 \end{aligned}$$

$$\begin{aligned} \text{KT(P)} &= \text{JK(P)} / (p-1) \\ &= 178,58 / 2 = 89,29 \end{aligned}$$

$$\text{KT(G)} = \text{JK(G)} / p(r-1)$$

$$= 52,04 / 3(5)$$

$$= 3,47$$

$$KK = \frac{\sqrt{KT(G)}}{y} \times 100\% = \frac{\sqrt{3,47}}{53,25} \times 100\% = 3,50 \%$$

$$F_{hit} = \frac{KT(P)}{KT(G)} = \frac{89,29}{3,47} = 25,74$$

Keterangan:

C : faktor koreksi

JK(T) : jumlah kuadrat total

JK(G) : jumlah kuadrat galat

KT(P) : kuadrat tengah perlakuan

KT(G) : kuadrat tengah galat

KK : koefisien keragaman

F_{hit} : F hitung