Tabel 15. Perhitungan analisis ragam denyut jantung *broiler* umur 24 hari

Ulangan	Perlakuan		
	P0	P1	P2
	----------kali/menit----------		
1	268,00	264,00	264,00
2	254,00	286,00	272,00
3	258,00	278,00	298,00
4	274,00	274,00	266,00
5	258,00	280,00	274,00
6	252,00	266,00	266,00
Jumlah	1564,00	1648,00	1640,00
Rata-rata	260,67±8,55	274,67±8,45	273,33±12.69

Keterangan : P0 = air minum biasa
P1 = air rebusan kunyit 10 g/600 ml
P2 = air rebusan temulawak 10 g/600 ml

$$C = \frac{Y^2}{p.r} = \frac{(4852,00)^2}{3 \times 6} = \frac{23541904,00}{18} = 1307883,56$$

$$JK(T) = \sum\sum yij^2 - C = (268,00^2+264,00^2+...+266,00^2) - 1307883,56 = 2244,44$$

$$JK(P) = \frac{1}{6}\sum yi^2 - C = \frac{1}{6} x\ (1564,00^2+1648,00^2+ 1640,00^2) - 1307883,56 = 716,44$$

$$JK(g) = JK(T) - JK(P) = 2244,44 - 716,44 = 1528,00$$

$$KT\ (p) = \frac{JK(P)}{p-1} = \frac{716,44}{2} = 358,22$$

$$KT\ (g) = \frac{JK(g)}{(r-1)p} = \frac{1528,00}{15} = 101,87$$

$$KK = \frac{\sqrt{KT\ (g)}}{y} \times 100\% = \frac{\sqrt{101,87}}{4852,00} \times 100\% = 1,25\%$$

$$Fhit = \frac{KT(p)}{KT(g)} = \frac{358,22}{101,87} = 3,52$$

Keterangan:

C	:	faktor koreksi	KT(g)	:	kuadrat tengah galat
JK(T)	:	jumlah kuadrat total	KK	:	koefisen keragaman
JK(g)	:	jumlah kuadrat galat	Fhit	:	F hitung
KT(p)	:	kuadrat tengah perlakuan			