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LAMPIRAN

Lampiran 1. Hasil analisis regresi hubungan panjang bobot sampel pertama ikan jantan

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0,6622
R Square	0,4385
Adjusted R Square	0,4275
Standard Error	0,0439
Observations	53

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	0,0768	0,0768	39,8260	0,0000
Residual	51	0,0984	0,0019		
Total	52	0,1753			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95,0%</i>	<i>Upper 95,0%</i>
Intercept	-2,2385	0,5168	-4,3317	0,0001	-3,2760	-1,2010	-3,2760	-1,2010
X Variable 1	1,6722	0,2650	6,3108	0,0000	1,1402	2,2042	1,1402	2,2042

$$a = 0,0058$$

$$b = 1,6722$$

$$t_{hit} = \left| \frac{3-b}{s_b} \right|$$

$$= \left| \frac{3-1,6722}{0,2650} \right|$$

$$= 5,0110$$

$$t_{0,05(51)} = 2,0076 (t_{tab})$$

Lampiran 2. Hasil analisis regresi hubungan panjang bobot sampel pertama ikan betina

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0,6938
R Square	0,4813
Adjusted R	0,4758
Standard E	0,0494
Observatic	96

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regressor	1	0,2132	0,2132	87,2368	0,0000
Residual	94	0,2298	0,0024		
Total	95	0,4430			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95,0%</i>	<i>Upper 95,0%</i>
Intercept	-2,5721	0,3862	-6,6601	0,0000	-3,3389	-1,8053	-3,3389	-1,8053
X Variable	1,8447	0,1975	9,3401	0,0000	1,4525	2,2368	1,4525	2,2368

$$a = 0,0027$$

$$b = 1,8447$$

$$t_{hit} = \left| \frac{3-b}{s_b} \right|$$

$$\left| \frac{3-1,8447}{0,1975} \right|$$

$$= 5,8496$$

$$t_{0,05(94)} = 1,9855 (t_{tab})$$

Lampiran 3. Hasil analisis regresi hubungan panjang bobot sampel pertama (gabungan)

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0,6871
R Square	0,4721
Adjusted R Square	0,4685
Standard Error	0,0473
Observations	149

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	0,2942	0,2942	131,4436	0,0000
Residual	147	0,3291	0,0022		
Total	148	0,6233			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95,0%</i>	<i>Upper 95,0%</i>
Intercept	-2,4817	0,3064	-8,1007	0,0000	-3,0872	-1,8763	-3,0872	-1,8763
X Variable 1	1,7979	0,1568	11,4649	0,0000	1,4880	2,1078	1,4880	2,1078

$$a = 0,0033$$

$$b = 1,7979$$

$$t_{hit} = \left| \frac{3-b}{s_b} \right|$$

$$= \left| \frac{3-1,7979}{0,1568} \right|$$

$$= 7,6654$$

$$t_{0,05(147)} = 1,9762 (t_{tab})$$

Lampiran 4. Hasil analisis dan uji statistik jantan dan betina sampel pertama

$$\begin{aligned}SE_{(b_1-b_2)} &= \sqrt{(Sb_1)^2 + (Sb_2)^2} \\&= \sqrt{(0,1975)^2 + (0,2649)^2} \\&= \sqrt{(0,0390) + (0,0702)} \\&= \sqrt{0,1092} \\&= 0,3304\end{aligned}$$

$$\begin{aligned}t_{hitung} &= \left| \frac{b_1 - b_2}{SE_{(b_1-b_2)}} \right| \\&= \left| \frac{1,8447 - 1,6722}{0,3304} \right| \\&= 0,5220\end{aligned}$$

$$t_{0,05(145)} = 1,9765 (t_{tab})$$

Lampiran 5. Hasil analisis regresi hubungan panjang bobot jantan sampel kedua

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0,8244
R Square	0,6797
Adjusted R	0,6779
Standard E	0,0338
Observatic	176

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regressor	1	0,4226	0,4226	369,2392	0,0000
Residual	174	0,1992	0,0011		
Total	175	0,6218			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95,0%</i>	<i>Upper 95,0%</i>
Intercept	-3,9237	0,2612	-15,0199	0,0000	-4,4393	-3,4081	-4,4393	-3,4081
X Variable	2,5507	0,1327	19,2156	0,0000	2,2887	2,8127	2,2887	2,8127

$$a = 0,0001$$

$$b = 2,5507$$

$$t_{hit} = \left| \frac{3-b}{s_b} \right|$$

$$= \left| \frac{3-0,001}{0,1327} \right|$$

$$= 3,3847$$

$$t_{0,05(174)} = 1,9737 (t_{tab})$$

Lampiran 6. Hasil regresi hubungan panjang bobot betina sampel kedua

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0,9174
R Square	0,8416
Adjusted R Square	0,8408
Standard Error	0,0273
Observations	191

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	0,7466	0,7466	1004,1294	0,0000
Residual	189	0,1405	0,0007		
Total	190	0,8871			

	<i>Coefficient</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95,0%</i>	<i>Upper 95,0%</i>
Intercept	-4,4144	0,1749	-25,2458	0,0000	-4,7594	-4,0695	-4,7594	-4,0695
X Variable 1	2,8019	0,0884	31,6880	0,0000	2,6274	2,9763	2,6274	2,9763

$$a = 0,000039$$

$$b = 2,8019$$

$$t_{hit} = \left| \frac{3-b}{s_b} \right|$$

$$= \left| \frac{3-2,8017}{0,0884} \right|$$

$$= 2,2409$$

$$t_{0,05(189)} = 1,9726 (t_{tab})$$

Lampiran 7. Hasil analisis regresi hubungan panjang bobot sampel kedua (gabungan)

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0,8855
R Square	0,7842
Adjusted R Square	0,7836
Standard Error	0,0307
Observations	367

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	1,2492	1,2492	1326,2145	0,0000
Residual	365	0,3438	0,0009		
Total	366	1,5931			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95,0%</i>	<i>Upper 95,0%</i>
Intercept	-4,26054	0,14752	-28,88021	0,00000	-4,55064	-3,97043	-4,55064	-3,97043
X Variable 1	2,72301	0,07477	36,41723	0,00000	2,57597	2,87004	2,57597	2,87004

$$a = 0,000055$$

$$b = 2,7230$$

$$t_{hit} = \left| \frac{3-b}{s_b} \right|$$

$$= \left| \frac{3-2,7230}{0,0748} \right|$$

$$= 3,7045$$

$$t_{0,05(365)} = 1,9665 (t_{tab})$$

Lampiran 8. Hasil analisis dan uji statistik Jantan dan Betina sampel 2

$$\begin{aligned}SE_{(b_1-b_2)} &= \sqrt{(Sb_1)^2 + (Sb_2)^2} \\&= \sqrt{(0,0884)^2 + (0,1327)^2} \\&= \sqrt{(0,078)^2 + (0,0176)^2} \\&= \sqrt{0,0254} \\&= 0,1594\end{aligned}$$

$$\begin{aligned}t_{hitung} &= \left| \frac{b_1 - b_2}{SE_{(b_1-b_2)}} \right| \\&= \left| \frac{2,8019 - 2,5507}{0,1594} \right| \\&= 1,5752\end{aligned}$$

$$t_{0,05(367)} = 1,9665 (t_{tab})$$

