

Model Fungsional

Figure 13: Fungsional

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Residuals:
    Min       1Q   Median       3Q      Max
-2.477 -1.140 -0.557   0.558  39.804

Coefficients:
              Estimate Std. Error t value Pr(>|t|)
(Intercept)   0.66800    0.87073   0.767   0.443
ecoprc        -2.86171    0.59121  -4.840 1.62e-06 ***
regprc         3.01873    0.71133   4.244 2.52e-05 ***
log(faminc)    0.20320    0.15518   1.310   0.191
educ           0.02629    0.04566   0.576   0.565
hhsize         0.05297    0.06450   0.821   0.412
inseason      -0.19152    0.20552  -0.932   0.352
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 2.482 on 653 degrees of freedom
Multiple R-squared:  0.04291, Adjusted R-squared:  0.03412
F-statistic:  4.88 on 6 and 653 DF, p-value: 6.847e-05

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Figure 14: Uji Multikolinearitas

ecoprc	regprc	log(faminc)	educ	hhsize	inseason
3.265756	3.234142	1.162120	1.153178	1.036093	1.009872

Figure 15: Uji Breusch-Pagan

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studentized Breusch-Pagan test

data: apple7
BP = 5.8598, df = 6, p-value = 0.4391

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Figure 16: White Robust Standard Error

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t test of coefficients:

              Estimate Std. Error t value Pr(>|t|)
(Intercept)   0.667998    0.817312   0.8173 0.4140485
ecoprc        -2.861707    0.751950  -3.8057 0.0001547 ***
regprc         3.018730    1.822402   1.6565 0.0981097 .
log(faminc)    0.203205    0.372005   0.5462 0.5850860
educ           0.026292    0.817312   0.0322 0.9743468
hhsize         0.052971    0.751950   0.0704 0.9438610
inseason      -0.191521    1.822402  -0.1051 0.9163347
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

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Figure 17: Hasil Setelah Robust (Persamaan 3)

Permintaan Apel organik	
Dependent variable:	
ecolbs	
ecoprc	-2.8617*** (.5654)
regprc	3.0187*** (.9089)
log(faminc)	.2032 (.1370)
educ	.0263 (.0391)
hhsize	.0530 (.0564)
inseason	-.1915 (.1696)
Constant	.6680 (.7002)
observations	660
R2	0.0401
Adjusted R2	0.0312
Residual Std. Error	2.4860 (df = 653)
F Statistic	4.5410*** (df = 6; 653)
Notes: Robust standar error dalam tanda kurung	
*** Signifikan pada tingkat 1 persen	
** Signifikan pada tingkat 5 persen	
* Signifikan pada tingkat 10 persen	
Note: *p<0.1; **p<0.05; ***p<0.01	

Model Interaksi

Figure 18: Interaksi

Residuals:

Min	1Q	Median	3Q	Max
-2.434	-1.138	-0.575	0.552	39.860

Coefficients:

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	1.331525	0.843968	1.578	0.115
ecoprc	-3.007835	0.637114	-4.721	2.87e-06 ***
regprc	3.006383	0.712211	4.221	2.78e-05 ***
faminc	0.002359	0.002872	0.821	0.412
educ	0.035216	0.045230	0.779	0.436
hhsize	0.058419	0.064335	0.908	0.364
inseason	-0.614046	0.771179	-0.796	0.426
ecoprc:inseason	0.403643	0.693710	0.582	0.561

 signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 2.486 on 652 degrees of freedom
 Multiple R-squared: 0.0418, Adjusted R-squared: 0.03152
 F-statistic: 4.064 on 7 and 652 DF, p-value: 0.0002247

Figure 19: Uji Multikolinearitas

ecoprc	regprc	faminc	educ	hhsize	inseason	ecoprc:inseason
3.782388	3.233445	1.123531	1.128323	1.028091	14.181099	14.429985