

Model Fungsional

Figure 13: Fungsional

```
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    
hsize        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
```

Figure 14: Uji Multikolinearitas

```
          ecoprc      regprc log(faminc)      educ      hsize      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
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```
data: apple7
BP = 5.8598, df = 6, p-value = 0.4391
```

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  
hsize        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
```

Figure 17: Hasil Setelah Robust (Persamaan 3)

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Permintaan Apel Organik
=====
                                         Dependent variable: ecolbs
=====
ecoprc                                -2.8617*** (.5654)
regprc                                 3.0187*** (.9089)
log(faminc)                            .2032 (.1370)
educ                                    .0263 (.0391)
hysize                                  .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
hysize       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	hysize	inseason	ecoprc:inseason
3.782388	3.233445	1.123531	1.128323	1.028091	14.181099	14.429985