**LAMPIRAN 2**

## 1. HASIL REGRESI DATA PANEL
## COMMON EFFECT MODEL

Dependent Variable: LOG(PTK?)
Method: Pooled Least Squares
Date: 02/24/19   Time: 23:18
Sample: 2010 2017
Included observations: 8
Cross-sections included: 35
Total pool (balanced) observations: 280

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 10.10463 | 1.034551 | 9.767162 | 0.0000 |
| LOG(PDRB?) | 0.688320 | 0.029150 | 23.61280 | 0.0000 |
| LOG(UMK?) | 0.090712 | 0.082212 | 1.103388 | 0.2708 |
| INFLASI? | -0.004370 | 0.008240 | -0.530337 | 0.5963 |
| IPM? | -0.073701 | 0.004234 | -17.40862 | 0.0000 |

| | | | |
|---|---|---|---|
| R-squared | 0.745834 | Mean dependent var | 12.93876 |
| Adjusted R-squared | 0.742137 | S.D. dependent var | 0.599571 |
| S.E. of regression | 0.304463 | Akaike info criterion | 0.477163 |
| Sum squared resid | 25.49192 | Schwarz criterion | 0.542070 |
| Log likelihood | -61.80286 | Hannan-Quinn criter. | 0.503198 |
| F-statistic | 201.7426 | Durbin-Watson stat | 0.030395 |
| Prob(F-statistic) | 0.000000 | | |

# LAMPIRAN 3

## FIXED EFFECT MODEL

Dependent Variable: LOG(PTK?)
Method: Pooled Least Squares
Date: 02/24/19   Time: 23:19
Sample: 2010 2017
Included observations: 8
Cross-sections included: 35
Total pool (balanced) observations: 280

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 12.11958 | 0.190024 | 63.77929 | 0.0000 |
| LOG(PDRB?) | 0.023465 | 0.037995 | 0.617587 | 0.5374 |
| LOG(UMK?) | 0.000289 | 0.017071 | 0.016918 | 0.9865 |
| INFLASI? | -0.002150 | 0.000910 | -2.361199 | 0.0190 |
| IPM? | 0.008660 | 0.003772 | 2.295989 | 0.0225 |
| Fixed Effects (Cross) | | | | |
| _KABCILACAP--C | 0.556192 | | | |
| _KABBANYUMAS--C | 0.553172 | | | |
| _KABPURBALINGGA--C | 0.106466 | | | |
| _KABBANJARNEGARA--C | 0.187918 | | | |
| _KABKEBUMEN--C | 0.393551 | | | |
| _KABPURWOREJO--C | -0.169832 | | | |
| _KABWONOSOBO--C | -0.000795 | | | |
| _KABMAGELANG--C | 0.452947 | | | |
| _KABBOYOLALI--C | 0.195581 | | | |
| _KABKLATEN--C | 0.325444 | | | |
| _KABSUKOHARJO--C | -0.018247 | | | |
| _KABWONOGIRI--C | 0.234540 | | | |
| _KABKARANGANYAR--C | 0.012489 | | | |
| _KABSRAGEN--C | 0.090939 | | | |
| _KABGROBOGAN--C | 0.545937 | | | |
| _KABBLORA--C | 0.104112 | | | |
| _KABREMBANG--C | -0.237277 | | | |
| _KABPATI--C | 0.375995 | | | |
| _KABKUDUS--C | -0.024556 | | | |
| _KABJEPARA--C | 0.327117 | | | |
| _KABDEMAK--C | 0.235929 | | | |
| _KABSEMARANG--C | 0.245941 | | | |
| _KABTEMANGGUNG--C | 0.026931 | | | |
| _KABKENDAL--C | 0.095062 | | | |
| _KABBATANG--C | -0.084521 | | | |
| _KABPEKALONGAN--C | 0.025527 | | | |
| _KABPEMALANG--C | 0.391743 | | | |
| _KABTEGAL--C | 0.410568 | | | |

| | |
|---|---|
| _KABBREBES--C | 0.677443 |
| _KOTAMAGELANG--C | -1.989100 |
| _KOTASURAKARTA--C | -0.566060 |
| _KOTASALATIGA--C | -1.615571 |
| _KOTASEMARANG--C | 0.554626 |
| _KOTAPEKALONGAN--C | -1.077666 |
| _KOTATEGAL--C | -1.342546 |

Effects Specification

Cross-section fixed (dummy variables)

| | | | |
|---|---|---|---|
| R-squared | 0.997385 | Mean dependent var | 12.93876 |
| Adjusted R-squared | 0.996972 | S.D. dependent var | 0.599571 |
| S.E. of regression | 0.032990 | Akaike info criterion | -3.856640 |
| Sum squared resid | 0.262292 | Schwarz criterion | -3.350365 |
| Log likelihood | 578.9295 | Hannan-Quinn criter. | -3.653572 |
| F-statistic | 2418.784 | Durbin-Watson stat | 1.789143 |
| Prob(F-statistic) | 0.000000 | | |

# LAMPIRAN 4

## RANDOM EFFECT MODEL

Dependent Variable: LOG(PTK?)
Method: Pooled EGLS (Cross-section random effects)
Date: 02/24/19   Time: 23:20
Sample: 2010 2017
Included observations: 8
Cross-sections included: 35
Total pool (balanced) observations: 280
Swamy and Arora estimator of component variances

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 11.56432 | 0.186413 | 62.03602 | 0.0000 |
| LOG(PDRB?) | 0.162315 | 0.034316 | 4.730067 | 0.0000 |
| LOG(UMK?) | 0.006246 | 0.016826 | 0.371241 | 0.7107 |
| INFLASI? | -0.002312 | 0.000910 | -2.540655 | 0.0116 |
| IPM? | -0.004026 | 0.003495 | -1.152036 | 0.2503 |
| Random Effects (Cross) | | | | |
| _KABCILACAP—C | 0.304270 | | | |
| _KABBANYUMAS--C | 0.478027 | | | |
| _KABPURBALINGGA--C | 0.101102 | | | |
| _KABBANJARNEGARA —C | 0.170355 | | | |
| _KABKEBUMEN—C | 0.366455 | | | |
| _KABPURWOREJO--C | -0.089130 | | | |
| _KABWONOSOBO--C | 0.008725 | | | |
| _KABMAGELANG--C | 0.407997 | | | |
| _KABBOYOLALI—C | 0.214113 | | | |
| _KABKLATEN—C | 0.341812 | | | |
| _KABSUKOHARJO--C | 0.015400 | | | |
| _KABWONOGIRI--C | 0.212093 | | | |
| _KABKARANGANYAR —C | 0.042778 | | | |
| _KABSRAGEN—C | 0.081747 | | | |
| _KABGROBOGAN--C | 0.539107 | | | |
| _KABBLORA—C | 0.104619 | | | |
| _KABREMBANG--C | -0.190995 | | | |
| _KABPATI—C | 0.308851 | | | |
| _KABKUDUS—C | -0.172486 | | | |
| _KABJEPARA—C | 0.334445 | | | |
| _KABDEMAK—C | 0.255176 | | | |
| _KABSEMARANG--C | 0.210875 | | | |
| _KABTEMANGGUNG— C | 0.029747 | | | |
| _KABKENDAL—C | 0.040023 | | | |
| _KABBATANG—C | -0.092464 | | | |
| _KABPEKALONGAN--C | 0.033955 | | | |
| _KABPEMALANG--C | 0.333783 | | | |
| _KABTEGAL—C | 0.331107 | | | |

| | |
|---|---|
| _KABBREBES—C | 0.537233 |
| _KOTAMAGELANG--C | -1.730765 |
| _KOTASURAKARTA--C | -0.498337 |
| _KOTASALATIGA--C | -1.358741 |
| _KOTASEMARANG--C | 0.433645 |
| _KOTAPEKALONGAN—C | -0.896451 |
| _KOTATEGAL—C | -1.208072 |

|  Effects Specification | | S.D. | Rho |
|---|---|---|---|
| Cross-section random | | 0.315825 | 0.9892 |
| Idiosyncratic random | | 0.032990 | 0.0108 |

| Weighted Statistics | | | |
|---|---|---|---|
| R-squared | 0.223812 | Mean dependent var | 0.477517 |
| Adjusted R-squared | 0.212522 | S.D. dependent var | 0.042086 |
| S.E. of regression | 0.037347 | Sum squared resid | 0.383579 |
| F-statistic | 19.82393 | Durbin-Watson stat | 1.224369 |
| Prob(F-statistic) | 0.000000 | | |

| Unweighted Statistics | | | |
|---|---|---|---|
| R-squared | 0.226751 | Mean dependent var | 12.93876 |
| Sum squared resid | 77.55411 | Durbin-Watson stat | 0.006056 |

**LAMPIRAN 5**

**UJI HAUSMAN**

Correlated Random Effects - Hausman Test
Pool: PANEL
Test cross-section random effects

| Test Summary | Chi-Sq. Statistic | Chi-Sq. d.f. | Prob. |
|---|---|---|---|
| Cross-section random | 81.441624 | 4 | 0.0000 |

Cross-section random effects test comparisons:

| Variable | Fixed | Random | Var(Diff.) | Prob. |
|---|---|---|---|---|
| LOG(PDRB?) | 0.023465 | 0.162315 | 0.000266 | 0.0000 |
| LOG(UMK?) | 0.000289 | 0.006246 | 0.000008 | 0.0389 |
| INFLASI? | -0.002150 | -0.002312 | 0.000000 | 0.0000 |
| IPM? | 0.008660 | -0.004026 | 0.000002 | 0.0000 |

Cross-section random effects test equation:
Dependent Variable: LOG(PTK?)
Method: Panel Least Squares
Date: 02/24/19   Time: 23:24
Sample: 2010 2017
Included observations: 8
Cross-sections included: 35
Total pool (balanced) observations: 280

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 12.11958 | 0.190024 | 63.77929 | 0.0000 |
| LOG(PDRB?) | 0.023465 | 0.037995 | 0.617587 | 0.5374 |
| LOG(UMK?) | 0.000289 | 0.017071 | 0.016918 | 0.9865 |
| INFLASI? | -0.002150 | 0.000910 | -2.361199 | 0.0190 |
| IPM? | 0.008660 | 0.003772 | 2.295989 | 0.0225 |

Effects Specification

Cross-section fixed (dummy variables)

| | | | |
|---|---|---|---|
| R-squared | 0.997385 | Mean dependent var | 12.93876 |
| Adjusted R-squared | 0.996972 | S.D. dependent var | 0.599571 |
| S.E. of regression | 0.032990 | Akaike info criterion | -3.856640 |
| Sum squared resid | 0.262292 | Schwarz criterion | -3.350365 |
| Log likelihood | 578.9295 | Hannan-Quinn criter. | -3.653572 |
| F-statistic | 2418.784 | Durbin-Watson stat | 1.789143 |

Prob(F-statistic)              0.000000

# LAMPIRAN 6

## UJI CHOW

Redundant Fixed Effects Tests
Pool: PANEL
Test cross-section fixed effects

| Effects Test | Statistic | d.f. | Prob. |
|---|---|---|---|
| Cross-section F | 681.811965 | (34,241) | 0.0000 |
| Cross-section Chi-square | 1281.464801 | 34 | 0.0000 |

Cross-section fixed effects test equation:
Dependent Variable: LOG(PTK?)
Method: Panel Least Squares
Date: 02/24/19   Time: 23:23
Sample: 2010 2017
Included observations: 8
Cross-sections included: 35
Total pool (balanced) observations: 280

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 10.10463 | 1.034551 | 9.767162 | 0.0000 |
| LOG(PDRB?) | 0.688320 | 0.029150 | 23.61280 | 0.0000 |
| LOG(UMK?) | 0.090712 | 0.082212 | 1.103388 | 0.2708 |
| INFLASI? | -0.004370 | 0.008240 | -0.530337 | 0.5963 |
| IPM? | -0.073701 | 0.004234 | -17.40862 | 0.0000 |

| | | | |
|---|---|---|---|
| R-squared | 0.745834 | Mean dependent var | 12.93876 |
| Adjusted R-squared | 0.742137 | S.D. dependent var | 0.599571 |
| S.E. of regression | 0.304463 | Akaike info criterion | 0.477163 |
| Sum squared resid | 25.49192 | Schwarz criterion | 0.542070 |
| Log likelihood | -61.80286 | Hannan-Quinn criter. | 0.503198 |
| F-statistic | 201.7426 | Durbin-Watson stat | 0.030395 |
| Prob(F-statistic) | 0.000000 | | |

**LAMPIRAN 7**

## HETEROSKEDASTISITAS

Dependent Variable: RESABS?
Method: Panel Least Squares
Date: 02/24/19   Time: 23:30
Sample: 2010 2017
Periods included: 8
Cross-sections included: 35
Total panel (unbalanced) observations: 279

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | -0.003091 | 0.068090 | -0.045397 | 0.9638 |
| LOG(PDRB) | 0.000260 | 0.001748 | 0.148963 | 0.8817 |
| LOG(UMK) | 0.003757 | 0.005412 | 0.694254 | 0.4881 |
| INFLASI | -0.001371 | 0.000493 | -2.779642 | 0.3258 |
| IPM | -0.000296 | 0.000254 | -1.166728 | 0.2443 |

| | | | | |
|---|---|---|---|---|
| R-squared | 0.037207 | Mean dependent var | | 0.024239 |
| Adjusted R-squared | 0.023152 | S.D. dependent var | | 0.018418 |
| S.E. of regression | 0.018204 | Akaike info criterion | | -5.156635 |
| Sum squared resid | 0.090796 | Schwarz criterion | | -5.091560 |
| Log likelihood | 724.3506 | Hannan-Quinn criter. | | -5.130530 |
| F-statistic | 2.647180 | Durbin-Watson stat | | 1.715656 |
| Prob(F-statistic) | 0.033818 | | | |

# LAMPIRAN 8

## MULTIKOLINIERITAS

|  | LOG(PDRB?) | LOG(UMK?) | INFLASI? | IPM? |
|---|---|---|---|---|
| LOG(PDRB?) | 1.000000 | 0.267223 | -0.039596 | 0.173179 |
| LOG(UMK?) | 0.267223 | 1.000000 | -0.319039 | 0.449276 |
| INFLASI? | -0.039596 | -0.319039 | 1.000000 | -0.140441 |
| IPM? | 0.173179 | 0.449276 | -0.140441 | 1.000000 |