# LAMPIRAN

**Tabel data PAD Sektor Pariwisawa, Jumlah Wisatawan, Jumlah Obyek Wisata, dan Jumlah Restoran dan Rumah Makan**

| Kabupaten | Tahun | PAD Sektor Pariwisata | Jumlah Wisatawan | Jumlah Obyek wisata | Jumlah Hotel | Jumlah Restoran |
|---|---|---|---|---|---|---|
| | | Rupiah | Orang | Unit | Unit | Unit |
| Banten | 2011 | 11.773.882.661 | 24.119.612 | 562 | 246 | 797 |
| | 2012 | 14.506.476.456 | 24.586.502 | 557 | 259 | 1.039 |
| | 2013 | 17.306.317.426 | 18.072.420 | 563 | 283 | 1.110 |
| | 2014 | 23.727.980.195 | 13.769.978 | 318 | 298 | 1.110 |
| | 2015 | 32.479.904.562 | 14.243.949 | 318 | 311 | 1.147 |
| | 2016 | 34.876.171.743 | 16.158.111 | 328 | 313 | 1.147 |
| | 2017 | 39.093.159.231 | 21.711.820 | 403 | 384 | 952 |
| DKI Jakarta | 2011 | 2.178.358.423.723 | 29.621.594 | 290 | 375 | 1.361 |
| | 2012 | 2.431.652.221.278 | 29.374.604 | 304 | 392 | 2.731 |
| | 2013 | 3.367.399.928.317 | 28.450.259 | 314 | 400 | 2.269 |
| | 2014 | 3.198.038.462.433 | 29.313.804 | 318 | 440 | 2.153 |
| | 2015 | 4.300.144.885.688 | 32.890.215 | 318 | 432 | 2.776 |
| | 2016 | 4.622.778.604.113 | 35.185.970 | 318 | 437 | 2.776 |
| | 2017 | 4.766.985.352.784 | 38.122.165 | 320 | 437 | 2.865 |
| Jawa Barat | 2011 | 365.689.539.567 | 36.648.532 | 517 | 1.584 | 2.775 |
| | 2012 | 417.930.754.626 | 44.663.441 | 614 | 1.652 | 2.775 |
| | 2013 | 417.231.938.798 | 47.357.580 | 587 | 1.649 | 2.714 |
| | 2014 | 418.242.424.521 | 49.954.727 | 587 | 1.681 | 2.687 |
| | 2015 | 417.231.938.798 | 58.362.335 | 628 | 1.718 | 2.687 |
| | 2016 | 418.020.553.187 | 63.156.760 | 628 | 1.722 | 2.853 |
| | 2017 | 420.327.995.078 | 64.628.105 | 655 | 1.722 | 4.895 |
| Jawa Tengah | 2011 | 118.513.629.758 | 22.231.246 | 284 | 1.383 | 1.538 |
| | 2012 | 183.903.195.460 | 25.612.484 | 385 | 1.441 | 1.728 |
| | 2013 | 214.513.464.633 | 29.818.752 | 417 | 1.463 | 1.828 |
| | 2014 | 232.510.898.616 | 30.271.679 | 467 | 1.528 | 2.697 |
| | 2015 | 238.373.330.846 | 33.452.034 | 477 | 1.533 | 2.752 |
| | 2016 | 262.984.817.326 | 37.478.700 | 551 | 1.627 | 2.847 |
| | 2017 | 299.538.612.783 | 40.899.577 | 551 | 1.958 | 3.149 |
| Jawa Timur | 2011 | 114.933.758.032 | 23.860.815 | 765 | 1.833 | 765 |
| | 2012 | 155.510.597.607 | 24.726.776 | 765 | 1.923 | 765 |
| | 2013 | 173.726.507.540 | 25.229.041 | 767 | 1.890 | 1.682 |
| | 2014 | 207.930.204.974 | 46.108.047 | 772 | 1.993 | 1.706 |
| | 2015 | 222.284.502.279 | 52.079.381 | 784 | 3.352 | 2.930 |
| | 2016 | 249.621.224.770 | 55.183.542 | 784 | 3.397 | 3.007 |
| | 2017 | 265.315.829.045 | 58.934.622 | 784 | 3.369 | 3.432 |

| Kabupaten | Tahun | PAD Sektor Pariwisata | Jumlah Wisatawan | Jumlah Obyek wisata | Jumlah Hotel | Jumlah Restoran |
|---|---|---|---|---|---|---|
| | | Rupiah | Orang | Unit | Unit | Unit |
| DI Yogyakarta | 2011 | 106.215.569.037 | 9.300.786 | 92 | 1.106 | 641 |
| | 2012 | 153.174.399.477 | 11.379.640 | 81 | 1.154 | 690 |
| | 2013 | 188.839.015.344 | 12.842.295 | 83 | 1.168 | 805 |
| | 2014 | 236.955.587.690 | 16.774.235 | 85 | 1.138 | 1.365 |
| | 2015 | 266.993.359.315 | 19.018.818 | 98 | 1.116 | 1.446 |
| | 2016 | 353.913.365.540 | 21.445.343 | 135 | 1.165 | 1.751 |
| | 2017 | 423.146.610.814 | 25.950.793 | 149 | 1.179 | 1.477 |

## Uji Chow

Redundant Fixed Effects Tests

Pool: PANEL

Test cross-section fixed effects

| Effects Test | Statistic | d.f. | Prob. |
|---|---|---|---|
| Cross-section F | 227.527783 | (5,32) | 0.0000 |
| Cross-section Chi-square | 151.146007 | 5 | 0.0000 |

Cross-section fixed effects test equation:

Dependent Variable: LOG(PAD?)

Method: Panel Least Squares

Date: 03/01/19 Time: 15:55

Sample: 2011 2017

Included observations: 7

Cross-sections included: 6

Total pool (balanced) observations: 42

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | -4.664368 | 4.138804 | -1.126984 | 0.2670 |
| LOG(JW?) | 2.633363 | 0.894557 | 2.943763 | 0.0056 |
| LOG(JOW?) | -1.727741 | 0.325466 | -5.308513 | 0.0000 |
| LOG(JH?) | -0.437745 | 0.202349 | -2.163312 | 0.0370 |
| LOG(JR?) | 0.680569 | 0.659232 | 1.032366 | 0.3086 |

| | | | |
|---|---|---|---|
| R-squared | 0.647040 | Mean dependent var | 11.41119 |
| Adjusted R-squared | 0.608883 | S.D. dependent var | 0.660544 |
| S.E. of regression | 0.413100 | Akaike info criterion | 1.181089 |
| Sum squared resid | 6.314108 | Schwarz criterion | 1.387955 |
| Log likelihood | -19.80287 | Hannan-Quinn criter. | 1.256914 |
| F-statistic | 16.95697 | Durbin-Watson stat | 0.506258 |
| Prob(F-statistic) | 0.000000 | | |

## 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 | 9.501379 | 4 | 0.0497 |

Cross-section random effects test comparisons:

| Variable | Fixed | Random | Var(Diff.) | Prob. |
|---|---|---|---|---|
| LOG(JW?) | 0.395134 | 0.422061 | 0.000188 | 0.0495 |
| LOG(JOW?) | -0.159484 | -0.191348 | 0.000238 | 0.0390 |
| LOG(JH?) | 0.390353 | 0.337134 | 0.001466 | 0.1645 |
| LOG(JR?) | 0.320207 | 0.343786 | 0.000201 | 0.0963 |

Cross-section random effects test equation:
Dependent Variable: LOG(PAD?)
Method: Panel Least Squares
Date: 03/01/19 Time: 16:06
Sample: 2011 2017
Included observations: 7
Cross-sections included: 6
Total pool (balanced) observations: 42

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 6.662065 | 0.932717 | 7.142642 | 0.0000 |
| LOG(JW?) | 0.395134 | 0.193761 | 2.039286 | 0.0498 |
| LOG(JOW?) | -0.159484 | 0.109353 | -1.458426 | 0.1545 |
| LOG(JH?) | 0.390353 | 0.149354 | 2.613613 | 0.0135 |
| LOG(JR?) | 0.320207 | 0.147935 | 2.164513 | 0.0380 |

Effects Specification

Cross-section fixed (dummy variables)

| | | | |
|---|---|---|---|
| R-squared | 0.990343 | Mean dependent var | 11.41119 |
| Adjusted R-squared | 0.987628 | S.D. dependent var | 0.660544 |
| S.E. of regression | 0.073473 | Akaike info criterion | -2.179530 |
| Sum squared resid | 0.172747 | Schwarz criterion | -1.765799 |
| Log likelihood | 55.77013 | Hannan-Quinn criter. | -2.027881 |
| F-statistic | 364.6449 | Durbin-Watson stat | 1.131802 |
| Prob(F-statistic) | 0.000000 | | |

## Common Effect Model

Dependent Variable: LOG(PAD?)

Method: Pooled Least Squares

Date: 03/01/19 Time: 15:51

Sample: 2011 2017

Included observations: 7

Cross-sections included: 6

Total pool (balanced) observations: 42

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | -4.664368 | 4.138804 | -1.126984 | 0.2670 |
| LOG(JW?) | 2.633363 | 0.894557 | 2.943763 | 0.0056 |
| LOG(JOW?) | -1.727741 | 0.325466 | -5.308513 | 0.0000 |
| LOG(JH?) | -0.437745 | 0.202349 | -2.163312 | 0.0370 |
| LOG(JR?) | 0.680569 | 0.659232 | 1.032366 | 0.3086 |

| | | | |
|---|---|---|---|
| R-squared | 0.647040 | Mean dependent var | 11.41119 |
| Adjusted R-squared | 0.608883 | S.D. dependent var | 0.660544 |
| S.E. of regression | 0.413100 | Akaike info criterion | 1.181089 |
| Sum squared resid | 6.314108 | Schwarz criterion | 1.387955 |
| Log likelihood | -19.80287 | Hannan-Quinn criter. | 1.256914 |
| F-statistic | 16.95697 | Durbin-Watson stat | 0.506258 |
| Prob(F-statistic) | 0.000000 | | |

## Fixed Effect Model

Dependent Variable: LOG(PAD?)

Method: Pooled Least Squares

Date: 03/01/19 Time: 15:54

Sample: 2011 2017

Included observations: 7

Cross-sections included: 6

Total pool (balanced) observations: 42

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 6.662065 | 0.932717 | 7.142642 | 0.0000 |
| LOG(JW?) | 0.395134 | 0.193761 | 2.039286 | 0.0498 |
| LOG(JOW?) | -0.159484 | 0.109353 | -1.458426 | 0.1545 |
| LOG(JH?) | 0.390353 | 0.149354 | 2.613613 | 0.0135 |
| LOG(JR?) | 0.320207 | 0.147935 | 2.164513 | 0.0380 |
| Fixed Effects (Cross) | | | | |
| _BANTEN--C | -0.694937 | | | |
| _DKI—C | 1.206417 | | | |
| _JABAR—C | -0.021154 | | | |
| _JATENG--C | -0.192658 | | | |
| _JATIM—C | -0.286613 | | | |
| _DIY—C | -0.011055 | | | |

Effects Specification

Cross-section fixed (dummy variables)

| | | | |
|---|---|---|---|
| R-squared | 0.990343 | Mean dependent var | 11.41119 |
| Adjusted R-squared | 0.987628 | S.D. dependent var | 0.660544 |
| S.E. of regression | 0.073473 | Akaike info criterion | -2.179530 |
| Sum squared resid | 0.172747 | Schwarz criterion | -1.765799 |
| Log likelihood | 55.77013 | Hannan-Quinn criter. | -2.027881 |
| F-statistic | 364.6449 | Durbin-Watson stat | 1.131802 |
| Prob(F-statistic) | 0.000000 | | |

## Random Effect Model

Dependent Variable: LOG(PAD?)
Method: Pooled EGLS (Cross-section random effects)
Date: 03/01/19 Time: 16:05
Sample: 2011 2017
Included observations: 7
Cross-sections included: 6
Total pool (balanced) observations: 42
Swamy and Arora estimator of component variances

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 6.626590 | 0.947880 | 6.990960 | 0.0000 |
| LOG(JW?) | 0.422061 | 0.193276 | 2.183724 | 0.0354 |
| LOG(JOW?) | -0.191348 | 0.108258 | -1.767510 | 0.0854 |
| LOG(JH?) | 0.337134 | 0.144364 | 2.335302 | 0.0251 |
| LOG(JR?) | 0.343786 | 0.147254 | 2.334646 | 0.0251 |
| Random Effects (Cross) | | | | |
| _BANTEN--C | -0.705115 | | | |
| _DKI—C | 1.171238 | | | |
| _JABAR—C | -0.011586 | | | |
| _JATENG--C | -0.185502 | | | |
| _JATIM—C | -0.258340 | | | |
| _DIY—C | -0.010696 | | | |

Effects Specification

| | S.D. | Rho |
|---|---|---|
| Cross-section random | 0.437840 | 0.9726 |
| Idiosyncratic random | 0.073473 | 0.0274 |

Weighted Statistics

| | | | |
|---|---|---|---|
| R-squared | 0.741482 | Mean dependent var | 0.722312 |
| Adjusted R-squared | 0.713534 | S.D. dependent var | 0.147128 |
| S.E. of regression | 0.078746 | Sum squared resid | 0.229437 |
| F-statistic | 26.53088 | Durbin-Watson stat | 0.878879 |
| Prob(F-statistic) | 0.000000 | | |

Unweighted Statistics

| | | | |
|---|---|---|---|
| R-squared | 0.213059 | Mean dependent var | 11.41119 |
| Sum squared resid | 14.07761 | Durbin-Watson stat | 0.014324 |

## Asumsi Klasik

## Uji Heteroskedastisitas

Heteroskedasticity Test: Glejser

| | | | |
|---|---|---|---|
| F-statistic | 2.689708 | Prob. F(4,37) | 0.0460 |
| Obs*R-squared | 9.461515 | Prob. Chi-Square(4) | 0.0505 |
| Scaled explained SS | 10.21387 | Prob. Chi-Square(4) | 0.0370 |

Test Equation:

Dependent Variable: ARESID

Method: Least Squares

Date: 03/01/19 Time: 15:47

Sample: 1 42

Included observations: 42

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 4.133539 | 1.520278 | 2.718937 | 0.0099 |
| LOG(JW) | -0.491444 | 0.359757 | -1.366044 | 0.1802 |
| LOG(JOW) | 0.011558 | 0.205905 | 0.056130 | 0.9555 |
| LOG(JH) | -0.243778 | 0.143844 | -1.694740 | 0.0985 |
| LOG(JR) | 0.186947 | 0.405167 | 0.461408 | 0.6472 |

| | | | |
|---|---|---|---|
| R-squared | 0.225274 | Mean dependent var | 0.375659 |
| Adjusted R-squared | 0.141520 | S.D. dependent var | 0.332645 |
| S.E. of regression | 0.308210 | Akaike info criterion | 0.595271 |
| Sum squared resid | 3.514750 | Schwarz criterion | 0.802136 |
| Log likelihood | -7.500690 | Hannan-Quinn criter. | 0.671095 |
| F-statistic | 2.689708 | Durbin-Watson stat | 1.297861 |
| Prob(F-statistic) | 0.045975 | | |

**Uji Multikolinearitas**

| | J_WISATA | J_OBYEK | J_HOTEL | J_RESTORAN |
|---|---|---|---|---|
| J_WISATA | 1.000000 | 0.604989 | 0.333436 | 0.839430 |
| J_OBYEK | 0.604989 | 1.000000 | 0.203656 | 0.399224 |
| J_HOTEL | 0.333436 | 0.203656 | 1.000000 | 0.394317 |
| J_RESTORAN | 0.839430 | 0.399224 | 0.394317 | 1.000000 |