

## LAMPIRAN DATA

### Lampiran I

Tahun	Y	X1	X2	X3	X4
1994	3.515.424	268.366.53	116.712	327	1.039
1995	4.023.299	286.446.49	116.438	333	1.106
1996	5.385.784	308.668.75	116.404	355	1.192
1997	5.385.884	318.094.91	116.027	380	1.230
1998	6.228.405	295.302.36	115.543	332	1.165
1999	6.768.077	306.305.20	115.322	269	858
2000	7.960.314	734.232.69	115.275	276	835
2001	12.311.343	759.504.24	115.863	305	1.114
2002	19.191.415	782.362.45	115.863	280	841
2003	23.567.459	811.631.50	116.307	305	1.114
2004	22.627.629	842.302.15	116.839	305	1.114
2005	28.643.562	890.399.02	117.744	329	1.181
2006	36.533.676	899.564.97	118.646	334	920
2007	35.814.844	946.098.16	121.010	334	920
2008	40.549.584	993.835.20	124.627	406	1.233
2009	47.704.618	1.044.650.24	125.604	406	1.233
2010	59.548.102	1.108.603.69	126.443	240	1.740
2011	63.557.701	1.169.342.74	118.805	240	1.740
2012	91.314.601	1.245.158.09	119.329	251	680
2013	107.739.838	1.318.707.97	120.207	254	392
2014	164.906.266	1.395.391.28	120.930	286	725
2015	186.677.410	3.876.935.36	120.952	328	712

Data sesudah diolah dengan Ms Excel

Keterangan :

- ❖ Y = Pendapatan Asli Daerah Kota Magelang (Juta Rupiah)
- ❖ X1 = Produk Domestik Regional Bruto Kota Magelang (Juta Rupiah)
- ❖ X2 = Jumlah Penduduk Kota Magelang (Jiwa)
- ❖ X3 = Jumlah Industri Kecil Kota Magelang (Unit)
- ❖ X4 = Jumlah Tenaga Kerja Kota Magelang (Jiwa)

## Lampiran II

### UJI MWD Z1

Dependent Variable: Y

Method: Least Squares

Date: 19/10/17 Time: 08:54

Sample: 1994 2014

Included observations: 21

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-3.85E+08	1.77E+08	-2.176977	0.0459
X1	0.527003	0.168347	3.130450	0.0069
X2	4014.877	1739.341	2.308275	0.0356
X3	-170634.3	88978.74	-1.917698	0.0744
X4	-39877.60	12712.03	-3.136998	0.0068
Z1	47849600	10784006	4.437089	0.0005
R-squared	0.895368	Mean dependent var	37775135	
Adjusted R-squared	0.860491	S.D. dependent var	41194291	
S.E. of regression	15386435	Akaike info criterion	36.17083	
Sum squared resid	3.55E+15	Schwarz criterion	36.46926	
Log likelihood	-373.7937	Hannan-Quinn criter.	36.23560	
F-statistic	25.67200	Durbin-Watson stat	1.064696	
Prob(F-statistic)	0.000001			

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## UJI MWD Z2

Dependent Variable: LOG(Y)

Method: Least Squares

Date: 19/10/17 Time: 08:55

Sample: 1994 2014

Included observations: 21

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-143.2783	30.76738	-4.656825	0.0003
LOG(X1)	1.298384	0.154186	8.420893	0.0000
LOG(X2)	12.22006	2.888845	4.230083	0.0007
LOG(X3)	-0.679460	0.421765	-1.610994	0.1280
LOG(X4)	-0.319097	0.195261	-1.634212	0.1230
Z2	-1.36E-08	3.24E-09	-4.210571	0.0008

R-squared	0.963530	Mean dependent var	16.87331
Adjusted R-squared	0.951373	S.D. dependent var	1.158130
S.E. of regression	0.255386	Akaike info criterion	0.342876
Sum squared resid	0.978331	Schwarz criterion	0.641311
Log likelihood	2.399803	Hannan-Quinn criter.	0.407644
F-statistic	79.25838	Durbin-Watson stat	1.383297
Prob(F-statistic)	0.000000		

## HASIL RIGRES

Dependent Variable: Y

Method: Least Squares

Date: 19/10/17 Time: 08:54

Sample: 1994 2014

Included observations: 21

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-3.85E+08	1.77E+08	-2.176977	0.0459
X1	0.527003	0.168347	3.130450	0.0069
X2	4014.877	1739.341	2.308275	0.0356
X3	-170634.3	88978.74	-1.917698	0.0744
X4	-39877.60	12712.03	-3.136998	0.0068

R-squared	0.895368	Mean dependent var	37775135
Adjusted R-squared	0.860491	S.D. dependent var	41194291
S.E. of regression	15386435	Akaike info criterion	36.17083
Sum squared resid	3.55E+15	Schwarz criterion	36.46926
Log likelihood	-373.7937	Hannan-Quinn criter.	36.23560
F-statistic	25.67200	Durbin-Watson stat	1.064696
Prob(F-statistic)	0.000001		

## UJI ASUMSI KLASIK

	X1	X2	X3	X4
X1	1.000000	0.635582	-0.362323	-0.127961
X2	0.635582	1.000000	0.139329	0.263807
X3	-0.362323	0.139329	1.000000	0.141896
X4	-0.127961	0.263807	0.141896	1.000000

## UJI HETEROSKEDASTISITAS

Heteroskedasticity Test: Breusch-Pagan-Godfrey

F-statistic	0.554734	Prob. F(4,16)	0.6986
Obs*R-squared	2.557651	Prob. Chi-Square(4)	0.6343
Scaled explained SS	2.609654	Prob. Chi-Square(4)	0.6251

Test Equation:

Dependent Variable: RESID^2

Method: Least Squares

Date: 19/10/17 Time: 09:06

Sample: 1994 2014

Included observations: 21

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	25.89722	24.47701	1.058023	0.3058
X1	0.089541	0.120523	0.742936	0.4683
X2	-2.267869	2.298077	-0.986855	0.3384
X3	-0.168786	0.337901	-0.499514	0.6242
X4	0.007246	0.154658	0.046853	0.9632

R-squared	0.121793	Mean dependent var	0.101650
Adjusted R-squared	-0.097759	S.D. dependent var	0.195293
S.E. of regression	0.204616	Akaike info criterion	-0.131104
Sum squared resid	0.669885	Schwarz criterion	0.117591
Log likelihood	6.376597	Hannan-Quinn criter.	-0.077131
F-statistic	0.554734	Durbin-Watson stat	1.928286
Prob(F-statistic)	0.698551		

## UJI AUTOKORELASI

Breusch-Godfrey Serial Correlation LM Test:

F-statistic	0.898762	Prob. F(2,14)	0.4293
Obs*R-squared	2.389489	Prob. Chi-Square(2)	0.3028

Test Equation:

Dependent Variable: RESID

Method: Least Squares

Date: 19/10/17 Time: 09:09

Sample: 1994 2014

Included observations: 21

Presample missing value lagged residuals set to zero.

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	10.15308	46.13231	0.220086	0.8290
X1	0.083039	0.233095	-0.356244	0.7270
X2	-1.142584	4.378475	-0.260955	0.7979
X3	0.128345	0.614921	0.208718	0.8377
X4	0.139758	0.324675	0.430455	0.6734
RESID(-1)	0.419926	0.330589	1.270238	0.2247
RESID(-2)	-0.184175	0.299780	-0.614367	0.5488
R-squared	0.113785	Mean dependent var		1.07E-14
Adjusted R-squared	-0.266021	S.D. dependent var		0.326699
S.E. of regression	0.367594	Akaike info criterion		1.097527
Sum squared resid	1.891756	Schwarz criterion		1.445701
Log likelihood	-4.524030	Hannan-Quinn criter.		1.173089
F-statistic	0.299587	Durbin-Watson stat		1.722244
Prob(F-statistic)	0.926891			