

LAMPIRAN

Lampiran 1. Data Negara ASEAN

Negara	Tahun	Tenaga kerja	PDRB	Upah	Investasi	Perdagangan
Indonesia	2008	37.824	510.229	32.141	1.826	52.358
Indonesia	2009	37.714	539.58	33.273	0.904	39.555
Indonesia	2010	38.145	755.094	34.494	2.025	38.862
Indonesia	2011	37.914	892.969	36.37	2.303	42.659
Indonesia	2012	37.701	917.87	38.605	2.31	41.588
Indonesia	2013	37.495	912.524	39.648	2.551	40.457
Indonesia	2014	37.547	890.815	39.672	2.82	39.792
Indonesia	2015	37.092	860.854	41.576	2.298	34.043
Indonesia	2016	38.206	932.256	41.921	0.487	30.077
Indonesia	2017	38.24	1.016	41.972	2.114	32.052
Brunei Darussalam	2008	41.366	14.393	91.387	1.544	89.563
Brunei Darussalam	2009	41.442	10.732	92.818	3.034	89.907
Brunei Darussalam	2010	41.547	13.707	92.232	3.507	83.497
Brunei Darussalam	2011	41.743	18.525	91.292	3.731	86.874
Brunei Darussalam	2012	41.979	19.048	91.575	4.541	87.005
Brunei Darussalam	2013	42.249	18.094	92.24	4.287	83.231
Brunei Darussalam	2014	42.533	17.098	92.667	3.321	82.508
Brunei Darussalam	2015	42.567	12.93	93.321	1.325	74.102
Brunei Darussalam	2016	42.568	11.401	93.75	1.321	69.245
Brunei Darussalam	2017	42.652	12.128	93.749	3.858	69.137
Malaysia	2008	34.746	230.814	78.857	3.281	154.134
Malaysia	2009	35.015	202.258	78.279	0.057	138.932
Malaysia	2010	34.897	255.017	78.578	4.269	142.435
Malaysia	2011	35.488	297.952	79.824	5.074	139.472
Malaysia	2012	35.927	314.443	76.991	2.829	134.819
Malaysia	2013	37.09	323.277	74.599	3.494	134.321
Malaysia	2014	37.619	338.062	74.92	3.141	130.975
Malaysia	2015	37.744	296.434	72.934	3.325	126.561
Malaysia	2016	37.979	296.536	73.461	4.542	120.758
Malaysia	2017	38.054	314.5	73.475	3.024	131.316
Myanmar	2008	41.353	31.863	29.619	2.711	34.958

Myanmar	2009	41.249	36.906	31.027	2.924	29.83
Myanmar	2010	41.162	49.541	32.974	1.819	27.09
Myanmar	2011	41.088	59.977	33.889	4.201	30.44
Myanmar	2012	41.009	59.938	34.374	2.225	30.162
Myanmar	2013	40.929	60.27	35.041	3.741	38.619
Myanmar	2014	40.855	65.446	36.527	3.323	42.292
Myanmar	2015	40.788	59.687	37.259	6.842	47.437
Myanmar	2016	40.74	63.225	36.681	5.185	43.552
Myanmar	2017	40.727	69.322	36.7	6.758	42.988
Kamboja	2008	50.136	10.352	14.045	7.875	108.351
Kamboja	2009	50.194	10.402	37.358	8.925	96.393
Kamboja	2010	50.253	11.242	37.736	11.939	106.152
Kamboja	2011	50.177	12.83	39.054	10.698	124.744
Kamboja	2012	50.096	14.054	39.884	13.058	136.527
Kamboja	2013	50.023	15.228	40.436	12.291	106.522
Kamboja	2014	49.971	16.703	40.544	10.3	105.001
Kamboja	2015	49.943	18.05	41.433	9.424	113.095
Kamboja	2016	49.904	20.017	42.257	11.426	113.41
Kamboja	2017	49.899	22.158	42.324	12.566	117.022
Laos	2008	50.327	5.444	9.628	4.184	45.832
Laos	2009	50.218	5.833	9.638	5.462	43.096
Laos	2010	50.108	7.128	10.883	3.912	53.408
Laos	2011	50.053	8.749	11.679	3.437	52.504
Laos	2012	50	10.191	10.09	2.888	52.258
Laos	2013	49.952	11.942	9.882	3.573	44.756
Laos	2014	49.902	13.268	9.901	6.883	52.254
Laos	2015	49.855	14.39	10.192	9.876	55.605
Laos	2016	49.814	15.806	11.102	6.311	51.194
Laos	2017	49.771	16.853	11.1	4.824	53.699
Singapura	2008	43.136	192.226	90.043	6.347	342.283
Singapura	2009	42.898	192.408	90.014	12.381	267.981
Singapura	2010	43.503	236.422	90.398	23.296	280.286
Singapura	2011	43.835	275.967	89.544	17.812	280.93
Singapura	2012	44.094	290.674	89.215	19.331	271.134
Singapura	2013	44.246	304.454	89.522	21.179	257.269
Singapura	2014	44.6	311.539	89.99	22.322	248.941
Singapura	2015	44.941	304.098	90.763	23.215	211.571
Singapura	2016	44.961	309.764	90.729	23.971	203.378

Singapura	2017	44.967	323.907	90.728	19.646	216.397
Thailand	2008	45.964	291.383	42.637	2.938	122.52
Thailand	2009	45.812	281.71	43.409	2.276	101.569
Thailand	2010	45.907	341.105	43.246	4.323	110.296
Thailand	2011	46.467	370.819	41.386	0.667	121.72
Thailand	2012	46.237	397.558	40.797	3.245	120.29
Thailand	2013	45.698	420.333	40.865	3.791	113.936
Thailand	2014	45.733	407.339	46.663	1.221	111.752
Thailand	2015	45.659	401.399	47.76	2.224	103.877
Thailand	2016	45.656	411.755	46.566	0.744	99.473
Thailand	2017	45.674	455.221	46.588	1.745	100.931
Filipina	2008	38.476	174.195	51.221	0.769	62.859
Filipina	2009	38.811	168.335	51.747	1.226	50.087
Filipina	2010	38.99	199.591	52.841	0.536	55.095
Filipina	2011	39.154	224.143	53.023	0.895	49.967
Filipina	2012	39.137	250.092	54.336	1.286	46.962
Filipina	2013	39.28	271.836	55.572	1.375	45.028
Filipina	2014	39.512	284.585	55.072	2.017	45.964
Filipina	2015	39.705	292.774	57.575	1.926	45.625
Filipina	2016	39.788	304.889	57.824	2.716	48.162
Filipina	2017	39.899	313.595	57.971	3.207	51.573
Vietnam	2008	48.5	99.13	25.961	9.663	144.657
Vietnam	2009	48.461	106.015	26.286	7.169	119.837
Vietnam	2010	48.402	115.932	27.258	6.901	135.489
Vietnam	2011	48.38	135.539	28.333	5.482	150.256
Vietnam	2012	48.365	155.82	29.135	5.37	146.521
Vietnam	2013	48.361	171.222	29.443	5.198	154.224
Vietnam	2014	48.308	186.205	30.608	4.941	160.075
Vietnam	2015	48.002	193.241	34.251	6.106	169.568
Vietnam	2016	48.072	205.276	35.787	6.138	171.177
Vietnam	2017	48.092	223.864	35.809	6.298	190.223

Lampiran 2. Hasil Estimasi Common Effect Model.

Dependent Variable: LOG(TK)
 Method: Panel Least Squares
 Date: 12/13/18 Time: 22:13
 Sample: 2008 2017
 Periods included: 10
 Cross-sections included: 10
 Total panel (balanced) observations: 100

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3.859938	0.046176	83.59247	0.0000
LOG(PDRB)	-0.023448	0.004192	-5.593723	0.0000
LOG(UPAH)	-0.114613	0.011118	-10.30894	0.0000
LOG(INVESTASI)	0.017653	0.007568	2.332628	0.0218
LOG(PERDAGANGAN)	0.094839	0.012646	7.499769	0.0000
R-squared	0.736544	Mean dependent var		3.766570
Adjusted R-squared	0.725451	S.D. dependent var		0.110577
S.E. of regression	0.057939	Akaike info criterion		-2.810130
Sum squared resid	0.318913	Schwarz criterion		-2.679872
Log likelihood	145.5065	Hannan-Quinn criter.		-2.757412
F-statistic	66.39782	Durbin-Watson stat		0.308081
Prob(F-statistic)	0.000000			

Lampiran 3. Hasil Estimasi Fixed Effect Model.

Dependent Variable: LOG(TK)
 Method: Panel Least Squares
 Date: 12/13/18 Time: 22:14
 Sample: 2008 2017
 Periods included: 10
 Cross-sections included: 10
 Total panel (balanced) observations: 100

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	4.023786	0.061584	65.33827	0.0000
LOG(PDRB)	0.000733	0.001982	0.369882	0.7124
LOG(UPAH)	-0.010914	0.011188	-0.975483	0.3321
LOG(INVESTASI)	0.006744	0.002304	2.927096	0.0044
LOG(PERDAGANGAN)	-0.051499	0.011342	-4.540640	0.0000

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.987866	Mean dependent var	3.766570
Adjusted R-squared	0.986032	S.D. dependent var	0.110577
S.E. of regression	0.013069	Akaike info criterion	-5.708008
Sum squared resid	0.014688	Schwarz criterion	-5.343285
Log likelihood	299.4004	Hannan-Quinn criter.	-5.560398
F-statistic	538.5801	Durbin-Watson stat	0.702831
Prob(F-statistic)	0.000000		

Lampiran 4. Hasil Estimasi Random Effect Model

Dependent Variable: LOG(TK)

Method: Panel EGLS (Cross-section random effects)

Date: 12/13/18 Time: 22:15

Sample: 2008 2017

Periods included: 10

Cross-sections included: 10

Total panel (balanced) observations: 100

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	4.005519	0.061875	64.73544	0.0000
LOG(PDRB)	-0.000117	0.001965	-0.059312	0.9528
LOG(UPAH)	-0.017859	0.010716	-1.666569	0.0989
LOG(INVESTASI)	0.007420	0.002296	3.231301	0.0017
LOG(PERDAGANGAN)	-0.040825	0.010854	-3.761225	0.0003
Effects Specification				
			S.D.	Rho
Cross-section random			0.068603	0.9650
Idiosyncratic random			0.013069	0.0350
Weighted Statistics				
R-squared	0.195629	Mean dependent var		0.226492
Adjusted R-squared	0.161761	S.D. dependent var		0.015585
S.E. of regression	0.014269	Sum squared resid		0.019342
F-statistic	5.776170	Durbin-Watson stat		0.546118
Prob(F-statistic)	0.000332			
Unweighted Statistics				
R-squared	-0.022923	Mean dependent var		3.766570
Sum squared resid	1.238245	Durbin-Watson stat		0.008531

Lampiran 5. Hasil Uji Chow

Redundant Fixed Effects Tests

Equation: UJICHOW

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	197.917409	(9,86)	0.0000
Cross-section Chi-square	307.787832	9	0.0000



Lampiran 6. Hasil Uji Hausman

Correlated Random Effects - Hausman Test

Equation: UJIHAUSMAN

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	22.248320	4	0.0002



Lampiran 7 Hasil Uji Model Linier

Dependent Variable: TK
Method: Panel Least Squares
Date: 12/13/18 Time: 22:48
Sample: 2008 2017
Periods included: 10
Cross-sections included: 10
Total panel (balanced) observations: 100

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	47.86471	0.001060	45168.37	0.0000
PDRB	-0.008238	1.90E-06	-4337.485	0.0000
UPAH	-0.126649	1.92E-05	-6584.725	0.0000
INVESTASI	0.232489	0.000110	2112.302	0.0000
PERDAGANGAN	0.024374	9.99E-06	2440.497	0.0000
Z1	1.024620	0.000166	6161.846	0.0000
R-squared	0.999999	Mean dependent var		43.49262
Adjusted R-squared	0.999999	S.D. dependent var		4.774854
S.E. of regression	0.004301	Akaike info criterion		-8.001715
Sum squared resid	0.001739	Schwarz criterion		-7.845405
Log likelihood	406.0858	Hannan-Quinn criter.		-7.938454
F-statistic	24400767	Durbin-Watson stat		0.306923
Prob(F-statistic)	0.000000			

Lampiran 8. Hasil Uji Model Loglinier

Dependent Variable: LOG(TK)
 Method: Panel Least Squares
 Date: 12/13/18 Time: 22:51
 Sample: 2008 2017
 Periods included: 10
 Cross-sections included: 10
 Total panel (balanced) observations: 100

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3.876739	0.035552	109.0430	0.0000
LOG(PDRB)	-0.027201	0.003255	-8.357848	0.0000
LOG(UPAH)	-0.101160	0.008703	-11.62383	0.0000
LOG(INVESTASI)	0.014275	0.005832	2.447852	0.0162
LOG(PERDAGANGAN)	0.087472	0.009762	8.960682	0.0000
Z2	-2.10E-05	2.57E-06	-8.172696	0.0000
R-squared	0.845983	Mean dependent var		3.766570
Adjusted R-squared	0.837790	S.D. dependent var		0.110577
S.E. of regression	0.044535	Akaike info criterion		-3.326953
Sum squared resid	0.186437	Schwarz criterion		-3.170643
Log likelihood	172.3476	Hannan-Quinn criter.		-3.263691
F-statistic	103.2643	Durbin-Watson stat		0.242541
Prob(F-statistic)	0.000000			