

LAMPIRAN

Lampiran 1. Data sebelum Transformasi ke bentuk Ln (Logaritma Natural)

		metric tons per capita	constant 2015 USD	TWh	
		CO2 EMISSIONS	GDP PER CAPITA	FOSSIL FUELS CONSUMPTION	CORRUPTION
YEAR	COUNTRY	CO2	GDP	FFC	CPI
2015	USA	15.56	56,762.73	21,655.59	76
2016		15.15	57,292.54	21,413.31	74
2017		14.82	58,207.58	21,310.29	75
2018		15.22	59,607.39	22,208.82	71
2019		14.67	60,698.01	21,944.39	69
2020		13.03	58,451.61	19,917.45	67
2015	UK	6.16	44,964.39	1,843.99	81
2016		5.82	45,482.18	1,818.85	81
2017		5.55	46,373.64	1,782.20	82
2018		5.43	46,740.55	1,753.31	80
2019		5.18	47,240.60	1,699.40	77
2020		4.60	42,191.92	1,452.39	77
2015	SOUTH KOREA	11.91	28,737.44	2,843.49	54
2016		12.02	29,467.12	2,943.79	53
2017		12.19	30,312.89	3,004.37	54
2018		12.22	31,059.27	3,085.49	57
2019		11.83	31,645.95	3,002.70	59
2020		10.99	31,378.16	2,821.21	61
2015	JAPAN	9.27	34,960.64	4,853.51	75
2016		9.17	35,242.20	4,761.28	72
2017		9.06	35,861.97	4,755.59	73
2018		8.76	36,138.53	4,643.38	73
2019		8.48	36,043.78	4,477.79	73
2020		8.03	34,603.27	4,118.04	74
2015	GERMANY	9.09	41,103.26	2,981.13	81
2016		9.07	41,682.03	3,062.10	81
2017		8.86	42,639.55	3,065.36	81
2018		8.54	42,928.74	2,951.88	80
2019		7.93	43,292.68	2,811.78	80
2020		7.26	41,601.97	2,558.23	80

Lampiran 2. Data setelah Transformasi ke bentuk Ln (Logaritma Natural)

YEAR	COUNTRY	LnCO2	LnGDP	LnFFC	LnCPI
2015	USA	2.74	10.95	9.98	4.33
2016	USA	2.72	10.96	9.97	4.30
2017	USA	2.70	10.97	9.97	4.32
2018	USA	2.72	11.00	10.01	4.26
2019	USA	2.69	11.01	10.00	4.23
2020	USA	2.57	10.98	9.90	4.20
2015	UK	1.82	10.71	7.52	4.39
2016	UK	1.76	10.73	7.51	4.39
2017	UK	1.71	10.74	7.49	4.41
2018	UK	1.69	10.75	7.47	4.38
2019	UK	1.64	10.76	7.44	4.34
2020	UK	1.53	10.65	7.28	4.34
2015	SOUTHKR	2.48	10.27	7.95	3.99
2016	SOUTHKR	2.49	10.29	7.99	3.97
2017	SOUTHKR	2.50	10.32	8.01	3.99
2018	SOUTHKR	2.50	10.34	8.03	4.04
2019	SOUTHKR	2.47	10.36	8.01	4.08
2020	SOUTHKR	2.40	10.35	7.94	4.11
2015	JAPAN	2.23	10.46	8.49	4.32
2016	JAPAN	2.22	10.47	8.47	4.28
2017	JAPAN	2.20	10.49	8.47	4.29
2018	JAPAN	2.17	10.50	8.44	4.29
2019	JAPAN	2.14	10.49	8.41	4.29
2020	JAPAN	2.08	10.45	8.32	4.30
2015	GERMANY	2.21	10.62	8.00	4.39
2016	GERMANY	2.21	10.64	8.03	4.39
2017	GERMANY	2.18	10.66	8.03	4.39
2018	GERMANY	2.14	10.67	7.99	4.38
2019	GERMANY	2.07	10.68	7.94	4.38
2020	GERMANY	1.98	10.64	7.85	4.38

Lampiran 3. Hasil Pengujian Uji Chow

Redundant Fixed Effects Tests
Equation: Untitled
Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	482.397705	(4,22)	0.0000
Cross-section Chi-square	134.560730	4	0.0000

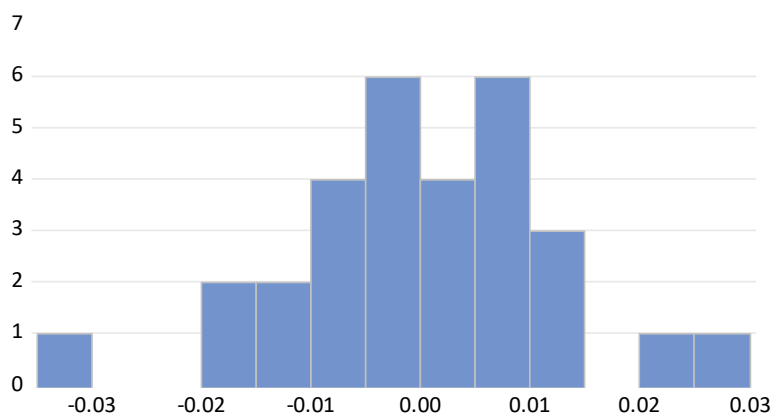
Lampiran 4. Hasil Pengujian Uji Hausman

Correlated Random Effects - Hausman Test
Equation: Untitled
Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	42.747289	3	0.0000

Lampiran 5. Hasil Uji Asumsi Klasik

a. Uji Normalitas



Series: Standardized Residuals	
Sample 2015 2020	
Observations 30	
Mean	1.50e-17
Median	0.000166
Maximum	0.028447
Minimum	-0.033715
Std. Dev.	0.012484
Skewness	-0.319073
Kurtosis	3.723992
Jarque-Bera	1.164245
Probability	0.558711

b. Uji Multikolinieritas

	LNGDP	LNFFC	LNCPI
LNGDP	1.000000	0.591808	0.565592
LNFFC	0.591808	1.000000	-0.071854
LNCPI	0.565592	-0.071854	1.000000

c. Uji Heteroskedastisitas

Dependent Variable: ABS(RESID)
 Method: Panel Least Squares
 Date: 07/18/24 Time: 16:43
 Sample: 2015 2020
 Periods included: 6
 Cross-sections included: 5
 Total panel (balanced) observations: 30

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.157444	0.588327	1.967346	0.0619
LNGDP	-0.121139	0.060109	-2.015306	0.0563
LNFFC	0.015420	0.028549	0.540130	0.5945
LNCPI	0.002491	0.044426	0.056064	0.9558

Lampiran 6. Hasil Estimasi Regresi Data Panel *Fixed Effect Model* (FEM)

Dependent Variable: LNCO2?
 Method: Pooled Least Squares
 Date: 07/24/24 Time: 06:23
 Sample: 1 6
 Included observations: 6
 Cross-sections included: 5
 Total pool (balanced) observations: 30

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.336883	1.054828	1.267394	0.2183
LNGDP?	-0.958376	0.107772	-8.892639	0.0000
LNFFC?	1.236783	0.051187	24.16198	0.0000
LNCPI?	0.172985	0.079652	2.171753	0.0409
Fixed Effects (Cross)				
_GERMANY--C	0.383265			
_JAPAN--C	-0.296136			
_SOUTHKR--C	0.451525			
_UK--C	0.658867			
_USA--C	-1.197521			

Effects Specification





Cross-section fixed (dummy variables)

R-squared	0.998735	Mean dependent var	2.232000
Adjusted R-squared	0.998333	S.D. dependent var	0.351081
S.E. of regression	0.014334	Akaike info criterion	-5.429242
Sum squared resid	0.004520	Schwarz criterion	-5.055589
Log likelihood	89.43863	Hannan-Quinn criter.	-5.309707
F-statistic	2482.301	Durbin-Watson stat	1.486691
Prob(F-statistic)	0.000000		

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 Jurusan : Ekonomi Pembangunan
 Judul : Analisis Determinan Emisi CO₂ Studi pada *High Income Countries* Periode 2015-2020

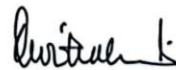
Usulan Penelitian ini telah dipresentasikan pada tanggal 20 Juni 2024

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3	Dr. Hj. Iis Surgawati, Dra., M.Si.	Penguji I	
4	Dwi Hastuti Lestari K., S.E., M.Si.	Penguji II	

Tasikmalaya, Juli 2024

Mengetahui,

Ketua Program Studi Ekonomi Pembangunan







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