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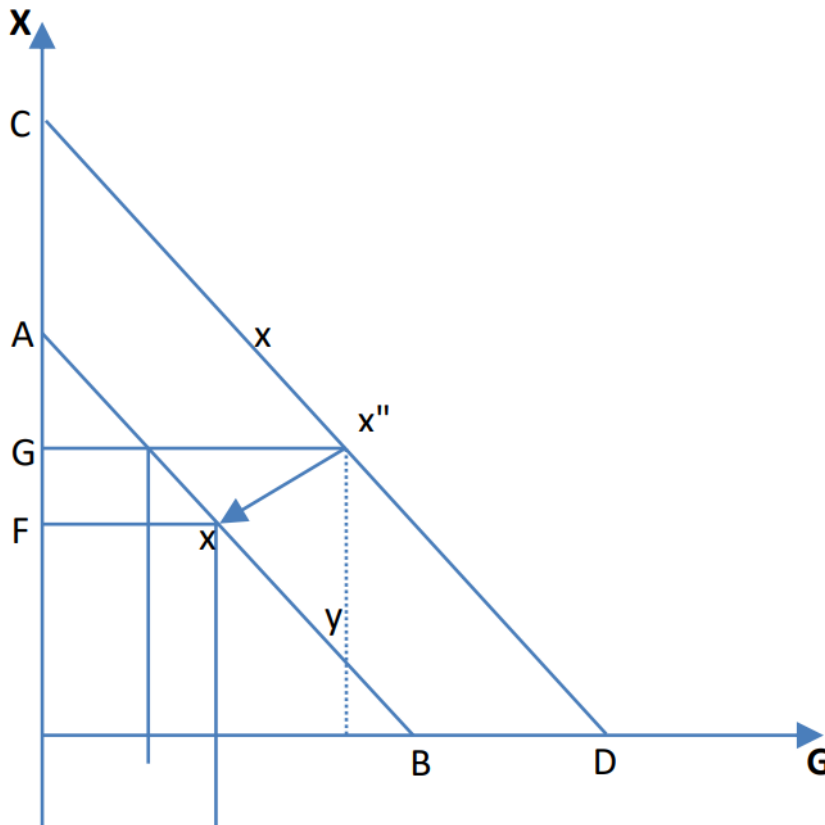


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## LAMPIRAN

Lampiran 1. *Flypaper Effect* Asimetris



Sumber: Swasito (2021)





## Lampiran 2. Data Mentah

Provinsi	Tahun	Belanja Daerah	PAD	Unconditional Grant	Jumlah Penduduk
Sulawesi Utara	2013	2.025.590.874.885	790.273.619.619	975.499.353.904	2.366.400
Sulawesi Utara	2014	2.229.484.466.963	937.681.926.708	1.034.274.257.889	2.386.660
Sulawesi Utara	2015	2.693.083.788.018	1.012.945.961.386	1.096.296.596.645	2.412.100
Sulawesi Utara	2016	2.801.145.395.510	981.044.559.667	1.168.266.661.620	2.436.900
Sulawesi Utara	2017	3.580.571.793.429	1.146.674.827.814	1.499.833.255.834	2.461.000
Sulawesi Utara	2018	3.656.101.961.038	1.253.804.977.827	1.077.681.776.486	2.478.400
Sulawesi Utara	2019	4.156.494.291.530	1.286.069.364.576	1.142.333.272.045	2.507.000
Sulawesi Utara	2020	4.501.905.708.338	1.125.317.788.016	1.183.197.726.519	2.621.900
Sulawesi Utara	2021	4.352.913.924.432	1.310.528.740.581	1.551.530.000.000	2.638.660
Sulawesi Utara	2022	3.858.758.102.784	1.464.716.968.806	1.598.470.000.000	2.659.500
Sulawesi Utara	2023	3.358.666.000.000	1.466.740.000.000	1.545.610.000.000	2.078.473
Sulawesi Barat	2013	1.043.985.310.348	154.131.866.472	725.089.137.666	1.234.300
Sulawesi Barat	2014	1.227.422.383.584	222.635.496.656	806.513.224.754	1.258.100
Sulawesi Barat	2015	1.570.188.198.250	273.507.239.233	919.116.655.275	1.282.200
Sulawesi Barat	2016	1.765.977.558.869	277.686.126.682	954.000.698.291	1.306.500
Sulawesi Barat	2017	1.927.377.319.821	296.935.168.455	1.033.926.947.400	1.330.900
Sulawesi Barat	2018	1.746.622.067.296	301.499.588.175	1.044.002.817.669	1.355.660
Sulawesi Barat	2019	2.006.026.015.782	345.208.054.042	1.077.221.132.952	1.380.300
Sulawesi Barat	2020	1.989.564.784.561	346.864.756.506	985.090.241.716	1.419.200
Sulawesi Barat	2021	1.986.339.100.172	407.996.514.741	994.590.000.000	1.436.800
Sulawesi Barat	2022	2.089.718.217.226	457.411.610.500	993.340.180.000	1.458.660
Sulawesi Barat	2023	2.027.450.000.000	461.270.000.000	1.030.950.000.000	1.481.077
Sulawesi Selatan	2013	4.924.217.349.190	2.566.045.632.512	1.357.901.478.457	8.342.000
	2014	5.599.423.492.338	3.029.122.238.496	1.458.398.429.824	8.432.200
	2015	6.149.664.542.113	3.270.828.511.467	1.368.067.997.411	8.520.300





Sulawesi Selatan	2016	6.930.978.668.388	3.449.561.308.105	1.708.491.884.186	8.666.400
Sulawesi Selatan	2017	8.892.158.631.536	3.679.083.943.914	2.789.007.185.374	8.690.300
Sulawesi Selatan	2018	9.322.152.987.945	3.948.349.252.423	2.778.039.022.687	8.772.000
Sulawesi Selatan	2019	9.491.447.901.636	4.138.631.215.915	2.802.008.362.592	8.851.200
Sulawesi Selatan	2020	9.986.089.214.540	3.890.209.264.434	3.045.239.595.887	9.073.500
Sulawesi Selatan	2021	10.167.278.357.983	4.469.113.381.188	2.687.950.000.000	9.139.500
Sulawesi Selatan	2022	8.958.791.076.580	4.865.959.663.141	2.745.000.000.000	9.225.800
Sulawesi Selatan	2023	9.111.410.000.000	5.189.110.000.000	2.894.350.000.000	9.362.290
Sulawesi Tengah	2013	2.145.227.819.902	662.226.615.650	1.094.848.176.883	2.785.500
Sulawesi Tengah	2014	2.445.661.248.021	824.611.352.385	1.175.834.467.097	2.831.300
Sulawesi Tengah	2015	2.953.280.683.117	904.937.124.509	1.306.768.285.164	2.876.700
Sulawesi Tengah	2016	3.178.114.481.726	939.092.069.082	1.374.983.167.981	2.921.700
Sulawesi Tengah	2017	3.445.777.071.451	958.212.001.718	1.671.085.421.552	2.966.300
Sulawesi Tengah	2018	3.628.013.037.630	1.016.628.663.677	1.782.511.517.076	3.010.400
Sulawesi Tengah	2019	4.098.771.219.451	1.090.854.785.058	1.787.202.920.096	3.054.000
Sulawesi Tengah	2020	4.281.057.917.891	1.122.670.398.589	1.764.768.928.664	2.985.700
Sulawesi Tengah	2021	4.339.507.807.931	1.494.246.273.498	1.918.366.000.000	3.021.900
Sulawesi Tengah	2022	4.825.333.666.427	1.559.706.290.296	2.105.210.000.000	3.066.100
Sulawesi Tengah	2023	5.021.840.000.000	1.714.730.000.000	2.533.766.000.000	3.086.750
Sulawesi Tenggara	2013	1.812.944.666.734	514.857.031.066	1.107.629.084.568	2.396.700
Sulawesi Tenggara	2014	2.088.599.724.022	599.942.751.257	1.177.266.569.241	2.448.100
Sulawesi Tenggara	2015	2.349.274.466.742	667.079.209.826	1.297.450.949.555	2.499.500
Sulawesi Tenggara	2016	2.663.870.374.406	753.657.954.464	1.298.288.564.072	2.551.000
Sulawesi Tenggara	2017	3.554.111.159.552	806.253.869.893	1.634.699.457.477	2.662.400
Sulawesi Tenggara	2018	3.586.474.436.543	903.949.000.779	1.700.502.471.342	2.623.660
Sulawesi Tenggara	2019	4.128.549.681.525	1.128.441.587.992	1.738.328.278.922	2.663.700
Sulawesi Tenggara	2020	4.198.430.219.113	1.017.138.016.007	1.692.829.001.304	2.624.900
Sulawesi Tenggara	2021	4.495.870.207.049	1.373.793.724.629	1.900.210.000.000	2.659.200



Tenggara					
Sulawesi Tenggara	2022	4.862.530.576.022	1.419.667.152.161	2.229.120.000.000	2.701.700
Sulawesi Tenggara	2023	5.186.340.000.000	1.457.210.000.000	2.584.620.000.000	2.749.010
Gorontalo	2013	1.131.915.649.690	195.534.471.014	681.242.105.314	1.098.000
Gorontalo	2014	1.204.490.038.149	281.920.210.039	757.939.768.654	1.115.660
Gorontalo	2015	1.407.931.048.148	289.557.151.142	866.162.434.149	1.133.200
Gorontalo	2016	1.595.894.748.734	311.223.202.412	912.497.001.043	1.150.800
Gorontalo	2017	1.738.195.528.213	348.267.663.013	1.023.666.583.665	1.168.200
Gorontalo	2018	1.828.164.979.480	384.435.306.403	1.028.545.129.061	1.185.500
Gorontalo	2019	1.939.458.991.539	433.427.781.399	1.058.912.478.900	1.202.660
Gorontalo	2020	1.804.550.378.713	414.861.588.272	964.189.356.232	1.171.700
Gorontalo	2021	1.866.246.072.483	510.804.052.687	969.690.000.000	1.181.000
Gorontalo	2022	1.947.925.731.695	510.337.164.774	968.100.000.000	1.192.700
Gorontalo	2023	1.900.660.000.000	512.020.000.000	1.009.570.000.000	1.213.180
Gorontalo	2019	1.939.458.991.539	433.427.781.399	1.058.912.478.900	1.202.660
Gorontalo	2020	1.804.550.378.713	414.861.588.272	964.189.356.232	1.171.700
Gorontalo	2021	1.866.246.072.483	510.804.052.687	969.690.000.000	1.181.000
Gorontalo	2023	1.947.925.731.695	510.337.164.774	968.100.000.000	1.192.700



### Lampiran 3. Hasil Logaritma Natural

Provinsi	Tahun	Ln Belanja Daerah	Ln PAD	Ln Unconditional Grant	Ln Jumlah Penduduk
Sulawesi Utara	2013	28,33688	27,39565	27,66622	14,67434
Sulawesi Utara	2014	28,43279	27,56668	27,66472	14,68538
Sulawesi Utara	2015	28,62171	27,64388	27,72296	14,69661
Sulawesi Utara	2016	28,66105	27,61188	27,78654	14,70624
Sulawesi Utara	2017	28,90654	27,76789	28,03638	14,71668
Sulawesi Utara	2018	28,92742	27,85720	27,70583	14,72312
Sulawesi Utara	2019	29,05569	27,88261	27,76409	14,73466
Sulawesi Utara	2020	29,13552	27,74909	27,79924	14,77941
Sulawesi Utara	2021	29,10187	27,90145	28,07026	14,78576
Sulawesi Utara	2022	28,98137	28,01268	28,10007	14,79365
Sulawesi Utara	2023	28,84256	28,00996	28,06644	14,54714
Sulawesi Barat	2013	27,67407	25,76107	27,30956	14,02661
Sulawesi Barat	2014	27,83594	26,12880	27,41599	14,04511
Sulawesi Barat	2015	28,08222	26,33459	27,54668	14,06409
Sulawesi Barat	2016	28,19973	26,34976	27,58393	14,08286
Sulawesi Barat	2017	28,28718	26,41678	27,66439	14,10137
Sulawesi Barat	2018	28,18870	26,43203	27,67408	14,11975
Sulawesi Barat	2019	28,32718	26,56741	27,70541	14,13781
Sulawesi Barat	2020	28,31894	26,57220	27,61660	14,16566
Sulawesi Barat	2021	28,31731	26,73452	27,62566	14,17793
Sulawesi Barat	2022	28,36805	26,84885	27,62434	14,19299
Sulawesi Barat	2023	28,33780	26,85725	27,66150	14,20828
Sulawesi Selatan	2013	29,22519	28,57105	27,93696	15,93681
Sulawesi Selatan	2014	29,35368	28,73929	28,00836	15,94757
Sulawesi Selatan	2015	29,44741	28,81666	27,94442	15,95796
Sulawesi Selatan	2016	29,56702	28,86927	28,16663	15,96802
Sulawesi Selatan	2017	29,81619	28,93368	28,65671	15,97772
Sulawesi Selatan	2018	29,86341	29,00432	28,65277	15,98708
Sulawesi Selatan	2019	29,88141	29,05139	28,66136	15,99666
Sulawesi Selatan	2020	29,93221	28,98948	28,74466	16,02087
Sulawesi Selatan	2021	29,95020	29,12821	28,61980	16,02812
Sulawesi Selatan	2022	29,82366	29,21329	28,64080	16,03751
Sulawesi Selatan	2023	29,84055	29,27758	28,69378	16,05220
Sulawesi Tengah	2013	28,39427	27,21887	27,72164	14,83994
Sulawesi Tengah	2014	28,52534	27,43818	27,79300	14,85625
Sulawesi Tengah	2015	28,71394	27,53113	27,89858	14,87215
Sulawesi Tengah	2016	28,78731	27,56818	27,94946	14,88768
Sulawesi Tengah	2017	28,86817	27,58833	28,14449	14,90283
Sulawesi Tengah	2018	28,91971	27,64751	28,20904	14,91758



Sulawesi Tengah	2019	29,04171	27,71798	28,21167	14,93196
Sulawesi Tengah	2020	29,08522	27,74673	28,19904	14,90934
Sulawesi Tengah	2021	29,09878	28,03264	28,28249	14,92140
Sulawesi Tengah	2022	29,20490	28,07552	28,37544	14,93592
Sulawesi Tengah	2023	29,24482	28,17028	28,56673	14,94263
Sulawesi Tenggara	2013	28,22597	26,96716	27,73324	14,68966
Sulawesi Tenggara	2014	28,36751	27,12010	27,79422	14,71082
Sulawesi Tenggara	2015	28,48513	27,22617	27,89142	14,73166
Sulawesi Tenggara	2016	28,61080	27,34820	27,89207	14,75200
Sulawesi Tenggara	2017	28,89913	27,41566	28,12248	14,77194
Sulawesi Tenggara	2018	28,90819	27,53004	28,16194	14,78006
Sulawesi Tenggara	2019	29,04895	27,75186	28,18395	14,79523
Sulawesi Tenggara	2020	29,06573	27,64801	28,15742	14,78055
Sulawesi Tenggara	2021	29,13418	27,94866	28,27299	14,79354
Sulawesi Tenggara	2022	29,21258	27,98144	28,43263	14,80939
Sulawesi Tenggara	2023	29,27705	28,00754	28,58066	14,82675
Gorontalo	2013	27,75493	25,99900	27,24718	13,90900
Gorontalo	2014	27,81708	26,36489	27,35387	13,92490
Gorontalo	2015	27,97314	26,39162	27,48734	13,94056
Gorontalo	2016	28,09846	26,46378	27,53945	13,95597
Gorontalo	2017	28,18387	26,57624	27,65435	13,97097
Gorontalo	2018	28,23433	26,67504	27,65917	13,98568
Gorontalo	2019	28,29343	26,79499	27,68826	14,00000
Gorontalo	2020	28,22133	26,75121	27,59455	13,97397
Gorontalo	2021	28,25495	26,95925	27,66024	13,98187
Gorontalo	2022	28,29779	26,95834	27,59866	13,99173
Gorontalo	2023	28,27319	26,96163	27,64055	14,00876



## Lampiran 4. Hasil Estimasi

### 1. Statistik Deskriptif Variabel

Variable	Obs	Mean	Std. Dev.	Min	Max
BelanjaDae~h	66	3693.695	2390.439	1043.985	10167.28
PAD	66	1301.928	1258.366	154.1319	5189.11
Unconditio~t	66	1472.546	621.1441	681.2421	3045.24
JumlahPend~k	66	3226342	2609572	1098000	9362290

### 2. Hasil Fixed Effect Model (FEM)

Fixed-effects (within) regression	Number of obs	=	66
Group variable: Prov	Number of groups	=	6
R-sq:	Obs per group:		
within = 0.8890	min =		11
between = 0.9967	avg =		11.0
overall = 0.9213	max =		11
corr(u_i, Xb) = -0.9807	F(3,57)	=	152.11
	Prob > F	=	0.0000

lnbd	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
lnpad	.3656373	.0793557	4.61	0.000	.2067303 .5245443
lnug	.5049665	.085366	5.92	0.000	.3340241 .675909
lnpop	1.206621	.3605199	3.35	0.001	.4846921 1.928549
_cons	-13.19734	4.282513	-3.08	0.003	-21.77292 -4.621754
sigma_u	.78415945				
sigma_e	.0917489				
rho	.98649521	(fraction of variance due to u_i)			

F test that all u\_i=0: F(5, 57) = 5.05 Prob > F = 0.0007

Source	SS	df	MS	Number of obs	=	66
Model	22.0319884	8	2.75399854	F(8, 57)	=	327.16
Residual	.479818032	57	.00841786	Prob > F	=	0.0000
Total	22.5118064	65	.346335483	R-squared	=	0.9787
				Adj R-squared	=	0.9757
				Root MSE	=	.09175

lnbd	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
lnpad	.3656373	.0793557	4.61	0.000	.2067303 .5245443
lnug	.5049665	.085366	5.92	0.000	.3340241 .675909
lnpop	1.206621	.3605199	3.35	0.001	.4846921 1.928549
Prov					
Sulawesi Barat	-.0893009	.0744507	-1.20	0.235	-.2383858 .059784
Sulawesi Selatan	-2.167648	.6407122	-3.38	0.001	-3.450652 -.8846436
Sulawesi Tengah	-1.037875	.2959149	-3.51	0.001	-1.630435 -.4453161
Irigaray	-.8697946	.2539143	-3.43	0.001	-1.378249 -.36134
Sulawesi Utara	-.7735193	.2321726	-3.33	0.002	-1.238437 -.3086016
_cons	-12.37432	4.048933	-3.06	0.003	-20.48216 -4.266468



### 3. Uji Chow

```
. testparm i.Prov

( 1) 2.Prov = 0
( 2) 3.Prov = 0
( 3) 4.Prov = 0
( 4) 5.Prov = 0
( 5) 6.Prov = 0

F( 5, 57) = 5.05
Prob > F = 0.0007
```

### 4. Uji Hausman

	Coefficients		(b-B) Difference	sqrt(diag(V_b-V_B)) S.E.
	(b) fem	(B) rem		
lnpad	.3656373	.4132557	-.0476184	.0700526
lnug	.5049665	.5456654	-.0406989	.0660262
lnpop	1.206621	.0430037	1.163617	.4044222

b = consistent under Ho and Ha; obtained from xtreg  
 B = inconsistent under Ha, efficient under Ho; obtained from xtreg

Test: Ho: difference in coefficients not systematic

```
chi2(3) = (b-B)'[(V_b-V_B)^(-1)](b-B)
          = 16.19
Prob>chi2 = 0.0010
```



Lampiran 5. Perbandingan *Intercept Unit Cross Section* Sebelum dan Sesudah Penyesuaian

Provinsi	Koefisien Regresi	
	Sebelum	Sesudah
Gorontalo	-12.4636209	-12.4636209
Sulawesi Barat	-0.0893009	-14,541968
Sulawesi Selatan	-2.167648	-13,412195
Sulawesi Tengah	-1.037875	-13,2441146
Sulawesi Tenggara	-0.8697946	-13,1478393
Sulawesi Utara	-0.7735193	-12.37432

