LAMPIRAN

Uji Multikolinearitas

```
. estat vif
```

Variable	VIF	1/VIF
ljp	1.14	0.874227
investasi	1.14	0.880909
upah	1.03	0.974952
pend	1.02	0.984457
Mean VIF	1.08	

Uji Heteroskedastisitas

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Breusch-Pagan / Cook-Weisberg test for heteroskedasticity
        Ho: Constant variance
        Variables: fitted values of pengter

        chi2(1)      =     0.18
        Prob > chi2  =   0.6751
```

.

Common Effect

```
. do "C:\Users\Lenovo\AppData\Local\Temp\STD00000000.tmp"

. reg pengter upah jp pend invest
```

Source	SS	df	MS
Model	1.7223e+18	4	4.3059e+17
Residual	5.2647e+18	51	1.0323e+17
Total	6.9870e+18	55	1.2704e+17

```
> 8
```

Number of obs = 56
$F_{(4, 51)}$ = 4.17
Prob > F = 0.0053
R-squared = 0.2465
Adj R-squared = 0.1874
Root MSE = 3.2e+0

pengter	Coef.	Std. Err.	t	P>|t|	[95% Conf. Interval]	
upah	-54.73937	31.16942	-1.76	0.085	-117.3146	7.835847
jp	216.0633	83.52399	2.59	0.013	48.38189	383.7447
pend	-21296.57	8227.774	-2.59	0.013	-37814.52	-4778.624
investasi	-46.2721	14.98946	-3.09	0.003	-76.3647	-16.17949
_cons	-1.89e+12	1.09e+08	-1.7e+04	0.000	-1.89e+12	-1.89e+12

Fixed Effect

```
Fixed-effects (within) regression          Number of obs      =        56
Group variable: kabkot                     Number of groups   =         8

R-sq:  within  = 0.5065                     Obs per group: min =         7
       between = 0.0481                                    avg =       7.0
       overall = 0.1202                                    max =         7

                                            F(4,44)            =     11.29
corr(u_i, Xb)  = -0.7387                    Prob > F           =    0.0000
```

pengter	Coef.	Std. Err.	t	P>|t|	[95% Conf. Interval]	
upah	-40.97219	28.17525	-1.45	0.153	-97.75567	15.8113
jp	719.1694	310.7495	2.31	0.025	92.89498	1345.444
pend	-18192.65	7128.089	-2.55	0.014	-32558.37	-3826.928
investasi	-91.15977	19.48019	-4.68	0.000	-130.4195	-51.90003
_cons	-1.89e+12	4.63e+08	-4090.02	0.000	-1.89e+12	-1.89e+12
sigma_u	3.755e+08					
sigma_e	2.615e+08					
rho	.67348445	(fraction of variance due to u_i)				

```
F test that all u_i=0:     F(7, 44) =     4.72          Prob > F = 0.0005
```

Random Effect

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. xtreg pengter upah jp pend invest, re
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| Random-effects GLS regression | | | Number of obs | = | 56 |
| Group variable: kabkot | | | Number of groups | = | 8 |

R-sq: within = 0.4824   Obs per group: min =   7
       between = 0.0796   avg =   7.0
       overall = 0.2255   max =   7

                                             Wald chi2(4)   =   29.38
corr(u_i, X)   = 0 (assumed)   Prob > chi2   =   0.0000

pengter	Coef.	Std. Err.	z	P>|z|	[95% Conf. Interval]	
upah	-45.4547	29.12381	-1.56	0.119	-102.5363	11.62692
jp	347.1769	99.96647	3.47	0.001	151.2462	543.1076
pend	-19937.39	7511.393	-2.65	0.008	-34659.45	-5215.327
investasi	-72.66199	15.86808	-4.58	0.000	-103.7628	-41.56113
_cons	-1.89e+12	1.41e+08	-1.3e+04	0.000	-1.89e+12	-1.89e+12
sigma_u	1.371e+08					
sigma_e	2.615e+08					
rho	.21556848	(fraction of variance due to u_i)				

Uji Chow

```
F test that all u_i=0:      F(7, 44) =      4.72                   Prob > F = 0.0005
```

Uji Hausman

| | —— Coefficients —— | | | |
| | (b) | (B) | (b-B) | sqrt(diag(V_b-V_B)) |
	fe	re	Difference	S.E.
upah	-37.84837	-43.11047	5.262102	.
ljp	1.08e+08	1.25e+08	-1.74e+07	7196092
pend	-18865.22	-20599.04	1733.817	.
investasi	-97.22122	-44.71354	-52.50768	13.40319

```
                       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(2) = (b-B)'[(V_b-V_B)^(-1)](b-B)
                          =      5.10
               Prob>chi2 =     0.0781
               (V_b-V_B is not positive definite)
```