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                                         ___  ____  ____  ____  ____(R)
                                        /__    /   ____/   /   ____/
                                       ___/   /   /___/   /   /___/
                                         Statistics/Data Analysis

                                            User: FE Stata

        ___  ____  ____  ____  ____ (R)
       /__    /   ____/   /   ____/
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     Notes:
           1.  You are running Small Stata.
           2.  New update available; type -update all-
```

1 . use "C:\Users\Jose\Desktop\Nuevo articulo competitividad y demanda turistica\Datos 1980 a 201
  > , clear

2 . g lArrivals=log(Arrivals)

3 . g dlArrivals=d.lArrivals
  (8 missing values generated)

4 . g lShare=log(Share)

5 . g dlShare=d.lShare
  (8 missing values generated)

6 . g lGdp=log(Gdp)

7 . g dlGdp=d.lGdp
  (8 missing values generated)

8 . g lGdppc=log(Gdppc)

9 . g dlGdppc=d.lGdppc
  (8 missing values generated)

10 . g lGkf=log(Gkf)
   (7 missing values generated)

11 . g dlGkf=d.lGkf
   (15 missing values generated)

12 . g lCpi=log(Cpi)
   (3 missing values generated)

13 . g dlCpi=d.lCpi
   (11 missing values generated)

14 . g lFdi=log(Fdi)
   (5 missing values generated)

15 . g dlFdi=d.lFdi
   (18 missing values generated)

16 . g lExrate=log(Exrate)

17 . g dlExrate=d.lExrate
   (8 missing values generated)

18 . save "C:\Users\Jose\Desktop\Nuevo articulo competitividad y demanda turistica\Datos 1980 a 20
   > ", replace
   file C:\Users\Jose\Desktop\Nuevo articulo competitividad y demanda turistica\Datos 1980 a 2011\
   > ved

19 . xtreg dlShare dlGdp dlGdppc dlGkf dlCpi dlFdi dlExrate, fe

Fixed-effects (within) regression   Number of obs   =   236
Group variable: **Country**   Number of groups   =   8

R-sq: within = **0.1010**   Obs per group: min =   22
       between = **0.2105**   avg =   29.5
       overall = **0.0964**   max =   32

                                               F(**6,222**)   =   4.16
corr(u_i, Xb) = **-0.2965**   Prob > F   =   0.0006

dlShare	Coef.	Std. Err.	t	P>|t|	[95% Conf. Interval]	
dlGdp	-.1669183	1.605689	-0.10	0.917	-3.331261	2.997424
dlGdppc	.4486807	1.616114	0.28	0.782	-2.736206	3.633568
dlGkf	-.0187379	.0914113	-0.20	0.838	-.1988828	.1614071
dlCpi	.3162948	.0671688	4.71	0.000	.1839247	.4486648
dlFdi	.0049531	.0079419	0.62	0.533	-.0106981	.0206042
dlExrate	-.0451234	.0910568	-0.50	0.621	-.2245698	.134323
_cons	-.0261901	.0186061	-1.41	0.161	-.0628573	.0104771
sigma_u	.02051733					
sigma_e	.09775148					
rho	.04219604	(fraction of variance due to u_i)				

F test that all u_i=0:   F(**7, 222**) =   **0.90**   Prob > F = **0.5055**

20 . regress dlShare dlGdp dlGdppc dlGkf dlCpi dlFdi dlExrate

Source	SS	df	MS		Number of obs =	**236**
					F(6, 229) =	**4.43**
Model	.25350362	6	.042250603		Prob > F =	0.0003
Residual	2.18163627	229	.009526796		R-squared =	0.1041
					Adj R-squared =	0.0806
Total	2.43513989	235	.010362297		Root MSE =	.09761

dlShare	Coef.	Std. Err.	t	P>|t|	[95% Conf. Interval]	
dlGdp	.9590177	.9273665	1.03	0.302	-.8682442	2.78628
dlGdppc	-.609723	.9976138	-0.61	0.542	-2.575399	1.355953
dlGkf	-.0282851	.0907186	-0.31	0.755	-.207035	.1504648
dlCpi	.2422544	.0586544	4.13	0.000	.1266831	.3578256
dlFdi	.0050103	.0079286	0.63	0.528	-.010612	.0206327
dlExrate	-.0694576	.090023	-0.77	0.441	-.2468368	.1079216
_cons	-.0326948	.0118339	-2.76	0.006	-.0560121	-.0093775

21 . save "C:\Users\Jose\Desktop\Nuevo articulo competitividad y demanda turistica\Datos 1980 a 20
   file C:\Users\Jose\Desktop\Nuevo articulo competitividad y demanda turistica\Datos 1980 a 2011\
   > d

22 . xtreg dlShare dlGdp dlGdppc dlGkf dlCpi dlFdi dlExrate, re sa

```
Random-effects GLS regression                  Number of obs      =       236
Group variable: Country                        Number of groups   =         8

R-sq:  within  = 0.0966                         Obs per group: min =        22
       between = 0.5350                                        avg =      29.5
       overall = 0.1041                                        max =        32

                                                Wald chi2(6)       =     26.61
corr(u_i, X)   = 0 (assumed)                    Prob > chi2        =    0.0002
```

dlShare	Coef.	Std. Err.	z	P>|z|	[95% Conf. Interval]	
dlGdp	.9590177	.9273665	1.03	0.301	−.8585873	2.776623
dlGdppc	−.609723	.9976138	−0.61	0.541	−2.56501	1.345564
dlGkf	−.0282851	.0907186	−0.31	0.755	−.2060903	.1495201
dlCpi	.2422544	.0586544	4.13	0.000	.1272939	.3572149
dlFdi	.0050103	.0079286	0.63	0.527	−.0105295	.0205502
dlExrate	−.0694576	.090023	−0.77	0.440	−.2458994	.1069842
_cons	−.0326948	.0118339	−2.76	0.006	−.0558889	−.0095007
sigma_u	0					
sigma_e	.09775148					
rho	0	(fraction of variance due to u_i)				

23 . xtreg dlShare dlGdp dlGdppc dlGkf dlCpi dlFdi dlExrate, be

```
Between regression (regression on group means)  Number of obs      =       236
Group variable: Country                         Number of groups   =         8

R-sq:  within  = 0.0032                          Obs per group: min =        22
       between = 0.9585                                         avg =      29.5
       overall = 0.0036                                         max =        32

                                                 F(6,1)             =      3.85
sd(u_i + avg(e_i.))=  .0103783                    Prob > F           =    0.3715
```

dlShare	Coef.	Std. Err.	t	P>|t|	[95% Conf. Interval]	
dlGdp	−.1926042	3.985053	−0.05	0.969	−50.8275	50.44229
dlGdppc	−.6312107	2.057076	−0.31	0.810	−26.76884	25.50642
dlGkf	−.9162665	1.094219	−0.84	0.556	−14.81964	12.98711
dlCpi	.1283417	.1610315	0.80	0.572	−1.917758	2.174441
dlFdi	.8907117	1.268973	0.70	0.610	−15.23312	17.01455
dlExrate	−1.901643	3.193569	−0.60	0.658	−42.47979	38.6765
_cons	−.0579935	.0319932	−1.81	0.321	−.4645056	.3485186

24 .