

Alcalá and Ciccone (2003) TABLE V EViews REGRESSION OUTPUT

- (I) FIRST STAGE REGRESSIONS
 (II) SECOND STAGE REGRESSIONS

(I) FIRST STAGE REGRESSIONS TABLE V: DEPENDENT VARIABLE IS LOG(ROPEN)

FIRST STAGE TABLE V PANEL A: BENCHMARK

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=====
Dependent Variable: LOG(ROPEN)
Method: Least Squares
Included observations: 138
=====
Variable      Coefficient Std. Error t-Statistic Prob.
=====
C              -0.856479   0.826428   -1.036363   0.3020
LOG(TFITAC)    0.520166   0.155940    3.335674   0.0011
LOG(POP)       -0.222925   0.052897   -4.214323   0.0000
LOG(AREA)      0.058179   0.043540    1.336216   0.1838
EUROLANG       0.370292   0.198758    1.863034   0.0647
AFRICA         -0.288252   0.324194   -0.889134   0.3756
AMERICA        -0.393476   0.315618   -1.246683   0.2148
ASIA           -0.215295   0.364932   -0.589959   0.5563
EUROPE         -0.147607   0.391800   -0.376741   0.7070
ABSLATI        0.613029   0.468949    1.307240   0.1935
=====
R-squared      0.558995   Mean dependent var -1.228731
Adjusted R-squared 0.527987   S.D. dependent var 0.832448
S.E. of regression 0.571918   Akaike info criteril.790064
Sum squared resid 41.86761   Schwarz criterion 2.002183
Log likelihood  -113.5144   F-statistic 18.02733
Durbin-Watson stat 2.151472   Prob(F-statistic) 0.000000
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FIRST STAGE TABLE V PANEL B: BENCHMARK

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=====
Dependent Variable: LOG(ROPEN)
Method: Least Squares
Included observations: 138
=====
Variable      Coefficient Std. Error t-Statistic Prob.
=====
C              -0.874210   0.809383   -1.080094   0.2821
LOG(TFITAC)    0.490942   0.140044    3.505636   0.0006
LOG(POP)       -0.235395   0.046439   -5.068878   0.0000
LOG(AREA)      0.058003   0.043269    1.340529   0.1824
EUROLANG       0.413610   0.185737    2.226853   0.0277
AFRICA         -0.120285   0.152892   -0.786731   0.4329
AMERICA        -0.265799   0.211215   -1.258428   0.2105
ABSLATI        0.664993   0.364184    1.825980   0.0701
=====
R-squared      0.557575   Mean dependent var -1.228731
Adjusted R-squared 0.533752   S.D. dependent var 0.832448
S.E. of regression 0.568415   Akaike info criteril.764293
Sum squared resid 42.00243   Schwarz criterion 1.933989
Log likelihood  -113.7362   F-statistic 23.40499
Durbin-Watson stat 2.148801   Prob(F-statistic) 0.000000
=====
  
```

FIRST STAGE TABLE V PANEL A: EXCLUDING HK, LUX, SING

Dependent Variable: LOG(ROPEN)
 Method: Least Squares
 Included observations: 135

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1.412101	0.786835	-1.794659	0.0751
LOG(TFITAC)	0.553495	0.147233	3.759323	0.0003
LOG(POP)	-0.250526	0.050428	-4.967982	0.0000
LOG(AREA)	0.115507	0.042924	2.690983	0.0081
EUROLANG	0.382469	0.187642	2.038287	0.0436
AFRICA	-0.241136	0.304755	-0.791243	0.4303
AMERICA	-0.337878	0.296638	-1.139026	0.2569
ASIA	-0.270931	0.343563	-0.788591	0.4318
EUROPE	-0.146269	0.369783	-0.395555	0.6931
ABSLATI	0.814046	0.446232	1.824266	0.0705
R-squared	0.576870	Mean dependent var	-1.267712	
Adjusted R-squared	0.546405	S.D. dependent var	0.797305	
S.E. of regression	0.536981	Akaike info criteril	665479	
Sum squared resid	36.04357	Schwarz criterion	1.880685	
Log likelihood	-102.4198	F-statistic	18.93527	
Durbin-Watson stat	2.199556	Prob(F-statistic)	0.000000	

FIRST STAGE TABLE V PANEL B: EXCLUDING HK, LUX, SING

Dependent Variable: LOG(ROPEN)
 Method: Least Squares
 Included observations: 135

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1.617784	0.732093	-2.209806	0.0289
LOG(TFITAC)	0.538437	0.129485	4.158287	0.0001
LOG(POP)	-0.256645	0.042816	-5.994195	0.0000
LOG(AREA)	0.116141	0.042791	2.714152	0.0076
EUROLANG	0.338803	0.142236	2.381973	0.0187
AFRICA	0.029725	0.126263	0.235419	0.8143
EUROPE	0.128696	0.187856	0.685075	0.4945
ABSLATI	0.865122	0.431990	2.002643	0.0473
R-squared	0.572467	Mean dependent var	-1.267712	
Adjusted R-squared	0.548902	S.D. dependent var	0.797305	
S.E. of regression	0.535501	Akaike info criteril	646201	
Sum squared resid	36.41863	Schwarz criterion	1.818366	
Log likelihood	-103.1186	F-statistic	24.29330	
Durbin-Watson stat	2.181417	Prob(F-statistic)	0.000000	

FIRST STAGE TABLE V PANEL A: EXCLUDING MAJOR OIL PRODUCERS

Dependent Variable: LOG(ROPEN)
 Method: Least Squares
 Included observations: 129

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.556200	0.828374	-0.671435	0.5032
LOG(TFITAC)	0.455599	0.156631	2.908741	0.0043
LOG(POP)	-0.184782	0.055161	-3.349848	0.0011
LOG(AREA)	0.010609	0.046569	0.227818	0.8202
EUROLANG	0.326383	0.197698	1.650919	0.1014
AFRICA	-0.343125	0.321611	-1.066895	0.2882
AMERICA	-0.401798	0.312628	-1.285229	0.2012
ASIA	-0.390021	0.370767	-1.051930	0.2950
EUROPE	-0.244261	0.390364	-0.625725	0.5327
ABSLATI	0.829480	0.477416	1.737435	0.0849
R-squared	0.562128	Mean dependent var	-1.288060	
Adjusted R-squared	0.529012	S.D. dependent var	0.825174	
S.E. of regression	0.566305	Akaike info criteril	7.74981	
Sum squared resid	38.16344	Schwarz criterion	1.996672	
Log likelihood	-104.4863	F-statistic	16.97435	
Durbin-Watson stat	2.027067	Prob(F-statistic)	0.000000	

FIRST STAGE TABLE V PANEL B: EXCLUDING MAJOR OIL PRODUCERS

Dependent Variable: LOG(ROPEN)
 Method: Least Squares
 Included observations: 129

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.605962	0.814796	-0.743698	0.4585
LOG(TFITAC)	0.412837	0.142880	2.889390	0.0046
LOG(POP)	-0.210646	0.047907	-4.396959	0.0000
LOG(AREA)	0.014339	0.046333	0.309478	0.7575
EUROLANG	0.404980	0.185297	2.185566	0.0308
AFRICA	-0.057837	0.160070	-0.361323	0.7185
AMERICA	-0.186717	0.213092	-0.876229	0.3826
ABSLATI	0.929636	0.377301	2.463908	0.0151
R-squared	0.557149	Mean dependent var	-1.288060	
Adjusted R-squared	0.531529	S.D. dependent var	0.825174	
S.E. of regression	0.564789	Akaike info criteril	7.755282	
Sum squared resid	38.59744	Schwarz criterion	1.932634	
Log likelihood	-105.2157	F-statistic	21.74707	
Durbin-Watson stat	2.020236	Prob(F-statistic)	0.000000	

FIRST STAGE TABLE V PANEL A: ADDITIONAL GEO CONTROLS

Dependent Variable: LOG(ROPEN)
 Method: Least Squares
 Included observations: 138

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.544795	0.886456	-0.614577	0.5400
LOG(TFITAC)	0.506452	0.164498	3.078769	0.0026
LOG(POP)	-0.258126	0.056693	-4.553053	0.0000
LOG(AREA)	0.062404	0.043643	1.429881	0.1552
EUROLANG	0.364951	0.195572	1.866068	0.0644
AFRICA	-0.145527	0.464776	-0.313112	0.7547
AMERICA	0.572420	0.509718	1.123014	0.2636
ASIA	-0.307059	0.374127	-0.820736	0.4134
EUROPE	-0.030815	0.413140	-0.074587	0.9407
ABSLATI	0.396215	0.537563	0.737057	0.4625
EASTA	0.388135	0.222536	1.744147	0.0836
LATINAM	-1.026440	0.441637	-2.324170	0.0217
SUBS	-0.157289	0.352040	-0.446792	0.6558
R-squared	0.588196	Mean dependent var	-1.228731	
Adjusted R-squared	0.548663	S.D. dependent var	0.832448	
S.E. of regression	0.559252	Akaike info criteril	1.765032	
Sum squared resid	39.09533	Schwarz criterion	2.040788	
Log likelihood	-108.7872	F-statistic	14.87855	
Durbin-Watson stat	2.086280	Prob(F-statistic)	0.000000	

FIRST STAGE TABLE V PANEL B: ADDITIONAL GEO CONTROLS

Dependent Variable: LOG(ROPEN)
 Method: Least Squares
 Included observations: 138

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.375590	0.847312	-0.443273	0.6583
LOG(TFITAC)	0.461131	0.138778	3.322804	0.0012
LOG(POP)	-0.269809	0.048060	-5.613964	0.0000
LOG(AREA)	0.063501	0.043129	1.472366	0.1434
EUROLANG	0.450395	0.181081	2.487255	0.0142
ASIA	-0.276356	0.186793	-1.479477	0.1415
ABSLATI	0.369309	0.457598	0.807060	0.4211
EASTA	0.387646	0.221241	1.752149	0.0821
LATINAM	-0.524020	0.229406	-2.284241	0.0240
SUBS	-0.308415	0.218513	-1.411426	0.1605
R-squared	0.581743	Mean dependent var	-1.228731	
Adjusted R-squared	0.552334	S.D. dependent var	0.832448	
S.E. of regression	0.556973	Akaike info criteril	1.737103	
Sum squared resid	39.70797	Schwarz criterion	1.949223	
Log likelihood	-109.8601	F-statistic	19.78133	
Durbin-Watson stat	2.110389	Prob(F-statistic)	0.000000	

(II) SECOND STAGE REGRESSIONS TABLE V

TABLE V PANEL A: BENCHMARK

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=====
Dependent Variable: LOG(RGDPW)
Method: Two-Stage Least Squares
Included observations: 138
Instrument list: C LOG(TFITAC) LOG(POP) LOG(AREA) EUROLANG
                AFRICA AMERICA ASIA EUROPE ABSLATI
=====
Variable      Coefficient Std. Error t-Statistic Prob.
=====
C              7.212426   0.737583   9.778459   0.0000
LOG(ROPEN)    1.229392   0.339483   3.621363   0.0004
LOG(POP)      0.266188   0.115055   2.313577   0.0223
LOG(AREA)     0.062263   0.051779   1.202490   0.2314
IQUAL        0.329906   0.260970   1.264151   0.2085
AFRICA       -0.660394   0.435518  -1.516341   0.1319
AMERICA      0.415621   0.408088   1.018459   0.3104
ASIA         0.023039   0.444494   0.051832   0.9587
EUROPE      -0.519564   0.479466  -1.083630   0.2806
ABSLATI      1.107937   0.875691   1.265215   0.2081
=====
R-squared      0.613710   Mean dependent var 8.840718
Adjusted R-squared 0.586549   S.D. dependent var 1.063085
S.E. of regression 0.683565   Sum squared resid 59.80948
F-statistic    25.02662   Durbin-Watson stat 2.016693
Prob(F-statistic) 0.000000
=====
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TABLE V PANEL B: BENCHMARK

```
=====
Dependent Variable: LOG(RGDPW)
Method: Two-Stage Least Squares
Included observations: 138
Instrument list: C LOG(TFITAC) LOG(POP) LOG(AREA) EUROLANG
                AFRICA AMERICA ABSLATI
=====
Variable      Coefficient Std. Error t-Statistic Prob.
=====
C              7.390685   0.614656  12.02410   0.0000
LOG(ROPEN)    1.122954   0.305558   3.675087   0.0003
LOG(POP)      0.227290   0.100583   2.259726   0.0255
LOG(AREA)     0.084006   0.040002   2.100050   0.0376
IQUAL        0.406819   0.154718   2.629420   0.0096
AFRICA       -0.700123   0.192284  -3.641091   0.0004
AMERICA      0.410749   0.189573   2.166703   0.0321
=====
R-squared      0.623363   Mean dependent var 8.840718
Adjusted R-squared 0.606112   S.D. dependent var 1.063085
S.E. of regression 0.667197   Sum squared resid 58.31491
F-statistic    38.48190   Durbin-Watson stat 1.939516
Prob(F-statistic) 0.000000
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TABLE V PANEL A: EXCLUDING HK,LUX,SING

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=====
Dependent Variable: LOG(RGDPW)
Method: Two-Stage Least Squares
Included observations: 135
Instrument list: C LOG(TFITAC) LOG(POP) LOG(AREA) EUROLANG
                AFRICA AMERICA ASIA EUROPE ABSLATI
=====
Variable      Coefficient Std. Error t-Statistic Prob.
=====
C              7.649152   0.608213   12.57644   0.0000
LOG(ROPEN)    1.178083   0.308073    3.824045   0.0002
LOG(POP)      0.282240   0.112171    2.516161   0.0131
LOG(AREA)     0.013080   0.047675    0.274361   0.7843
IQUAL        0.336649   0.246813    1.363987   0.1750
AFRICA       -0.715973   0.404949   -1.768057   0.0795
AMERICA      0.350513   0.380001    0.922400   0.3581
ASIA         0.059704   0.421442    0.141667   0.8876
EUROPE      -0.538838   0.455874   -1.181989   0.2395
ABSLATI      0.954986   0.862463    1.107277   0.2703
=====
R-squared          0.656046   Mean dependent var 8.816142
Adjusted R-squared 0.631281   S.D. dependent var 1.061011
S.E. of regression 0.644270   Sum squared resid 51.88541
F-statistic       27.68044   Durbin-Watson stat 2.026730
Prob(F-statistic) 0.000000
=====

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TABLE V PANEL B: EXCLUDING HK,LUX,SING

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=====
Dependent Variable: LOG(RGDPW)
Method: Two-Stage Least Squares
Included observations: 135
Instrument list: C LOG(TFITAC) LOG(POP) LOG(AREA) EUROLANG
                AFRICA EUROPE ABSLATI
=====
Variable      Coefficient Std. Error t-Statistic Prob.
=====
C              7.935127   0.508606   15.60172   0.0000
LOG(ROPEN)    1.071777   0.303955    3.526102   0.0006
LOG(POP)      0.250687   0.105967    2.365707   0.0195
LOG(AREA)     0.037537   0.043391    0.865083   0.3886
IQUAL        0.629696   0.176339    3.570945   0.0005
AFRICA       -0.874001   0.155226   -5.630502   0.0000
EUROPE      -0.651034   0.238824   -2.726000   0.0073
=====
R-squared          0.614003   Mean dependent var 8.816142
Adjusted R-squared 0.595910   S.D. dependent var 1.061011
S.E. of regression 0.674464   Sum squared resid 58.22748
F-statistic       37.72698   Durbin-Watson stat 2.013646
Prob(F-statistic) 0.000000
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TABLE V PANEL A: EXCLUDING MAJOR OIL PRODUCERS

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=====
Dependent Variable: LOG(RGDPW)
Method: Two-Stage Least Squares
Included observations: 129
Instrument list: C LOG(TFITAC) LOG(POP) LOG(AREA) EUROLANG
                AFRICA AMERICA ASIA EUROPE ABSLATI
=====
Variable      Coefficient Std. Error t-Statistic Prob.
=====
C              7.216897   0.738189   9.776489   0.0000
LOG(ROPEN)    1.135197   0.371258   3.057707   0.0028
LOG(POP)      0.286122   0.107112   2.671240   0.0086
LOG(AREA)     0.037934   0.054713   0.693320   0.4895
IQUAL        0.323433   0.251311   1.286984   0.2006
AFRICA       -0.715348   0.409948  -1.744972   0.0836
AMERICA      0.361452   0.385235   0.938262   0.3500
ASIA        -0.191489   0.424626  -0.450959   0.6528
EUROPE     -0.586556   0.450061  -1.303283   0.1950
ABSLATI     1.239969   0.869681   1.425774   0.1566
=====
R-squared      0.648022   Mean dependent var 8.780931
Adjusted R-squared 0.621402   S.D. dependent var 1.042217
S.E. of regression 0.641280   Sum squared resid 48.93751
F-statistic    26.88322   Durbin-Watson stat 1.892299
Prob(F-statistic) 0.000000
=====

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TABLE V PANEL B: EXCLUDING MAJOR OIL PRODUCERS

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=====
Dependent Variable: LOG(RGDPW)
Method: Two-Stage Least Squares
Included observations: 129
Instrument list: C LOG(TFITAC) LOG(POP) LOG(AREA) EUROLANG
                AFRICA AMERICA ABSLATI
=====
Variable      Coefficient Std. Error t-Statistic Prob.
=====
C              7.123763   0.616014  11.56429   0.0000
LOG(ROPEN)    1.038336   0.345199   3.007936   0.0032
LOG(POP)      0.248959   0.099181   2.510133   0.0134
LOG(AREA)     0.070440   0.041768   1.686488   0.0943
IQUAL        0.500754   0.181320   2.761708   0.0066
AFRICA       -0.540014   0.191177  -2.824686   0.0055
AMERICA      0.535779   0.181599   2.950335   0.0038
=====
R-squared      0.630955   Mean dependent var 8.780931
Adjusted R-squared 0.612805   S.D. dependent var 1.042217
S.E. of regression 0.648519   Sum squared resid 51.31041
F-statistic    38.48126   Durbin-Watson stat 1.797350
Prob(F-statistic) 0.000000
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TABLE V PANEL A: ADDITIONAL GEO CONTROL

Dependent Variable: LOG(RGDPW)
 Method: Two-Stage Least Squares
 Included observations: 138
 Instrument list: C LOG(TFITAC) LOG(POP) LOG(AREA) EUROLANG
 AFRICA AMERICA ASIA EUROPE ABSLATI EASTA LATINAM
 SUBS

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	7.401809	0.743470	9.955762	0.0000
LOG(ROPEN)	1.002298	0.321876	3.113925	0.0023
LOG(POP)	0.238849	0.115275	2.071986	0.0403
LOG(AREA)	0.054002	0.044867	1.203593	0.2310
IQUAL	0.440676	0.235890	1.868139	0.0641
AFRICA	-0.156162	0.513827	-0.303920	0.7617
AMERICA	-0.165327	0.591942	-0.279295	0.7805
ASIA	0.426383	0.418001	1.020052	0.3097
EUROPE	-0.288161	0.444748	-0.647919	0.5182
ABSLATI	0.420756	0.816045	0.515604	0.6070
EASTA	-0.909045	0.281481	-3.229511	0.0016
LATINAM	0.601273	0.614175	0.978992	0.3295
SUBS	-0.573462	0.381701	-1.502385	0.1355
R-squared	0.718944	Mean dependent var	8.840718	
Adjusted R-squared	0.691963	S.D. dependent var	1.063085	
S.E. of regression	0.590024	Sum squared resid	43.51598	
F-statistic	25.99882	Durbin-Watson stat	2.032128	
Prob(F-statistic)	0.000000			

TABLE V PANEL B: ADDITIONAL GEO CONTROL

Dependent Variable: LOG(RGDPW)
 Method: Two-Stage Least Squares
 Included observations: 138
 Instrument list: C LOG(TFITAC) LOG(POP) LOG(AREA) EUROLANG
 ASIA EASTA LATINAM SUBS ABSLATI

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	7.402347	0.692415	10.69062	0.0000
LOG(ROPEN)	0.905473	0.280272	3.230691	0.0016
LOG(POP)	0.202355	0.097196	2.081938	0.0393
LOG(AREA)	0.067407	0.035462	1.900818	0.0596
IQUAL	0.517976	0.140821	3.678259	0.0003
ASIA	0.621707	0.218600	2.844046	0.0052
EASTA	-0.944672	0.234946	-4.020808	0.0001
LATINAM	0.555748	0.243498	2.282347	0.0241
SUBS	-0.614810	0.255498	-2.406324	0.0175
R-squared	0.731259	Mean dependent var	8.840718	
Adjusted R-squared	0.714593	S.D. dependent var	1.063085	
S.E. of regression	0.567937	Sum squared resid	41.60924	
F-statistic	41.48896	Durbin-Watson stat	2.008544	
Prob(F-statistic)	0.000000			