# The Urban-Rural Happiness Gradient Across Countries

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This study shows, for the first time, that city unhappiness is common across the world. We use the World Values Survey cumulative dataset 1981-2020 from www.worldvaluessurvey.org. In all developed countries, without exception, we find that city dwellers are not happier than rural residents. This finding is important because it contradicts a common belief that emerged recently, arguably for ideological reasons (e.g., Glaeser 2011, Glaeser et al. 2016, Burger et al. 2020), claiming that urban areas are happier. The effort to contravene the findings that cities tend to be less happy than smaller areas is arguably due to economics axioms: money is centered in cities (production, productivity, income, and consumption increase with population size), and therefore, cities have greater utility, so they must be happier. Yet, empirical evidence says otherwise.

Happiness, Life Satisfaction, Subjective Wellbeing (SWB), Cities, Urbaniciy, Urban-Rural, Urban-Rural Gradient, World Vaues Survey (WVS)

Research by Berry and Okulicz-Kozaryn (2011) provided evidence of an "urban-rural gradient" in many countries, where happiness levels rise from lowest in the largest cities to highest in the smallest places. The gradient is non-linear—the very largest cities are markedly less happy than all other areas in a country, e.g.: New York City (Okulicz-Kozaryn and Mazelis 2016, Senior 2006), London (Office for National Statistics 2011, Chatterji 2013), Helsinki (Morrison 2015), Bucharest (Lenzi and Perucca 2016), and Sydney (cited in Morrison 2011). The goal of this paper is to test the gradient across countries using one dataset with a uniform set of variables. This study shows, for the first time, that city unhappiness is common across the world.

# Subjective Wellbeing

Subjective wellbeing (SWB) is an umbrella term for various subjective measures of wellbeing, notably positive and negative affects, happiness, and life satisfaction. Most of the SWB research, including this study, uses the life satisfaction measure, which is a global self evaluation of one's life as a whole. This measure is mostly cognitive and not affective—a respondent evaluates her life as whole globally (professional, personal, family, community, etc) (for a review see Diener 2009). Following usual practice, for simplicity, we use these terms interchangeably: SWB, happiness, and life satisfaction, but specifically we mostly mean life satisfaction as previously defined.

The SWB measure is also at least adequately reliable and valid and considered acceptable for public policy making and public administration (Diener 2009, Stiglitz et al. 2009), and used frequently in urban research (e.g., Moeinaddini et al. 2020, Mouratidis 2019, Wang et al. 2019, Mouratidis 2017, Ma et al. 2017, Wkeziak-Bialowolska 2016, Valente and Berry 2016, Chen et al. 2015).

There are cross-cultural comparability caveats, however, and SWB may not be adequately comparable across countries (Kahneman et al. 1999, Diener 2009). This limitation should be kept in mind when comparing results across countries in the present study. More focus should be on within-country differences, and this is what this study is mostly about—the difference between smaller and larger places in terms of SWB within different countries. We treat each country separately and do not pull the data together. In short, one should focus on within-country differences across urbanicity and exercise caution when comparing effects across countries.

## What We Know So Far, The Literature

Most research on the urbanicity-happiness relationship points to an urban-rural happiness gradient, where happiness raises from its lowest level in the largest cities, to the highest level in the smallest rural areas (e.g., Campbell et al. 1976, Berry and Okulicz-Kozaryn 2011, Okulicz-Kozaryn and Mazelis 2016, Okulicz-Kozaryn and Valente 2020). Yet, most research has been conducted in the US or Western Europe, and there are only three cross-country investigations using a common dataset: Berry and Okulicz-Kozaryn (2009), Easterlin et al. (2010) and Burger et al. (2020).

There are multiple problems with the Gallup data used by Easterlin et al. (2010) and Burger et al. (2020). First, it is not meant for research but for commerce—Gallup charges \$30,000 (per year) for data access. Second, the urbanicity classification is twice less precise than in the World Values Survey (WVS) used in the present study: 4 versus 8 categories. Third, while the WVS uses precise population size with numeric cutoffs, Gallup uses fuzzy concepts such as "rural area," "small town or village," and "large city." Fourth, Gallup uses self-reports of urbanicity, which is highly subjective and problematic in this case—many, if not most people, would likely classify themselves completely arbitrarily into "rural area" v "village" and so forth. The WVS uses interviewer's information about the place. Fifth, apparently much of the data are missing—Easterlin et al. (2010) notes that in 14 countries "rural area" responses were exceptionally low. About half of the world population is rural, but Burger et al. (2020) reports that in their dataset only about a quarter of respondents report rural residence. This study is the first to analyze the urban—rural happiness gradient across countries using a more suitable and accurate dataset.

### Data And Model

We use the World Values Survey comulative file 1981-2020 from www.worldvaluessurvey.org, which is representative of about 90% of the world population,<sup>3</sup> and as elaborated in the previous section, is much better suited for the study than an inadequate and poorly designed Gallup survey. The variables are listed in table 1. Country codes and descriptive statistics are in the Supplementary Online Material (SOM).

The SWB question reads, "All things considered, how satisfied are you with your life as a whole

<sup>&</sup>lt;sup>1</sup>Easterlin et al. (2010) acknowledge Gallup's limitations and attempts to address them. Burger et al. (2020), on the other hand, does not.

<sup>&</sup>lt;sup>2</sup>Gallup charges \$30,000 per year for the use of their happiness data (authors' email inquiry)—private corporations are making a fortune from tax dollars and students tuition—scholars should resist the corporatization of academia (Mills 2012a, Cox 2013, Mills 2012b, Catropa and Andrews 2020, Schmidlin 2015), and the corporatization of happiness research (Davies 2015).

<sup>&</sup>lt;sup>3</sup>While the WVS is conducted in about 100 countries that represent about 90% of the world population, due to missing data for the particular variables of interest, the present's study coverage is slightly smaller, covering about 70 countries (depending on the model and specification).

these days? Using this card on which 1 means you are 'completely dissatisfied' and 10 means you are 'completely satisfied' where would you put your satisfaction with your life as a whole?"

Urbanicity is operationalized with the WVS variable "X049," objective and recorded by the interviewer, not the respondent. There are eight categories ranging from '<2k' to '>500k.' This is an important advantage, because as elaborated earlier, urbanicity or urbanness is a continuum, not a binary urban versus rural dichotomy. We conduct the analysis using a set of dummy variables for all eight categories (leaving out the base case) in the SOM. For simplicity and ease of exposition, however, we present simplified results in the body of the paper using three categories only. In other words, this study uses 8 categories of urbanicity, and summarizes the results for ease of presentation with 3 categories. Thus, please refer to the SOM for the results of all categories.

Because in many countries, there are either no observations or few observations in the first two bottom categories -2k and 2-5k, we combined them together for the analyses in the main body of the paper. These two categories together proxy a city-free natural environment most closely resembling the natural human habitat where we have evolved, and it includes: wilderness, open country, and small villages. The other critical category that must be measured based on the earlier review of theory is large cities. There is likely to be a threshold at several hundred thousand, hence we use the top category on the WVS variable "X049" which is '>500k' as a proxy of large cities. Such places, are the least resembling of the natural human habitat and are mostly consisting of man-made objects such as asphalt, concrete, glass, etc., and accordingly are likely to be the least happy. Such classification into large cities versus natural areas produces a third category in between for places with a population size of 5-500k. The two cutoffs are driven by theory. It would be a gross oversimplification to use an urban-rural dichotomy with one cutoff, for example, '<100k' v '>100k' (or any other value). A place never changes abruptly from rural to urban at some cutoff, it is a continuum, it can be simplified to carefully chosen extreme categories, but one must always start with the continuum. Since this aggregation or simplification into 3 categories is still somewhat arbitrary, we present our alternative aggregations in the supplementary online material in addition to the full 8-step urbanness gradient.

**Table 1:** Variable definitions.

name	description
happiness	"All things considered, how satisfied are you with your life as a whole these days?"
	1="dissatisfied" to 10="satisfied"
place size	"OBSERVATIONS BY THE INTERVIEWER; Code size of town where interview
	was conducted"
year survey	year of survey
age	age
age2	age squared
male	male
married or living together	married or living together as married
as married	
divorced/separated/widowed	divorced/separated/widowed
education	"Highest educational level attained"
income	"Scale of incomes"
class	"Social class (subjective)"
health	"State of health (subjective)"
postmaterialist	"Post materialist index "
god important	"How important is God in your life? Please use this scale to indicate- 10 means
	very important and 1 means not at all important."
religion important	"For each of the following aspects, indicate how important it is in your life. Would
	you say it is: Religion"
autonomy	"Autonomy index"
freedom	"Some people feel they have completely free choice and control over their lives,
	while other people feel that what they do has no real effect on what happens to
	them. Please use this scale where 1 means 'none at all' and 10 means 'a great
	deal' to indicate how much freedom of choice and control you feel you have over
	the way your life turns out."
trust	"Most people can be trusted"
or and	most people can be trained

In the choice of controls we generally follow Okulicz-Kozaryn and Valente (2020). Table 1 lists the control variables used in the body of the paper and there are specific controls worth discussing. Young, single and childless persons and young men with tertiary education are relatively more satisfied with urban areas as a place of residence (Carlsen and Leknes 2019). Income, class, and education not only predict greater SWB, but are also confounded and higher in cities.<sup>4</sup>

One great advantage of city life that is often forgotten is freedom (Park et al. [1925] 1984)hence we control for freedom. Likewise, trust is important, as it predicts SWB, and it is lower in cities (Milgram 1970). Health is a key predictor of SWB, and the subjective health measure used here is a reasonable measure of actual health (Subramanian et al. 2009).

We use a standard OLS regression with robust standard errors. We treat the 10-step happiness variable as continuous. An ordinal happiness variable can be treated as a continuous variable (Ferrer-i-Carbonell and Frijters 2004). OLS has become the default method in happiness research (Blanchflower and Oswald 2011). Theoretically, while there is still debate about the cardinality of SWB, there are strong arguments to treat it as a cardinal variable (Ng 1996, 1997).

### Results

There is a tradeoff in this study between ease of presentation and elaboration as there are dozens of countries and presenting elaborated specifications would result in unwieldy presentation—additional specifications are in the SOM. Here we just present one model that is our full model. It includes

<sup>&</sup>lt;sup>4</sup>Simply comparing unadjusted means may result in oversimplified or biased research claiming that people are happier in cities (e.g. (Burger et al. 2020))—e.g., there is confounding of urbanicity with higher income, education and class—see SOM for tables with and without controls.

all necessary and some additional controls (yet, not over-saturated where too many controls would result in collinearity and many missing observations)—we use here models with controls listed in table 1. The model presented here uses 3 urbanicity categories, <5k (base), 5k-500k, and >500k. Results are set in Table 2. We are interested in the comparison between <5k v >500k because places larger than several hundred thousand according to the theory are the most unnatural environment for humans.

	5-500k	500k-	N
ALB	-0.4*	0.4+	1,582
ARG	-0.2	-0.0	855
AUS	-0.0	-0.1	3,728
AZE	-0.1	0.3	964
BFA	0.3	0.0	567
$_{\mathrm{BGD}}$	0.0	0.7*	2,104
$_{\mathrm{BGR}}$	-0.0	-0.5*	1,229
$_{\mathrm{BLR}}$	-0.1	-0.1	2,815
BRA	-0.2	-0.4*	3,576
CAN	-0.1+	-0.3*	3,177
CHL	-0.7*	-0.7*	3,527
CHN	0.0	-0.4*	2,005
COL	0.0	-0.4	1,376
DEU	-0.1	0.0	4,795
DZA	-0.4*	-0.6	1,596
	-0.4*		
ECU		-0.7*	1,182
EGY	-0.4*	-1.1*	3,428
ESP	-0.1	-0.1	1,487
ETH	0.3	0.4	1,017
GEO	0.1	0.1	2,401
GHA	0.3*	-0.0	$2,\!572$
HUN	0.0	-0.4*	887
IDN	0.1	-0.0	2,056
IND	-0.0	0.3*	$5,\!857$
IRN	-0.3*	-0.0	2,119
IRQ	-0.1	-0.0	1,123
ITA	-0.1	0.2	585
JOR	0.1	-0.2	2,089
KAZ	-0.0	-0.3*	1,497
KGZ	-0.1	-0.3*	2,293
LBN	0.1	0.2	731
LTU	0.3	0.3	750
LVA	-0.1	-0.6*	963
MAR	0.0	-0.2	845
MDA	0.2*	0.2	2,478
MEX	-0.1	-0.2+	3,544
MKD	-0.2	-0.1	1,385
MYS	0.1	-0.4*	1,541
NGA	-0.1	-0.1	4,488
NZL	-0.1	0.1	417
PAK	0.4+	0.3	900
PER	0.3*	-0.5	1,026
PHL	0.4	0.5	2,294
POL	-0.1	-0.1	1,533
ROU	-0.2*	0.3*	3,568
RUS	0.2*	0.2*	3,253
RWA	-0.7*	-0.4+	2,398
		-0.4+ -0.4*	2,539 $2.539$
SRB	0.1		
SVN SWE	0.2+	-0.2	1,620
	$0.2 \\ 0.1$	0.2	1,769
THA		0.1	$2{,}178$ $826$
TUN	0.1	-0.1	$\frac{826}{2,985}$
UKR	$0.0 \\ 0.2$		
URY		0.1	2,017
USA	-0.1	-0.2*	3,372
UZB	0.0	-0.3*	1,247
VEN	-1.7*	-1.2*	1,034
VNM	0.1	-1.5*	2,039
ZAF	0.2*	0.0	5,330
ZWE	0.1	0.2	1,487
* p<0.05,			
+ p<0.1;			
robust			
$\operatorname{std}$ err			

**Table 2:** OLS regressions of SWB on place size for each country separately controlling for predictors of SWB listed in table 1.

The results in table 2 show that in 80% of countries with significant happiness differences across urbanicity, people are less happy in cities than in smaller areas. The only exceptions are in the East European Post Soviet countries (ALB, ROU, RUS), and in South-Asian countries (BGD and IND). Notably, these are all poor or developing countries. In all developed countries, people are happier in smaller places than in large places—without exception, we find that city dwellers are not happier

than rural residents.

The conclusion is that in all developed countries studied here, AUS, CAN, DEU, ESP, ITA, NLD,<sup>5</sup> NZL, SWE, and the USA, people in the largest areas have lower happiness levels than those in smaller areas.<sup>6</sup>

The urban-rural gradient is greatest in EGY, VEN,<sup>7</sup> and VNM where the effect sizes are larger than one, while the effect sizes for most other places are small to moderate, around .3 to .5 (on the 1–10 SWB scale). Yet, as indicated earlier, because of the limited cross-cultural comparability of the SWB measure, when interpreting our results, the focus should be on within-country SWB differences across urbanicity, and not on comparing cross-country effect sizes.

It is worth noting that in the first column (5-500k), the majority of the results are negative with only 5 countries yielding a positive result: GHA, MDA, PER, RUS, and ZAF—again, what is remarkable is that none of these countries is a developed country.

In the vast majority of countries, the results show a negative effect, and are only positive in East European Post Soviet ALB, ROU, and RUS, and South-Asian BGD and IND. East European Post Soviet countries are still quite centralized where power, opportunity, and resources are located in the large cities. India and Bangladesh are curious outliers (for some discussion see Deb 2020). Also note that in about a third or even half of the countries (depending on the model), there is no SWB difference across urbanicity. This is also a finding worth reporting as it runs counter to the common pro-urbanism and city triumphalism claim (e.g., Glaeser 2011). One would think that cities are the best places to live as people flock there in doves. Thus, a finding showing no difference for many cases is already surprising.

Even though coefficient estimates are small to moderate, the practical significance of the results is very strong because of the sheer size of urbanization. Even a minuscule negative effect of .1 (on a scale 1-10) on a large place versus a smaller place for a small country of 10 million people translates into an effect equivalent of making 100 thousand people go from the most miserable to the most happy level on the SWB scale 1-10. Globally, for billions of people living in cities, there is a massive amount of human misery produced.

Why are people less happy in large cities in the developed world, yet happier in some developing countries? There is at least one reason. In many developing countries, life is simply unbearable outside of the city lacking basic necessities such as shelter, food, water, sanitation, and healthcare. In developed countries, even the smallest places have reasonable access to necessities, and they do not suffer from urban disamenities.

As per Maslow's pyramid of needs (Maslow [1954] 1987), survival and opportunity come first, and this arguably can explain much of the paradox found in this paper—despite the city being biologically, neurologically, and socially negative for humans, cities can be useful for human wellbeing at the early stage of a country's economic development.

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<sup>&</sup>lt;sup>5</sup>Results for NLD are only in SOM.

<sup>&</sup>lt;sup>6</sup>At least in less elaborate specifications shown in the SOM, but even in the most elaborate specifications, even when the coefficient on larger places is insignificant, it is still negative.

<sup>&</sup>lt;sup>7</sup>Note: result for VEN should be interpreted with caution—this is the main difference with table exT4-3 in SOM and probably has to do with the fact that there are only 60 obs on the base case category. Other results are similar between the two tables.

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# SOM: ONLINE APPENDIX (THIS WILL NOT BE A PART OF THE PAPER

## Descriptive Statistics

$\operatorname{code}$	name
ALB	Albania
ARG	Argentina
AUS	
	Australia
$_{ m AZE}$	Azerbaijan
$_{ m BFA}$	BurkinaFaso
$_{\mathrm{BGD}}$	Bangladesh
$_{\mathrm{BGR}}$	Bulgaria
BLR	Belarus
BOL	Bolivia
$_{\rm BRA}$	Brazil
$_{\rm CAN}$	Canada
$_{\mathrm{CHL}}$	Chile
CHN	China
COL	Cillia
COL	Colombia
$_{ m DEU}$	Germany
DZA	Algeria
ECU	Ecuador
$\overline{\mathrm{EGY}}$	
	Egypt
ESP	Spain
ETH	Ethiopia
FRA	France
GEO	Georgia
$\overline{\mathrm{GHA}}$	Ghana
GRC	Greece
$_{ m GTM}$	Guatemala
$_{ m HRV}$	Croatia
HUN	Hungary
IDN	Indonesia
IND	India
IRN	Iran
$_{ m IRQ}$	Iraq
ITA	Italy
JOR	Jordan
KAZ	Kazakhstan
KGZ	Kyrgyzstan
KWT	Kuwait
$_{ m LBN}$	Lebanon
$_{ m LTU}$	Lithuania
LVA	Latvia
MAR	Morocco
MDA	Moldova
MEX	Mexico
MKD	NorthMacedonia
MYS	Malaysia
NGA	Nigeria
NLD	Netherlands
NOR	Norway
NZL	NewZealand
PAK	Pakistan
PER	Peru
PHL	Philippines
	Poland
POL	
ROU	Romania
RUS	Russia
RWA	Rwanda
SRB	Serbia
SVN	Slovenia
SWE	Sweden
SVVE	
THA	Thailand
TJK	Tajikistan
$_{ m TUN}$	Tunisia
TUR	Turkey
UKR	Ukraine
URY	
TICA	Uruguay
USA	UnitedStates
UZB	Uzbekistan
VEN	Venezuela
VNM	Vietnam
ZAF	SouthAfrica
ZWE	Zimbabwe
Z ( ) Y L	Zimbabwe

Table 3: Country codes.

Some countries were dropped if data were missing on major categories. If there were less than 30 observations on both collectively 2 smallest categories or on top category a country was dropped.

code	T 1	T 2	Т 3	T 4	T 5	T 6	T 7	Т 8
ALB	743	235	198	74	187	195	201	134
ARG	261	120	80	140	142	160	254	2880
AUS	404	420	440	469	698	621	779	2681 272
AZE	164	$\frac{232}{124}$	$\frac{65}{271}$	46	61 342	82 128 223 247 160	80 30 289	272
BFA	60	124	271	331	342	128	30	169
BGD	60 437	1498	781	371	397	223	289	156
BGR	500	246	103	133	$\frac{178}{251}$	247	348	318
BLR	500 917	111	61	133 252	251	160	348 1063	318 812
BOL	423	30	101	71	251	100	270	701
BRA	70	301	240	71	254 835 410	109 852 762 702 1999	$\frac{378}{1740}$	701 2814 1145 2206
BRA	$72 \\ 1321$	301	340	539 372	830	802	1740	2814
CAN	1321	490	537	372	410	762	693	1145
CHL	141 237 16	$\frac{43}{274}$	9	$\frac{23}{373}$	110	702	3466	2206
CHN	237	274	126	373	1812	1999	2139	2568 1940
COL	16	48	225	358	1053	910	1476	1940
DEU	784	825	645	1279	$1053 \\ 1373$	601	1147	996
DZA	784 190 50	7 132	364 127	278 144	456 179	544	549	92
ECU	50	132	127	144	179	301	916	553
ECU EGY	119	362	1464	1143	1149	504	313	92 553 1072
ESP	307	362 328 108	365 360	451 291	433 207	544 301 504 362 691	946 904	729 71
ETH	98	108	360	291	207	691	904	71
FRA	246	82	30	48	47	85	67	387
FRA GEO	749	82 442	138	48 151	180	49	67 309	682
GHA	150	1541	39 138 238	$\frac{131}{242}$	47 189 374	139	156	237
CDC	198	20	430 E0	242 EO	150	140	190	440
GRC	307 98 246 742 159 290 263	30	50	50 77	$\frac{150}{321}$	140	$\frac{50}{201}$	440 977
GTM	203	121	92	( (	321	151	201	977
HRV	375	181	4	141	8 216	104	127	215
HUN	153	320	73	189	216	171	223	312
IDN	801	1204	1270	796	426	211	304	1203
IND	375 153 801 2965 439	2368	73 1270 1421	1234	987 261	104 171 211 834 176	$\frac{304}{1171}$	1238
IRN	439	384	295	140	261	176	542	1737
IRQ		467	295 73	140 182 176	184	85	542 449	312 1203 1238 1737 1117
ITA	70 310 293 983 114	148	135	176	131	124	100	128
JOR KAZ	310	489	459 173 373	356	676 193	286	299 702	754
KAZ	293	449	173	225	193	95	$\frac{200}{702}$	646
KGZ	983	958	373	194	168 23 529	141	231 297 153	695
KWT	114	61	10	70	23	6	207	695 462
LBN	80	$\frac{61}{265}$	19 336	70 336	520	$\begin{array}{c} 6 \\ 275 \end{array}$	153	191
LTU	80 324 373	12	48	114	66	30	252	163
LIU	272	$\frac{12}{24}$	57	01	66 101 100 214 697 326 314	$\frac{30}{108}$	202 E7	100
LVA MAR	313	$\frac{24}{270}$	97	81 474	101	100	57 293	399 921 365 2764 382
MAN	700	270	292 370 749	4/4	100	51	$\frac{293}{261}$	921
MDA	700	906	370	202	214	20	261	365
MEX	1196	1129	749	653	697	566 343	1686 48 735	2764
MKD	475	253	163	60 282	326	343	48	382
MYS	300	503	269	282	314	276	735	241
NGA	318	804	669	658	1044	1123	1774	1428
NZL	308	0	270 566	182	152 62	190	516 251	187
PAK	529	1124	566	251	62	10	251	1935
PER PHL	590	137	60	108	175	10 339 430	1070	241 1428 187 1935 131
PHL	350	295	210	105	590	430	1000	020
POL	1097	173	111	168	318	277	629	343
ROU	819	1203	568	411	487	$\frac{277}{482}$	1326	$\frac{468}{2532}$
RUS	1166	600	541	417	784	461	1810	2532
RWA	700 1196 475 300 318 308 529 590 350 1097 819 1166 15 691 1520	76	92	128	175 590 318 487 784 419 606 226	$\frac{461}{1620}$	634	50
SRB	691	76 508	92 580	316	606	758	544	$\frac{50}{732}$
SVN	1520	475	$\frac{360}{240}$	149	226	78	278	118
SWE	123	56	91	166	$\frac{220}{377}$	545	$\frac{278}{762}$	766
THA	$\frac{125}{2450}$	619	38U 9T	164	190	93	102 15	152
		613	389				45	153
TJK	$\frac{360}{72}$	370	80	70	90	90	30	110
TUN	73	468	669	429	251	252	191	80
TUR	96	12	84	48	264	230	1273	408
UKR	962	527	178	327	294	305	806	912
URY	99	129	118	229	493	328	1	1336
USA	410	352	357	636	960	746	972	1168
UZB	500	440	40	40	60	20	260	140
VEN	20	40	172	192	242	242	484	1008
VNM	63	708	736	784	190	94	966	154
ZAF	3912	218	194	258	269	238	390	987
ZWE	470	687	317	86	183	422	323	227
	-				-		-	

<sup>\*</sup> p<0.05, + p<0.1; robust std err

Table 4: Counts by 8 urbanicity categories on X049.

#### Limitations

We do not use the Gallup dataset. Some may argue that this is a limitation because Gallup covers more countries than the WVS. However, given that the Gallup data cost tens of thousands of dollars, we cannot afford it. In fact, we'd discourage scientists from paying from their tax money to private corporations to do research. Therefore, we actually consider it an advantage not to use the Gallup dataset. Still, many world countries are missing, and using more waves of WVS data in the future as they become available would contribute significantly to the literature.

A limitation is that many countries were not included as a result of not having many people in the smallest or the largest areas. In addition, cross cultural comparability is a caveat. Hence, we run separate analysis for each country and don't pool the data together, but still, it should be kept in mind that happiness can mean something different in different societies. Similarly, cities around the world are very different. The breadth of the study is accompanied by oversimplification. Some research in this area claims that urban-rural differentials might be country-specific and not be generalizable at all.

Again, we would like to have more gradation at the top of the distribution, but 500 thousand is a reasonable and adequate cutoff to distinguish a large city from other places. Unfortunately, there are no other data better suited for this purpose and we do the best we can with what's available. The results are conservative—if we had a cutoff at 750 thousand or 1 million, they'd be stronger (Okulicz-Kozaryn 2015).

The limitation of X049 is not only a low top bin for the largest cities (500k+), but also the fact that about a third of values are missing. Future research can focus on specific countries using other data or WVS data using the X049CS variable, which has country specific sizes of places, which however are not directly or easily comparable—bins differ across countries and in some cases, place is named "major city", "Farm / Mountain / Fishing village," etc).

### Cities in Developing Countries

Cities can be actually useful for human wellbeing at the early stage of a country's development. Figure 1 and 2 elaborate the Maslow's pyramid mentioned in the body of the paper. At first, one needs to focus on necessities such as survival and cities do help, which could explain why people in developing countries are happier there; Yet, it is remarkable that in all developed countries studied here, people in cities are less happy.

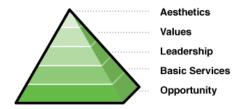


Figure 1: Place Pyramid, (Florida 2008, p 294).

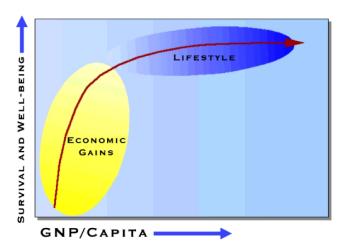


Figure 2: Well-being and income, (Inglehart 1997).

### Urbanicity Definition and Operationalization: Alternative Models

We have three different operationalizations of urbanicity: the original 8 categories, and categories collapsed in 2 alternative ways. There are 4 sets of models: bivariate (with year dummies), essentially the mean difference between categories; 2) basic set of controls, necessary/important ones; 3) full/extended (the one reported in the body of the manuscript); and 4) over-saturated models, with many observations missing.

The models are presented in the tables below, where the coding is as follows: T# is the type of setup: T is the original 8 categories on the urbanicity variable; T3 is three categories, and T4 is four categories. The number after the dash (-#) denotes the elaboration of the model: -1 only includes the urbanicity variable and year dummies

- -2 adds age, gender, marital status, education, income, social class, and health
- -3 adds materialism, religiosity, automomy, freedom and trust
- -4 adds crime and financial satisfaction

ARG  OLD  ARG  OLD  ARG  OLD  OLD  OLD  OLD  OLD  OLD  OLD  OL		-10	10-50k	50-500k	500k-	N
ARG 0.0 0.2+ -0.0 -0.1 4010  AZE 0.0 -0.0 -0.0 -0.0 -0.0 6466  AZE 0.0 -0.2 -0.3* 0.4* 1002  BFA 0.0 -0.3* 0.6* -0.0 1421  BGD 0.0 -0.2* 0.4* 1.5* 4106  BGR 0.0 0.6* 0.0* 3* 0.4* 1.5* 4106  BGR 0.0 0.6* 0.0 -0.0 ** 0.0* 1.2* 2014  BLR 0.0 0.5* 0.4* 0.5* 3603  BOL 0.0 -0.1 -0.0 0.1 2058  BRA 0.0 -0.0 -0.1 -0.0 0.1 2058  BRA 0.0 0 -0.1 -0.0 0.1 2058  BRA 0.0 0 -0.1 -0.1* -0.5* 5720  CHL 0.0 0 -0.1 -0.1* -0.5* 5720  CHL 0.0 0 0.2 0.4* 0.2+ 9407  COL 0.0 0 -0.1 -0.1* 0.0* 0.2+ 9407  COL 0.0 0 -0.1 -0.1* 0.0 0.1 6025  DEU 0.0 0 -0.1* 0.0 -0.0 -0.1 6025  DEA 0.0 0 -0.1* 0.0 0.0 -0.0 1562  ECU 0.0 0 -0.2 0.1 0.0 0.0 2400  ECY 0.0 0 -0.2 0.1 0.0 2400  ESP 0.0 0.0 0.2 0.1 0.0 2400  ESP 0.0 0.0 0.0 -0.1 0.2 2433  EFTH 0.0 0 -0.5* 0.1 0.1 2719  FRA 0.0 0.0 0.3 3 -0.2 0.2 2400  GRC 0.0 0.0 0.3 3 -0.1 0.1 1000  GRC 0.0 0.0 0.3 3 -0.1 0.1 1000  GRC 0.0 0.0 0.0 0.3 3 -0.1 1000  GRC 0.0 0.0 0.0 0.5* 0.5* 2676  GRC 0.0 0.0 0.0 0.3 3 -0.1 1000  GRM 0.0 0.2* 0.4* 1200  GTM 0.0 0.6* 0.8* 0.3* 1152  HUN 0.0 0.0 0.8* 0.3* 1152  HUN 0.0 0.0 0.8* 0.3* 1152  HUN 0.0 0.0 0.1 0.1 0.1 103  ITA 0.0 0.0 0.5* 0.5 38080  GRC 0.0 0.0 0.1 0.1 0.1 103  ITA 0.0 0.0 0.2 0.2 0.4* 1200  GTM 0.0 0.6* 0.8* 0.3* 2202  KAZ 0.0 0.0 0.1 0.1 1.1 1064  IDN 0.0 0.6* 0.8* 0.3* 2692  IND 0.0 0.6* 0.4* 0.4* 0.3* 6692  IND 0.0 0.0 0.1 0.1 1.1 1034  IERN 0.0 0.0 0.2 0.0 0.1 1.1 1011  ITA 0.0 0.0 0.2 0.0 0.1 1.1 1011  ITA 0.0 0.0 0.2 0.0 0.1 1.1 1011  ITA 0.0 0.0 0.0 0.1 0.1 1.1 1034  IERN 0.0 0.0 0.0 0.1 0.1 0.1 0.1 1034  IERN 0.0 0.0 0.0 0.1 0.1 0.1 0.1 1034  IERN 0.0 0.0 0.0 0.1 0.1 0.1 0.1 0.1 1034  IERN 0.0 0.0 0.0 0.1 0.1 0.1 0.1 0.1 1034  IERN 0.0 0.0 0.2 0.2 0.3* 1199  ITYU 0.0 0.0 0.4* 0.4* 1199  ITYU 0.0 0.0 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1	ΔIR					
AUS						
AZE BEA 0.0 -0.3* 0.6* -0.0 1421 BGD 0.0 -0.3* 0.6* -0.0 1421 BGD 0.0 -0.2* 0.4* 1.5* 4106 BGR 0.0 0.6* 0.7* 0.8* 2014 BLR 0.0 0.5* 0.4* 0.5* 3603 BOL 0.0 0.5* 0.4* 0.5* 3603 BOL 0.0 0.0 -0.1 -0.0 0.1 2058 BRA 0.0 -0.1 -0.0 0.1 2058 BRA 0.0 -0.1 -0.1* -0.5* 7762 CAN 0.0 -0.1 -0.1* -0.5* 5720 CHL 0.0 0.3 -0.2 -0.2 6657 CHL 0.0 0.3 -0.2 -0.2 6657 CHN 0.0 0.2 0.4* 0.2+ 9407 COL 0.0 -0.0 -0.1 0.0 -0.1 6025 DEU 0.0 -0.1* 0.0 -0.0 -0.1 6025 DEU 0.0 -0.1* 0.0 -0.0 -0.1 6025 DEU 0.0 -0.3* 0.1 0.4 2433 ECU 0.0 -0.2 -0.1 0.0 2400 ESP 0.0 -0.2+ -0.1 0.0 2400 ESP 0.0 -0.2+ -0.1 0.0 2400 ESP 0.0 -0.0 -0.1 -0.2* 3898 ETH 0.0 -0.5* 0.1 0.1 2719 FRA 0.0 0.0 0.3+ 0.1 1000 GGC GRC 0.0 0.0 0.0 0.5* 0.5* 2676 GHA 0.0 0.7* 0.7* 0.5* 3080 GGRC 0.0 0.0 0.0 -2.0 -0.4* 1200 GTM 0.0 0.6* 0.8* 0.3* 2202 HUN 0.0 0.6* 0.8* 0.3* 2202 HUN 0.0 0.0 0.1 -0.1 0.1 1649 IDN 0.0 0.0 0.2 0.4 0.3 0.3 2202 IRR 0.0 0.0 0.0 0.1 0.1 10.1 1649 IDN 0.0 0.0 0.2 0.4 0.4 0.3 3973 IRQ 0.0 0.0 0.1 0.1 0.1 1010 GGZ KAZ 0.0 0.0 0.2 0.4 0.4 0.3 6092 IND 0.0 0.6* 0.1 0.1 0.1 1006 ITM 0.0 0.6* 0.1 0.1 0.1 1006 ITM 0.0 0.0 0.2* 0.4 0.1 0.1 1006 ITM 0.0 0.0 0.2* 0.4 0.1 0.1 1006 ITM 0.0 0.0 0.0 0.1 0.1 0.1 1006 ITM 0.0 0.0 0.0 0.1 0.1 0.1 1006 ITM 0.0 0.0 0.0 0.1 0.1 0.1 1006 ITM 0.0 0.0 0.2* 0.0 0.1 0.1 1019 ITM 0.0 0.0 0.6* 0.1 0.1 0.1 1099 ITM 0.0 0.0 0.2* 0.0 0.1 0.1 0.1 1006 ITM 0.0 0.0 0.2* 0.0 0.1 0.1 1006 ITM 0.0 0.0 0.2* 0.0 0.1 0.1 0.1 1006 ITM 0.0 0.0 0.0 0.1 0.1 0.1 0.1 1006 ITM 0.0 0.0 0.2* 0.0 0.1 0.1 0.1 1006 ITM 0.0 0.0 0.2* 0.0 0.1 0.1 1006 ITM 0.0 0.0 0.0 0.1 0.1 0.1 1006 ITM 0.0 0.0 0.2* 0.0 0.1 0.1 1006 ITM 0.0 0.0 0.0 0.1 0.1 0.1 1006 ITM 0.0 0.0 0.0 0.1 0.1 0.1 1006 ITM 0.0 0.0 0.2* 0.0 0.1 0.1 1006 ITM 0.0 0.0 0.0 0.1 0.1 0.1 1006 ITM 0.0 0.0 0.0 0.1 0.1 0.1 0.1 1006 ITM 0.0 0.0 0.0 0.1 0.1 0.1 0.1 1006 ITM 0.0 0.0 0.0 0.0 0.1 0.1 0.1 1006 ITM 0.0 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1						
BEA  0.0  0.0  0.0  0.0  0.1  BGR  0.0  0.0  0.6*  0.7*  0.8*  2014  BBLR  0.0  0.0  0.5*  0.4*  0.5*  3603  BOL  0.0  0.0  0.0  0.1  2058  BBRA  0.0  0.0  0.1  0.1  2058  BBRA  0.0  0.0  0.1  0.1  2058  BBRA  0.0  0.0  0.1  0.1  0.3*  0.2  0.2  0.4*  0.2  0.2  0.657  CHN  0.0  0.0  0.1  0.0  0.1  0.0  0.1  0.0  0.1  0.0  0.0  0.1  0.0  0						
BGD         0.0         -0.2*         0.4*         1.5*         4106           BGR         0.0         0.6*         0.7*         0.8*         2014           BLR         0.0         -0.1         -0.0         0.1         2058           BRA         0.0         -0.0         -0.3*         -0.3*         7462           CAN         0.0         -0.1         -0.1*         -0.5*         5720           CHL         0.0         0.3         -0.2         -0.4*         0.2+         9407           CHL         0.0         0.2         0.4*         0.2+         9407         CDL           CHL         0.0         0.0         -0.1*         0.0         -0.1         6025           CHL         0.0         0.0         -0.1*         0.0         -0.1         6025           CHL         0.0         0.0         -0.1*         0.0         -0.4         4007           COL         0.0         0.0         -0.1*         0.0         -0.2*         9.0         0.0         0.2*         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0         9.0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
BGR BUR 0.0 0.0 0.5* 0.4* 0.5* 3603 BOL 0.0 0.0 0.0 0.1 0.0 0.1 2058 BRA 0.0 0.0 0.0 0.0 0.3 2059 BEU 0.0 0.0 0.1 0.1 0.4 2453 BEU 0.0 0.0 0.3 2400 BEV 0.0 0.0 0.3 2400 BEV 0.0 0.0 0.3 2400 BEY 0.0 0.0 0.0 0.1 0.1 0.1 2719 BFRA 0.0 0.0 0.0 0.3 3 0.1 2719 BFRA 0.0 0.0 0.0 0.3 3 BETH 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.					1.5*	
BUR 0.0 0.5* 0.4* 0.5* 3603 BOL 0.0 -0.1 -0.0 0.1 2058 BRA 0.0 -0.0 -0.1 -0.0 0.1 2058 BRA 0.0 -0.0 -0.0 -0.3* -0.3* 7462 CAN 0.0 -0.1 -0.1* -0.5* 5720 CHL 0.0 0.0 -0.1 -0.1* -0.5* 5720 CHL 0.0 0.0 0.3 -0.2 -0.2 -0.2 6657 CHN 0.0 0.0 0.2 0.4* 0.2+ 9407 COL 0.0 0.0 -0.0 -0.0 -0.1 6025 DEU 0.0 0.0 -0.0 -0.0 -0.1 6025 DEU 0.0 0.0 -0.1* 0.0 -0.0 -0.1 6025 DZA 0.0 0.3+ 0.1 0.4 2433 ECU 0.0 0.3+ 0.1 0.4 2433 ECU 0.0 -0.2* 0.1 0.0 -0.0 7625 DZA 0.0 0.3+ 0.1 0.0 -0.0 7625 DZA 0.0 0.3+ 0.1 0.0 -0.0 7625 DZA 0.0 0.0 -0.2* 0.1 0.0 2400 EGY 0.0 -0.2+ 0.1 0.0 -0.2* 3898 ETH 0.0 -0.5* 0.1 0.1 2719 FRA 0.0 0.0 0.0 0.3+ 0.1 1000 GEO 0.0 0.0 0.0 0.3+ 0.1 1000 GEO 0.0 0.0 0.3+ 0.1 1000 GEO 0.0 0.0 0.3+ 0.1 1000 GEO 0.0 0.0 0.3* 0.1 1000 GEO 0.0 0.0 0.5* 0.5* 2676 GHA 0.0 0.0 0.7* 0.7* 0.5* 3080 GGRC 0.0 0.0 0.0 0.2* 0.4* 1200 GTM 0.0 0.6* 0.8* 0.3* 2202 HHV 0.0 0.0 0.0 0.2* 0.4* 0.3* 6092 IND 0.0 0.0 0.1 0.1 1649 IND 0.0 0.0 0.0 0.1 0.1 1649 IND 0.0 0.0 0.2* 0.4* 0.3* 6092 IND 0.0 0.0 0.2* 0.0 0.0 0.1 0.1 1006 JOR 0.0 0.0 0.2* 0.0 0.1 0.1 1006 JOR 0.0 0.0 0.1 0.1 0.1 1006 JOR 0.0 0.0 0.2* 0.0 0.1 0.1 1006 JOR 0.0 0.0 0.2* 0.0 0.1 0.1 1006 JOR 0.0 0.0 0.2* 0.0 0.1 0.1 1006 JOR 0.0 0.0 0.1 0.1 0.1 1006 JOR 0.0 0.0 0.2* 0.0 0.1 0.1 0.1 1006 JOR 0.0 0.0 0.2* 0.0 0.1 0.1 0.1 1006 JOR 0.0 0.0 0.2* 0.0 0.1 0.1 0.1 1006 JOR 0.0 0.0 0.2* 0.0 0.1 0.1 0.0 0.0 0.1 1006 JOR 0.0 0.0 0.0 0.0 0.1 0.1 0.1 0.0 0.0 0.0					0.8*	
BOL						3603
CAN CHL 0.0 0.3 -0.2 0.4* 0.2+ 9407 COL CHN 0.0 0.2 0.4* 0.2+ 9407 COL COL 0.0 0.0 0.2 0.4* 0.2+ 9407 COL COL 0.0 0.0 0.1 0.0 0.0 0.1 0.0 0.0 0.1 0.0 0.0	BOL	0.0	-0.1	-0.0		2058
CHL 0.0 0.3 -0.2 -0.2 6657 CHN 0.0 0.0 0.2 0.4* 0.2+ 9607 COL 0.0 -0.0 -0.0 -0.1 6025 DEU 0.0 -0.0 -0.1* 0.0 -0.1 6025 DZA 0.0 0.0 -0.1* 0.0 -0.0 -0.0 6025 DZA 0.0 0.0 -0.3+ 0.1 0.4 2433 ECU 0.0 -0.2* -0.1 0.0 2400 EGY 0.0 -0.2* -0.1 0.0 2400 EGY 0.0 -0.2* -0.1 0.0 -0.2* 3898 ETH 0.0 -0.5* 6120 ESP 0.0 -0.0 -0.0 -0.1 -0.2+ 3898 ETH 0.0 -0.5* 0.1 0.1 12719 FRA 0.0 0.0 0.0 0.3+ 0.1 1000 GGC 0.0 0.0 0.0 0.3+ 0.1 1000 GGC 0.0 0.0 0.0 0.5* 2676 GHA 0.0 0.0 0.0 0.5* 2676 GHA 0.0 0.0 0.7* 0.7* 0.5* 3080 GGC 0.0 0.0 0.0 0.5* 3080 GGRC 0.0 0.0 0.0 0.2* -0.4* 1200 GTM 0.0 0.0 0.2* 0.4* 1200 GTM 0.0 0.0 0.0 0.1 -0.1 1649 IDN 0.0 0.0 0.0 0.1 -0.1 1649 IDN 0.0 0.0 0.2* 0.4* 0.3* 6092 IND 0.0 0.2* 0.4* 0.3* 6092 IND 0.0 0.2* 0.4* 0.3* 6092 IND 0.0 0.0 0.2* 0.4* 0.3* 6092 IND 0.0 0.0 0.2* 0.3* 0.0 3973 ITA 0.0 0.0 0.2 -0.3* 0.0 3973 ITA 0.0 0.0 0.1 -0.1 1006 JOR 0.0 0.0 0.0 0.0 0.1 -0.1 1006 JOR 0.0 0.0 0.0 0.0 0.1 0.1 0.1 1006 JOR 0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.1 1006 JOR 0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.1 1006 JOR 0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.1 1006 JOR 0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.1 1006 JOR 0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.1 1006 JOR 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	BRA	0.0	-0.0	-0.3*	-0.3*	7462
CHN COL 0.0 0.0 0.0 0.0 0.1* 0.0 0.0 0.0 0.3+ 0.1 0.0 0.0 0.3+ 0.1 0.0 0.2 0.4 0.0 0.0 0.3+ 0.1 0.0 0.0 0.2 0.2 0.4 0.0 0.0 0.3+ 0.1 0.0 0.0 0.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0	CAN	0.0	-0.1	-0.1*	-0.5*	5720
COL         0.0         -0.0         -0.0         -0.1         6025           DZA         0.0         -0.1*         0.0         -0.0         6725           DZA         0.0         0.3+         0.1         0.4         2433           ECU         0.0         -0.2         -0.1         0.0         2433           ECU         0.0         -0.2+         -0.1         0.0         2433           ESP         0.0         -0.0         -0.1         -0.2+         3898           ETH         0.0         -0.5*         0.1         0.1         1000           GEO         0.0         0.0         0.3+         0.1         1000           GEO         0.0         0.0         0.5*         0.5*         2676           GHA         0.0         0.0         0.2         -0.4*         1200           GRC         0.0         0.0         0.1         0.1						
DEU         0.0         -0.1*         0.0         -0.0         7625           DZA         0.0         0.3+         -0.1         0.4         2433           ECU         0.0         -0.2+         -0.1         0.0         2400           ESF         0.0         -0.0+         -0.1         -0.2+         3898           ETH         0.0         -0.5*         0.1         0.1         2719           FRA         0.0         0.0         0.5*         0.5*         2676           GHA         0.0         0.0         0.5*         0.5*         2676           GHA         0.0         0.7*         0.5*         3080           GRC         0.0         0.0         0.2         -0.4*         1200           GTM         0.0         0.6*         0.8*         0.3*         2202           HRV         0.0         0.1         -0.1         1649         1152           HUN         0.0         0.0         0.1         1.1         1649         1152           HUN         0.0         0.0         0.2*         0.4*         0.3*         6092           IND         0.0         0.0         0.1						
DZA  OU 0.0						
ECU 0.0 -0.2 -0.1 0.0 2400 EGY 0.0 -0.2+ -0.1 -0.5* 6120 ESP 0.0 -0.0 -0.1 -0.2+ 3898 ETH 0.0 -0.5* 0.1 0.1 2719 FRA 0.0 0.0 0.0 0.5* 0.5* 2676 GBO 0.0 0.0 0.0 0.5* 0.5* 2676 GHA 0.0 0.0 0.7* 0.7* 0.5* 3080 GRC 0.0 0.0 0.0 0.2 -0.4* 1200 GTM 0.0 0.6* 0.8* 0.3* 2202 HRV 0.0 0.1 -0.1 0.3 1152 HUN 0.0 0.0 0.1 -0.1 0.3 1152 HUN 0.0 0.0 0.1 -0.1 0.3 1152 HUN 0.0 0.0 0.6* 0.1* 0.3* 6092 IND 0.0 0.0 0.2* 0.4* 0.3* 6092 IND 0.0 0.6* 0.1+ 0.5* 11971 IRN 0.0 0.6* 0.1+ 0.5* 11971 IRN 0.0 0.0 0.6* 0.1+ 0.5* 11971 IRN 0.0 0.0 0.1 -0.1 0.1 1006 JOR 0.0 0.1 -0.1 0.1 1006 JOR 0.0 0.1 -0.1 0.2+ 2631 ITA 0.0 -0.0 -0.1 0.1 1006 JOR 0.0 0.1 -0.1 0.2 261 KAZ 0.0 0.1 0.1 0.1 106 KGZ 0.0 0.1 0.1 0.1 106 KGZ 0.0 0.1 0.1 0.1 1034 LBN 0.0 0.2* -0.0 0.1 3622 KAZ 0.0 0.1 0.1 0.1 -0.0 2761 KWT 0.0 -0.6* 0.4+ 0.1 1034 LBN 0.0 0.0 -0.2 0.2 -0.7* 3731 KWT 0.0 -0.6* 0.4+ 0.1 1034 LBN 0.0 0.0 0.5+ 0.6* 0.6* 996 LVA 0.0 0.0 0.1 -0.1 0.1 1034 LBN 0.0 0.0 0.2 0.2 0.2 -0.4* 1190 MAR 0.0 0.2+ 0.7* 0.2 2442 MDA 0.0 0.0 0.1 -0.1 0.1 100 MAR 0.0 0.2+ 0.7* 0.2 2442 MDA 0.0 0.0 0.2 0.0 0.1 0.1 1770 MEX 0.0 0.1 0.1 0.0 0.0 3329 MKD 0.0 0.1 0.1 0.0 0.0 0.7* 3000 MEX 0.0 0.1 0.1 0.0 0.0 3299 NGA 0.0 0.1 0.1 0.2 0.4* 2031 MYS 0.0 0.1 0.1 0.0 0.0 0.7* 3000 MEX 0.0 0.1 0.1 0.2 0.4* 2031 MYS 0.0 0.1 0.2 0.2 0.4* 2031 MYS 0.0 0.1 0.2 0.2 0.4* 3031 MYS 0.0 0.0 0.1 0.2 0.4* 3031 MYS 0.0 0.0 0.1 0.2 0.4 3033 ROU 0.0 0.1 0.2 0.2 0.2 0.2 0.4* 5060 POL 0.0 0.1 0.2 0.2 0.4 5060 SWE 0.0 0.0 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0						
EGY						
ESP 0.0 -0.0 -0.1 -0.2+ 3898   ETH 0.0 -0.5* 0.1 0.1 2719   FRA 0.0 0.0 0.0 0.3+ 0.1 1000   GEO 0.0 0.0 0.0 0.3+ 0.1 1000   GEO 0.0 0.0 0.0 0.5* 0.5* 2676   GHA 0.0 0.7* 0.7* 0.5* 3080   GRC 0.0 0.0 0.0 0.2 -0.4* 1200   GTM 0.0 0.6* 0.8* 0.3* 2202   HRV 0.0 0.1 -0.1 0.3 1152   HUN 0.0 0.0 0.1 -0.1 0.1 1649   IDN 0.0 0.2* 0.4* 0.3* 6092   IND 0.0 0.6* 0.1+ 0.5* 11971   IRN 0.0 0.0 0.2 -0.3* 0.0 3973   IRQ 0.0 0.1 -0.1 0.1 0.2 + 2631   ITA 0.0 0.0 0.1 -0.1 0.2 1 3622   KAZ 0.0 0.1 -0.1 0.1 1006   JOR 0.0 0.2* -0.0 0.1 3622   KAZ 0.0 0.1 0.1 0.1 1006   JOR 0.0 0.2* -0.0 0.1 3622   KAZ 0.0 0.1 0.1 0.1 1006   JOR 0.0 0.5+ 0.6* 0.6* 996   LVA 0.0 -0.0 -0.0 -0.1 -0.1 1190   MAR 0.0 0.0 0.5+ 0.6* 0.6* 996   LVA 0.0 0.0 0.2+ 0.7* 3731   KWT 0.0 0.5+ 0.6* 0.6* 996   LVA 0.0 0.0 0.2+ 0.7* 3000   MAR 0.0 0.2+ 0.7* 3029   MKD 0.0 0.3* 0.9* 0.7* 3000   MAR 0.0 0.0 0.2+ 0.7* 3000   MEX 0.0 0.1 0.0 -0.0 3299   MKD 0.0 0.1 0.1 0.0 -0.0 3299   MKD 0.0 0.1 0.0 0.0 -0.1 0.1 1770   PAK 0.0 0.0 0.1 0.1 0.2 0.4* 2031   MYS 0.0 0.1 0.0 0.1 0.5* 7807   PER 0.0 0.3 -0.0 0.1 0.5* 7807   PER 0.0 0.3 -0.0 0.1 0.5* 7807   PER 0.0 0.3 -0.0 0.1 0.2 0.4* 3677   PER 0.0 0.3 -0.0 0.1 0.2 0.4 3600   POL 0.0 0.1 0.2 0.4 48 0.1 1770   PAK 0.0 0.0 0.2 0.1 0.2 0.4 48 1817   PAK 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.						
ETH         0.0         -0.5*         0.1         100           GEO         0.0         0.0         0.3+         0.1         1000           GEO         0.0         0.0         0.5*         0.5*         2676           GHA         0.0         0.7*         0.7*         0.5*         3080           GRC         0.0         0.0         0.2         -0.4*         1200           GTM         0.0         0.6*         0.8*         0.3*         2202           HRV         0.0         0.1         -0.1         0.3         1152           HUN         0.0         0.0         0.1         0.1         0.3         1152           HUN         0.0         0.0         0.1         0.1         0.1         1649           IDN         0.0         0.0         0.1         0.1         0.5*         11971           IRN         0.0         0.0         0.2*         0.3*         0.0         3973           IRN         0.0         0.0         0.2         -0.3*         0.0         3973           IRN         0.0         0.1         -0.1         0.2+         2631           ITA <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
FRA GEO GEO O O O O O O O O O O O O O O O O						
GEO GHA O.0 O.7* O.7* O.7* O.5* 3080 GRC O.0 O.0 O.0 O.2 O.4* 1200 GTM O.0 O.6* O.8* O.3* 2202 HRV O.0 O.1 I. O.1 I. O.3 III52 HUN O.0 O.0 O.0 O.1 I. O.1 III52 HUN O.0 O.0 O.0 O.2* O.4* I.191 IBN O.0 O.0 O.2* O.4* O.3* I.152 HUN O.0 O.0 O.0 O.1 I. O.1 I.						
GHA GRC 0.0 0.0 0.7* 0.7* 0.4* 1200 GTM 0.0 0.6* 0.8* 0.3* 2202 HRV 0.0 0.1 1.0.1 1.0.3 1152 HUN 0.0 0.0 0.0 0.1 1.0.1 1.1649 IDN 0.0 0.0 0.2* 0.4* 0.3* 6092 IND 0.0 0.0 1.1 1.1649 IDN 0.0 0.0 0.0 0.1 1.1 1.1649 IDN 0.0 0.0 0.2* 0.4* 0.3* 6092 IND 0.0 0.0 0.6* 0.1+ 0.5* 11971 IRN 0.0 0.0 0.2- 0.3* 0.0 3973 IRQ 0.0 0.1 1.0.1 1.0.1 1.0.2+ 2631 ITA 0.0 0.0 0.1 1.0.1 1.0.1 1.0.2+ 2631 ITA 0.0 0.0 0.2* 0.0 0.1 1.0.1 1.0.1 1.006 JOR 0.0 0.0 0.1 1.0.1 1.0.1 1.0.2 2761 KGZ 0.0 0.0 0.1 1.0.1 1.0.1 1.0.3 4 LBN 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 1.0.1 1.0.3 4 LBN 0.0 0.0 0.0 0.0 0.0 0.0 0.1 1.0.1 1.0.3 4 LBN 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.				0.5*		
GRC 0.0 0.0 0.6* 0.8* 0.3* 1200 GTM 0.0 0.6* 0.8* 0.3* 2202 HRV 0.0 0.1 -0.1 0.3 1152 HUN 0.0 0.0 0.1 -0.1 0.1 1649 IDN 0.0 0.0 0.0 0.1 0.1 1649 IDN 0.0 0.0 0.6* 0.1+ 0.5* 11971 IRN 0.0 0.0 0.2* 0.4* 0.3* 6092 IND 0.0 0.0 0.6* 0.1+ 0.5* 11971 IRN 0.0 0.2 -0.3* 0.0 3973 IRQ 0.0 0.1 -0.1 0.2+ 2631 ITA 0.0 -0.0 -0.0 -0.1 0.1 1006 JOR 0.0 0.2* -0.0 0.1 10.1 1006 JOR 0.0 0.2* -0.0 0.1 3622 KAZ 0.0 0.1 0.1 0.1 -0.0 2761 KGZ 0.0 -0.2 0.2 -0.7* 3731 KWT 0.0 -0.6* 0.4+ 0.1 1034 LBN 0.0 0.0 0.5+ 0.6* 0.6* 0.996 LVA 0.0 0.5+ 0.6* 0.6* 0.6* 996 LVA 0.0 0.5+ 0.6* 0.6* 0.6* 996 LVA 0.0 0.0 0.2+ 0.0 0.1 2159 LTU 0.0 0.3* 0.9* 0.7* 3000 MEX 0.0 0.3* 0.9* 0.7* 3000 MEX 0.0 0.1 0.1 0.0 -0.0 9329 MKD 0.0 0.1 0.0 -0.1 0.2 0.4* 2031 MYS 0.0 0.1 0.0 -0.1 0.2 0.4* 2031 MYS 0.0 0.1 0.0 -0.1 0.2 0.4* 2031 MYS 0.0 0.1 0.0 -0.1 0.0 -0.1 2919 NGA 0.0 0.1 0.0 -0.1 0.0 -0.1 2919 NGA 0.0 0.0 -0.1 0.0 -0.1 1770 PAK 0.0 0.0 0.1 0.0 -0.1 0.2 0.4* 2031 MYS 0.0 0.1 0.0 -0.1 0.2 0.4* 2031 MYS 0.0 0.1 0.0 -0.1 0.0 -0.1 1770 PAK 0.0 0.6* 0.1 0.4* 3677 PER 0.0 0.3+ 0.6* 0.5* 2602 PHL 0.0 0.3+ 0.6* 0.5* 2602 PHL 0.0 0.0 0.1 0.2* 0.0 0.1 1770 PAK 0.0 0.0 0.1 0.2 0.4* 2631 SRB 0.0 0.0 0.2 0.1 0.0 0.0 0.3 3093 ROU 0.0 0.1 0.0 -0.2 -0.3 3030 SRB 0.0 0.2* 0.1 0.0 0.0 0.1 0.4* 3680 SWE 0.0 0.2* 0.1 0.0 0.0 0.1 0.4* 3687 TUN 0.0 0.0 0.2* 0.1 0.0 0.0 0.1 0.4* 3687 TUN 0.0 0.0 0.2* 0.1 0.0 0.0 0.1 0.4* 3687 TUN 0.0 0.0 0.2* 0.1 0.0 0.0 0.1 0.4* 3687 TUN 0.0 0.0 0.2* 0.1 0.0 0.0 0.1 0.4* 3680 TUN 0.0 0.0 0.2* 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0						
GTM         0.0         0.6*         0.8*         0.3*         2202           HRV         0.0         0.1         -0.1         0.3         1152           HUN         0.0         0.0         0.1         0.1         1649           IDN         0.0         0.2*         0.4*         0.3*         6092           IND         0.0         0.6*         0.1+         0.5*         11971           IRN         0.0         0.2         -0.3*         0.0         3973           IRQ         0.0         0.1         -0.1         0.2+         2631           ITA         0.0         -0.0         -0.1         0.1         1006           JOR         0.0         0.2*         -0.0         0.1         3622           KAZ         0.0         0.1         0.1         -0.0         2761         KGZ           KGZ         0.0         -0.2         0.2         -0.7*         3731         KWT         0.0         -0.6*         0.4+         0.1         1034         LBN           LBN         0.0         0.0         -0.1         -0.1         2159         LTU         0.0         0.6*         0.6*         0.6* <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
HRV 0.0 0.1 -0.1 0.3 1152 HUN 0.0 0.0 0.0 0.1 0.1 1649 IIDN 0.0 0.0 0.2* 0.4* 0.3* 6092 IND 0.0 0.0 0.6* 0.1+ 0.5* 11971 IRN 0.0 0.0 0.2* 0.3* 0.0 3973 IRQ 0.0 0.1 -0.1 0.2+ 2631 ITA 0.0 -0.0 -0.0 -0.1 0.2+ 2631 ITA 0.0 -0.0 0.2* -0.0 0.1 3622 KAZ 0.0 0.1 0.1 0.1 -0.0 2761 KGZ 0.0 0.1 0.1 0.1 1006 JOR 0.0 0.2 -0.0 0.1 3622 KAZ 0.0 0.1 0.1 0.1 -0.0 2761 KWT 0.0 -0.6* 0.4+ 0.1 1034 LBN 0.0 0.0 0.0 -0.1 -0.1 1034 LBN 0.0 0.0 0.5+ 0.6* 0.6* 0.6* 996 LVA 0.0 0.5+ 0.6* 0.6* 0.6* 996 LVA 0.0 0.0 -0.2 -0.2 -0.4* 1190 MAR 0.0 0.3* 0.9* 0.7* 3300 MEX 0.0 0.3* 0.9* 0.7* 3300 MEX 0.0 0.1 0.0 -0.1 0.0 -0.0 9329 MKD 0.0 0.1 0.0 -0.1 0.0 -0.0 9329 MKD 0.0 0.1 0.0 -0.1 0.0 -0.0 9329 MKD 0.0 0.1 0.0 -0.1 0.0 -0.1 2919 NGA 0.0 0.1 0.0 -0.1 0.0 -0.1 2919 NGA 0.0 0.1 0.0 -0.1 0.0 -0.1 2919 NGA 0.0 0.1 0.0 -0.1 0.5* 7807 NZL 0.0 0.1 0.0 -0.1 0.5* 7807 NZL 0.0 0.1 0.0 -0.1 0.5* 3600 PPL 0.1 1770 PAK 0.0 0.6* 0.4+ 0.1 10.0 -0.1 3919 NGA 0.0 0.3+ 0.6* 0.5* 2602 PHL 0.0 0.3+ 0.6* 0.5* 2602 PHL 0.0 0.0 0.1 0.4* 3677 PER 0.0 0.3+ 0.0* 0.1 0.4* 3677 PER 0.0 0.3+ 0.6* 0.5* 2602 PHL 0.0 0.0 0.1 0.2* 0.0 3093 ROU 0.0 0.1 0.4* 0.4* 5618 RUS 0.0 0.2* 0.1 0.4* 0.2* 4654 SVN 0.0 0.2* 0.1 0.0* 0.0* 5586 UZB 0.0 0.2* 0.1* 0.0* 0.1* 0.0* 0.0* 5586 UZB 0.0 0.2* 0.1* 0.0* 0.0* 5586 UZB 0.0 0.0* 5714 USA 0.0 0.0* 5714 U						
HUN         0.0         0.0         0.2*         0.4*         0.3*         6092           IND         0.0         0.6*         0.1+         0.3*         6092           IND         0.0         0.6*         0.1+         0.5*         11971           IRN         0.0         0.2         -0.3*         0.0         3973           IRQ         0.0         0.1         -0.1         0.2+         2631           ITA         0.0         -0.0         -0.1         0.1         1066           JOR         0.0         0.2*         -0.0         0.1         3622           KAZ         0.0         0.1         0.1         -0.0         2761           KGZ         0.0         -0.2         0.2         -0.7*         3731           KWT         0.0         -0.6*         0.4+         0.1         1034           LBN         0.0         0.0         -0.1         -0.1         1034           LBN         0.0         0.5+         0.6*         0.6*         996           LVA         0.0         0.5+         0.6*         0.6*         996           LVA         0.0         0.2+         0.7*						
IDN						
IND						
IRN						
IRQ						
ITA						
JOR KAZ  0.0  0.1  0.1  0.1  0.0  2761  KGZ  0.0  0.0  0.2*  0.2  0.7*  3731  KWT  0.0  0.0  0.0  0.0  0.1  1034  LBN  0.0  0.0  0.0  0.1  0.1  0.1  1909  MAR  0.0  0.2+  0.7*  0.2  2442  MDA  0.0  0.3*  0.9*  0.7*  3000  MEX  0.0  0.1  0.0						
KGZ         0.0         -0.2         0.2         -0.7*         3731           KWT         0.0         -0.6*         0.4+         0.1         1034           LBN         0.0         0.0         -0.1         -0.1         2159           LTU         0.0         0.5+         0.6*         0.6*         996           LVA         0.0         -0.0         -0.2         -0.4*         1190           MAR         0.0         0.2+         0.7*         0.2         2442           MDA         0.0         0.2+         0.7*         3000           MEX         0.0         0.1         0.0         -0.0         9329           MKD         0.0         0.1         0.0         -0.0         9329           MKD         0.0         0.1         0.0         -0.1         2919           NGA         0.0         0.1         0.0         -0.1         2919           NGA         0.0         0.1         0.5*         7807           NZL         0.0         0.6*         0.1         0.4*         3677           PER         0.0         0.6*         0.4         0.5*         2602		0.0	0.2*	-0.0	0.1	3622
KWT         0.0         -0.6*         0.4+         0.1         1034           LBN         0.0         0.0         -0.1         -0.1         2159           LTU         0.0         0.5+         0.6*         0.6*         996           LVA         0.0         -0.0         -0.2         -0.4*         1190           MAR         0.0         0.2+         0.7*         0.2         2442           MDA         0.0         0.2+         0.7*         3000           MEX         0.0         0.1         0.0         -0.0         9329           MKD         0.0         0.1         0.0         0.1         0.0         0.1         1.0         2031           MYS         0.0         0.1 <td< td=""><td>KAZ</td><td>0.0</td><td>0.1</td><td>0.1</td><td></td><td>2761</td></td<>	KAZ	0.0	0.1	0.1		2761
LBN						
LTU 0.0 0.5+ 0.6* 0.6* 996  LVA 0.0 -0.0 -0.0 -0.2 -0.4* 1190  MAR 0.0 0.2+ 0.7* 0.2 2442  MDA 0.0 0.3* 0.9* 0.7* 3000  MEX 0.0 0.1 0.0 -0.0 9329  MKD 0.0 -0.1 0.2 0.4* 2031  MYS 0.0 0.1 0.0 -0.1 2919  NGA 0.0 -0.0 0.1 -0.2* 0.1 1770  PAK 0.0 0.6* 0.1 -0.2+ 0.1 1770  PAK 0.0 0.6* 0.1 0.4* 3677  PER 0.0 0.3+ 0.6* 0.5* 2602  PHL 0.0 0.6* 0.4+ 0.7* 3600  POL 0.0 0.1 0.2* 0.0 3093  ROU 0.0 0.1 0.2* 0.0 3093  ROU 0.0 0.1 0.4* 8187  RWA 0.0 0.2* 0.1 0.4* 8187  RWA 0.0 0.2* 0.1 0.4* 8187  RWA 0.0 0.2* 0.1 0.4* 0.2+ 4654  SVN 0.0 0.3* 0.4* 0.1 3065  SWE 0.0 0.2 0.3* 0.4* 0.1 3065  SWE 0.0 0.2 -0.1 -0.2 -0.1 1200  TUN 0.0 0.1 0.2 -0.1 -0.7* 4086  TJK 0.0 0.7* 0.9* 1.0* 2405  UKR 0.0 0.2+ 0.0 0.0 4169  UKR 0.0 0.2+ 0.0 0.0 127  UKR 0.0 0.2+ 0.0 0.0 127  UKR 0.0 0.2+ 0.0 0.0 0.0 4169  UKR 0.0 0.2+ 0.0 0.0 0.0 4169  UKY 0.0 0.1 -0.2 -0.2 -0.3* 5586  UZB 0.0 -0.2 -0.2 -0.2 -0.4* 1493  VEN 0.0 0.4* 0.5 0.0 3674  ZAF 0.0 0.9* 1.2* 1.1* 6448  ZWE 0.0 0.9 -0.2 -0.2 -0.2 -0.1						
LVA         0.0         -0.0         -0.2         -0.4*         1190           MAR         0.0         0.2+         0.7*         0.2         2442           MDA         0.0         0.3*         0.9*         0.7*         3000           MEX         0.0         0.1         0.0         -0.0         9329           MKD         0.0         -0.1         0.2         0.4*         2031           MYS         0.0         0.1         0.0         -0.1         2919           NGA         0.0         -0.0         0.1         0.5*         7807           NZL         0.0         -0.1         -0.2+         0.1         1770           PAK         0.0         -0.1         -0.2+         0.1         1770           PAK         0.0         0.6*         0.1         0.4*         3677           PER         0.0         0.6*         0.4+         0.7*         3600           PHL         0.0         0.6*         0.4+         0.7*         3600           POL         0.0         0.1         0.4*         0.4*         5618           RUS         0.0         0.2*         0.1         0.4*						
MAR         0.0         0.2+         0.7*         0.2         2442           MDA         0.0         0.3*         0.9*         0.7*         3000           MEX         0.0         0.1         0.0         -0.0         9329           MKD         0.0         0.1         0.2         0.4*         2031           MYS         0.0         0.1         0.0         -0.1         2919           NGA         0.0         -0.0         0.1         0.5*         7807           NZL         0.0         -0.1         -0.2+         0.1         1770           PAK         0.0         0.6*         0.1         0.4*         3677           PER         0.0         0.6*         0.1         0.4*         3677           PER         0.0         0.3+         0.6*         0.5*         2602           PHL         0.0         0.6*         0.4+         0.7*         3600           POL         0.0         0.1         0.2*         0.0         3093           ROU         0.0         0.1         0.4*         0.4*         5618           RUS         0.0         0.2*         0.1         0.4*						
MDA         0.0         0.3*         0.9*         0.7*         3000           MEX         0.0         0.1         0.0         -0.0         9329           MKD         0.0         -0.1         0.2         0.4*         2031           MYS         0.0         0.1         0.0         -0.1         2919           NGA         0.0         -0.0         0.1         0.5*         7807           NZL         0.0         -0.1         -0.2+         0.1         1770           PAK         0.0         0.6*         0.1         0.4*         3677           PER         0.0         0.3+         0.6*         0.5*         2602           PHL         0.0         0.6*         0.4+         0.7*         3600           POL         0.0         0.1         0.2*         0.0         3093           ROU         0.0         0.1         0.4*         0.4*         5618           RUS         0.0         0.2*         0.1         0.4*         8187           RWA         0.0         0.2*         0.1         0.4*         8187           RWA         0.0         0.2*         0.1         0.4*						
MEX         0.0         0.1         0.0         -0.0         9329           MKD         0.0         -0.1         0.2         0.4*         2031           MYS         0.0         0.1         0.0         -0.1         2919           NGA         0.0         -0.0         0.1         0.5*         7807           NZL         0.0         -0.1         -0.2+         0.1         1770           PAK         0.0         0.6*         0.1         0.4*         3677           PER         0.0         0.3+         0.6*         0.5*         2602           PHL         0.0         0.6*         0.4+         0.7*         3600           POL         0.0         0.1         0.2*         0.0         3093           ROU         0.0         0.1         0.4*         0.4*         5618           RUS         0.0         0.2*         0.1         0.4*         8187           RWA         0.0         0.2*         0.1         0.4*         8187           RWA         0.0         0.2*         0.1         0.4*         8187           RWA         0.0         0.2*         0.1         0.4*						
MKD         0.0         -0.1         0.2         0.4*         2031           MYS         0.0         0.1         0.0         -0.1         2919           NGA         0.0         -0.0         0.1         0.5*         7807           NZL         0.0         -0.1         -0.2+         0.1         1770           PAK         0.0         0.6*         0.1         0.4*         3677           PER         0.0         0.3+         0.6*         0.5*         2602           PHL         0.0         0.6*         0.4+         0.7*         3600           POL         0.0         0.1         0.2*         0.0         3093           ROU         0.0         0.1         0.4*         0.4*         5618           RUS         0.0         0.2*         0.1         0.4*         8187           RWA         0.0         0.2*         0.1         0.4*						
MYS         0.0         0.1         0.0         -0.1         2919           NGA         0.0         -0.0         0.1         0.5*         7807           NZL         0.0         -0.1         -0.2+         0.1         1770           PAK         0.0         0.6*         0.1         0.4*         3677           PER         0.0         0.3+         0.6*         0.5*         2602           PHL         0.0         0.6*         0.4+         0.7*         3600           POL         0.0         0.1         0.2*         0.0         3093           ROU         0.0         0.1         0.4*         0.4*         5618           RUS         0.0         0.2*         0.1         0.4*         5618           RUS         0.0         0.2*         0.1         0.4*         8187           RWA         0.0         0.2*         0.3*         0.2+						
NGA         0.0         -0.0         0.1         0.5*         7807           NZL         0.0         -0.1         -0.2+         0.1         1770           PAK         0.0         0.6*         0.1         0.4*         3677           PER         0.0         0.3+         0.6*         0.5*         2602           PHL         0.0         0.6*         0.4+         0.7*         3600           POL         0.0         0.1         0.2*         0.0         3093           ROU         0.0         0.1         0.4*         0.4*         5618           RUS         0.0         0.2*         0.1         0.4*         5618           RUS         0.0         0.2*         0.1         0.4*         5618           RUS         0.0         0.2*         0.1         0.4*         8187           RWA         0.0         -0.0         -0.2         -0.3         3030           SRB         0.0         0.2*         0.4*         0.2+         4654           SVN         0.0         0.3*         0.4*         0.1         3065           SWE         0.0         0.2         0.3*         0.2						
NZL         0.0         -0.1         -0.2+         0.1         1770           PAK         0.0         0.6*         0.1         0.4*         3677           PER         0.0         0.3+         0.6*         0.5*         2602           PHL         0.0         0.6*         0.4+         0.7*         3600           POL         0.0         0.1         0.2*         0.0         3093           ROU         0.0         0.1         0.4*         0.4*         5618           RUS         0.0         0.2*         0.1         0.4*         8187           RWA         0.0         -0.0         -0.2         -0.3         3030           SRB         0.0         0.2*         0.4*         0.2+         4654           SVN         0.0         0.3*         0.4*         0.1         3065           SWE         0.0         0.2         0.3*         0.2         2882           THA         0.0         0.2         -0.1         -0.7*         4086           TJK         0.0         -0.1         -0.2         -0.1         1200           TUR         0.0         0.7*         0.9*         1.0* <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
PAK         0.0         0.6*         0.1         0.4*         3677           PER         0.0         0.3+         0.6*         0.5*         2602           PHL         0.0         0.6*         0.4+         0.7*         3600           POL         0.0         0.1         0.2*         0.0         3093           ROU         0.0         0.1         0.4*         5618           RUS         0.0         0.2*         0.1         0.4*         5618           RWA         0.0         -0.0         -0.2         -0.3         3030           SRB         0.0         0.2*         0.4*         0.2+         4654           SVN         0.0         0.3*         0.4*         0.2+         4654           SVN         0.0         0.3*         0.4*         0.1         3065           SWE         0.0         0.2         0.3*         0.2         2882           THA         0.0         0.2         -0.1         -0.7*         4086           TJK         0.0         -0.1         -0.2         -0.1         1200           TUN         0.0         0.1         0.0         -0.8*         2405						1770
PER 0.0 0.3+ 0.6* 0.5* 2602 PHL 0.0 0.6* 0.4+ 0.7* 3600 POL 0.0 0.1 0.2* 0.0 3093 ROU 0.0 0.1 0.4* 0.4* 5618 RUS 0.0 0.2* 0.1 0.4* 8187 RWA 0.0 -0.0 -0.0 -0.2 -0.3 3030 SRB 0.0 0.2* 0.4* 0.2+ 4654 SVN 0.0 0.3* 0.4* 0.1 3065 SWE 0.0 0.2 0.3* 0.2 2882 THA 0.0 0.2 -0.1 -0.7* 4086 TJK 0.0 -0.1 -0.2 -0.1 1200 TUN 0.0 0.1 0.0 -0.1 -0.2 -0.1 1200 TUN 0.0 0.1 0.0 -0.1 -0.2 -0.1 1200 URY 0.0 0.7* 0.9* 1.0* 2405 UKR 0.0 0.7* 0.9* 1.0* 2405 UKR 0.0 -0.0 -0.0 -0.2* -0.3* 5586 UZB 0.0 -0.2 -0.2 -0.2 -0.1 1293 VEN 0.0 -0.2 -0.2 -0.2 0.1 2385 VNM 0.0 -0.2 -0.2 -0.2 0.1 2385 VNM 0.0 0.9* 1.2* 1.1* 6448 ZWE 0.0 0.9 -0.9 1.2* 1.1* 6448 ZWE 0.0 0.2 0.2 0.2 2714						
PHL         0.0         0.6*         0.4+         0.7*         3600           POL         0.0         0.1         0.2*         0.0         3093           ROU         0.0         0.1         0.4*         0.4*         5618           RUS         0.0         0.2*         0.1         0.4*         8187           RWA         0.0         -0.0         -0.2         -0.3         3030           SRB         0.0         0.2*         0.4*         0.2+         4654           SVN         0.0         0.3*         0.4*         0.1         3065           SWE         0.0         0.2         0.3*         0.2         2882           THA         0.0         0.2         -0.1         -0.7*         4086           TJK         0.0         -0.1         -0.2         -0.1         1200           TUN         0.0         0.1         0.0         -0.8*         2405           TUR         0.0         0.7*         0.9*         1.0*         2405           UKR         0.0         0.2+         0.0         0.0         4169           URY         0.0         0.1         -0.0         0.1						
POL         0.0         0.1         0.2*         0.0         3093           ROU         0.0         0.1         0.4*         0.4*         5618           RUS         0.0         0.2*         0.1         0.4*         8187           RWA         0.0         -0.0         -0.2         -0.3         3030           SRB         0.0         0.2*         0.4*         0.2+         4654           SVN         0.0         0.3*         0.4*         0.1         3065           SWE         0.0         0.2         0.3*         0.2         2882           THA         0.0         0.2         -0.1         -0.7*         4086           TJK         0.0         -0.1         -0.2         -0.1         1200           TUN         0.0         0.1         0.0         -0.8*         2405           TUR         0.0         0.7*         0.9*         1.0*         2405           UKR         0.0         0.2+         0.0         0.0         4169           URY         0.0         0.1         -0.0         0.1         2717           USA         0.0         -0.0         -0.2+         -0.3*						
ROU       0.0       0.1       0.4*       0.4*       5618         RUS       0.0       0.2*       0.1       0.4*       8187         RWA       0.0       -0.0       -0.2       -0.3       3030         SRB       0.0       0.2*       0.4*       0.2+       4654         SVN       0.0       0.3*       0.4*       0.1       3065         SWE       0.0       0.2       0.3*       0.2       2882         THA       0.0       0.2       -0.1       -0.7*       4086         TJK       0.0       -0.1       -0.2       -0.1       1200         TUN       0.0       0.1       -0.2       -0.1       1200         TUR       0.0       0.1       0.0       -0.8*       2405         UKR       0.0       0.2+       0.0       0.0       4169         URY       0.0       0.1       -0.0       0.1       2717         USA       0.0       -0.0       -0.2*       -0.3*       5586         UZB       0.0       -0.0       -0.2+       -0.2       0.1       2385         VNM       0.0       0.4*       0.5       0.0						
RUS       0.0       0.2*       0.1       0.4*       8187         RWA       0.0       -0.0       -0.2       -0.3       3030         SRB       0.0       0.2*       0.4*       0.2+       4654         SVN       0.0       0.3*       0.4*       0.1       3065         SWE       0.0       0.2       0.3*       0.2       2882         THA       0.0       0.2       -0.1       -0.7*       4086         TJK       0.0       -0.1       -0.2       -0.1       1200         TUN       0.0       0.1       -0.2       -0.1       1200         TUR       0.0       0.7*       0.9*       1.0*       2405         UKR       0.0       0.2+       0.0       0.0       4169         URY       0.0       0.1       -0.0       0.1       2717         USA       0.0       -0.0       -0.2*       -0.3*       5586         UZB       0.0       -0.0       -0.2+       -0.2       0.1       2385         VNM       0.0       0.4*       0.5       0.0       3674         ZAF       0.0       0.9*       1.2*       1.1* <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
RWA 0.0 -0.0 -0.2 -0.3 3030 SRB 0.0 0.2* 0.4* 0.2+ 4654 SVN 0.0 0.3* 0.4* 0.1 3065 SWE 0.0 0.2 -0.1 -0.7* 4086 TJK 0.0 -0.1 -0.2 -0.1 1200 TUN 0.0 0.1 0.0 -0.1 -0.2 -0.1 1200 TUR 0.0 0.7* 0.9* 1.0* 2405 UKR 0.0 0.2+ 0.0 0.0 0.1 -0.0 0.0 4169 URY 0.0 0.1 -0.0 0.1 2717 USA 0.0 -0.1 -0.0 0.1 2717 USA 0.0 -0.0 -0.2 -0.2* -0.3* 5586 UZB 0.0 -0.2 -0.2 -0.2+ -0.4* 1493 VEN 0.0 0.4* 0.5 0.0 3674 ZAF 0.0 0.9* 1.2* 1.1* 6448 ZWE 0.0 0.2 -0.2 0.2 0.2 2714						
SRB       0.0       0.2*       0.4*       0.2+       4654         SVN       0.0       0.3*       0.4*       0.1       3065         SWE       0.0       0.2       0.3*       0.2       2882         THA       0.0       0.2       -0.1       -0.7*       4086         TJK       0.0       -0.1       -0.2       -0.1       1200         TUN       0.0       0.1       0.0       -0.8*       2405         TUR       0.0       0.7*       0.9*       1.0*       2405         UKR       0.0       0.2+       0.0       0.0       4169         URY       0.0       0.1       -0.0       0.1       2717         USA       0.0       -0.0       -0.2*       -0.3*       5586         UZB       0.0       -0.2       -0.2+       -0.4*       1493         VEN       0.0       -0.2       -0.2       -0.1       2385         VNM       0.0       0.9*       1.2*       1.1*       6448         ZWE       0.0       0.2       0.2       0.2       2714						
SVN         0.0         0.3*         0.4*         0.1         3065           SWE         0.0         0.2         0.3*         0.2         2882           THA         0.0         0.2         -0.1         -0.7*         4086           TJK         0.0         -0.1         -0.2         -0.1         1200           TUN         0.0         0.1         0.0         -0.8*         2405           TUR         0.0         0.7*         0.9*         1.0*         2405           UKR         0.0         0.2+         0.0         0.0         4169           URY         0.0         0.1         -0.0         0.1         2717           USA         0.0         -0.0         -0.2*         -0.3*         5586           UZB         0.0         -0.2         -0.2+         -0.4*         1493           VEN         0.0         -0.2         -0.2         0.1         2385           VNM         0.0         0.9*         1.2*         1.1*         6448           ZWE         0.0         0.2         0.2         0.2         2714						
SWE       0.0       0.2       0.3*       0.2       2882         THA       0.0       0.2       -0.1       -0.7*       4086         TJK       0.0       -0.1       -0.2       -0.1       1200         TUN       0.0       0.1       0.0       -0.8*       2405         TUR       0.0       0.7*       0.9*       1.0*       2405         UKR       0.0       0.2+       0.0       0.0       4169         URY       0.0       0.1       -0.0       0.1       2717         USA       0.0       -0.0       -0.2*       -0.3*       5586         UZB       0.0       -0.2       -0.2+       -0.4*       1493         VEN       0.0       -0.2       -0.2+       -0.4*       1493         VNM       0.0       0.4*       0.5       0.0       3674         ZAF       0.0       0.9*       1.2*       1.1*       6448         ZWE       0.0       0.2       0.2       0.2       2714						
THA         0.0         0.2         -0.1         -0.7*         4086           TJK         0.0         -0.1         -0.2         -0.1         1200           TUN         0.0         0.1         0.0         -0.8*         2405           TUR         0.0         0.7*         0.9*         1.0*         2405           UKR         0.0         0.2+         0.0         0.0         4169           URY         0.0         0.1         -0.0         0.1         2717           USA         0.0         -0.0         -0.2*         -0.3*         5586           UZB         0.0         -0.2         -0.2+         -0.4*         1493           VEN         0.0         -0.2         -0.2         0.1         2385           VNM         0.0         0.4*         0.5         0.0         3674           ZAF         0.0         0.9*         1.2*         1.1*         6448           ZWE         0.0         0.2         0.2         0.2         2714						
TJK         0.0         -0.1         -0.2         -0.1         1200           TUN         0.0         0.1         0.0         -0.8*         2405           TUR         0.0         0.7*         0.9*         1.0*         2405           UKR         0.0         0.2+         0.0         0.0         4169           URY         0.0         0.1         -0.0         0.1         2717           USA         0.0         -0.0         -0.2*         -0.3*         5586           UZB         0.0         -0.2         -0.2+         -0.4*         1493           VEN         0.0         -0.2         -0.2         0.1         2385           VNM         0.0         0.4*         0.5         0.0         3674           ZAF         0.0         0.9*         1.2*         1.1*         6448           ZWE         0.0         0.2         0.2         0.2         2714						
TUN         0.0         0.1         0.0         -0.8*         2405           TUR         0.0         0.7*         0.9*         1.0*         2405           UKR         0.0         0.2+         0.0         0.0         4169           URY         0.0         0.1         -0.0         0.1         2717           USA         0.0         -0.0         -0.2*         -0.3*         5586           UZB         0.0         -0.2         -0.2+         -0.4*         1493           VEN         0.0         -0.2         -0.2         0.1         2385           VNM         0.0         0.4*         0.5         0.0         3674           ZAF         0.0         0.9*         1.2*         1.1*         6448           ZWE         0.0         0.2         0.2         0.2         2714					-0.1	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			0.1		-0.8*	
UKR     0.0     0.2+     0.0     0.0     4169       URY     0.0     0.1     -0.0     0.1     2717       USA     0.0     -0.0     -0.2*     -0.3*     5586       UZB     0.0     -0.2     -0.2+     -0.4*     1493       VEN     0.0     -0.2     -0.2     0.1     2385       VNM     0.0     0.4*     0.5     0.0     3674       ZAF     0.0     0.9*     1.2*     1.1*     6448       ZWE     0.0     0.2     0.2     0.2     2714				0.9*		
URY     0.0     0.1     -0.0     0.1     2717       USA     0.0     -0.0     -0.2*     -0.3*     5586       UZB     0.0     -0.2     -0.2+     -0.4*     1493       VEN     0.0     -0.2     -0.2     0.1     2385       VNM     0.0     0.4*     0.5     0.0     3674       ZAF     0.0     0.9*     1.2*     1.1*     6448       ZWE     0.0     0.2     0.2     0.2     2714	UKR	0.0		0.0	0.0	
UZB     0.0     -0.2     -0.2+     -0.4*     1493       VEN     0.0     -0.2     -0.2     0.1     2385       VNM     0.0     0.4*     0.5     0.0     3674       ZAF     0.0     0.9*     1.2*     1.1*     6448       ZWE     0.0     0.2     0.2     0.2     2714		0.0		-0.0	0.1	
VEN     0.0     -0.2     -0.2     0.1     2385       VNM     0.0     0.4*     0.5     0.0     3674       ZAF     0.0     0.9*     1.2*     1.1*     6448       ZWE     0.0     0.2     0.2     0.2     2714						
VNM 0.0 0.4* 0.5 0.0 3674 ZAF 0.0 0.9* 1.2* 1.1* 6448 ZWE 0.0 0.2 0.2 0.2 2714						
ZAF 0.0 0.9* 1.2* 1.1* 6448 ZWE 0.0 0.2 0.2 0.2 2714						
ZWE 0.0 0.2 0.2 0.2 2714						
		U.U	0.2	0.2	0.2	2/14

Table 5: exT4-1

ALB  ARG  0.0  0.1  -0.1  -0.1  4010  AUS  0.0  0.1  -0.1  -0.1  4010  AUS  0.0  -0.1  -0.1  -0.1  4010  AUS  0.0  -0.1  -0.1  -0.1  4010  AUS  0.0  -0.1  -0.1  -0.1  -0.1  4010  AUS  0.0  -0.1  -0.0  -0.1  -0.1  -0.0  -0.1  -0.0  -0.1  -0.1  -0.0  -0.1  -0.1  -0.0  -0.1  -0.1  -0.1  -0.5  -0.3  -0.1  -0.1  -0.1  -0.5  -0.3  -0.1  -0.1  -0.1  -0.5  -0.3  -0.1  -0.1  -0.1  -0.5  -0.1  -0.1  -0.5  -0.1  -0.1  -0.1  -0.5  -0.1  -0.1  -0.1  -0.5  -0.1  -0.1  -0.1  -0.5  -0.1  -0.1  -0.1  -0.2  -0.2  -0.4  -0.3  -0.0  -0.1  -0.0  -0.		-5	5-500k	500k-	N
ARG  AUS  0.0  -0.1  -0.1  -0.1  6466  AZE  0.0  -0.4*  0.3  1002  BFA  0.0  -0.1+  1.5*  4106  BGR  0.0  0.1+  1.5*  4106  BGR  0.0  0.1-  1.1  2058  BBLR  0.0  0.1  0.1  0.1  0.0*  462  CAN  0.0  0.1  0.1  0.1  0.5*  5720  CHL  0.0  0.1  0.1  0.1  6657  CHN  0.0  0.5*  0.3*  9407  CCOL  0.0  0.1  0.1  0.1  6625  DEU  0.0  0.0  0.0  0.0  0.0  0.0  0.0  0	ALB				
AZE BFA 0.0 0.0 0.1 1-1.0 0.0 1421 BGD 0.0 0.1 1-1.5* 4106 BGR 0.0 0.0 0.1+ 1.5* 4106 BGR 0.0 0.0 0.1+ 1.5* 4106 BGR 0.0 0.0 0.1- 0.5* 3603 BOL 0.0 0.0 0.1 0.1 0.1 0.05* 5720 CAN 0.0 0.0 0.1* 0.1* 0.05* 5720 CHL 0.0 0.0 0.1 0.1 0.1 6657 CHN 0.0 0.0 0.1 0.1 0.1 6657 CHN 0.0 0.0 0.1 0.1 0.1 6657 CHN 0.0 0.0 0.1 0.1 0.1 6625 CBC COL 0.0 0.1 0.1 0.1 0.0 0.2 0.4 2433 ECU 0.0 0.0 0.1 0.0 0.2 0.4 2433 ECU 0.0 0.0 0.1 0.0 0.2 0.4 2433 ECU 0.0 0.0 0.1 0.0 0.2 0.4 2433 ECU ESP 0.0 0.0 0.1 0.0 0.2 0.3 2719 EFH 0.0 0.0 0.2 0.3 2719 EFRA 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	ARG				
BFA  0.0  0.0  0.1+  1.5*  4106  BGR  0.0  0.0  0.7*  0.9*  2014  BLR  0.0  0.0  0.4*  0.5*  3603  BOL  0.0  0.0  0.1-  1.0.1  2058  BRA  0.0  0.1  0.0  1.1  0.0  7462  CAN  0.0  0.1  -0.1  -0.1  6657  CHL  0.0  0.0  0.1  0.1  6657  CHN  0.0  0.0  0.1  0.1  6657  CHN  0.0  0.0  0.1  0.1  6657  CHN  0.0  0.0  0.1  0.1  6025  DZA  0.0  0.0  0.1  0.1  0.0  ECU  0.0  0.0  0.1  0.1  0.0  ECY  0.0  0.0  0.1  0.1  0.0  EGY  0.0  0.0  0.1  0.1  0.0  ESP  0.0  0.0  0.1  0.1  0.0  ESP  0.0  0.0  0.1  0.1  0.0  ESP  0.0  0.0  0.1  0.0  0.0  0.0  0.0  0.			-0.1		
BGD         0.0         0.1+         1.5*         4 106           BCR         0.0         0.7*         0.9*         2014           BLR         0.0         0.4*         0.5*         3603           BOL         0.0         -0.1         0.1         2058           BOL         0.0         0.1         -0.0         7462           CAN         0.0         0.1         -0.5*         5720           CHL         0.0         -0.1         -0.1         6657           CHN         0.0         0.1         0.1         6657           CHN         0.0         0.1         0.1         6657           CHN         0.0         0.1         0.1         6657           CHN         0.0         0.0         -0.0         -0.0         7625           CHN         0.0         0.0         0.0         0.0         0.0         20           DZA         0.0         0.0         0.0         0.0         2433         9473           ECU         0.0         0.0         0.0         0.0         3232739         898           ETH         0.0         0.0         0.0         3232739					
BGR 0.0 0.7* 0.9* 3603 BBLR 0.0 0.0 0.4* 0.5* 3603 BBA 0.0 0.0 0.1 0.0 0.7* 0.9* 3603 BBA 0.0 0.0 0.1 0.0 0.7* 0.0 0.7* 2058 BRA 0.0 0.0 0.1 0.0 0.7* 0.0 0.7* 2058 BRA 0.0 0.0 0.1 0.0 0.7* 0.0 0.7* 2058 BRA 0.0 0.0 0.1 0.1 0.1 0.0 0.7* 2058 BRA 0.0 0.0 0.1 0.1 0.1 0.0 0.5* 5720 CHL 0.0 0.0 0.1 0.1 0.1 6657 COL 0.0 0.0 0.1 0.1 0.1 6625 DEU 0.0 0.0 0.0 0.2 0.4 2433 ECU 0.0 0.0 0.2 0.4 2433 ECU 0.0 EGY 0.0 0.0 0.1 0.1 0.0 EGY 0.0 0.0 0.1 0.1 0.0 ESP 0.0 0.0 0.1 0.1 0.2 ESP 0.0 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0					
BLR BOL 0.0 0.4* 0.5* 3603 BRA 0.0 0.1 1.0.1 2.058 BRA 0.0 0.1 1.0.1 2.058 BRA 0.0 0.1 1.0.1 1.0.1 2.058 BRA 0.0 0.0 0.1 1.0.0 1.0.0 1.0.7 2.0.7 2.0.1					
BOL			0.7*		
BRA  O.0  O.1  O.1  O.1  O.1  O.1  O.1  O.1					
CAN CHL 0.0 CHL 0.0 CHL 0.0 CHN 0.0 COL 0.0 COL 0.0 COL 0.0 0.1 COL 0.0 COL 0.0 0.1 COL 0.0 COL 0.0 COL 0.0 0.1 COL 0.0 COL 0.					
CHL					
CHN COL DEU 0.0 0.1 0.1 0.1 0.1 0.2 DEU 0.0 0.0 0.1 0.1 0.1 0.2 DEU 0.0 0.0 0.2 0.4 2433 ECU 0.0 0.0 0.2 0.4 0.0 EGY 0.0 0.0 0.0 EGY 0.0 0.0 0.1 0.0 ESP 0.0 0.0 0.1 0.0 ESP 0.0 0.0 0.0 0.0 0.0 0.0 EGO GEO 0.0 0.0 0.0 0.0 0.0 GEO 0.0 0.0 0.0 GEO 0.0 0.0 0.0 GEO 0.0 0.0 GEO 0.0 0.0 0.0 GEO 0.0 0.0 GEO 0.0 0.0 0.0 GEO GEO 0.0 0.0 0.0 GEO GEO GEO 0.0 0.0 0.0 0.0 GEO GEO GEO 0.0 0.0 0.0 0.0 GEO GEO 0.0 0.0 0.0 0.0 0.0 GEO GEO GEO GEO 0.0 0.0 0.0 0.0 0.0 GEO GEO GEO GEO 0.0 0.0 0.0 0.0 0.0 GEO GEO GEO 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.					
COL         0.0         0.1         0.1         6025           DZA         0.0         0.2         0.4         2433           ECU         0.0         -0.1         0.0         2400           EGY         0.0         -0.1         -0.2*         3898           ETH         0.0         0.2         0.3         2719           FRA         0.0         0.0         0.0         1000           GEO         0.0         0.3*         0.5*         2676           GHA         0.0         0.7*         0.5*         3080           GRC         0.0         0.2*         -0.4*         1200           GTM         0.0         0.6*         0.3*         202           HRV         0.0         0.0         0.3+         1152           HUN         0.0         0.0         0.3+         1152           HUN         0.0         0.0         0.3+         1152           HUN         0.0         0.0         0.3*         6092           IND         0.0         0.0         0.3*         6092           IND         0.0         0.2*         0.3*         6092           IND<					
DZA         0.0         0.2         0.4         2433           ECY         0.0         -0.1         0.0         2400           EGY         0.0         -0.1         0.0*         2400           ESP         0.0         -0.1         -0.2*         3898           ETH         0.0         0.0         0.0         1000           GEO         0.0         0.2         0.5*         2676           GHA         0.0         0.0         0.5*         3080           GRC         0.0         0.2         -0.4*         1200           GTM         0.0         0.6*         0.3*         2202           HRV         0.0         0.0         0.3+         1152           HUN         0.0         0.0         0.3*         192           IND         0.0         0.2*         0.3*         6092           IND         0.0         0.2*         0.4*         11971           IRN         0.0         0.2*         0.4*         11971           IRN         0.0         0.0         0.2+         2631           ITA         0.0         0.0         0.2+         2631	COL				
ECU 0.0 -0.1 0.0 2400 EGY 0.0 -0.6* -1.0* 6120 ESP 0.0 -0.1 -0.2* 3898 ETH 0.0 0.2 0.3 2719 FRA 0.0 0.0 0.0 1000 GEO 0.0 0.3* 0.5* 2676 GHA 0.0 0.7* 0.5* 3080 GRC 0.0 0.2 -0.4* 1200 GTM 0.0 0.6* 0.3* 2202 HRV 0.0 0.0 0.3+ 1152 HUN 0.0 0.0 -0.0 1649 IDN 0.0 0.2* 0.3* 6092 IND 0.0 0.2* 0.4* 11971 IRN 0.0 -0.1 -0.0 3973 IRQ 0.0 0.0 0.2 -0.4* 11971 IRN 0.0 -0.1 -0.0 3973 ITA 0.0 -0.1 -0.0 3973 ITA 0.0 0.0 0.1 1006 KAZ 0.0 0.1 0.1 1006 KAZ 0.0 0.1 0.1 1006 KGZ 0.0 0.1 0.1 1006 KGZ 0.0 0.1 0.1 1006 KGZ 0.0 0.1 0.1 1034 LBN 0.0 -0.1 -0.0 2761 KGZ 0.0 -0.1 -0.0 2761 KWT 0.0 0.1 0.1 1034 LBN 0.0 -0.1 -0.2 2159 LTU 0.0 0.6* 0.7* 996 LVA 0.0 -0.0 -0.4* 1190 MAR 0.0 0.0 0.5* 0.8* 3000 MEX 0.0 0.0 0.0 0.9329 MKD 0.0 0.1 -0.1 -0.2 2159 LTU 0.0 0.6* 0.7* 996 LVA 0.0 -0.0 0.0 9329 MKD 0.0 0.1 -0.1 3932 MKD 0.0 0.0 0.0 0.0 38 2031 MYS 0.0 0.1 -0.1 3932 MKD 0.0 0.0 0.0 0.0 38 303 MEX 0.0 0.0 0.1 0.1 303 SPER 0.0 0.0 0.1 0.1 3093 ROU 0.0 0.2* 0.4* 3677 PER 0.0 0.5* 0.8* 3000 MEX 0.0 0.0 0.0 -0.7* 3897 NZL 0.0 -0.3* 0.0 1770 PAK 0.0 0.0 -0.2* 0.2* 7807 NZL 0.0 -0.3* 0.0 1770 PAK 0.0 0.0 -0.2* 0.1 3093 ROU 0.0 0.2* 0.1 3093 ROU 0.0 0.0 0.2* 0.1 3093 ROU 0.0 0.0 0.0 0.5* 8187 RWA 0.0 -0.6* 0.7* 3030 SRB 0.0 0.3* 0.5* 8187 RWA 0.0 -0.6* 0.7* 3030 SRB 0.0 0.3* 0.5* 8187 RWA 0.0 -0.6* 0.7* 3030 SRB 0.0 0.3* 0.5* 8187 RWA 0.0 -0.6* 0.7* 3030 SRB 0.0 0.3* 0.5* 8187 RWA 0.0 -0.6* 0.7* 3030 SRB 0.0 0.3* 0.5* 8187 RWA 0.0 -0.6* 0.7* 3030 SRB 0.0 0.3* 0.5* 8187 RWA 0.0 -0.6* 0.7* 3030 SRB 0.0 0.3* 0.5* 8187 RWA 0.0 -0.6* 0.7* 3030 SRB 0.0 0.0 0.1 0.1 2717 UNN 0.0 0.1 0.1 2717 USA 0.0 0.1 0.1 2717 USA 0.0 0.0 0.1 0.1 2717 USA 0.0 0.1 1.0 0.4 4199 UNY 0.0 0.1 1.0 0.4 4199 UNY 0.0 0.1 1.0 0.1 1.1* 6448 UNM 0.0 0.2* 0.3* 0.3+ 2714					
EGY ESP 0.0 -0.6* -1.0* 6120 ESP 0.0 -0.1 -0.2* 3898 ETH 0.0 0.2 0.3 2719 FRA 0.0 0.0 0.0 0.0 1000 GEO GEO 0.0 0.3* 0.5* 2676 GHA 0.0 0.0 0.7* 0.5* 3080 GRC 0.0 0.2 -0.4* 1200 GTM 0.0 0.6* 0.3* 2202 HRV 0.0 0.0 0.0 0.3+ 1152 HUN 0.0 -0.0 -0.0 -0.0 1649 IDN 0.0 0.2* 0.3* 6092 IND 0.0 0.2* 0.4* 11971 IRN 0.0 0.0 0.2* 0.4* 11971 IRN 0.0 0.0 0.2* 0.4* 11971 IRN 0.0 0.0 0.1 -0.0 3973 IRQ 0.0 0.1 0.1 3063 ITA 0.0 0.0 0.1 0.1 3062 KAZ 0.0 0.1 0.1 0.1 3622 KAZ 0.0 0.1 0.1 0.1 3622 KAZ 0.0 0.1 0.1 -0.0 2761 KWT 0.0 0.1 0.1 -0.0 2761 KWT 0.0 0.1 0.1 0.1 3622 KAZ 0.0 0.1 0.1 0.1 3024 LBN 0.0 -0.1 -0.7* 3731 KWT 0.0 0.1 0.1 1034 LBN 0.0 -0.1 0.1 1034 LBN 0.0 -0.1 -0.2 2159 LTU 0.0 0.6* 0.7* 996 LVA 0.0 0.0 0.4* 0.3 2442 MDA 0.0 0.0 0.5* 0.8* 3000 MEX 0.0 0.0 0.1 0.1 2919 NGA 0.0 0.1 0.1 2919 NGA 0.0 0.0 0.3* 0.3* 2031 MYS 0.0 0.1 0.1 3093 ROY PAK 0.0 0.0 0.1 0.1 3093 ROY PAK 0.0 0.0 0.1 0.1 3093 ROY POL 0.0 0.3* 0.5* 2662 PHL 0.0 0.3* 0.5* 3882 THA 0.0 0.0 0.1 -0.7* 3030 SRB 0.0 0.3* 0.5* 8187 RWA 0.0 0.0 0.2* 0.1 3093 ROU 0.0 0.3* 0.6* 3600 POL 0.0 0.3* 0.5* 8187 RWA 0.0 0.0 0.2* 0.1 3093 ROU 0.0 0.3* 0.5* 8187 RWA 0.0 0.0 0.2* 0.1 3093 ROU 0.0 0.3* 0.5* 8187 RWA 0.0 0.0 0.2* 0.1 3093 ROU 0.0 0.3* 0.5* 8187 RWA 0.0 0.0 0.2* 0.1 1200 TUN 0.0 0.1 -0.7* 4086 SWE 0.0 0.3* 0.5* 8187 RWA 0.0 0.0 0.4* 0.1 200 TUN 0.0 0.1 -0.7* 4086 TJK 0.0 0.1 -0.1 -0.7* 3030 SRB 0.0 0.0 0.1 -0.0 4169 UKR 0.0 0.0 0.1 -0.1 -0.7* 3030 SRB 0.0 0.0 0.3* 0.3* 3034					
ESP 0.0 -0.1 -0.2* 3898 ETH 0.0 0.2 0.3 2719 FRA 0.0 0.0 0.0 0.0 1000 GEO 0.0 0.0 0.0 0.0 0.0 1000 GEO 0.0 0.0 0.3* 0.5* 2676 GHA 0.0 0.0 0.7* 0.5* 3080 GRC 0.0 0.2 -0.4* 1200 GTM 0.0 0.6* 0.3* 2202 HRV 0.0 0.0 0.0 0.3+ 1152 HUN 0.0 0.0 0.3+ 1152 HUN 0.0 0.0 0.2* 0.4* 11971 IRN 0.0 0.0 0.2* 0.4* 11971 IRN 0.0 0.0 0.2* 0.4* 11971 IRN 0.0 0.0 0.0 0.2 0.0 0.3* 6092 IND 0.0 0.0 0.2 0.0 0.1 1006 JOR 0.1					
ETH 0.0 0.2 0.3 2719 FRA 0.0 0.0 0.0 0.0 1000 GEO 0.0 0.3* 0.5* 2676 GHA 0.0 0.7* 0.5* 3080 GRC 0.0 0.2 -0.4* 1200 GTM 0.0 0.6* 0.3* 2202 HRV 0.0 0.0 0.0 0.3+ 1152 HUN 0.0 0.0 0.0 0.3+ 1152 HUN 0.0 0.0 0.2* 0.4* 11971 IRN 0.0 0.2* 0.4* 11971 IRN 0.0 0.0 0.2* 0.4* 11971 IRN 0.0 0.0 0.1 -0.0 3973 IRQ 0.0 0.0 0.0 0.2 3973 IRQ 0.0 0.0 0.1 0.1 3622 KAZ 0.0 0.1 0.1 0.1 3622 KAZ 0.0 0.1 0.1 0.1 3622 KAZ 0.0 0.1 0.1 -0.0 2761 KGZ 0.0 0.1 0.1 0.3* 3731 KWT 0.0 0.1 0.1 0.1 1034 LBN 0.0 -0.1 -0.0 2761 LVA 0.0 0.0 0.1 0.1 1034 LBN 0.0 0.0 0.1 0.1 1906 WAR 0.0 0.4* 0.3 2442 MDA 0.0 0.4* 0.3 2442 MDA 0.0 0.5* 0.8* 3000 MEX 0.0 0.0 0.1 -0.1 2919 NGA 0.0 0.0 0.3* 2031 MYS 0.0 0.1 -0.1 2919 NGA 0.0 0.2* 0.2* 7807 NZL 0.0 0.3* 0.0 1770 PAK 0.0 0.2* 0.2* 7807 NZL 0.0 0.3* 0.6* 3600 POL 0.0 0.2* 0.4* 3677 PER 0.0 0.3* 0.6* 3600 POL 0.0 0.2* 0.1 3093 ROU 0.0 0.3* 0.6* 3600 POL 0.0 0.2* 0.1 3093 ROU 0.0 0.3* 0.5* 8187 RWA 0.0 0.0 0.2* 0.1 3093 ROU 0.0 0.3* 0.5* 8187 RWA 0.0 0.0 0.2* 0.1 3093 ROU 0.0 0.3* 0.5* 8187 RWA 0.0 0.0 0.2* 0.1 3093 ROU 0.0 0.3* 0.5* 8187 RWA 0.0 0.0 0.2* 0.1 3093 ROU 0.0 0.3* 0.5* 8187 RWA 0.0 0.0 0.2* 0.1 1000 POL 0.0 0.3* 0.5* 8187 RWA 0.0 0.0 0.4* 0.1 3005 POL 0.0 0.3* 0.5* 8187 RWA 0.0 0.0 0.0* 3.5* 0.5* 2602 PHL 0.0 0.0 0.3* 0.5* 8187 RWA 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.					
FRA  O.0  GEO  O.0  O.0  O.3*  O.5*  2676  GHA  O.0  O.0  O.7*  O.5*  3080  GRC  O.0  O.0  O.0  GTM  O.0  O.0  O.0  O.0  GTM  O.0  O.0  O.0  O.0  GTM  O.0  O.0  O.0  O.0  O.0  O.0  GTM  O.0  O.0  O.0  O.0  O.0  O.0  HRV  O.0  O.0  O.0  O.0  O.0  O.0  IO  ID  ID  ID  O.0  O.0  O.0  O.0  O.0  ID  ID  O.0  O.0  O.0  O.0  ID  ID  ID  ID  O.0  O.0  O.0  O.0  ID  ID  ID  ID  O.0  O.0  O.0  ID  ID  ID  ID  O.0  O.0  O.0  ID  ID  ID  ID  ID  ID  ID  ID  ID  I					
GEO GHA O.0 O.0 O.7* O.5* S080 GRC O.0 O.0 O.2 O.4** 1200 GTM O.0 O.0 O.6* O.3* D.2 HRV O.0 O.0 O.0 O.0 O.3* D.1 I152 HUN O.0 O.0 O.0 O.0 O.3* D.1 I152 HUN O.0 O.0 O.0 O.0 O.3* D.1 I152 IND O.0 O.0 O.0 O.2* O.4* O.4* I1971 IRN O.0 O.0 O.0 O.0 O.0 O.2* O.4* I1971 IRN O.0 O.0 O.0 O.0 O.0 O.0 O.0 I1 I7 I7 O.0 O.0 O.0 O.0 O.0 O.0 I1 I0					
GHA  GRC  O.0  O.0  O.2  O.4**  1200  GTM  O.0  O.0  O.6*  O.3*  2202  HRV  O.0  O.0  O.0  O.0  O.0  HUN  O.0  O.0  O.0  O.0  O.0  O.0  Ib49  IDD  O.0  O.0  O.0  IDD  O.0  O.0  IDD  O.0  O.0  IDD  O.0  O.0  O.0  IDD  O.0  O.0  IDD  O.0  O.0  IDD  O.0  O.0  O.0  IDD  O.0  O.0  IDD  O.0  O.0  O.0  IDD  IRD  O.0  O.0  O.0  O.0  O.0  IRQ  O.0  O.0  O.0  O.0  O.0  IDD  IRD  O.0  O.0  O.0  O.0  O.0  IDD  IRD  O.0  O.0  O.0  O.0  O.0  IDD  IRD  O.0  O.0  O.0  O.0  IDD  IRD  O.0  O.0  O.0  O.0  IDD  IDD  IDD  IDD  IDD  IDD  IDD  I					
GRC GTM 0.0 0.0 0.1 0.0 0.3+ 1152 HUN 0.0 0.0 0.0 0.3+ 1152 HUN 0.0 0.0 0.0 0.3+ 1152 HUN 0.0 0.0 0.0 0.2* 0.3* 6092 IND 0.0 0.0 0.2* 0.3* 6092 IND 0.0 0.0 0.2* 0.3* 6092 IND IND 0.0 0.0 0.2* 0.4* 11971 IRN 0.0 0.0 0.0 0.0 0.2+ 0.3973 IRQ 0.0 0.0 0.0 0.0 0.2+ 0.3973 IRQ 0.0 0.0 0.0 0.1 0.1 0.0 0.2+ 0.3 0.1 0.0 0.1 0.0 0.1 0.1 0.0 0.2 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.1					
GTM HRV 0.0 0.0 0.0 0.3+ 1152 HUN 0.0 0.0 0.0 0.3+ 1152 HUN 0.0 0.0 0.0 0.3+ 1152 HUN 0.0 0.0 0.0 0.2* 0.4* 11971 IRN 0.0 0.0 0.0 0.2* 0.4* 11971 IRN 0.0 0.0 0.0 0.0 0.2+ 0.3973 IRQ 0.0 0.0 0.0 0.0 0.1 1006 JOR 0.0 0.1 101 1034 LBN 0.0 0.1 101 1034 LBN 0.0 0.1 101 101 1034 LBN 0.0 0.1 0.1 101 1034 LBN 0.0 0.1 101 101 1034 LBN 0.0 0.0 0.1 101 101 1034 LBN 0.0 0.0 0.1 101 101 102 1190 MAR 0.0 0.0 0.0 0.0 0.3* 2031 MYS 0.0 0.0 0.0 0.3* 2031 MYS 0.0 0.0 0.0 0.3* 2031 MYS 0.0 0.0 0.1 101 101 101 101 101 101 101					
HRV	GTM			0.3*	
IDN	HRV				
IND					
IRN O.0 O.0 O.0 O.0 O.2+ O.0 IRQ O.0 O.0 O.0 O.2+ O.0 ITAA O.0 O.0 O.1 ITAA O.0 O.0 O.1 ITAA O.0 O.0 O.1 ITAA O.0 O.0 O.1 ITAB O.0 O.0 ITAB O.0					
IRQ					
ITA					
JOR					
KAZ       0.0       0.1       -0.0*       3731         KWT       0.0       0.1       0.1       1034         LBN       0.0       -0.1       -0.2       2159         LTU       0.0       0.6*       0.7*       996         LVA       0.0       -0.0       -0.4*       1190         MAR       0.0       0.4*       0.3       2442         MDA       0.0       0.5*       0.8*       3000         MEX       0.0       0.0       -0.0       9329         MKD       0.0       0.0       -0.0       9329         MKD       0.0       0.0       0.0       39329         MKD       0.0       0.0       0.0       9329         MKD       0.0       0.0       0.0       39329         MKD       0.0       0.0       0.0       3329         MKD       0.0       0.0       0.1       2031         MYS       0.0       0.1       22*       7807         NZL       0.0       0.2*       0.2*       7807         PER       0.0       0.5*       0.5*       2602         PHL       0.0       0.3					
KGZ         0.0         -0.1         -0.7*         3731           KWT         0.0         0.1         0.1         1034           LBN         0.0         -0.1         -0.2         2159           LTU         0.0         0.6*         0.7*         996           LVA         0.0         -0.0         -0.4*         1190           MAR         0.0         0.0         -0.4*         1190           MAR         0.0         0.0         -0.4*         1190           MAR         0.0         0.0         -0.0         9329           MKD         0.0         0.0         -0.0         9329           MKD         0.0         0.0         0.0         3229           MKD         0.0         0.0         0.3*         2031           MYS         0.0         0.1         -0.1         2919           NGA         0.0         -0.2*         0.2*         7807           NZL         0.0         -0.3*         0.0         1770           PAK         0.0         0.2*         0.4*         3677           PER         0.0         0.5*         0.5*         2602           <					
LBN					
LTU 0.0 0.6* 0.7* 996 LVA 0.0 -0.0 -0.4* 1190 MAR 0.0 0.4* 0.3 2442 MDA 0.0 0.5* 0.8* 3000 MEX 0.0 0.0 -0.0 -0.0 9329 MKD 0.0 0.0 0.0 0.3* 2031 MYS 0.0 0.1 -0.1 2919 NGA 0.0 -0.2* 0.2* 7807 NZL 0.0 -0.3* 0.0 1770 PAK 0.0 0.2* 0.4* 3677 PER 0.0 0.5* 0.5* 2602 PHL 0.0 0.3* 0.6* 3600 POL 0.0 0.2* 0.1 3093 ROU 0.0 0.3* 0.4* 5618 RUS 0.0 0.3* 0.4* 5618 RUS 0.0 0.3* 0.5* 8187 RWA 0.0 0.3* 0.5* 8187 RWA 0.0 0.3* 0.5* 8282 SRB 0.0 0.3* 0.2* 4654 SVN 0.0 0.4* 0.1 3065 SWE 0.0 0.4* 0.1 3065 THA 0.0 0.1 -0.7* 4086 TJK 0.0 -0.2 -0.1 1200 TUN 0.0 0.1 -0.7* 2405 TUR 0.0 0.1 -0.7* 2405 TUR 0.0 0.1 -0.7* 2405 TUR 0.0 0.1 -0.7* 2405 UKR 0.0 0.1 -0.7* 2405 UKR 0.0 0.1 -0.7* 2405 UKR 0.0 0.1 -0.7* 5586 UZB 0.0 -0.1 -0.3* 5586 UZB 0.0 -0.1 -0.3* 5586 UZB 0.0 -0.1 -0.3* 5586 UZB 0.0 -0.1 -0.4* 1493 VEN 0.0 0.2* -0.3+ 3674 ZAF 0.0 1.0* 1.1* 6448 ZWE 0.0 0.3* 0.3+ 2714	KWT		0.1	0.1	1034
LVA         0.0         -0.0         -0.4*         1190           MAR         0.0         0.4*         0.3         2442           MDA         0.0         0.5*         0.8*         3000           MEX         0.0         0.0         -0.0         9329           MKD         0.0         0.0         0.3*         2031           MYS         0.0         0.1         -0.1         2919           NGA         0.0         -0.2*         0.2*         7807           NZL         0.0         -0.3*         0.0         1770           PAK         0.0         0.2*         0.4*         3677           PER         0.0         0.5*         0.5*         2602           PHL         0.0         0.3*         0.6*         3600           POL         0.0         0.2*         0.1         3093           ROU         0.0         0.3*         0.6*         3600           POL         0.0         0.3*         0.5*         8187           RWA         0.0         0.3*         0.5*         8187           RWA         0.0         0.3*         0.5*         8187					
MAR         0.0         0.4*         0.3         2442           MDA         0.0         0.5*         0.8*         3000           MEX         0.0         0.0         -0.0         9329           MKD         0.0         0.0         0.3*         2031           MYS         0.0         0.1         -0.1         2919           NGA         0.0         0.2*         0.2*         7807           NZL         0.0         -0.3*         0.0         1770           PAK         0.0         0.2*         0.4*         3677           PER         0.0         0.5*         0.5*         2602           PHL         0.0         0.3*         0.6*         3600           POL         0.0         0.2*         0.1         3093           ROU         0.0         0.3*         0.5*         8187           RWA         0.0         0.3*         0.5*         8187           RWA         0.0         0.0*         0.0*         8187           RWA         0.0         0.0*         0.0*         0.0*           SWB         0.0         0.0*         0.0*         0.0*					
MDA         0.0         0.5*         0.8*         3000           MEX         0.0         0.0         -0.0         9329           MKD         0.0         0.0         0.3*         2031           MYS         0.0         0.1         -0.1         2919           NGA         0.0         -0.2*         0.2*         7807           NZL         0.0         -0.3*         0.0         1770           PAK         0.0         0.2*         0.4*         3677           PER         0.0         0.5*         0.5*         2602           PHL         0.0         0.3*         0.6*         3600           POL         0.0         0.2*         0.1         3093           ROU         0.0         0.3*         0.4*         5618           RUS         0.0         0.3*         0.5*         8187           RWA         0.0         0.3*         0.5*         8187           RWA         0.0         0.3*         0.2*         4654           SVN         0.0         0.3*         0.2*         4654           SVN         0.0         0.4*         0.1         3065					
MEX         0.0         0.0         -0.0         9329           MKD         0.0         0.0         0.3*         2031           MYS         0.0         0.1         -0.1         2919           NGA         0.0         -0.2*         0.2*         7807           NZL         0.0         -0.3*         0.0         1770           PAK         0.0         0.2*         0.4*         3677           PER         0.0         0.5*         0.5*         2602           PHL         0.0         0.3*         0.6*         3600           POL         0.0         0.2*         0.1         3093           ROU         0.0         0.3*         0.5*         8187           RWA         0.0         0.3*         0.5*         8187           RWA         0.0         0.3*         0.5*         8187           RWA         0.0         0.3*         0.2*         4654           SVN         0.0         0.4*         0.1         3065           SWE         0.0         0.4*         0.3*         2882           THA         0.0         0.1         -0.7*         4086					
MKD         0.0         0.0         0.3*         2031           MYS         0.0         0.1         -0.1         2919           NGA         0.0         -0.2*         0.2*         7807           NZL         0.0         -0.3*         0.0         1770           PAK         0.0         0.2*         0.4*         3677           PER         0.0         0.5*         0.5*         2602           PHL         0.0         0.3*         0.6*         3600           POL         0.0         0.2*         0.1         3093           ROU         0.0         0.3*         0.4*         5618           RUS         0.0         0.3*         0.4*         5618           RWA         0.0         0.3*         0.5*         8187           RWA         0.0         0.3*         0.2*         4654           SVN         0.0         0.3*         0.2*         4654           SVN         0.0         0.4*         0.3*         2882           THA         0.0         0.4*         0.3*         2882           THA         0.0         0.1         -0.7*         4086					
MYS         0.0         0.1         -0.1         2919           NGA         0.0         -0.2*         0.2*         7807           NZL         0.0         -0.3*         0.0         1770           PAK         0.0         0.2*         0.4*         3677           PER         0.0         0.5*         0.5*         2602           PHL         0.0         0.3*         0.6*         3600           POL         0.0         0.2*         0.1         3093           ROU         0.0         0.3*         0.4*         5618           RUS         0.0         0.3*         0.5*         8187           RWA         0.0         -0.6*         -0.7*         3030           SRB         0.0         0.3*         0.2*         4654           SVN         0.0         0.4*         0.1         3065           SWE         0.0         0.4*         0.3*         2882           THA         0.0         0.1         -0.7*         4086           TJK         0.0         -0.2         -0.1         1200           TUR         0.0         1.2*         1.4*         2405					
NGA					
NZL         0.0         -0.3*         0.0         1770           PAK         0.0         0.2*         0.4*         3677           PER         0.0         0.5*         0.5*         2602           PHL         0.0         0.3*         0.6*         3600           POL         0.0         0.2*         0.1         3093           ROU         0.0         0.3*         0.4*         5618           RUS         0.0         0.3*         0.5*         8187           RWA         0.0         -0.6*         -0.7*         3030           SRB         0.0         0.3*         0.2*         4654           SVN         0.0         0.4*         0.1         3065           SWE         0.0         0.4*         0.3*         2882           THA         0.0         0.1         -0.7*         4086           TJK         0.0         -0.2         -0.1         1200           TUN         0.0         0.1         -0.7*         2405           TUR         0.0         0.1         -0.7*         2405           UKR         0.0         0.1         0.0         4169					
PAK 0.0 0.2* 0.4* 3677 PER 0.0 0.5* 0.5* 2602 PHL 0.0 0.3* 0.6* 3600 POL 0.0 0.2* 0.1 3093 ROU 0.0 0.3* 0.5* 8187 RWA 0.0 -0.6* -0.7* 3030 SRB 0.0 0.3* 0.2* 4654 SVN 0.0 0.4* 0.1 3065 SWE 0.0 0.4* 0.1 3065 SWE 0.0 0.4* 0.1 3065 THA 0.0 0.1 -0.7* 4086 TJK 0.0 -0.2 -0.1 1200 TUN 0.0 0.1 -0.7* 2405 TUR 0.0 1.2* 1.4* 2405 UKR 0.0 0.1 0.1 0.0 4169 URY 0.0 0.1 0.1 0.1 2717 USA 0.0 -0.1 -0.3* 5586 UZB 0.0 -0.1 -0.4* 1493 VEN 0.0 0.2* -0.3+ 3674 ZAF 0.0 1.0* 1.1* 6448 ZWE 0.0 0.3* 0.2* -0.3+ 2714					
PHL         0.0         0.3*         0.6*         3600           POL         0.0         0.2*         0.1         3093           ROU         0.0         0.3*         0.4*         5618           RUS         0.0         0.3*         0.5*         8187           RWA         0.0         -0.6*         -0.7*         3030           SRB         0.0         0.3*         0.2*         4654           SVN         0.0         0.4*         0.1         3065           SWE         0.0         0.4*         0.3*         2882           THA         0.0         0.1         -0.7*         4086           TJK         0.0         -0.2         -0.1         1200           TUN         0.0         0.1         -0.7*         2405           TUR         0.0         0.1         -0.7*         2405           TUR         0.0         1.2*         1.4*         2405           UKR         0.0         0.1         0.0         4169           UKY         0.0         0.1         0.1         2717           USA         0.0         -0.1         -0.3*         5586	PAK			0.4*	
POL         0.0         0.2*         0.1         3093           ROU         0.0         0.3*         0.4*         5618           RUS         0.0         0.3*         0.5*         8187           RWA         0.0         -0.6*         -0.7*         3030           SRB         0.0         0.3*         0.2*         4654           SVN         0.0         0.4*         0.1         3065           SWE         0.0         0.4*         0.3*         2882           THA         0.0         0.1         -0.7*         4086           TJK         0.0         -0.2         -0.1         1200           TUN         0.0         0.1         -0.7*         2405           TUR         0.0         0.1         -0.7*         2405           UKR         0.0         0.1         0.0         4169           URY         0.0         0.1         0.0         4169           URY         0.0         0.1         -0.3*         5586           UZB         0.0         -0.1         -0.4*         1493           VEN         0.0         -1.8*         -1.5*         2385	PER	0.0	0.5*	0.5*	2602
ROU       0.0       0.3*       0.4*       5618         RUS       0.0       0.3*       0.5*       8187         RWA       0.0       -0.6*       -0.7*       3030         SRB       0.0       0.3*       0.2*       4654         SVN       0.0       0.4*       0.1       3065         SWE       0.0       0.4*       0.3*       2882         THA       0.0       0.1       -0.7*       4086         TJK       0.0       -0.2       -0.1       1200         TUN       0.0       0.1       -0.7*       2405         TUR       0.0       0.1       -0.7*       2405         UKR       0.0       0.1       0.0       4169         URY       0.0       0.1       0.0       4169         UZB       0.0       -0.1       -0.3*       5586         UZB       0.0       -0.1       -0.4*       1493         VEN       0.0       -1.8*       -1.5*       2385         VNM       0.0       0.2*       -0.3+       3674         ZAF       0.0       1.0*       1.1*       6448         ZWE       0.0 </td <td></td> <td>0.0</td> <td></td> <td></td> <td>3600</td>		0.0			3600
RUS       0.0       0.3*       0.5*       8187         RWA       0.0       -0.6*       -0.7*       3030         SRB       0.0       0.3*       0.2*       4654         SVN       0.0       0.4*       0.1       3065         SWE       0.0       0.4*       0.3*       2882         THA       0.0       0.1       -0.7*       4086         TJK       0.0       -0.2       -0.1       1200         TUN       0.0       0.1       -0.7*       2405         TUR       0.0       0.1       -0.7*       2405         UKR       0.0       0.1       0.0       4169         URY       0.0       0.1       0.0       4169         URY       0.0       0.1       0.1       2717         USA       0.0       -0.1       -0.3*       5586         UZB       0.0       -0.1       -0.4*       1493         VEN       0.0       -1.8*       -1.5*       2385         VNM       0.0       0.2*       -0.3+       3674         ZAF       0.0       1.0*       1.1*       6448         ZWE       0.0 <td></td> <td></td> <td></td> <td></td> <td></td>					
RWA 0.0 -0.6* -0.7* 3030 SRB 0.0 0.3* 0.2* 4654 SVN 0.0 0.4* 0.1 3065 SWE 0.0 0.4* 0.3* 2882 THA 0.0 0.1 -0.7* 4086 TJK 0.0 -0.2 -0.1 1200 TUN 0.0 0.1 -0.7* 2405 TUR 0.0 1.2* 1.4* 2405 UKR 0.0 0.1 0.1 24169 URY 0.0 0.1 0.1 2717 USA 0.0 -0.1 -0.3* 5586 UZB 0.0 -0.1 -0.3* 5586 UZB 0.0 -0.1 -0.4* 1493 VEN 0.0 0.2* -0.3+ 3674 ZAF 0.0 1.0* 1.1* 6448 ZWE 0.0 0.3* 0.3+ 2714					
SRB       0.0       0.3*       0.2*       4654         SVN       0.0       0.4*       0.1       3065         SWE       0.0       0.4*       0.3*       2882         THA       0.0       0.1       -0.7*       4086         TJK       0.0       -0.2       -0.1       1200         TUN       0.0       0.1       -0.7*       2405         TUR       0.0       0.1       2.4*       2405         UKR       0.0       0.1       0.0       4169         URY       0.0       0.1       0.1       2717         USA       0.0       -0.1       -0.3*       5586         UZB       0.0       -0.1       -0.4*       1493         VEN       0.0       -1.8*       -1.5*       2385         VM       0.0       0.2*       -0.3+       3674         ZAF       0.0       1.0*       1.1*       6448         ZWE       0.0       0.3*       0.3+       2714					
SVN     0.0     0.4*     0.1     3065       SWE     0.0     0.4*     0.3*     2882       THA     0.0     0.1     -0.7*     4086       TJK     0.0     -0.2     -0.1     1200       TUN     0.0     0.1     -0.7*     2405       TUR     0.0     1.2*     1.4*     2405       UKR     0.0     0.1     0.0     4169       URY     0.0     0.1     0.1     2717       USA     0.0     -0.1     -0.3*     5586       UZB     0.0     -0.1     -0.4*     1493       VEN     0.0     -1.8*     -1.5*     2385       VNM     0.0     0.2*     -0.3+     3674       ZAF     0.0     1.0*     1.1*     6448       ZWE     0.0     0.3*     0.3+     2714					
SWE       0.0       0.4*       0.3*       2882         THA       0.0       0.1       -0.7*       4086         TJK       0.0       -0.2       -0.1       1200         TUN       0.0       0.1       -0.7*       2405         TUR       0.0       1.2*       1.4*       2405         UKR       0.0       0.1       0.0       4169         URY       0.0       0.1       0.1       2717         USA       0.0       -0.1       -0.3*       5586         UZB       0.0       -0.1       -0.4*       1493         VEN       0.0       -1.8*       -1.5*       2385         VNM       0.0       0.2*       -0.3+       3674         ZAF       0.0       1.0*       1.1*       6448         ZWE       0.0       0.3*       0.3+       2714					
THA         0.0         0.1         -0.7*         4086           TJK         0.0         -0.2         -0.1         1200           TUN         0.0         0.1         -0.7*         2405           TUR         0.0         1.2*         1.4*         2405           UKR         0.0         0.1         0.0         4169           URY         0.0         0.1         0.1         2717           USA         0.0         -0.1         -0.3*         5586           UZB         0.0         -0.1         -0.4*         1493           VEN         0.0         -1.8*         -1.5*         2385           VNM         0.0         0.2*         -0.3+         3674           ZAF         0.0         1.0*         1.1*         6448           ZWE         0.0         0.3*         0.3+         2714					
$\begin{array}{cccccccccccccccccccccccccccccccccccc$					
TUN     0.0     0.1     -0.7*     2405       TUR     0.0     1.2*     1.4*     2405       UKR     0.0     0.1     0.0     4169       URY     0.0     0.1     0.1     2717       USA     0.0     -0.1     -0.3*     5586       UZB     0.0     -0.1     -0.4*     1493       VEN     0.0     -1.8*     -1.5*     2385       VNM     0.0     0.2*     -0.3+     3674       ZAF     0.0     1.0*     1.1*     6448       ZWE     0.0     0.3*     0.3+     2714					
TUR       0.0       1.2*       1.4*       2405         UKR       0.0       0.1       0.0       4169         URY       0.0       0.1       0.1       2717         USA       0.0       -0.1       -0.3*       5586         UZB       0.0       -0.1       -0.4*       1493         VEN       0.0       -1.8*       -1.5*       2385         VNM       0.0       0.2*       -0.3+       3674         ZAF       0.0       1.0*       1.1*       6448         ZWE       0.0       0.3*       0.3+       2714					
UKR     0.0     0.1     0.0     4169       URY     0.0     0.1     0.1     2717       USA     0.0     -0.1     -0.3*     5586       UZB     0.0     -0.1     -0.4*     1493       VEN     0.0     -1.8*     -1.5*     2385       VNM     0.0     0.2*     -0.3+     3674       ZAF     0.0     1.0*     1.1*     6448       ZWE     0.0     0.3*     0.3+     2714					
USA 0.0 -0.1 -0.3* 5586 UZB 0.0 -0.1 -0.4* 1493 VEN 0.0 -1.8* -1.5* 2385 VNM 0.0 0.2* -0.3+ 3674 ZAF 0.0 1.0* 1.1* 6448 ZWE 0.0 0.3* 0.3+ 2714		0.0	0.1		4169
UZB     0.0     -0.1     -0.4*     1493       VEN     0.0     -1.8*     -1.5*     2385       VNM     0.0     0.2*     -0.3+     3674       ZAF     0.0     1.0*     1.1*     6448       ZWE     0.0     0.3*     0.3+     2714					
VEN     0.0     -1.8*     -1.5*     2385       VNM     0.0     0.2*     -0.3+     3674       ZAF     0.0     1.0*     1.1*     6448       ZWE     0.0     0.3*     0.3+     2714					
VNM 0.0 0.2* -0.3+ 3674 ZAF 0.0 1.0* 1.1* 6448 ZWE 0.0 0.3* 0.3+ 2714					
ZAF 0.0 1.0* 1.1* 6448 ZWE 0.0 0.3* 0.3+ 2714					
ZWE $0.0   0.3*   0.3+   2714$					
* n<0.05 ± n<0.1:					
	* n<0.05 + n<0.1.	0.0	0.0	0.57	2114

**Table 6:** exT3-1

	-2k	2-5k	5-10k	10-20k	20-50k	50-100k	100-500k	500k-	N
ALB	0.0	0.3+	-0.0	0.0	0.2	0.1	0.5*	0.5*	1960
ARG	0.0	0.5*	0.2	0.4*	0.4*	0.6*	-0.2	0.0	4010
AUS	0.0	0.1	-0.1	0.1	-0.1	0.0	-0.1	-0.0	6466
AZE	0.0	-0.1	-0.8*	-0.5	-0.2	-0.3	-0.6*	0.2	1002
BFA	0.0	-0.8*	-0.4+	-1.0*	-0.6*	0.2	-0.1	-0.5*	1421
BGD	0.0	-0.4*	-0.1	-0.6*	-0.3*	0.1	0.1	1.2*	4106
BGR	0.0	0.5*	0.6*	0.7*	0.8*	0.9*	1.0*	1.0*	2014
BLR	0.0	0.7*	0.1	0.8*	0.3+	0.7*	0.5*	0.6*	3603
BOL	0.0	-0.0	-0.1	-0.1	-0.1	0.2	-0.1	0.1	2058
BRA CAN	0.0 0.0	0.1 0.1	0.7* -0.1	0.3 -0.1	0.4 -0.0	0.3 -0.1	0.0 -0.2+	0.1 -0.5*	$7462 \\ 5720$
CHL	0.0	0.1	0.8	0.4	-0.0 0.5+	0.1	-0.2+ -0.1	0.0	6657
CHN	0.0	-0.1	0.6*	0.7*	0.2	0.5*	0.6*	0.0	9407
COL	0.0	-0.9+	-0.5	-0.7+	-0.5	-0.5	-0.6	-0.6+	6025
DEU	0.0	0.1	0.1	-0.0	-0.1	0.1	0.0	0.0	7625
DZA	0.0	1.9*	0.1	0.2	0.5*	0.2	0.3	0.5	2433
ECU	0.0	-0.2	-0.2	-0.1	-0.6+	-0.3	-0.2	-0.1	2400
EGY	0.0	0.6*	-0.2	-0.1	-0.2	0.0	-0.4	-0.5+	6120
ESP	0.0	-0.2	-0.2	-0.3+	-0.1	-0.1	-0.3*	-0.3*	3898
ETH	0.0	0.8+	0.9*	0.2	0.3	0.8*	1.1*	1.0*	2719
FRA	0.0	-0.3	-0.8*	-0.3	0.1	0.3	0.0	-0.1	1000
GEO	0.0	0.1	0.4*	0.1	0.1	1.0*	0.5*	0.6*	2676
GHA	0.0	0.3	0.9*	1.0*	1.0*	1.1*	0.8*	0.7*	3080
GRC GTM	0.0 0.0	0.2 -0.2	$0.4 \\ 0.1$	-0.1 0.9*	0.2 0.5*	0.5* 1.0*	-0.3 0.7*	-0.3* 0.3+	$\frac{1200}{2202}$
HRV	0.0	-0.2 -0.3	2.0*	0.9	0.5	-0.7*	0.7	0.3+	1152
HUN	0.0	0.3	-0.2	-0.1	0.4+	-0.2	0.7*	0.2	1649
IDN	0.0	0.1	0.2+	0.1	0.8*	0.6*	0.4*	0.4*	6092
IND	0.0	0.4*	0.0	0.7*	0.8*	0.1	0.4*	0.6*	11971
IRN	0.0	-0.2	-0.2	0.3	-0.0	-0.6*	-0.3+	-0.1	3973
IRQ	0.0	-0.5+	-0.4	-0.5	-0.1	-0.3	-0.6+	-0.3	2631
ITA	0.0	-0.4	-0.2	-0.2	-0.3	-0.4	-0.3	-0.1	1006
JOR	0.0	0.0	-0.0	0.3	0.2	-0.1	0.1	0.1	3622
KAZ	0.0	-0.1	-0.1	-0.3+	0.4*	0.4	-0.0	-0.1	2761
KGZ	0.0	-0.1	-0.2	-0.4*	-0.2	-0.5*	0.4*	-0.8*	3731
KWT LBN	0.0 0.0	1.5* -0.0	0.4 -0.2	-0.0 -0.1	-0.2 -0.0	0.4 -0.2	0.9* -0.2	0.6* -0.2	$1034 \\ 2159$
LTU	0.0	0.4	0.2	0.5	0.6+	-0.2	0.8*	0.7*	996
LVA	0.0	-0.0	0.4	0.1	-0.0	-0.0	-0.5	-0.4*	1190
MAR	0.0	-0.2	-0.0	0.1	-0.0	0.5	0.6*	0.1	2442
MDA	0.0	0.2*	0.4*	0.3+	0.7*	-2.0*	1.3*	0.9*	3000
MEX	0.0	0.1	0.1	-0.0	0.2*	0.1	0.1	0.0	9329
MKD	0.0	0.8*	0.0	0.3	0.1	0.3+	1.4*	0.6*	2031
MYS	0.0	0.4*	0.4*	0.4*	0.4*	0.2	0.3*	0.2	2919
NGA	0.0	-0.3+	-0.8*	-0.7*	-0.4*	-0.4*	-0.3+	0.0	7807
NZL	0.0		-0.3	-0.2	-0.3	-0.2	-0.4*	0.0	1770
PAK	0.0	0.1	0.2+	1.9*	0.4	2.3*	0.2	0.5*	3677
PER	0.0	0.1	-0.1	0.3	0.3	0.4*	0.7*	0.5*	2602
PHL	0.0	0.3	0.1	0.5+	0.8*	0.4+	0.7*	1.0*	3600
POL	0.0	0.2 0.3*	0.3	0.4*	0.0	$0.2 \\ 0.2$	0.3* 0.8*	0.1 0.6*	3093
ROU RUS	0.0 0.0	0.3**	0.2+ 0.6*	0.1 0.4*	0.5* 0.6*	0.2	0.8**	0.6*	5618 8187
RWA	0.0	-0.7+	-1.5*	-1.3*	-1.0*	-1.3*	-1.0*	-1.3*	3030
SRB	0.0	0.3*	0.2	0.2	0.4*	0.7*	0.3*	0.3*	4654
SVN	0.0	0.3*	0.2*	0.2*	0.2+	0.4+	0.5*	0.3	3065
SWE	0.0	0.2	0.4	0.3	0.4*	0.4*	0.5*	0.4*	2882
THA	0.0	0.2+	0.2+	0.3+	0.1	-0.1	-0.0	-0.7*	4086
TJK	0.0	-0.1	-0.2	-0.7*	0.2	-0.2	-0.5*	-0.2	1200
TUN	0.0	-0.6	-0.4	-0.6+	0.2	-0.4	-0.2	-1.1*	2405
TUR	0.0	-3.2*	0.6*	0.2	0.9*	0.8*	0.9*	1.0*	2405
UKR	0.0	0.4*	0.1	0.5*	0.1	0.1	0.1	0.2	4169
URY	0.0	0.1	0.2	0.2	0.3	0.1	1.6*	0.2	2717
USA	0.0	-0.3*	-0.2	-0.1	-0.2*	-0.4*	-0.3*	-0.5*	5586
UZB	0.0	0.3*	0.5+	0.1	-0.2	-1.0*	-0.0	-0.3+	1493
VEN	0.0	1.5	-1.1	-0.9	-0.6	-0.8	-0.8	-0.5	2385
$rac{ ext{VNM}}{ ext{ZAF}}$	0.0	0.5*	0.4+	1.0* 0.9*	0.3 1.1*	1.2* 1.2*	1.0* 1.2*	0.5 1.2*	3674
ZWE	0.0	-0.1 0.1	0.4* 0.4+	0.9	0.5*	0.1	0.6*	0.4+	6448 2714
* n < 0.05   n < 0.1	0.0	0.1	0.4+	0.1	0.0	0.1	0.0	0.4十	4114

**Table 7:** exT-1

	10	10 70]-	FO FOOI-	F001-	N
ALB	-10 0.0	10-50k -0.3*	50-500k -0.1	500k- -0.0	1864
ARG	0.0		-0.1	0.1	955
AUS	0.0	$0.2 \\ 0.1$	-0.2 -0.1	-0.1	3895
AZE BFA	0.0	0.1 -0.2	-0.2	0.2	995
	0.0		0.3		636
BGD	0.0	-0.2	0.1	0.9*	2562
BGR	0.0	0.0	0.1	-0.1	1637
BLR	0.0	0.0	-0.0	0.0	3394
BRA	0.0	-0.2	-0.5*	-0.5*	3780
CAN	0.0	-0.1	-0.2*	-0.5*	3320
CHL	0.0	0.5	-0.7*	-0.6*	3823
CHN	0.0	0.2	0.3*	0.1	4371
COL	0.0	0.2	0.1	-0.0	4376
DEU	0.0	-0.2*	-0.0	0.0	5137
DZA	0.0	0.3+	0.0	-0.1	1806
ECU	0.0	-0.5	-0.6*	-0.5+	1187
EGY	0.0	-0.2	-0.0	-0.8*	3466
ESP	0.0	0.1	-0.0	-0.2+	1652
ETH	0.0	-1.8*	-0.2	-0.4	1246
GEO	0.0	-0.0	0.0	0.1	2602
GHA	0.0	0.3*	0.0	-0.2	2602
HUN			-0.0	-0.2 -0.6*	
	0.0	-0.1			952
IDN	0.0	0.2+	0.1	0.1	2459
IND	0.0	0.5*	-0.4*	0.5*	6931
IRN	0.0	0.3	-0.5*	0.1	2208
IRQ	0.0	0.2	-0.4*	-0.2	1233
ITA	0.0	-0.3*	-0.5*	0.0	639
JOR	0.0	0.2*	0.1	-0.1	2137
KAZ	0.0	0.4*	-0.0	-0.3*	1497
KGZ	0.0	-0.3	0.3*	-0.5*	2427
KWT	0.0	-0.4	0.5*	0.1	953
LBN	0.0	0.1	0.1	-0.2	898
LTU	0.0	0.2	0.3	0.5+	889
LVA	0.0	-0.2	-0.5*	-0.7*	1119
MAR	0.0	0.2	0.2	-0.2	888
MDA	0.0	0.1	0.1	0.2	2740
MEX	0.0	0.0	-0.1	-0.3*	3782
MKD	0.0	-0.3+	0.1	-0.2	1600
MYS	0.0	0.3+	0.1	-0.2	1559
NGA	0.0	0.1	0.1	0.1	4628
NZL	0.0	0.1	-0.2	0.1	625
PAK	0.0	0.2	0.3	0.4*	1131
PER	0.0	0.2	0.5	-0.3	1122
PHL	0.0	0.2	-0.1	0.1	2343
POL	0.0	-0.2	-0.1	-0.3+	2683
		-0.2 -0.3*		-0.3+ 0.3*	
ROU	0.0		-0.1		3966
RUS	0.0	0.2+	0.1	0.2*	3999
RWA	0.0	-0.1	-0.3*	0.3	2432
SRB	0.0	-0.1	0.3*	-0.5*	3128
SVN	0.0	0.2+	0.1	-0.3	1896
SWE	0.0	0.2	0.1	0.1	1888
THA	0.0	-0.2	0.1	0.0	2387
TUN	0.0	-0.1			901
UKR	0.0	0.0	-0.2*	-0.2*	3593
URY	0.0	0.3*	0.2	0.1	2511
USA	0.0	0.0	-0.2*	-0.2*	3493
UZB	0.0	-0.0	0.0	-0.3*	1407
VEN	0.0	-0.5	-0.8*	-0.1	1111
VNM	0.0	0.3*	-0.0	-0.5	2330
ZAF	0.0	0.3*	0.3*	0.1	5575
ZWE	0.0	-0.1	0.3	-0.0	1492
$\frac{2 \text{ WE}}{\text{* p<0.05.} + \text{p<0.1:}}$	0.0	0.1	0.1	0.0	1104

**Table 8:** exT4-2

	-5	5-500k	500k-	N
ALB	0.0	-0.2*	-0.1	1864
ARG	0.0	-0.2	-0.0	955
AUS	0.0	-0.1	-0.2*	3895
AZE	0.0	-0.2	0.1	995
BFA	0.0	0.3	-0.0	636
BGD	0.0	0.1	0.9*	2562
BGR	0.0	0.0	-0.1	1637
BLR	0.0	-0.0	-0.0	3394
BRA	0.0	0.1	-0.1 -0.5*	3780
CAN CHL	0.0	-0.2*		3320
CHL	0.0	-0.5 0.4*	-0.5 0.2+	3823
COL	0.0	0.4	-0.1	4371 4376
DEU	0.0	-0.1	0.0	5137
DZA	0.0	-0.1	-0.6	1806
ECU	0.0	-1.0*	-0.8*	1187
EGY	0.0	-0.4*	-1.1*	3466
ESP	0.0	-0.4	-0.3+	1652
ETH	0.0	0.0	-0.2	1246
GEO	0.0	0.0	0.1	2602
GHA	0.0	0.3*	-0.1	2602
HUN	0.0	-0.1	-0.6*	952
IDN	0.0	0.1	0.1	2459
IND	0.0	-0.0	0.4*	6931
IRN	0.0	-0.4*	-0.0	2208
IRQ	0.0	-0.2	-0.2	1233
ITA	0.0	-0.2	0.1	639
JOR	0.0	0.1	-0.1	2137
KAZ	0.0	0.1	-0.3*	1497
KGZ	0.0	-0.1	-0.5*	2427
KWT	0.0	0.3	0.2	953
LBN	0.0	-0.0	-0.3	898
LTU	0.0	0.2	0.5+	889
LVA	0.0	-0.3+	-0.7*	1119
MAR	0.0	0.0	-0.3	888
MDA	0.0	0.2+	0.2+	2740
MEX	0.0	-0.0	-0.3*	3782
MKD	0.0	-0.2+	-0.3	1600
MYS	0.0	0.1	-0.3	1559
NGA	0.0	-0.2+	-0.2	4628
NZL	0.0	0.0	0.5%	625
PAK	0.0	0.5*	0.5*	1131
PER PHL	0.0	0.5* -0.0	-0.3 0.1	1122 2343
POL	0.0	-0.0 -0.1	-0.3+	2343 2683
ROU	0.0	-0.1 -0.1+	0.3*	3966
RUS	0.0	0.3*	0.3*	3999
RWA	0.0	-0.8*	-0.3	2432
SRB	0.0	0.1	-0.5 -0.6*	3128
SVN	0.0	0.1	-0.3	1896
SWE	0.0	0.2	0.2	1888
THA	0.0	0.2	0.1	2387
TUN	0.0	0.1	0.1	901
UKR	0.0	-0.1	-0.2*	3593
URY	0.0	0.3*	0.1	2511
USA	0.0	-0.1	-0.2*	3493
UZB	0.0	0.1	-0.2	1407
VEN	0.0	-2.2*	-1.6*	1111
VNM	0.0	0.1	-0.5+	2330
ZAF	0.0	0.3*	0.2	5575
ZWE	0.0	0.2	0.1	1492
p < 0.05, + p < 0.1;				

**Table 9:** exT3-2

ALB 0.0 0.3° -0.3° -0.3° -0.2° -0.2° -0.3 0.1 -0.0° 1864 ARG 0.0 0.9° -0.3 0.1 0.4 0.0 -0.4 0.1 955 AUS 0.0 0.0 0.0° -0.3 0.1 0.0 -0.1 -0.1 -0.1 -0.2 3895 AUS 0.0 0.0 0.0° -0.3 0.1 0.0 -0.1 -0.1 -0.1 -0.2 3895 BCD 0.0 -0.04° -0.2° -0.3° -0.1 -0.0 -0.1 -0.1 -0.2 3895 BCD 0.0 -0.04° -0.2° -0.3° -0.1 -0.0 -0.1 -0.1 -0.2 3895 BCB 0.0 0.0 -0.4° -0.2° -0.4° -0.2° -0.0 -0.1 -0.1 -0.3 0.5° -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.		-2k	2-5k	5-10k	10-20k	20-50k	50-100k	100-500k	500k-	N
ARG 0.0 0.9* -0.3 0.1 0.4 0.0 -0.4 0.1 955  AUS 0.0 0.0 -0.3 0.1 0.0 -0.1 -0.1 -0.1 -0.2 3895  AZE 0.0 0.0 0.0 -0.4 -0.2 0.1 -0.1 -0.1 -0.1 -0.2 3895  AZE 0.0 0.0 0.0 0.4 -0.2 0.1 -0.1 -0.1 -0.4 0.1 955  BEO 0.0 0.0 0.4 0.4 -0.2 0.1 -0.1 -0.1 -0.4 0.1 955  BEO 0.0 0.0 0.5 0.1 0.2 0.2 0.1 -0.1 0.0 0.4 0.0 0.2 0.2 0.1 1 -0.0 0.0 0.4 0.0 0.2 0.2 0.1 0.0 0.4 0.0 0.2 0.2 0.1 0.0 0.4 0.0 0.2 0.2 0.2 0.1 0.0 0.4 0.0 0.0 0.0 0.0 0.0 0.2 0.2 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.2 0.2 0.2 0.1 0.1 0.0 0.0 0.0 0.3 3944  BRA 0.0 0.0 0.5 1.0 0.0 0.2 0.2 0.2 0.1 0.1 0.0 0.0 0.0 3394  BRA 0.0 0.0 0.5 1.0 0.0 0.2 0.2 0.2 0.1 0.1 0.0 0.0 0.0 3394  BRA 0.0 0.0 0.5 1.0 0.0 0.2 0.2 0.2 0.3 0.2 0.5 0.4 3780  CHIL 0.0 0.0 0.5 1.0 0.1 1.2 0.2 0.8 0.3 0.2 0.2 0.8 0.3 0.2 0.2 0.8 0.0 0.4 0.1 0.2 0.8 0.0 0.4 0.3 0.4 0.1 0.2 0.8 0.2 0.2 0.5 0.5 0.4 3780  CHIL 0.0 0.5 1.0 0.0 0.5 0.5 0.0 0.0 0.0 0.5 0.0 0.0 0	ALB		0.3*							
AUS			0.9*							
AZE 0.0 -0.0 -0.4 -0.2 0.1 -0.1 -0.4 0.1 995 BEA	AUS	0.0	0.0		0.1			-0.1		3895
BFA 0.0 0.1 0.6+ 0.2 0.3 0.6+ 0.7 0.0 636 BGR 0.0 0 0.5* 0.1 0.2 0.4* 0.5* -0.1 0.3 0.5* 2562 BGR 0.0 0 0.5* 0.1 0.2 0.2 0.2 0.0 0.4* 0.1 1637 BGR 0.0 0 0.5* 0.1 0.2 0.2 0.2 0.0 0.4* 0.1 1637 BGR 0.0 0 0.5* 0.1 0.2 0.2 0.2 0.0 0.0 0.4* 0.1 1637 BGR 0.0 0 0.3 0.2 0.2 0.2 0.1 0.1 0.2 0.2 0.0 0.0 0.3 3930 CAN 0.0 0.0 0.0 0.2 0.2 0.2 0.1 0.1 0.2 0.2 0.0 0.5* 3320 CHI 0.0 0 0.5 1.0 0.0 0.1 1.2* 0.2 0.2 0.0 0.4 0.4 4371 CHL 0.0 0 0.5 1.0 0.0 0.1 1.2* 0.2 0.6* 0.4+ 4371 CHL 0.0 0 0.0 0.5* 0.8* 0.1 0.2 0.0 0.0 0.4 4371 DEU 0.0 0.0 1.7* 0.0 0.0 0.2 0.1 0.0 0.0 0.0 4376 DEU 0.0 0.1 1.7* 0.5* 0.1 0.0 0.0 0.2 0.1 0.0 0.0 0.0 4376 DEU 0.0 0.1 1.7* 0.5* 0.1 0.0 0.0 0.2 0.1 0.0 0.0 0.0 5137 DZA 0.0 1.7* 0.5* 0.1 0.0 0.0 0.2* 0.0 0.0 0.0 0.0 5137 DZA 0.0 0 1.7* 0.5* 0.1 0.0 0.0 0.2* 0.0 0.0 0.0 0.0 5137 DZA 0.0 0 0.4 0.4 0.2 0.2 0.2 0.2 0.1 0.0 0.0 0.0 0.0 1318 ECC 0.0 0.0 0.1 0.1 0.0 0.2* 0.2 0.0 0.0 0.0 0.0 0.0 1318 ECC 0.0 0.0 0.1 0.1 0.0 0.2* 0.0 0.0 0.0 0.0 0.0 1318 ECC 0.0 0.0 0.4 0.1 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.0 1318 ECC 0.0 0.0 0.4 0.4 0.2 0.2 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	AZE							-0.4		995
BGD         0.0         -0.4*         -0.2         -0.4*         -0.5*         -0.1         -0.3         0.5*         2562           BLR         0.0         0.5*         0.1         0.2         0.2         -0.1         0.1         -0.0         0.0         334         0.1         1.6         1.0         -0.0         0.0         3394         BLR         0.0         -0.3         -0.2         0.2         -0.1         0.1         -0.0         0.0         3394         BLR         0.0         0.0         0.0         3394         BLR         0.0         0.0         3394         BLR         0.0         0.0         3394         BLR         0.0         3394         BLR         0.0         0.0         3394         BLR         0.0         0.0         3394         BLR         0.0	BFA				-0.2					636
BGR 0.0 0.5* 0.1 0.2 0.2 0.0 0.4* 0.1 1637 BRA 0.0 0.3 -0.2 0.2 -0.1 0.1 -0.0 0.0 3.394 BRA 0.0 -0.3 0.4 -0.1 -0.1 -0.1 -0.2 -0.5 -0.4 3780 CAN 0.0 -0.3 0.4 -0.1 -0.1 -0.1 -0.2 -0.5 -0.4 3780 CAN 0.0 0.5 1.0 -0.2 -0.2 -0.2 -0.2 -0.3* -0.2* -0.3 3231 CHIN 0.0 0.5 1.0 -0.1 1.2* -0.2 -0.3 -0.3 3231 CHIN 0.0 0.0 0.0 0.0 0.0 0.0 0.2 -0.2 -0.3 -0.3 3231 CHIN 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	BGD	0.0	-0.4*			-0.5*				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	BGR									
BRA         0.0         -0.3         0.4         -0.1         -0.1         -0.2         -0.5         -0.4         3780           CHL         0.0         -0.0         -0.0         -0.2         -0.2         -0.2*         -0.5*         3323           CHL         0.0         0.5         1.0         -0.1         1.2*         -0.2         -0.3         -0.2*         3523           CHL         0.0         0.0         0.5*         0.8*         0.1         0.2         -0.6*         0.4*         4371           COD         0.0         0.0         0.0         0.0         0.0         0.4*         4371           COU         0.0         0.1         -0.0         0.0 </td <td></td> <td></td> <td></td> <td></td> <td>0.2</td> <td>-0.1</td> <td></td> <td>-0.0</td> <td></td> <td>3394</td>					0.2	-0.1		-0.0		3394
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$					-0.1			-0.5		3780
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		0.0				-0.2+				3320
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$						1.2*				3823
COL         0.0         0.1         -0.0         0.0         0.2         0.1         0.0         -0.0         4376           DZA         0.0         1.7*         -0.5*         -0.1         -0.1         -0.5+         -0.3         -0.5         1806           ECU         0.0         0.1         -1.2         -1.0*         -0.5*         -1.1*         -0.9*         -0.8*         1187           EGY         0.0         0.6+         0.0         -0.1         -0.1         0.3         -0.3         -0.7*         3466           ESP         0.0         -0.2         -0.2         -0.2         0.1         -0.0         -0.2         -0.4*         1652           ETH         0.0         0.6         0.2         -0.2*         0.0         1.1*         -0.0         -0.2*         -0.4*         1652           ETH         0.0         0.7*         0.3*         0.3         0.3         0.1         1246         1652           GIA         0.0         0.2         0.0*         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         1.1*		0.0		0.5*				0.6*		4271
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	COL	0.0	0.0	0.0						4376
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	DEII	0.0	0.1			0.2				
$ \begin{array}{c} {\rm ECU} \\ {\rm ECY} \\ {\rm O0} \\ {\rm O} \\ {\rm O} \\ {\rm O} \\ {\rm Ce} \\ {\rm F} \\ {\rm O} \\ $	DE0							-0.0		1006
$ \begin{array}{c} {\rm EGY} \\ {\rm EGP} \\ {\rm O0} \\ {\rm O}-0.2 \\ {\rm O}-0.5 \\ {\rm O}-0.5 \\ {\rm O}-0.1 \\ {\rm I}246 \\ {\rm GEO} \\ {\rm OO} \\ {\rm O}-0.2 \\ {\rm O}-0.3 \\ {\rm O}-0.2 \\ {\rm O}-0.3 \\ {\rm O}-0.2 \\ {\rm O}-0.5 \\ {\rm O}-0.5 \\ {\rm O}-0.1 \\ {\rm I}246 \\ {\rm GEO} \\ {\rm OO} \\ {\rm O}-0.2 \\ {\rm O}-0.3 \\ {\rm O}-0.2 \\ {\rm O}-0.2 \\ {\rm O}-0.3 \\ {\rm O}-0.3 \\ {\rm O}-0.2 \\ {\rm O}-0.2 \\ {\rm O}-0.2 \\ {\rm O}-0.3 \\ {\rm O}-0.5 \\ {\rm O}-0.2 \\ {\rm O}$						-0.1	-U.5+ 1.1*	-0.5		1000
ESP 0.0 0.2 -0.2 -0.2 0.1 -0.0 0.2 -0.4+ 1652 ETH 0.0 0.7 2.2* 0.0 -2.0* -0.2 0.5 0.1 1246 GEO 0.0 0.2+ 0.3+ 0.2* 0.0 1.1* -0.0 0.2+ 2602 GHA 0.0 0.3+ 0.8* 0.7* 0.6* 0.5* 0.1 1246 0.0 0.0 0.3+ 0.8* 0.7* 0.6* 0.5* 0.1 1.1* -0.0 0.2+ 2602 GHA 0.0 0.1 -0.3 -0.3 0.1 0.1 -0.0 0.2+ 2602 GHA 0.0 0.0 0.1 -0.3 -0.3 0.3 0.1 0.1 -0.0 0.5+ 952 IDN 0.0 0.0 -0.0 0.0 0.2 1.0* 0.5+ -0.0 0.1 2459 IND 0.0 0.2* -0.2* 0.6* 0.4* -0.5* -0.3* 0.4* 6931 IRN 0.0 0.5* -0.7* -0.2 0.1 -0.5* -0.0* 0.4* 6931 IRN 0.0 -0.5* -0.7* -0.2 0.1 -0.0* -0.5* -0.7* 1233 ITA 0.0 -0.5+ -0.0 0.0 -0.4+ -0.7* -0.8+ -1.0* -0.7* -0.2+ 2208 IRQ 0.0 -0.6+ -0.6 -0.7 -0.3 -0.8+ -1.0* -0.7* -0.2* 2137 KAZ 0.0 -0.5* -0.0* -0.4 +0.7* -0.6* -0.9* -0.3 639 JOR 0.0 -0.5* -0.4* -0.0 0.1 -0.2 0.1 -0.2 2137 KAZ 0.0 -0.5* -0.6* -0.5* -0.3 -0.1 -0.2* 2137 KGZ 0.0 -0.2+ -0.6* -0.5* -0.3 -0.1 -0.3+ -0.6* 2427 KWT 0.0 -0.7* -0.6* -0.5* -0.3 -0.1 -0.3+ -0.6* 2427 KWT 0.0 -0.7* -0.6* -0.5* -0.3 -0.1 -0.3+ -0.6* 2427 KWT 0.0 -0.5* -0.4 -0.0 1.1 -0.2 0.2 -0.1 -0.3* -0.6* 2427 KWT 0.0 -0.6+ -0.6+ -0.5+ -0.3 -0.1 -0.3+ -0.6* 2427 KWT 0.0 -0.0* -0										
$ \begin{array}{c} {\rm ETH} & 0.0 & 0.7 & 2.2^* & 0.0 & -2.0^* & -0.2 & 0.5 & 0.1 & 1246 \\ {\rm GFO} & 0.0 & 0.2+ & 0.3+ & 0.2 & 0.0 & 1.1^* & -0.0 & 0.2+ & 2602 \\ {\rm GHA} & 0.0 & 0.3+ & 0.8^* & 0.7^* & 0.6^* & 0.5+ & 0.3 & 0.1 & 2602 \\ {\rm HIN} & 0.0 & 0.1 & -0.3 & -0.3 & 0.1 & 0.1 & -0.0 & -0.5+ & 952 \\ {\rm IDN} & 0.0 & -0.0 & 0.0 & -0.2 & 1.0^* & 0.5+ & -0.0 & 0.1 & 2459 \\ {\rm IND} & 0.0 & -0.2^* & -0.2^* & -0.6^* & 0.4^* & -0.5^* & -0.3^* & 0.4^* & 6931 \\ {\rm IRN} & 0.0 & -0.5^* & -0.7^* & -0.2 & 0.1 & -1.0+ & -0.7^* & -0.2+ & 2208 \\ {\rm IRQ} & 0.0 & -0.6+ & -0.6 & -0.7 & -0.3 & -0.8+ & -1.0^* & -0.7^* & -0.23 \\ {\rm ITA} & 0.0 & -0.5+ & -0.0 & -0.4+ & -0.7^* & -0.8+ & -1.0^* & -0.7^* & -1.233 \\ {\rm ITA} & 0.0 & -0.5+ & -0.0 & -0.4+ & -0.7^* & -0.6^* & -0.9^* & -0.3 & 639 \\ {\rm JOR} & 0.0 & -0.5+ & -0.0 & -0.4+ & -0.7^* & -0.6^* & -0.9^* & -0.3 & 639 \\ {\rm JOR} & 0.0 & -0.5+ & -0.0 & -0.4+ & -0.7^* & -0.2 & 0.1 & -0.2 & 2137 \\ {\rm KAZ} & 0.0 & -0.5^* & -0.4 & -0.0 & 0.1 & -0.6+ & -0.3+ & -0.6^* & 1497 \\ {\rm KGZ} & 0.0 & -0.2+ & -0.6^* & -0.5^* & -0.3 & -0.1 & 0.3+ & -0.6^* & 12427 \\ {\rm KWT} & 0.0 & 1.7^* & 0.5 & 0.2 & 0.1 & 1.3^* & 1.2^* & 0.8^* & 953 \\ {\rm LTU} & 0.0 & 1.7^* & 0.5 & 0.2 & 0.1 & 1.3^* & 1.2^* & 0.8^* & 953 \\ {\rm LTU} & 0.0 & 1.0 & 0.1 & 0.2 & -0.2 & -0.4 & 0.4+ & 0.5+ & 889 \\ {\rm LTU} & 0.0 & 1.0 & 0.1 & 0.2 & -0.2 & -0.4 & 0.4+ & 0.5+ & 889 \\ {\rm LWA} & 0.0 & -0.2^* & -0.4 & -0.1 & -0.2 & -0.2 & -0.0 & -0.4 & 888 \\ {\rm MDA} & 0.0 & 0.2^* & -0.4 & -0.1 & -0.2 & -0.2 & -0.0 & -0.4 & 888 \\ {\rm MDA} & 0.0 & 0.2^* & -0.4 & -0.1 & -0.2 & -0.2 & -0.0 & -0.4 & 888 \\ {\rm MEX} & 0.0 & 0.2^* & -0.4 & -0.1 & -0.2 & -0.2 & -0.0 & -0.4 & 888 \\ {\rm MED} & 0.0 & 0.3^* & 0.4^* & 0.3.3 & -0.6^* & -0.3 & -0.7^* & -0.7^* & 1119 \\ {\rm PER} & 0.0 & 0.0 & 0.9^* & -0.1 & 0.1 & 0.2 & -0.2 & -0.0 & -0.4 & 888 \\ {\rm NOU} & 0.0 & 0.0 & 0.9^* & -0.1 & 0.1 & 0.2 & -0.2 & -0.0 & -0.1 & -0.3 & 40.2 \\ {\rm POL} & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & -0.5^* & -0.3 & -0.1 & 0.3^* & -0.6^* & -0.3 & 1122 \\ {\rm POL} & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & -0.2 & -0.1 & -0.1 & -0.$	EGY									
$ \begin{array}{c} {\rm GEO} \\ {\rm GHA} \\ {\rm O}0 \\ {\rm O}0 \\ {\rm O}3 \\ {\rm A}1 \\ {\rm O}0 \\ {\rm O}3 \\ {\rm O}1 \\ {\rm O}2 \\ {\rm O}1 \\ {\rm O}1 \\ {\rm O}2 \\ {\rm O}2 \\ {\rm O}1 \\ {\rm O}1 \\ {\rm O}2 \\ {\rm O}3 \\ {\rm O}3 \\ {\rm O}3 \\ {\rm O}3 \\ {\rm O}4 \\ {\rm O}5 \\ {\rm O}4 \\ {\rm O}5 \\ {\rm O}4 \\ {\rm O}5 \\ {\rm$	ESP									1652
$ \begin{array}{c} {\rm GHA} & 0.0 & 0.3+ & 0.8^* & 0.7^* & 0.6^* & 0.5+ & 0.3 & 0.1 & 2602 \\ {\rm IDN} & 0.0 & 0.1 & 0.3 & 0.3 & 0.1 & 0.1 & 0.0 & 0.5+ & 952 \\ {\rm IDN} & 0.0 & 0.0^* & 0.0^* & 0.0^* & 0.6^* & 0.4^* & 0.5+ & -0.0 & 0.1 & 2459 \\ {\rm IND} & 0.0 & 0.2^* & -0.2^* & 0.6^* & 0.4^* & -0.5^* & -0.3^* & 0.4^* & 6931 \\ {\rm IRN} & 0.0 & -0.5^* & -0.7^* & -0.2 & 0.1 & -1.0+ & -0.7^* & -0.2+ & 2208 \\ {\rm IRQ} & 0.0 & -0.6+ & -0.6 & -0.7 & -0.3 & -0.8+ & -1.0^* & -0.7^* & 1233 \\ {\rm ITA} & 0.0 & -0.5+ & -0.0 & -0.4+ & -0.7^* & -0.6* & -0.9^* & -0.3 & 639 \\ {\rm JOR} & 0.0 & -0.5+ & -0.0 & -0.4+ & -0.7^* & -0.6^* & -0.9^* & -0.3 & 639 \\ {\rm JOR} & 0.0 & -0.1 & -0.2 & 0.2 & 0.0 & -0.2 & 0.1 & -0.2 & 2137 \\ {\rm KAZ} & 0.0 & -0.5^* & -0.4 & -0.0 & 0.1 & -0.6+ & -0.3+ & -0.6^* & 1497 \\ {\rm KGZ} & 0.0 & -0.2^+ & -0.6^* & -0.5^* & -0.3 & -0.1 & 0.3+ & -0.6^* & 1497 \\ {\rm KWT} & 0.0 & 1.7^* & 0.5 & 0.2 & 0.1 & 1.3^* & 1.2^* & 0.8^* & 953 \\ {\rm LTU} & 0.0 & 1.7^* & 0.5 & 0.2 & 0.1 & 1.3^* & 1.2^* & 0.8^* & 953 \\ {\rm LTU} & 0.0 & 1.0 & 0.1 & 0.2 & 0.2 & -0.4 & -0.4 & -0.7 + 898 \\ {\rm LTU} & 0.0 & 1.0 & 0.1 & 0.2 & 0.2 & -0.4 & -0.4 & -0.7 + 898 \\ {\rm LTW} & 0.0 & -0.2^* & -0.4 & -0.1 & -0.2 & -0.2 & -0.0 & -0.4 & 888 \\ {\rm MDA} & 0.0 & -0.2^* & -0.4 & -0.1 & -0.2 & -0.2 & -0.0 & -0.4 & 888 \\ {\rm MDA} & 0.0 & 0.2^* & -0.4 & -0.1 & -0.2 & -0.2 & -0.0 & -0.4 & 888 \\ {\rm MEX} & 0.0 & 0.2^* & -0.1 & 0.3 + -0.6 & 0.5^* & 0.3^* & 0.4^* & 2740 \\ {\rm MYS} & 0.0 & 0.2^* & -0.1 & 0.1 & -0.2 & -0.2 & -0.0 & -0.4 & 888 \\ {\rm MED} & 0.0 & 0.0^* & -0.1 & 0.0 & 0.2 & -0.1 & 0.1 & 1.4^* & -0.1 & 3782 \\ {\rm MKID} & 0.0 & 0.0 & 0.9^* & -0.1 & 0.0 & -0.2 & -0.1 & 0.1 & 1.4^* & -0.1 & 3782 \\ {\rm MKD} & 0.0 & 0.0 & 0.9^* & -0.1 & 0.0 & -0.2 & -0.1 & 0.1 & 1.4^* & -0.0 & 1.0 \\ {\rm MYS} & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & -0.2 & -0.4 & -0.4 & -0.1 & -0.1 & 3782 \\ {\rm MKD} & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & -0.2 & -0.0 & -0.1 & -0.1 & -0.3 & 4628 \\ {\rm NZL} & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & -0.2 & -0.0 & -0.1 & -0.1 & -0.3 & 4628 \\ {\rm NZL} & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 & -0.2 & -0.0 & -0.1 $										1246
$ \begin{array}{c} \mathrm{HUN} & 0.0 & 0.1 & -0.3 & -0.3 & 0.1 & 0.1 & -0.0 & -0.5 + & 952 \\ \mathrm{IDN} & 0.0 & -0.0 & 0.0 & -0.2 & 0.6^* & 0.4^* & -0.5^* & -0.3^* & 0.4^* & 6931 \\ \mathrm{IRN} & 0.0 & -0.5^* & -0.7^* & -0.2 & 0.1 & -1.0 + & -0.7^* & -0.2 + & 2208 \\ \mathrm{IRQ} & 0.0 & -0.6 + & -0.6 & -0.7 & -0.3 & -0.8 + & -1.0^* & -0.7^* & -0.22 \\ \mathrm{IRQ} & 0.0 & -0.6 + & -0.6 & -0.7 & -0.3 & -0.8 + & -1.0^* & -0.7^* & 1233 \\ \mathrm{JOR} & 0.0 & -0.5 + & -0.0 & -0.4 + & -0.7^* & -0.6^* & -0.9^* & -0.3 & 639 \\ \mathrm{JOR} & 0.0 & -0.1 & -0.2 & 0.2 & 0.0 & -0.2 & 0.1 & -0.2 & 2137 \\ \mathrm{KAZ} & 0.0 & -0.5^* & -0.4 & -0.0 & 0.1 & -0.6 + & -0.3 + & -0.6^* & 1497 \\ \mathrm{KGZ} & 0.0 & -0.2 + & -0.6^* & -0.5^* & -0.3 & -0.8 + & -0.6^* & 1497 \\ \mathrm{KGZ} & 0.0 & -0.2 + & -0.6^* & -0.5^* & -0.3 & -0.4 & -0.6 + & 1497 \\ \mathrm{KWT} & 0.0 & 1.7^* & 0.5 & 0.2 & 0.1 & 1.3^* & 1.2^* & 0.8^* & 953 \\ \mathrm{LTU} & 0.0 & -0.6 + & -0.6 + & -0.5 + & -0.3 & -0.4 & -0.4 & -0.7 + & 898 \\ \mathrm{LTU} & 0.0 & 1.0 & 0.1 & 0.2 & 0.2 & -0.4 & -0.4 & -0.7 + & 0.5 + & 898 \\ \mathrm{LTU} & 0.0 & -0.0 & -0.2 & -0.2 & -0.2 & -0.3 & -0.7^* & -0.7^* & 1119 \\ \mathrm{MAR} & 0.0 & -0.2 & -0.4 & -0.1 & -0.2 & -0.2 & -0.0 & -0.4 & 888 \\ \mathrm{MDA} & 0.0 & -0.2 & -0.4 & -0.1 & -0.2 & -0.2 & -0.0 & -0.4 & 888 \\ \mathrm{MEX} & 0.0 & 0.2 + & 0.1 & 0.1 & 0.2 & 0.1 & 1.4^* & -0.0 & 1600 \\ \mathrm{MYS} & 0.0 & 0.1 & -0.0 & 0.2 & 0.4 & -0.2 & 0.1 & 1.4^* & -0.0 & 1600 \\ \mathrm{MYS} & 0.0 & 0.1 & -0.0 & 0.2 & 0.4 & -0.2 & 0.1 & -0.1 & 3782 \\ \mathrm{MEK} & 0.0 & 0.0 & 0.5 + & & & & & & & & & & & & & & & & & & $										
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				0.8*	0.7*			0.3		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		0.0			-0.3		0.1			952
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	IDN	0.0				1.0*	0.5+			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			0.2*					-0.3*		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	IRN	0.0	-0.5*	-0.7*	-0.2	0.1	-1.0+	-0.7*	-0.2+	2208
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	IRQ	0.0	-0.6+	-0.6	-0.7	-0.3	-0.8+	-1.0*	-0.7*	1233
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ITA		-0.5+	-0.0	-0.4+	-0.7*	-0.6*	-0.9*		639
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				-0.2		0.0	-0.2		-0.2	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	KAZ									1497
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	KGZ	0.0								2427
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		0.0	1.7*	0.5	0.2		1.3*	1.2*	0.8*	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	LBN	0.0	-0.6+			-0.3	-0.4	-0.4		898
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	LTU	0.0			0.2	0.2			0.5+	889
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	IVA				-0.2	-0.2			-0.7*	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	MAR.	0.0								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						0.5*				2740
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						0.2				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		0.0	0.9*					1.4*		1600
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	MYS	0.0	0.1	-0.0	0.2	0.4		0.2	-0.2	1559
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	NGA				-0.2			-0.1		4628
PAK         0.0         0.0         0.5+         0.4         0.5*         1131           PER         0.0         -0.1         -0.4         0.1         0.2         0.3         0.6*         -0.3         1122           PHL         0.0         -0.1         0.0         -0.5         0.2         -0.2         -0.0         0.1         2343           POL         0.0         -0.1         0.0         0.2         -0.4*         -0.0         -0.1         -0.3+         2683           ROU         0.0         0.0         0.0         -0.5*         -0.5*         -0.1         -0.4*         0.0         0.3*         3966           RUS         0.0         0.5*         0.5*         0.5*         0.5*         0.5*         0.5*         0.5*         3999           RWA         0.0         0.5*         0.5*         0.5*         0.3*         0.5*         0.5*         3999           SRB         0.0         0.2         0.0         0.1         -0.8         -1.2*         -0.8         -0.5*         2432           SVN         0.0         0.1         0.3*         0.4*         0.2         0.2         0.1         -0.3         1896	NZL		0.0		0.4				0.0	
PER         0.0         -0.1         -0.4         0.1         0.2         0.3         0.6*         -0.3         1122           PHL         0.0         -0.5         0.2         -0.2         -0.0         0.1         2343           POL         0.0         -0.1         0.0         0.2         -0.4*         -0.0         -0.1         -0.3+         2683           ROU         0.0         0.0         0.0         -0.5*         -0.1         -0.4*         0.0         0.3*         3966           RUS         0.0         0.5*         0.5*         0.5*         0.5*         0.5*         0.5*         3999           RWA         0.0         -0.3         -1.3*         -1.0+         -0.8         -1.2*         -0.8         -0.5*         3999           RWA         0.0         0.2         0.0         0.1         -0.0         0.4*         0.2         -0.5*         3128           SRB         0.0         0.2         0.0         0.1         -0.0         0.4*         0.2         -0.5*         3128           SWE         0.0         -0.7*         -0.0         0.2         0.0         0.0         0.0         -0.0         1888 <td></td> <td></td> <td>0.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.5*</td> <td></td>			0.0						0.5*	
PHL         0.0         -0.5         0.2         -0.2         -0.0         0.1         2343           POL         0.0         -0.1         0.0         0.2         -0.4*         -0.0         -0.1         -0.3+         2683           ROU         0.0         0.0         0.0         -0.5*         -0.1         -0.4*         0.0         0.3*         3966           RUS         0.0         0.5*         0.5*         0.5*         0.5*         0.5*         3969           RWA         0.0         -0.3         -1.3*         -1.0+         -0.8         -1.2*         -0.8         -0.5         2432           SRB         0.0         0.2         0.0         0.1         -0.0         0.4*         0.2         -0.5*         3128           SVN         0.0         0.1         0.3*         0.4*         0.2         0.2         0.1         -0.3         1896           SWE         0.0         -0.7*         -0.0         0.2         0.0         0.0         0.0         -0.0         1888           THA         0.0         0.2*         0.3*         0.0         -0.2         0.0         0.7*         0.1         2387					0.1	0.2	0.3	0.6*		
POL         0.0         -0.1         0.0         0.2         -0.4*         -0.0         -0.1         -0.3+         2683           ROU         0.0         0.0         0.0         0.5*         -0.5*         -0.1         -0.4*         0.0         0.3*         3966           RUS         0.0         0.5*         0.5*         0.5*         0.5*         0.5*         0.5*         3999           RWA         0.0         -0.3         -1.3*         -1.0+         -0.8         -1.2*         -0.8         -0.5         2432           SRB         0.0         0.2         0.0         0.1         -0.0         0.4*         0.2         -0.5*         3128           SVN         0.0         0.1         0.3*         0.4*         0.2         0.2         0.1         -0.3         1896           SWE         0.0         -0.7*         -0.0         0.2         0.0         0.0         -0.0         1888           THA         0.0         0.2*         0.3*         0.0         -0.2         0.0         0.7*         0.1         2387           TUN         0.0         -0.7         -0.5         -0.7         -0.4         -0.1         3593 <td>PHI</td> <td>0.0</td> <td></td> <td>0.1</td> <td>-0.5</td> <td>0.2</td> <td>-0.2</td> <td>-0.0</td> <td></td> <td>2343</td>	PHI	0.0		0.1	-0.5	0.2	-0.2	-0.0		2343
ROU         0.0         0.0         0.0         -0.5*         -0.1         -0.4*         0.0         0.3*         3966           RUS         0.0         0.5*         0.5*         0.5*         0.5*         0.5*         3999           RWA         0.0         -0.3         -1.3*         -1.0+         -0.8         -1.2*         -0.8         -0.5         2432           SRB         0.0         0.2         0.0         0.1         -0.0         0.4*         0.2         -0.5*         3128           SVN         0.0         0.1         0.3*         0.4*         0.2         0.2         0.1         -0.3         1896           SWE         0.0         -0.7*         -0.0         0.2         0.0         0.0         0.0         -0.0         1888           THA         0.0         0.2*         0.3*         0.0         -0.2         0.0         0.7*         0.1         2387           TUN         0.0         -0.7         -0.5         -0.7         -0.4         -0.0         -0.1         3593           URY         0.0         0.4*         0.1         0.3*         0.0         -0.2         -0.0         -0.1         3593		0.0		0.0						2683
RUS         0.0         0.5*         0.5*         0.5*         0.5*         0.5*         0.3*         0.5*         0.5*         3999           RWA         0.0         -0.3         -1.3*         -1.0+         -0.8         -1.2*         -0.8         -0.5         2432           SRB         0.0         0.2         0.0         0.1         -0.0         0.4*         0.2         -0.5*         3128           SVN         0.0         0.1         0.3*         0.4*         0.2         0.2         0.1         -0.3         1896           SWE         0.0         -0.7*         -0.0         0.2         0.0         0.0         0.0         -0.0         1888           THA         0.0         0.2*         0.3*         0.0         -0.2         0.0         0.7*         0.1         2387           TUN         0.0         -0.7         -0.5         -0.7         -0.4         -0.0         -0.1         3593           URY         0.0         0.4*         0.1         0.3*         0.0         -0.2         -0.0         -0.1         3593           USA         0.0         -0.2         0.1         -0.1         -0.1         -0.4*					-0.5*					3966
RWA       0.0       -0.3       -1.3*       -1.0+       -0.8       -1.2*       -0.8       -0.5       2432         SRB       0.0       0.2       0.0       0.1       -0.0       0.4*       0.2       -0.5*       3128         SVN       0.0       0.1       0.3*       0.4*       0.2       0.2       0.1       -0.3       1896         SWE       0.0       -0.7*       -0.0       0.2       0.0       0.0       0.0       -0.0       1888         THA       0.0       0.2*       0.3*       0.0       -0.2       0.0       0.7*       0.1       2387         TUN       0.0       -0.7       -0.5       -0.7       -0.4       -0.0       0.7*       0.1       2387         UKR       0.0       0.4*       0.1       0.3*       0.0       -0.2       -0.0       -0.1       3593         URY       0.0       0.2       0.2       0.4+       0.5*       0.3       2.1*       0.2       2511         USA       0.0       -0.2       -0.1       -0.1       -0.1       -0.4*       -0.3+       -0.4*       3493         UZB       0.0       0.3*       0.5+ <t< td=""><td>RUS</td><td></td><td>0.5*</td><td></td><td></td><td></td><td></td><td></td><td></td><td>3999</td></t<>	RUS		0.5*							3999
SRB         0.0         0.2         0.0         0.1         -0.0         0.4*         0.2         -0.5*         3128           SVN         0.0         0.1         0.3*         0.4*         0.2         0.2         0.1         -0.3         1896           SWE         0.0         -0.7*         -0.0         0.2         0.0         0.0         0.0         -0.0         1888           THA         0.0         0.2*         0.3*         0.0         -0.2         0.0         0.7*         0.1         2387           TUN         0.0         -0.7         -0.5         -0.7         -0.4	RWA		-0.3			-0.8				
SVN         0.0         0.1         0.3*         0.4*         0.2         0.2         0.1         -0.3         1896           SWE         0.0         -0.7*         -0.0         0.2         0.0         0.0         0.0         -0.0         1888           THA         0.0         0.2*         0.3*         0.0         -0.2         0.0         0.7*         0.1         2387           TUN         0.0         -0.7         -0.5         -0.7         -0.4         -0.2         -0.0         -0.1         2387           UKR         0.0         0.4*         0.1         0.3*         0.0         -0.2         -0.0         -0.1         3593           URY         0.0         0.2         0.2         0.4+         0.5*         0.3         2.1*         0.2         2511           USA         0.0         -0.2         -0.1         -0.1         -0.1         -0.4*         -0.3+         -0.3+         0.2         2511           UZB         0.0         0.3*         0.5+         0.4         -0.1         -0.3         0.2         -0.1         1407           VEN         0.0         1.3         -1.6         -1.2         -1.0						-0.0				3128
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	CVN	0.0	0.2			0.0	0.4	0.2		1806
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$										
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	DVV E									
UKR         0.0         0.4*         0.1         0.3*         0.0         -0.2         -0.0         -0.1         3593           URY         0.0         0.2         0.2         0.4+         0.5*         0.3         2.1*         0.2         2511           USA         0.0         -0.2         -0.1         -0.1         -0.1         -0.4*         -0.3+         -0.4*         3493           UZB         0.0         0.3*         0.5+         0.4         -0.1         -0.3         0.2         -0.1         1407           VEN         0.0         1.3         -1.6         -1.2         -1.0         -1.2         -1.6+         -0.7         1111           VNM         0.0         0.2         0.1         0.6*         -0.1         1.1*         0.0         -0.3         2330           ZAF         0.0         -0.3+         0.3+         0.2         0.4*         0.2         0.4*         0.1         5575           ZWE         0.0         -0.0         0.4         -0.3         0.1         0.1         0.3         0.1         1492							0.0	0.7	0.1	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							0.0	0.0	0.1	901
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$										3093
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$					0.4+	0.5*				2511
VEN     0.0     1.3     -1.6     -1.2     -1.0     -1.2     -1.6+     -0.7     1111       VNM     0.0     0.2     0.1     0.6*     -0.1     1.1*     0.0     -0.3     2330       ZAF     0.0     -0.3+     0.3+     0.2     0.4*     0.2     0.4*     0.1     5575       ZWE     0.0     -0.0     0.4     -0.3     0.1     0.1     0.3     0.1     1492	USA	0.0								3493
VNM 0.0 0.2 0.1 0.6* -0.1 1.1* 0.0 -0.3 2330 ZAF 0.0 -0.3+ 0.3+ 0.2 0.4* 0.2 0.4* 0.1 5575 ZWE 0.0 -0.0 0.4 -0.3 0.1 0.1 0.3 0.1 1492	UZB	0.0								
ZAF 0.0 -0.3+ 0.3+ 0.2 0.4* 0.2 0.4* 0.1 5575 ZWE 0.0 -0.0 0.4 -0.3 0.1 0.1 0.3 0.1 1492										
ZWE 0.0 -0.0 0.4 -0.3 0.1 0.1 0.3 0.1 1492										
										5575
		0.0	-0.0	0.4	-0.3	0.1	0.1	0.3	0.1	1492

Table 10: exT-2

	-10	10-50k	50-500k	500k-	N
ALB	0.0	-0.4*	-0.2	0.5*	1582
ARG	0.0	0.1	-0.2	-0.0	855
AUS	0.0	0.1	0.0	-0.0	3728
AZE	0.0	0.1	-0.0	0.3*	964
BFA	0.0	-0.0	0.3	-0.2	567
BGD	0.0	-0.0*	0.1	0.6*	2104
BGR	0.0	-0.2	-0.1	-0.5*	1229
BLR	0.0	0.0	-0.1	-0.1	2815
BRA	0.0	-0.3*	-0.1 -0.5*	-0.1	3576
CAN				-0.3*	
	0.0	-0.1	-0.1+		3177
CHL	0.0	0.6+	-0.7*	-0.7*	3527
CHN	0.0	-0.3	-0.4	-0.7	2005
COL DEU	0.0	0.1 -0.2*	0.0	-0.1	1376
DEO	0.0		-0.0	0.0	4795
	0.0	0.3+	0.0	-0.0	1596
ECU	0.0	-0.7*	-0.7*	-0.5+	1182
EGY ESP	0.0	-0.2	0.1	-0.8*	3428
ETH	0.0	-0.1 -1.4+	-0.0 0.1	-0.1 0.1	1487 1017
GEO					2401
GHA	$0.0 \\ 0.0$	-0.0 0.2+	$0.1 \\ 0.1$	0.0 -0.1	2572
HUN	0.0	0.0	-0.1	-0.4*	887
IDN	0.0	0.3*	0.2	0.1	2056
IND	0.0	0.5*	-0.4*	0.4*	5857
IRN	0.0	0.3	-0.5*	0.0	2119
IRQ	0.0	0.3+	-0.3*	-0.0	1123
ITA	0.0	-0.2	-0.3+	0.0	585
JOR	0.0	0.2*	-0.0	-0.2	2089
KAZ	0.0	0.2	-0.1	-0.3*	1497
KGZ	0.0	-0.1	0.2	-0.3*	2293
LBN	0.0	0.3+	0.1	0.2	731
LTU	0.0	0.3	0.3	0.2	750
LVA	0.0	-0.1	-0.4*	-0.7*	963
MAR	0.0	0.1	0.2	-0.1	845
MDA	0.0	0.2+	0.2	0.1	2478
MEX MKD	0.0	-0.0 -0.3+	-0.1 0.1	-0.2+	3544
MYS			0.0	0.0	1385 1541
NGA	$0.0 \\ 0.0$	$0.2 \\ 0.2$	0.0 0.2+	-0.4* 0.1	1541 4488
NZL	0.0	0.2	-0.1	0.1	417
PAK	0.0	0.0	0.2	0.2	900
PER	0.0	0.1	0.5*	-0.5	1026
PHL	0.0	0.1	0.3	0.5	2294
POL	0.0	-0.2	-0.1	-0.2	1533
ROU	0.0	-0.2	-0.1	0.3*	3568
RUS	0.0	0.1	0.1	0.3+	3253
RWA	0.0	-0.1	-0.2*	0.1	2398
SRB	0.0	0.0	0.2*	-0.4*	2539
SVN	0.0	0.3*	-0.1	-0.4	1620
SWE	0.0	0.3	0.1	0.1	1769
THA	0.0	-0.1	0.1	0.0	2178
TUN	0.0	-0.1	5.2	3.0	826
UKR	0.0	0.1	0.0	-0.1	2985
URY	0.0	0.3*	0.0	0.1	2017
USA	0.0	0.0	-0.1	-0.2*	3372
UZB	0.0	-0.1	0.0	-0.2*	1247
VEN	0.0	-0.1 -0.2	-0.7+	0.1	1034
VNM	0.0	0.3*	0.2	-1.4*	2039
ZAF	0.0	0.3*	0.2	-0.0	5330
ZWE	0.0	-0.2	0.1	0.0	1487
* p<0.05. + p<0.1:	0.0	-0.2	0.1	0.0	1401

**Table 11:** exT4-3

		F F001	F001	NT.
AID	-5	5-500k	500k-	N
ALB	0.0	-0.4*	0.4+	1582
ARG	0.0	-0.2	-0.0	855
AUS AZE	0.0	-0.0	-0.1	3728
BFA	0.0 0.0	-0.1 0.3	0.3 0.0	964 567
BGD	0.0		0.0*	
		0.0		2104
BGR	0.0	-0.0	-0.5*	1229
BLR	0.0	-0.1	-0.1	2815
BRA	0.0	-0.2	-0.4*	3576
CAN	0.0	-0.1+	-0.3*	3177
CHL	0.0	-0.7*	-0.7*	3527
CHN		0.0	-0.4*	2005
COL	0.0	0.0	-0.1	1376
DEU	0.0	-0.1	0.0	4795
DZA	0.0	-0.4*	-0.6	1596
ECU	0.0	-0.9*	-0.7*	1182
EGY	0.0	-0.4*	-1.1*	3428
ESP	0.0	-0.1	-0.1	1487
ETH	0.0	0.3	0.4	1017
GEO	0.0	0.1	0.1	2401
GHA	0.0	0.3*	-0.0	2572
HUN	0.0	0.0	-0.4*	887
IDN	0.0	0.1	-0.0	2056
IND	0.0	-0.0	0.3*	5857
IRN	0.0	-0.3*	-0.0	2119
IRQ	0.0	-0.1	-0.0	1123
ITA	0.0	-0.1	0.2	585
JOR	0.0	0.1	-0.2	2089
KAZ	0.0	-0.0	-0.3*	1497
KGZ	0.0	-0.1	-0.3*	2293
LBN	0.0	0.1	0.2	731
LTU	0.0	0.3	0.3	750
LVA	0.0	-0.1	-0.6*	963
MAR	0.0	0.0	-0.2	845
MDA	0.0	0.2*	0.2	2478
MEX	0.0	-0.1	-0.2+	3544
MKD	0.0	-0.2	-0.1	1385
MYS	0.0	0.1	-0.4*	1541
NGA	0.0	-0.1	-0.1	4488
NZL PAK	0.0	-0.1	0.3	417
PER	0.0	0.4+ 0.3*		900 1026
PHL	0.0		-0.5	2294
POL	$0.0 \\ 0.0$	0.4 -0.1	0.5 -0.1	1533
ROU	0.0	-0.1 -0.2*	0.3*	3568
RUS		0.2*	0.3*	
	0.0			3253
RWA SRB	0.0	-0.7*	-0.4+ -0.4*	2398 2539
SKB SVN	0.0 0.0	0.1 0.2+	-0.4" -0.2	2539 1620
SVN SWE	0.0	0.2+ 0.2	-0.2 0.2	1620 1769
THA	0.0	0.2	0.2	2178
TUN	0.0	0.1	0.1	826
UKR	0.0	0.0	-0.1	2985
URY	0.0	0.0	0.1	2017
USA	0.0	-0.1	-0.2*	3372
UZB	0.0	0.0	-0.2*	1247
VEN	0.0	-1.7*	-0.5* -1.2*	1034
VEN VNM	0.0	0.1	-1.2* -1.5*	2039
ZAF		0.1	0.0	5330
ZWE	0.0	0.2	0.0	1487
* p<0.05. + p<0.1:	0.0	0.1	0.2	1401

**Table 12:** exT3-3

	-2k	2-5k	5-10k	10-20k	20-50k	50-100k	100-500k	500k-	N
ALB	0.0	0.2	-0.5*	-0.6*	-0.4*	-0.5*	0.0	0.4*	1582
ARG	0.0	0.6+	-0.0	0.0	0.3	-0.1	-0.3	0.1	855
AUS	0.0	0.0	-0.2	0.1	0.0	-0.1	-0.0	-0.1	3728
AZE	0.0	0.0	-0.5	-0.2	0.3 0.6+	-0.0	-0.1	0.3	964
BFA	0.0	0.3	0.7+	0.1	0.6+	0.8+	0.8	0.2	567
BGD	0.0	-0.8*	-0.6*	-1.0*	-0.8*	-0.5*	-0.6*	-0.0	2104
BGR	0.0	0.4*	0.3	0.3	0.1	-0.1	0.2	-0.3+	1229
BLR	0.0	0.5*	-0.3	0.1	-0.0	0.1	-0.1	-0.0	2815
BRA	0.0	-0.6+	-0.2	-0.6+	-0.6*	-0.7*	-0.9*	-0.9*	3576
					-0.0	-0.7		-0.9	3370
CAN	0.0	-0.1	-0.1	-0.1	-0.2	-0.3*	-0.1	-0.4*	3177
CHL	0.0	0.8+	0.3	0.8	1.1*	-0.2	-0.3	-0.3	3527
CHN			0.0	0.1	-0.4	-0.4	-0.3	-0.7	2005
COL			0.0	0.5	-0.0	0.2	-0.1	-0.1	1376
DEU	0.0	-0.0	-0.0	-0.2+	-0.2*	-0.1	-0.1	-0.0	4795
DZA	0.0	1.6*	-0.6*	-0.2	-0.1	-0.4	-0.4+	-0.5	1596
ECU	0.0	-0.0	-1.0	-1.3*	-0.8*	-1.0*	-0.9*	-0.8*	1182
EGY	0.0	0.4	-0.1	-0.2	-0.2	0.3	-0.4	-0.8*	3428
ESP	0.0	-0.4+	-0.4	-0.4*	-0.2	-0.2	-0.3+	-0.3+	1487
ETH	0.0	-0.3	2.3*	0.2	-2.0*	-0.2	0.4	0.2	1017
GEO	0.0	0.1	0.2	0.1	-0.0	0.8*	0.0	0.2	2401
GHA		0.1	0.8*	0.6*	0.6*		0.3		$\frac{2401}{2572}$
HUN	0.0	0.4	0.8	-0.1	0.6* 0.2	0.5+	0.0	0.2 -0.4	2572 887
IDN	0.0	-0.2	-0.3	-0.1 -0.1	0.2	-0.1 0.2	-0.1	-0.4 -0.1	2056
	0.0				0.4				2000
IND	0.0	0.1	-0.2*	0.5*	0.4*	-0.5*	-0.4*	0.3*	5857
IRN	0.0	-0.4*	-0.5*	-0.1	0.2	-0.9	-0.7*	-0.2	2119
IRQ	0.0	-0.0	-1.0	-0.4	0.3	-0.2	-0.4	-0.1	1123
ITA	0.0	-0.5+	-0.0	-0.4	-0.5+	-0.5	-0.7*	-0.2	585
JOR	0.0	-0.0	-0.1	0.2	0.2	-0.2	0.0	-0.2	2089
KAZ	0.0	-0.5*	-0.6*	-0.3	-0.1	-0.5+	-0.4*	-0.7*	1497
KGZ	0.0	0.0	-0.3	-0.2	-0.2	0.2	0.2	-0.3*	2293
LBN	0.0	-0.5	-0.5	-0.3	0.1	-0.4	-0.2	-0.2	731
LTU	0.0	0.6	0.3	0.4	0.3	-0.4	0.4+	0.3	750
LVA	0.0	-0.2	0.3	-0.1	-0.1	-0.3	-0.5+	-0.7*	963
MAR	0.0	-0.1	-0.2	0.0	-0.0	-0.0	0.0	-0.2	845
MDA	0.0	0.4*	0.5*	0.5*	0.6*	-2.9*	0.7*	0.4*	2478
MEX	0.0	0.1	0.0	0.0	-0.0	-0.1	-0.0	-0.1	3544
MKD	0.0	0.5+	-0.3	-0.6+	-0.1	0.1	1.3*	0.1	1385
MYS	0.0	0.1	0.1	0.2	0.3	-0.1	0.1	-0.4+	1541
NGA	0.0	0.5	-0.0	0.3	0.3	0.2	0.4	0.3	4488
NZL	0.0	0.0	-0.2	0.0	-0.1	-0.0	-0.2	0.0	417
PAK	0.0	0.1	0.5	0.0	-0.1	-0.0	0.3	0.3	900
PER	0.0	-0.2	-0.5	0.0	0.1	0.4	0.4*	-0.6	1026
PHL	0.0	0.0	-0.5	-0.2	0.1	0.4	0.4	0.5	2294
POL	0.0	-0.1	0.1	-0.2 -0.1	0.5 -0.2	0.0	-0.1	-0.2	1533
ROU			-0.2	-0.1 -0.7*	-0.2	-0.5*		0.2	3568
DUC	0.0	-0.1		-0.7	-0.2		-0.2		3000
RUS	0.0	0.5*	0.4*	0.3	0.4*	0.3+	0.4*	0.4*	3253
RWA	0.0	-0.7	-1.6*	-1.2*	-1.1*	-1.4*	-1.1*	-1.0*	2398
SRB	0.0	0.2	-0.0	0.2	0.1	0.3+	0.3+	-0.3*	2539
SVN	0.0	-0.0	0.2	0.6*	0.2	-0.0	-0.0	-0.3	1620
SWE	0.0	-0.8*	-0.1	0.1	-0.0	-0.1	-0.1	-0.1	1769
THA	0.0	0.3*	0.3*	0.2	-0.2	0.0	1.0*	0.1	2178
TUN	0.0	-0.4	-0.2	-0.4	-0.1				826
UKR	0.0	0.4*	0.2	0.4*	0.0	0.2	0.1	0.1	2985
URY	0.0	-0.5+	-0.3	-0.1	0.0	-0.3	1.2*	-0.3	2017
			-0.2	-0.1	-0.1	-0.3*	-0.3+	-0.4*	3372
USA		-0.2			-0.1	-0.5	-0.0T	0.4	0014
USA	0.0	-0.2	-0.2		0.1	0.5	0.2	0.2	1947
USA UZB	0.0 0.0	0.3*	0.3	0.3	-0.1	-0.5 0.6	0.2	-0.2	1247
USA UZB VEN	0.0 0.0 0.0	0.3* 1.6	0.3 -0.9	0.3 -0.2	-0.4	-0.6	-0.9	-0.1	$1247 \\ 1034$
USA UZB VEN VNM	0.0 0.0 0.0 0.0	0.3* 1.6 0.1	0.3 -0.9 -0.0	0.3 -0.2 0.4+	-0.4 -0.1	-0.6 1.0*	-0.9 0.1	-0.1 -1.4*	1247 1034 2039
USA UZB VEN	0.0 0.0 0.0	0.3* 1.6	0.3 -0.9	0.3 -0.2	-0.4	-0.6	-0.9	-0.1	$1247 \\ 1034$

**Table 13:** exT-3

In table 8 several places appear happier like BGD, IND, LTU, PAK, ROU, and RUS, when adding more controls and full town categories that disappear except for 4 countries.

The results in table 13 are remarkable. In most countries, large cities are less happy than small settlements. Without exception, in no developed country the city is a happier place than the smallest areas.

ARG AUS 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.2 845  AUS AUS 0.0 0.0 0.3 0.2 0.4* 958  BLR 0.0 0.0 0.2 0.2 0.1 1124  BRA 0.0 0.0 0.8* 0.7* 0.0 0.8* 0.7* 0.0 0.0 0.1 0.1 0.1 1254  BRA 0.0 0.0 0.8* 0.7* 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.		-10	10-50k	50-500k	500k-	N
AZE BLR 0.0 0.0 -0.2 -0.1 0.1 1254 BRA 0.0 -0.2 -0.1 0.1 1254 CHL 0.0 0.8* -0.7* -0.5* 1155 COL 0.0 0.1 0.1 0.1 1353 DEU 0.0 0.0 0.2 0.1 0.1 1353 DEU 0.0 0.0 0.2 0.1 1353 DEU 0.0 0.0 0.2 0.1 732 ECU 0.0 0.0 0.1 0.1 0.1 0.3* 1157 GHA 0.0 0.0 0.1 0.1 0.1 0.3* 1157 GHA 0.0 0.0 0.1 0.1 0.1 0.3* 1157 GHA 0.0 0.0 0.1 0.1 0.0 11 0.1 10.3* 1157 GHA 0.0 0.0 0.1 0.1 0.0 11 0.2 1434 IND 0.0 0.0 0.2* -0.3* -0.4 2507 IRQ 0.0 0.0 0.1 0.1 -0.2 1124 KAZ 0.0 0.0 0.1 -0.2 1125 LBN 0.0 0.0 0.1 -0.1 -0.2 1125 LBN 0.0 0.0 0.3+ -0.0 0.0 1.0 0.0 1225 LBN 0.0 0.0 0.1 -0.1 -0.2 1811 MYS 0.0 0.0 0.4 0.1 -0.1 -0.2 1811 MYS 0.0 0.0 0.4 0.1 -0.2 1811 MYS 0.0 0.0 0.4 0.1 -0.1 -0.8* 390 NGA 0.0 0.0 0.4 0.1 -0.0 0.3 1576 NLD 0.0 0.0 0.4 0.1 0.0 0.3 1576 NLD 0.0 0.0 0.4 0.1 0.0 0.3 1576 NLD 0.0 0.0 0.4 0.1 0.0 0.3 1576 NLD 0.0 0.0 0.1 0.0 0.1 0.0 0.3 1576 NLD 0.0 0.0 0.1 0.0 0.0 0.3 1576 NLD 0.0 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	ARG				0.2	845
BLR O.0 O.0 O.2 O.2 O.2 O.5* I154 CHL O.0 O.8* O.7* O.0* O.0 O.2* I175 COL OL O.0 O.0 O.1 O.1 O.1 O.1 O.1 I353 DEU O.0 O.0 O.2 O.1 T32 ECU O.0 O.0 O.1 O.1 O.1 O.1 O.1 T353 DEU O.0 O.0 O.2 O.1 T32 ECU O.0 O.0 O.1 O.1 O.1 O.1 O.3* I157 GHA O.0 O.1 IND O.0 IND O.0 IND O.0 I1255 IND O.0 IND O.	AUS	0.0	0.1	0.1	-0.1	925
BRA         0.0         -0.2         -0.2         -0.5*         1154           CHL         0.0         0.8*         -0.7*         -0.5*         797           CHN         0.0         -0.2*         1175           COL         0.0         0.1         0.1         1353           DEU         0.0         -0.2*         -0.0         -0.1         1832           DZA         0.0         0.2         0.1         732         ECU         0.0         -0.7*         -0.5*         1182           GEO         0.0         0.1         0.1         0.3*         1157         GHA         0.0         0.1         -0.2         1434         1157         1158         1157         GHA         0.0         0.1         -0.2         147         1058         100         0.0         0.0         0.0         1159         102         947         102	AZE	0.0	0.3	0.2	0.4*	958
CHL         0.0         0.8*         -0.7*         -0.5*         797           CHN         0.0         -0.2*         1175           COL         0.0         0.1         0.1         0.1         1353           DEU         0.0         -0.2*         -0.0         -0.1         1832           DZA         0.0         0.2         0.1         732           ECU         0.0         -0.7*         -0.7*         -0.5*         1182           GEO         0.0         0.1         0.1         0.3*         1157           GHA         0.0         0.1         -0.2         1434           IND         0.0         0.1         -0.2         1434           IND         0.0         0.1         -0.2+         -0.4         2507           IRQ         0.0         0.1         -0.2+         -0.2         947           JOR         0.0         0.2	BLR	0.0	-0.2	-0.1	0.1	1254
CHL         0.0         0.8*         -0.7*         -0.5*         797           CHN         0.0         -0.2*         1175           COL         0.0         0.1         0.1         0.1         1353           DEU         0.0         -0.2*         -0.0         -0.1         1832           DZA         0.0         0.2         0.1         732           ECU         0.0         -0.7*         -0.7*         -0.5*         1182           GEO         0.0         0.1         0.1         0.3*         1157           GHA         0.0         0.1         -0.2         1434           IND         0.0         0.1         -0.2         1434           IND         0.0         0.1         -0.2+         -0.4         2507           IRQ         0.0         0.1         -0.2+         -0.2         947           JOR         0.0         0.2	BRA	0.0	-0.2	-0.2	-0.5*	1154
CHN         0.0         -0.2*         1175           COL         0.0         0.1         0.1         0.1         1353           DEU         0.0         -0.2*         -0.0         -0.1         1832           DZA         0.0         0.2         0.1         732           ECU         0.0         -0.7*         -0.7*         -0.5*         1182           GEO         0.0         0.1         0.1         0.3*         1157           GHA         0.0         0.1         -0.2         1434           IND         0.0         0.2*         -0.3*         -0.4         2507           IRQ         0.0         0.1         -0.2+         -0.2         947           JOR         0.0         0.1         -0.2+         1443         MC         1124           KAZ	CHL	0.0	0.8*	-0.7*	-0.5*	797
COL         0.0         0.1         0.1         0.1         1353           DEU         0.0         -0.2*         -0.0         -0.1         1832           DZA         0.0         0.2         0.1         732           ECU         0.0         -0.7*         -0.7*         -0.5*         1182           GEO         0.0         0.1         0.1         0.3*         1157           GHA         0.0         0.1         -0.2         1434           IND         0.0         0.2*         -0.3*         -0.4         2507           IRQ         0.0         0.1         -0.2+         -0.2         947           JOR         0.0         0.1         -0.2+         -0.2         947           JOR         0.0         0.1         -0.2+         -0.2         947           JOR         0.0         0.1         -0.2         1124           KAZZ         0.0         0.1         -0.2         1124           KAZZ         0.0         0.2         -0.0         -0.2+         1443           MYS         0.0         0.4         0.1         -0.8*         390           NGA         0.0	CHN			0.0		
DEU         0.0         -0.2*         -0.0         -0.1         1832           DZA         0.0         0.2         0.1         732           ECU         0.0         -0.7*         -0.7*         -0.5*         1182           GEO         0.0         0.1         0.1         0.3*         1157           GHA         0.0         0.1         -0.2         1434           IND         0.0         0.1         -0.2         1434           IND         0.0         0.1         -0.2+         -0.2         947           IRQ         0.0         0.1         -0.2+         -0.2         947           JOR         0.0         0.1         -0.2+         -0.2         947           JOR         0.0         0.1         -0.2+         -0.2         947           JOR         0.0         0.1         -0.2         1124           KAZ         0.0         0.0         -0.1         0.0         1225           LBN         0.0         0.3+         -0.0         0.3         692           MEX         0.0         0.4+         0.1         -0.8*         390           NGA         0.0	COL	0.0	0.1			1353
DZA         0.0         0.2         0.1         732           ECU         0.0         -0.7*         -0.7*         -0.5*         1182           GEO         0.0         0.1         0.1         0.3*         1157           GHA         0.0         0.1         -0.2         1434           IND         0.0         0.2*         -0.3*         -0.4         2507           IRQ         0.0         0.1         -0.2+         -0.2         947           JOR         0.0         0.1         -0.2+         -0.2         947           JOR         0.0         0.1         -0.2         947           JOR         0.0         0.1         -0.2         947           JOR         0.0         0.1         -0.2+         -0.4         2507           IRQ         0.0         0.1         -0.2         947           JOR         0.0         0.1         -0.2         947           JOR         0.0         0.1         -0.2         1124           KAZ         0.0         0.0         -0.1         -0.2         181           MEX         0.0         0.0         0.3         1576		0.0	-0.2*	-0.0	-0.1	1832
GEO 0.0 0.1 0.1 0.1 0.3* 1157 GHA 0.0 0.1 -0.2 1434 IND 0.0 0.2* -0.3* -0.4 2507 IRQ 0.0 0.1 -0.2+ -0.2 947 JOR 0.0 0.1 -0.2+ -0.2 1124 KAZ 0.0 0.0 0.1 -0.2 1124 KAZ 0.0 0.0 0.0 -0.1 0.0 1225 LBN 0.0 0.0 0.3 692 MEX 0.0 0.3+ -0.0 0.3 692 MEX 0.0 0.4 0.1 -0.1 -0.2 1811 MYS 0.0 0.4 0.1 -0.8* 390 NGA 0.0 0.3+ 0.0 0.3 1576 NLD 0.0 0.3+ 0.0 0.3 1576 NLD 0.0 0.4 0.4 0.4 0.5 1448 NZL 0.0 0.1 0.0 0.4 0.4 0.5 1448 NZL 0.0 0.1 0.0 0.4 0.4 0.5 1448 NZL 0.0 0.1 0.0 0.4 0.5 1448 NZL 0.0 0.1 0.0 0.1 0.0 408 PER 0.0 0.2 0.4* -0.7 1018 PHL 0.0 0.4 0.6 0.5 1142 POL 0.0 0.0 0.0 0.0 -0.2 793 ROU 0.0 -0.1 -0.2 0.1 1323 RUS 0.0 -0.1 -0.1 0.2 1251 SVN 0.0 0.4* -0.1 -0.5 807 SWE 0.0 0.1 0.0 0.1 981 THA 0.0 -0.5* -0.3 922 TUN 0.0 0.0 0.0 -0.2 -0.2 0.1 1308 URY 0.0 -0.2 -0.2 0.1 1308 URY 0.0 0.2 -0.2 0.1 1308 URY 0.0 0.2 0.1 10.0 1179 ZAF 0.0 0.1 0.1 179 ZAF 0.0 0.1 0.1 1478	DZA	0.0	0.2	0.1		
GEO 0.0 0.1 0.1 0.1 0.3* 1157 GHA 0.0 0.1 -0.2 1434 IND 0.0 0.2* -0.3* -0.4 2507 IRQ 0.0 0.1 -0.2+ -0.2 947 JOR 0.0 0.1 -0.2+ -0.2 1124 KAZ 0.0 0.0 0.1 -0.2 1124 KAZ 0.0 0.0 0.0 -0.1 0.0 1225 LBN 0.0 0.0 0.3 692 MEX 0.0 0.3+ -0.0 0.3 692 MEX 0.0 0.4 0.1 -0.1 -0.2 1811 MYS 0.0 0.4 0.1 -0.8* 390 NGA 0.0 0.3+ 0.0 0.3 1576 NLD 0.0 0.3+ 0.0 0.3 1576 NLD 0.0 0.4 0.4 0.4 0.5 1448 NZL 0.0 0.1 0.0 0.4 0.4 0.5 1448 NZL 0.0 0.1 0.0 0.4 0.4 0.5 1448 NZL 0.0 0.1 0.0 0.4 0.5 1448 NZL 0.0 0.1 0.0 0.1 0.0 408 PER 0.0 0.2 0.4* -0.7 1018 PHL 0.0 0.4 0.6 0.5 1142 POL 0.0 0.0 0.0 0.0 -0.2 793 ROU 0.0 -0.1 -0.2 0.1 1323 RUS 0.0 -0.1 -0.1 0.2 1251 SVN 0.0 0.4* -0.1 -0.5 807 SWE 0.0 0.1 0.0 0.1 981 THA 0.0 -0.5* -0.3 922 TUN 0.0 0.0 0.0 -0.2 -0.2 0.1 1308 URY 0.0 -0.2 -0.2 0.1 1308 URY 0.0 0.2 -0.2 0.1 1308 URY 0.0 0.2 0.1 10.0 1179 ZAF 0.0 0.1 0.1 179 ZAF 0.0 0.1 0.1 1478	ECU	0.0	-0.7*	-0.7*	-0.5*	1182
GHA         0.0         0.1         -0.2         1434           IND         0.0         0.2*         -0.3*         -0.4         2507           IRQ         0.0         0.1         -0.2+         -0.2         947           JOR         0.0         0.1         -0.2+         -0.2         947           JOR         0.0         0.1         -0.2         1124           KAZ         0.0         0.0         -0.0         -0.2+         1443           KGZ         0.0         0.0         -0.1         0.0         1225           LBN         0.0         0.3+         -0.0         0.3         692           MEX         0.0         -0.1         -0.1         -0.2         1811           MYS         0.0         0.4         0.1         -0.8*         390           NGA         0.0         0.3+         0.0         0.3         1576           NLD         0.0         0.4         0.4         0.5         1448           NZL         0.0         0.1         0.0         408           PER         0.0         0.2         0.4*         -0.7         1018           PHL	GEO	0.0	0.1	0.1	0.3*	1157
IRQ         0.0         0.1         -0.2+         -0.2         947           JOR         0.0         0.1         -0.2         1124           KAZ         0.0         0.2         -0.0         -0.2+         1443           KGZ         0.0         0.0         -0.1         0.0         1225           LBN         0.0         0.3+         -0.0         0.3         692           MEX         0.0         -0.1         -0.1         -0.2         1811           MYS         0.0         0.4         0.1         -0.8*         390           NGA         0.0         0.3+         0.0         0.3         1576           NLD         0.0         0.4         0.1         -0.8*         390           NGA         0.0         0.3+         0.0         0.3         1576           NLD         0.0         0.4         0.4         0.5         1448           NZL         0.0         0.1         0.0         408           PER         0.0         0.2         0.4*         -0.7         1018           PHL         0.0         0.4         0.6         0.5         1142           POL </td <td>GHA</td> <td>0.0</td> <td></td> <td>-0.2</td> <td></td> <td></td>	GHA	0.0		-0.2		
IRQ         0.0         0.1         -0.2+         -0.2         947           JOR         0.0         0.1         -0.2         1124           KAZ         0.0         0.2         -0.0         -0.2+         1443           KGZ         0.0         0.0         -0.1         0.0         1225           LBN         0.0         0.3+         -0.0         0.3         692           MEX         0.0         -0.1         -0.1         -0.2         1811           MYS         0.0         0.4         0.1         -0.8*         390           NGA         0.0         0.3+         0.0         0.3         1576           NLD         0.0         0.3+         0.0         0.3         1576           NLD         0.0         0.4         0.4         0.5         1448           NZL         0.0         0.1         0.0         408           PER         0.0         0.2         0.4*         -0.7         1018           PHL         0.0         0.4         0.6         0.5         1142           POL         0.0         0.0         0.0         -0.2         793           ROU <td>IND</td> <td>0.0</td> <td>0.2*</td> <td>-0.3*</td> <td>-0.4</td> <td>2507</td>	IND	0.0	0.2*	-0.3*	-0.4	2507
JOŘ         0.0         0.1         -0.2         1124           KAZ         0.0         0.2         -0.0         -0.2+         1443           KGZ         0.0         0.0         -0.1         0.0         1225           LBN         0.0         0.3+         -0.0         0.3         692           MEX         0.0         -0.1         -0.1         -0.2         1811           MYS         0.0         0.4         0.1         -0.8*         390           NGA         0.0         0.3+         0.0         0.3         1576           NLD         0.0         0.3+         0.0         0.3         1576           NLD         0.0         0.4         0.4         0.5         1448           NZL         0.0         0.1         0.0         408           PER         0.0         0.1         0.0         408           PER         0.0         0.2         0.4*         -0.7         1018           PHL         0.0         0.4         0.6         0.5         1142           POL         0.0         0.0         0.0         -0.2         793           ROU         0.0	IRO		0.1	-0.2+	-0.2	
KGZ         0.0         0.0         -0.1         0.0         1225           LBN         0.0         0.3+         -0.0         0.3         692           MEX         0.0         -0.1         -0.1         -0.2         1811           MYS         0.0         0.4         0.1         -0.8*         390           NGA         0.0         0.3+         0.0         0.3         1576           NLD         0.0         0.4         0.4         0.5         1448           NZL         0.0         0.1         0.0         408           PER         0.0         0.1         0.0         408           PER         0.0         0.2         0.4*         -0.7         1018           PHL         0.0         0.4         0.6         0.5         1142           POL         0.0         0.4         0.6         0.5         1142           POL         0.0         0.0         0.0         -0.2         793           ROU         0.0         -0.1         -0.2         0.1         1323           RUS         0.0         -0.2         0.0         0.1         1665           RWA			0.1			
LBN 0.0 0.3+ -0.0 0.3 692 MEX 0.0 -0.1 -0.1 -0.2 1811 MYS 0.0 0.4 0.1 -0.8* 390 NGA 0.0 0.3+ 0.0 0.3 1576 NLD 0.0 0.4 0.4 0.5 1448 NZL 0.0 0.1 0.0 0.4 0.5 1448 NZL 0.0 0.1 0.0 0.1 0.0 408 PER 0.0 0.2 0.4* -0.7 1018 PHL 0.0 0.4 0.6 0.5 1142 POL 0.0 0.0 0.0 0.0 0.0 -0.2 793 ROU 0.0 0.0 -0.1 -0.2 0.1 1323 RUS 0.0 -0.1 -0.2 0.1 1323 RUS 0.0 -0.1 -0.2 0.1 1665 RWA 0.0 -0.1 -0.1 0.2 1251 SVN 0.0 0.4* -0.1 -0.1 0.2 1251 SVN 0.0 0.4* -0.1 -0.5 807 SWE 0.0 0.1 0.0 0.1 981 THA 0.0 0.0 -0.5* -0.3 922 TUN 0.0 0.0 0.0 -0.2 -0.3* -0.1 1308 URY 0.0 0.2 -0.2 -0.2 0.1 1308 URY 0.0 0.2 -0.2 0.1 1308 URY 0.0 0.2 -0.2 0.1 1308 URY 0.0 0.2 -0.2 0.1 1308 ZWE 0.0 0.1 0.1 -0.1 179 ZAF 0.0 0.1 0.1 0.0 0.1 1478	KAZ	0.0	0.2	-0.0	-0.2+	1443
MEX         0.0         -0.1         -0.1         -0.2         1811           MYS         0.0         0.4         0.1         -0.8*         390           NGA         0.0         0.3+         0.0         0.3         1576           NLD         0.0         0.4         0.4         0.5         1448           NZL         0.0         0.1         0.0         408           PER         0.0         0.2         0.4*         -0.7         1018           PHL         0.0         0.4         0.6         0.5         1142           POL         0.0         0.4         0.6         0.5         1142           POL         0.0         0.0         0.0         -0.2         793           ROU         0.0         -0.1         -0.2         0.1         1323           RUS         0.0         -0.1         -0.2         0.1         1323           RUS         0.0         -0.1         -0.1         0.2         1251           SVN         0.0         0.4*         -0.1         -0.5         807           SWE         0.0         0.1         0.0         0.1         981	KGZ	0.0	0.0	-0.1	0.0	1225
MYS         0.0         0.4         0.1         -0.8*         390           NGA         0.0         0.3+         0.0         0.3         1576           NLD         0.0         0.4         0.4         0.5         1448           NZL         0.0         0.1         0.0         408           PER         0.0         0.2         0.4*         -0.7         1018           PHL         0.0         0.4         0.6         0.5         1142           POL         0.0         0.0         0.0         -0.2         793           ROU         0.0         -0.1         -0.2         0.1         1323           RUS         0.0         -0.2         0.0         0.1         1323           RWA         0.0         -0.2         0.0         0.1         1665           RWA         0.0         -0.1         -0.1         0.2         1251           SVN         0.0         0.4*         -0.1         -0.5         807           SWE         0.0         0.1         0.0         0.1         981           THA         0.0         -0.5*         -0.3         922           TUN	LBN	0.0	0.3+	-0.0	0.3	692
NGA         0.0         0.3+         0.0         0.3         1576           NLD         0.0         0.4         0.4         0.5         1448           NZL         0.0         0.1         0.0         408           PER         0.0         0.2         0.4*         -0.7         1018           PHL         0.0         0.4         0.6         0.5         1142           POL         0.0         0.0         0.0         -0.2         793           ROU         0.0         -0.1         -0.2         0.1         1323           RUS         0.0         -0.2         0.0         0.1         1365           RWA         0.0         -0.1         -0.1         0.2         1251           SVN         0.0         0.4*         -0.1         -0.5         807           SWE         0.0         0.1         0.0         0.1         981           THA         0.0         -0.5*         -0.3         922           TUN         0.0         0.0         822           UKR         0.0         -0.2         -0.3*         -0.1         1308           URY         0.0         0.2	MEX	0.0	-0.1	-0.1	-0.2	1811
NLD         0.0         0.4         0.4         0.5         1448           NZL         0.0         0.1         0.0         408           PER         0.0         0.2         0.4*         -0.7         1018           PHL         0.0         0.4         0.6         0.5         1142           POL         0.0         0.0         0.0         -0.2         793           ROU         0.0         -0.1         -0.2         0.1         1323           RUS         0.0         -0.2         0.0         0.1         1665           RWA         0.0         -0.1         -0.1         0.2         1251           SVN         0.0         0.4*         -0.1         -0.5         807           SWE         0.0         0.1         0.0         0.1         981           THA         0.0         -0.5*         -0.3         922           TUN         0.0         0.0         822           UKR         0.0         -0.2         -0.3*         -0.1         1308           URY         0.0         0.2         -0.2         0.1         1465           UZB         0.0         -0.0 <td>MYS</td> <td>0.0</td> <td>0.4</td> <td>0.1</td> <td>-0.8*</td> <td>390</td>	MYS	0.0	0.4	0.1	-0.8*	390
NZL         0.0         0.1         0.0         408           PER         0.0         0.2         0.4*         -0.7         1018           PHL         0.0         0.4         0.6         0.5         1142           POL         0.0         0.0         0.0         -0.2         793           ROU         0.0         -0.1         -0.2         0.1         1323           RUS         0.0         -0.2         0.0         0.1         1665           RWA         0.0         -0.1         -0.1         0.2         1251           SVN         0.0         0.4*         -0.1         -0.5         807           SWE         0.0         0.1         0.0         0.1         981           THA         0.0         -0.5*         -0.3         922           TUN         0.0         0.0         822           UKR         0.0         -0.2         -0.3*         -0.1         1308           URY         0.0         0.2         -0.2         0.1         465           UZB         0.0         -0.0         0.1         -0.1         1179           ZAF         0.0         0.1 <td></td> <td></td> <td>0.3+</td> <td></td> <td></td> <td>1576</td>			0.3+			1576
PER         0.0         0.2         0.4*         -0.7         1018           PHL         0.0         0.4         0.6         0.5         1142           POL         0.0         0.0         0.0         -0.2         793           ROU         0.0         -0.1         -0.2         0.1         1323           RUS         0.0         -0.2         0.0         0.1         1665           RWA         0.0         -0.1         -0.1         0.2         1251           SVN         0.0         0.4*         -0.1         -0.5         807           SWE         0.0         0.1         0.0         0.1         981           THA         0.0         -0.5*         -0.3         922           TUN         0.0         0.0         822           UKR         0.0         -0.2         -0.3*         -0.1         1308           URY         0.0         0.2         -0.2         0.1         465           UZB         0.0         -0.0         0.1         -0.1         1179           ZAF         0.0         0.1         0.0         0.1         1478					0.5	
PHL         0.0         0.4         0.6         0.5         1142           POL         0.0         0.0         0.0         -0.2         793           ROU         0.0         -0.1         -0.2         0.1         1323           RUS         0.0         -0.2         0.0         0.1         1665           RWA         0.0         -0.1         -0.1         0.2         1251           SVN         0.0         0.4*         -0.1         -0.5         807           SWE         0.0         0.1         0.0         0.1         981           THA         0.0         -0.5*         -0.3         922           TUN         0.0         0.0         822           UKR         0.0         -0.2         -0.3*         -0.1         1308           URY         0.0         0.2         -0.2         0.1         465           UZB         0.0         -0.0         0.1         -0.1         1179           ZAF         0.0         0.1         0.0         0.1         1478		0.0	0.1			408
POL         0.0         0.0         0.0         -0.2         793           ROU         0.0         -0.1         -0.2         0.1         1323           RUS         0.0         -0.2         0.0         0.1         1665           RWA         0.0         -0.1         -0.1         0.2         1251           SVN         0.0         0.4*         -0.1         -0.5         807           SWE         0.0         0.1         0.0         0.1         981           THA         0.0         -0.5*         -0.3         922           TUN         0.0         0.0         822           UKR         0.0         -0.2         -0.3*         -0.1         1308           URY         0.0         0.2         -0.2         0.1         465           UZB         0.0         -0.0         0.1         -0.1         1179           ZAF         0.0         0.2         0.1         3058           ZWE         0.0         0.1         0.0         0.1         1478						
ROU       0.0       -0.1       -0.2       0.1       1323         RUS       0.0       -0.2       0.0       0.1       1665         RWA       0.0       -0.1       -0.1       0.2       1251         SVN       0.0       0.4*       -0.1       -0.5       807         SWE       0.0       0.1       0.0       0.1       981         THA       0.0       -0.5*       -0.3       922         TUN       0.0       0.0       822         UKR       0.0       -0.2       -0.3*       -0.1       1308         URY       0.0       0.2       -0.2       0.1       465         UZB       0.0       -0.0       0.1       -0.1       1179         ZAF       0.0       0.2       0.1       3058         ZWE       0.0       0.1       0.0       0.1       1478						
RUS     0.0     -0.2     0.0     0.1     1665       RWA     0.0     -0.1     -0.1     0.2     1251       SVN     0.0     0.4*     -0.1     -0.5     807       SWE     0.0     0.1     0.0     0.1     981       THA     0.0     -0.5*     -0.3     922       TUN     0.0     0.0     822       UKR     0.0     -0.2     -0.3*     -0.1     1308       URY     0.0     0.2     -0.2     0.1     465       UZB     0.0     -0.0     0.1     -0.1     1179       ZAF     0.0     0.2     0.1     3058       ZWE     0.0     0.1     0.0     0.1     1478						
RWA     0.0     -0.1     -0.1     0.2     1251       SVN     0.0     0.4*     -0.1     -0.5     807       SWE     0.0     0.1     0.0     0.1     981       THA     0.0     -0.5*     -0.3     922       TUN     0.0     0.0     822       UKR     0.0     -0.2     -0.3*     -0.1     1308       URY     0.0     0.2     -0.2     0.1     465       UZB     0.0     -0.0     0.1     -0.1     1179       ZAF     0.0     0.2     0.1     3058       ZWE     0.0     0.1     0.0     0.1     1478						
SVN     0.0     0.4*     -0.1     -0.5     807       SWE     0.0     0.1     0.0     0.1     981       THA     0.0     -0.5*     -0.3     922       TUN     0.0     0.0     822       UKR     0.0     -0.2     -0.3*     -0.1     1308       URY     0.0     0.2     -0.2     0.1     465       UZB     0.0     -0.0     0.1     -0.1     1179       ZAF     0.0     0.2     0.1     3058       ZWE     0.0     0.1     0.0     0.1     1478						
SWE     0.0     0.1     0.0     0.1     981       THA     0.0     -0.5*     -0.3     922       TUN     0.0     0.0     822       UKR     0.0     -0.2     -0.3*     -0.1     1308       URY     0.0     0.2     -0.2     0.1     465       UZB     0.0     -0.0     0.1     -0.1     1179       ZAF     0.0     0.2     0.1     3058       ZWE     0.0     0.1     0.0     0.1     1478						
THA     0.0     -0.5*     -0.3     922       TUN     0.0     0.0     822       UKR     0.0     -0.2     -0.3*     -0.1     1308       URY     0.0     0.2     -0.2     0.1     465       UZB     0.0     -0.0     0.1     -0.1     1179       ZAF     0.0     0.2     0.1     3058       ZWE     0.0     0.1     0.0     0.1     1478						
TUN     0.0     0.0     822       UKR     0.0     -0.2     -0.3*     -0.1     1308       URY     0.0     0.2     -0.2     0.1     465       UZB     0.0     -0.0     0.1     -0.1     1179       ZAF     0.0     0.2     0.1     3058       ZWE     0.0     0.1     0.0     0.1     1478					0.1	
UKR     0.0     -0.2     -0.3*     -0.1     1308       URY     0.0     0.2     -0.2     0.1     465       UZB     0.0     -0.0     0.1     -0.1     1179       ZAF     0.0     0.2     0.1     3058       ZWE     0.0     0.1     0.0     0.1     1478				-0.3		
URY     0.0     0.2     -0.2     0.1     465       UZB     0.0     -0.0     0.1     -0.1     1179       ZAF     0.0     0.2     0.1     3058       ZWE     0.0     0.1     0.0     0.1     1478						
UZB     0.0     -0.0     0.1     -0.1     1179       ZAF     0.0     0.2     0.1     3058       ZWE     0.0     0.1     0.0     0.1     1478						
ZAF 0.0 0.2 0.1 3058 ZWE 0.0 0.1 0.0 0.1 1478						
ZWE 0.0 0.1 0.0 0.1 1478	UZB			0.1	-0.1	
	ZAF					
		0.0	0.1	0.0	0.1	1478

**Table 14:** exT4-4

	-5	5-500k	500k-	N
ARG	0.0	-0.0	0.1	845
AUS	0.0	0.0	-0.1	925
AZE	0.0	0.1	0.4*	958
BLR	0.0	-0.3*	-0.0	1254
BRA	0.0	-0.1	-0.4+	1154
CHL	0.0	-0.6*	-0.6*	797
CHN		0.0	-0.2*	1175
COL		0.0	0.0	1353
DEU	0.0	-0.2*	-0.2	1832
DZA	0.0	-0.4+		732
ECU	0.0	-0.9*	-0.8*	1182
GEO	0.0	0.2	0.4*	1157
GHA	0.0	0.2+		1434
IND	0.0	0.0	-0.4	2507
IRQ	0.0	-0.1	-0.2	947
JOŘ	0.0	-0.1		1124
KAZ	0.0	-0.0	-0.3*	1443
KGZ	0.0	-0.1	-0.0	1225
LBN	0.0	0.1	0.2	692
MEX	0.0	-0.1	-0.2+	1811
MYS	0.0	-0.5	-1.4*	390
NGA	0.0	-0.1	0.0	1576
NLD	0.0	-0.7*	-0.5+	1448
NZL	0.0	-0.0		408
PER	0.0	0.3+	-0.7	1018
PHL	0.0	0.6	0.5	1142
POL	0.0	0.0	-0.2	793
ROU	0.0	-0.2	0.0	1323
RUS	0.0	-0.1	0.0	1665
RWA	0.0	-0.6*	-0.4	1251
SVN	0.0	0.2+	-0.4	807
SWE	0.0	0.0	0.1	981
THA	0.0	-0.3*		922
TUN	0.0	0.1		822
UKR	0.0	-0.3*	-0.1	1308
URY	0.0	0.1	0.1	465
UZB	0.0	0.1	-0.1	1179
ZAF	0.0	0.3*		3058
ZWE	0.0	0.2	0.2	1478
* p < 0.05, $+ p < 0.1$ :				

**Table 15:** exT3-4

	-2k	2-5k	5-10k	10-20k	20-50k	50-100k	100-500k	500k-	N
ARG	0.0	0.6	0.0	0.2	0.3	0.0	-0.1	0.2	845
AUS	0.0	0.0	-0.2	0.2	-0.0	0.0	0.1	-0.1	925
AZE	0.0	-0.1	-0.4	-0.3	0.5	0.3	-0.0	0.4+	958
BLR	0.0	-0.4	-1.2*	-0.2	-0.3+	-0.2	-0.2+	-0.0	1254
BRA	0.0	-0.5	-0.2	-0.4	-0.6+	-0.2	-0.7*	-0.8*	1154
CHL	0.0	0.8	-0.0	1.0+	1.1*	-0.5	-0.3	-0.2	797
CHN							0.0	-0.2*	1175
COL			0.0	0.3	-0.1	0.2	-0.0	0.0	1353
DEU	0.0	0.1	-0.1	-0.2	-0.3*	-0.2	0.0	-0.1	1832
DZA	0.0		-0.6*	-0.1	-0.3	-0.4	-0.2		732
ECU	0.0	-0.2	-1.0	-1.3*	-0.9*	-1.1*	-1.0*	-0.9*	1182
GEO	0.0	-0.1	0.3	0.4	-0.0	0.7	0.1	0.3*	1157
GHA	0.0	-0.1	0.2	0.1	0.2	-0.1	0.1		1434
IND	0.0	-0.2+	-0.2	0.2*	-0.6*	-0.5*	-0.2	-0.4	2507
IRQ		0.0			0.1	-0.3	-0.2	-0.2	947
JOŘ	0.0	0.1	-0.1	0.1	-0.0	-0.3			1124
KAZ	0.0	-0.5*	-0.5*	-0.1	-0.2	-0.5	-0.4*	-0.6*	1443
KGZ	0.0	-0.1	-0.2	-0.1	0.1		-0.2	-0.0	1225
LBN	0.0	-0.3	-0.4	-0.2	0.5	-0.3	-0.2	0.0	692
MEX	0.0	0.1	-0.1	0.0	-0.2	-0.1	-0.1	-0.2	1811
MYS	0.0	-0.8	-1.7+	-0.7	-0.9	-1.1	-1.1	-1.9*	390
NGA	0.0	0.4	-0.0	0.6+	0.3	0.1	0.2	0.4	1576
NLD		0.0	-1.2*	-0.6*	-0.6*	-0.7*	-0.6*	-0.5+	1448
NZL	0.0		-0.1	0.1	-0.1	0.0	-0.0		408
PER	0.0	-0.1	-0.5	0.1	0.1	0.3	0.4*	-0.7	1018
PHL		0.0		-1.2	0.4	0.7	0.6	0.5	1142
POL	0.0	-0.1	0.1	0.7+	-0.2	0.2	-0.0	-0.2	793
ROU	0.0	-0.6	-0.6	-0.9*	-0.4	-1.0*	-0.7+	-0.5	1323
RUS	0.0	0.5*	-0.0	-0.1	-0.1	0.3	0.1	0.2	1665
RWA		0.0	-0.9*	-0.6*	-0.5*	-0.7*	-0.5*	-0.3	1251
SVN	0.0	0.4*	0.3+	1.0*	0.4+	0.5	0.0	-0.4	807
SWE	0.0	-1.4*	-0.3	-0.0	-0.1	-0.2	-0.2	-0.2	981
THA	0.0	0.2	-0.1	-0.1	-0.6*	-0.2	-1.2*		922
TUN	0.0	0.4	0.4	0.4	0.4				822
UKR	0.0	0.2	-0.1	-0.3	-0.1	-0.3	-0.2	-0.0	1308
URY	0.0	-1.6*	-1.3*	-1.0+	-1.1+	-1.5*	-0.4	-1.2*	465
UZB	0.0	0.3*	0.2	0.3	-0.0	-0.5	0.3*	0.0	1179
ZAF	0.0	-0.3	0.5+	0.2	0.2	0.1			3058
ZWE	0.0	0.2	0.4+	-0.1	0.5*	0.2	0.2	0.3	1478
* n < 0.05 + n < 0.1									

**Table 16:** exT-4