

Appendix

Figure A1 Focus on input mix contribution according to country development

Table A1 FR “33” 1970-2010

Table A2 HR “33” 1970-2010

Table A3 FR “33” 1970-1990

Table A4 HR “33” 1970-1990

Table A5 FR “33” 1990-2010

Table A6 HR “33” 1990-2010

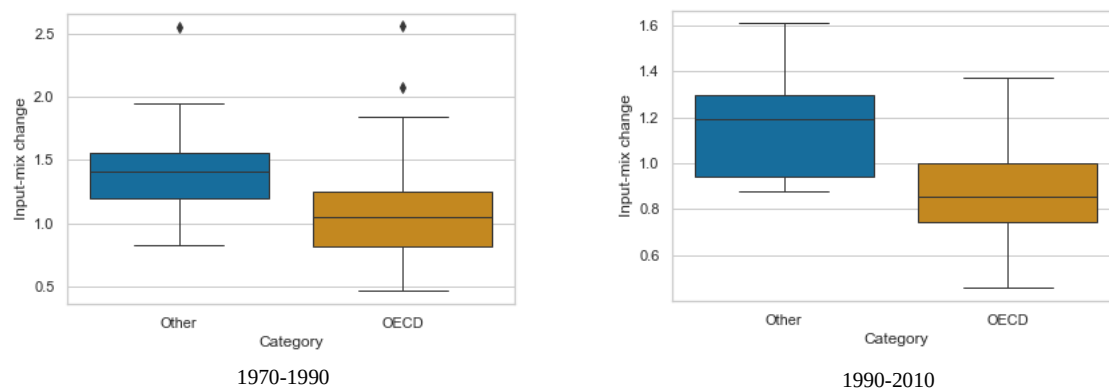
Table A7 FR “79” 1990-2010

Table A8 HR “79” 1990-2010

Table A9 HR “161” 1990-2010

Table A10 List of countries

Figure A1 Focus on Input mix contribution according to country development



Source: Author's calculations

Table A1 FR “33” 1970-2010

(33)	Δ l_high	EFA	TCA	IMA	OMA	GiA	EFF '70	EFF '10	gdp %	k %	l_low p.p.	l_high p.p.	gini p.p.
ARG	2.85	0.954	0.984	2.162	1.413	0.993	0.723	0.758	41.3	81.4	-15.8	25.9	6.4
AUS	1.507	1.075	0.795	0.97	1.874	0.97	0.995	0.925	87.4	118.3	-18	24.2	4.9
BGD	2.781	1.981	1	0.903	1.554	1	1	0.505	55.4	244.1	-25.1	13.1	4
BRA	3.164	0.782	0.979	2.198	1.88	1	0.405	0.518	88	120.6	-21.1	29	-4.5
CAN	1.499	1.129	0.766	1.008	1.721	1	0.832	0.737	72.1	104.6	-12	23.3	-0.5
CHL	2.093	0.685	0.961	1.44	2.209	1	0.627	0.916	120.9	170.3	-17.8	26.7	0.5
COL	3.974	0.687	0.989	3.514	1.664	1	0.395	0.575	66.4	42.9	-17	25.9	0.1
CRI	2.456	1.112	0.99	1.31	1.703	1	0.706	0.635	70.3	136.9	-11.1	17.7	3.1
DEU	1.015	1.137	0.724	0.596	2.071	1	0.77	0.677	107.1	123.6	-1.6	1.1	0.9
FIN	1.821	1.189	0.654	0.954	2.495	0.983	0.722	0.607	149.5	204.8	-34.1	29.2	1.8
FRA	1.798	1.28	0.609	1.136	1.966	1.033	0.804	0.628	96.6	140.7	-26.2	24.6	-3.6
GBR	0.991	1	0.511	1.026	2.09	0.905	1	1	109	101.1	0	-0.6	6.9
HUN	1.064	1.215	0.861	0.454	2.3	0.976	0.708	0.582	130	359.5	-21.4	3.4	3.4
IDN	5.562	1.013	0.985	1.451	3.843	1	0.384	0.38	284.3	439.4	-21.1	30.8	2.7
IRN	3.71	1.282	0.898	3.857	0.771	1.083	1	0.78	-22.9	72.6	-30.4	18.1	-7.6
ITA	2.698	1.364	0.587	1.626	1.967	1.053	0.809	0.593	96.7	191.8	-30.7	36.4	-5.4
JPN	1.236	1.568	0.768	0.399	2.572	1	0.989	0.631	157.2	367.5	-10.9	15.2	6.2
KOR	2.707	0.753	0.902	0.44	9.058	1	0.567	0.753	805.8	1289.8	-27.4	38.4	1.8
LKA	2.084	0.658	0.978	0.985	3.29	1	0.454	0.69	229	232.5	-20.2	20.4	10.8
MDG	3.093	1.184	1	4.895	0.534	1	0.599	0.506	-46.6	-40.4	-8.6	8.7	-0.8
MEX	5.264	1.015	0.95	4.287	1.274	1	0.624	0.615	27.4	70.8	-14.2	33.1	-4.9
MWI	4.285	1.528	1	1.93	1.453	1	0.854	0.559	45.3	135.7	-18.3	20.9	-3.8
MYS	3.736	0.742	0.965	1.275	4.094	1	0.602	0.811	309.4	457	-34.8	38	-5
NOR	1.182	1	0.609	0.773	2.576	0.974	1	1	157.6	134.1	0.3	12.2	1.2
PAK	3.821	0.753	1	2.55	1.991	1	0.563	0.747	99.1	51.8	-14	12.9	1.2
PAN	2.823	0.845	0.983	1.594	2.132	1	0.716	0.848	113.2	151.7	-14.8	28	-2.5
PER	2.775	1.013	0.99	2.302	1.202	1	0.705	0.696	20.2	51.4	-18.2	37.2	-6.2
PHL	2.478	0.984	0.991	1.822	1.395	1	0.5	0.508	39.5	68.9	-22.3	23.6	-1.9
PRT	5.244	1.307	0.702	2.455	2.377	0.98	0.658	0.504	137.7	229.4	-23.7	34.6	1.3
SWE	1.745	1.293	0.572	1.172	1.974	1.02	0.872	0.675	97.4	74.8	-31.5	29.9	-2.3
THA	4.55	0.775	0.963	1.514	4.012	1.004	0.342	0.441	301.2	340.2	-31.6	34.6	-0.8
USA	1.215	0.943	0.708	0.918	1.983	1	0.833	0.884	98.3	79.5	-8.6	11.4	5.8
VEN	2.93	1.616	0.849	2.481	0.841	1.024	0.928	0.574	-15.9	19.1	-21.3	33.1	-2.6
	Δ l_high	EFA	TCA	IMA	OMA	GiA	EFF '70	EFF '10	gdp %	k %	l_low p.p.	l_high p.p.	gini p.p.
Obs.	33	33	33	33	33	33	33	33	33	33	33	33	33
Min.	0.991	0.658	0.511	0.399	0.534	0.905	0.342	0.38	-46.6	-40.4	-34.8	-0.6	-7.6
Max.	5.562	1.981	1	4.895	9.058	1.083	1	1	805.8	1289.8	0.3	38.4	10.8
S.d.	1.278	0.3	0.155	1.093	1.458	0.027	0.196	0.156	145.8	226.8	9.2	10.7	4.3
Mean	2.732	1.087	0.855	1.709	2.251	1	0.718	0.674	125.1	192.9	-18.9	23.1	0.3
Med.	2.707	1.015	0.95	1.44	1.974	1	0.716	0.635	97.4	134.1	-18.3	24.6	0.5

Source: Author's calculations

Table A2 HR “33” 1970-2010

(33)	ΔPRO	EFA	TCA	KACA	l_lowΔ	l_highΔ	EFF '70	EFF '10	gdp %	k %	l_low p.p.	l_high p.p.
ARG	1.413	1.062	1.016	1.461	0.879	1.02	0.713	0.758	41.3	81.4	-15.8	25.9
AUS	1.874	0.988	1.221	1.697	0.835	1.096	0.936	0.925	87.4	118.3	-18	24.2
BGD	1.554	0.505	1	3.185	0.966	1	1	0.505	55.4	244.1	-25.1	13.1
BRA	1.88	1.278	1.022	1.565	0.838	1.098	0.405	0.518	88	120.6	-21.1	29
CAN	1.721	0.886	1.305	1.494	0.883	1.127	0.832	0.737	72.1	104.6	-12	23.3
CHL	2.209	1.459	1.041	1.971	0.707	1.043	0.627	0.916	120.9	170.3	-17.8	26.7
COL	1.664	1.456	1.011	1.29	0.86	1.02	0.395	0.575	66.4	42.9	-17	25.9
CRI	1.703	0.899	1.01	2.018	0.926	1.003	0.706	0.635	70.3	136.9	-11.1	17.7
DEU	2.071	0.879	1.381	1.724	0.986	1.004	0.77	0.677	107.1	123.6	-1.6	1.1
FIN	2.495	1.157	1.425	1.679	0.708	1.274	0.525	0.607	149.5	204.8	-34.1	29.2
FRA	1.966	0.963	1.535	1.337	0.748	1.331	0.652	0.628	96.6	140.7	-26.2	24.6
GBR	2.09	1	1.958	1.372	0.779	0.998	1	1	109	101.1	0	-0.6
HUN	2.3	0.865	1.148	3.389	0.674	1.014	0.674	0.582	130	359.5	-21.4	3.4
IDN	3.843	0.987	1.015	3.814	0.88	1.142	0.384	0.38	284.3	439.4	-21.1	30.8
IRN	0.771	0.78	1.113	1.18	0.549	1.37	1	0.78	-22.9	72.6	-30.4	18.1
ITA	1.967	0.821	1.645	1.319	0.671	1.646	0.722	0.593	96.7	191.8	-30.7	36.4
JPN	2.572	0.638	1.302	3.419	0.862	1.052	0.989	0.631	157.2	367.5	-10.9	15.2
KOR	9.058	1.328	1.109	6.473	0.714	1.331	0.567	0.753	805.8	1289.8	-27.4	38.4
LKA	3.29	1.521	1.023	2.555	0.828	1	0.454	0.69	229	232.5	-20.2	20.4
MDG	0.534	0.844	1	0.61	0.996	1.04	0.599	0.506	-46.6	-40.4	-8.6	8.7
MEX	1.274	0.985	1.053	1.19	0.789	1.307	0.624	0.615	27.4	70.8	-14.2	33.1
MWI	1.453	0.655	1	2.234	0.99	1.004	0.854	0.559	45.3	135.7	-18.3	20.9
MYS	4.094	1.348	1.036	3.309	0.746	1.187	0.602	0.811	309.4	457	-34.8	38
NOR	2.576	1	1.548	1.435	1.083	1.072	1	1	157.6	134.1	0.3	12.2
PAK	1.991	1.328	1	1.503	0.994	1.003	0.563	0.747	99.1	51.8	-14	12.9
PAN	2.132	1.184	1.017	1.949	0.903	1.007	0.716	0.848	113.2	151.7	-14.8	28
PER	1.202	0.987	1.01	1.368	0.881	1	0.705	0.696	20.2	51.4	-18.2	37.2
PHL	1.395	1.016	1.009	1.517	0.896	1	0.5	0.508	39.5	68.9	-22.3	23.6
PRT	2.377	1.139	1.301	1.273	0.721	1.748	0.424	0.483	137.7	229.4	-23.7	34.6
SWE	1.974	1.052	1.563	1.204	0.748	1.332	0.641	0.675	97.4	74.8	-31.5	29.9
THA	4.012	1.272	1.016	3.274	0.853	1.112	0.342	0.435	301.2	340.2	-31.6	34.6
USA	1.983	1.061	1.412	1.356	0.919	1.062	0.833	0.884	98.3	79.5	-8.6	11.4
VEN	0.841	0.652	1.164	1.072	0.758	1.364	0.881	0.574	-15.9	19.1	-21.3	33.1
	ΔPRO	EFA	TCA	KACA	l_lowΔ	l_highΔ	EFF '70	EFF '10	gdp %	k %	l_low p.p.	l_high p.p.
Obs.	33	33	33	33	33	33	33	33	33	33	33	33
Min.	0.534	0.505	1	0.61	0.549	0.998	0.342	0.38	-46.6	-40.4	-34.8	-0.6
Max.	9.058	1.521	1.958	6.473	1.083	1.748	1	1	805.8	1289.8	0.3	38.4
S.d.	1.458	0.247	0.24	1.129	0.115	0.188	0.197	0.157	145.8	226.8	9.2	10.7
Mean	2.251	1.03	1.194	2.007	0.836	1.146	0.686	0.674	125.1	192.9	-18.9	23.1
Med.	1.974	1	1.053	1.517	0.853	1.062	0.674	0.635	97.4	134.1	-18.3	24.6

Source: Author's calculations

Table A3 FR “33” 1970-1990

(33)	Δ l_high	EFA	TCA	IMA	OMA	GiA	EFF '70	EFF '90	gdp %	k %	l_low p.p.	l_high p.p.	gini p.p.
ARG	1.797	1.436	0.999	1.473	0.89	0.955	0.723	0.504	-11	46.7	-8.4	11.1	6.37
AUS	1.299	1.021	0.973	1.037	1.278	0.987	0.995	0.975	27.8	47.8	-13.3	14.3	2.17
BGD	1.567	1.622	1	1.039	0.93	1	1	0.617	-7	61.5	-14.2	4.2	0.97
BRA	2.316	1.01	0.998	1.508	1.53	0.996	0.405	0.401	53	95.6	-4.7	17.6	2.1
CAN	1.37	1.01	0.925	1.064	1.36	1.014	0.832	0.824	36	54.2	-8	17.3	-3.47
CHL	1.526	0.76	1	1.839	1.092	1	0.627	0.826	9.2	14.7	-11.3	12.9	2.9
COL	2.344	0.918	1	1.946	1.311	1	0.395	0.43	31.1	31.4	-8.9	11.7	0.63
CRI	1.786	1.276	1	1.213	1.154	1	0.706	0.553	15.4	48.2	-6.1	9.5	-1.27
DEU	0.957	1.025	0.898	0.686	1.515	1	0.77	0.751	51.5	61.6	-1.6	-3.1	-1.77
FIN	1.609	1.093	0.781	1.021	1.782	1.035	0.722	0.66	78.2	119.4	-22.4	21.7	-2.57
FRA	1.411	1.083	0.735	1.112	1.531	1.041	0.804	0.742	53.1	76.6	-16.9	12.7	-3.4
GBR	1.012	1	0.709	1.013	1.54	0.915	1	1	54	57.6	0	0.8	6.43
HUN	1.292	1.019	0.992	0.721	1.818	0.976	0.708	0.694	81.8	218.2	-17.6	15.6	3.1
IDN	3.326	1.104	1	1.341	2.245	1	0.384	0.348	124.5	154	-3.4	15.7	-0.73
IRN	2.554	1.614	0.913	2.544	0.66	1.032	1	0.62	-34	81.7	-17.2	10.4	-3.17
ITA	1.869	1.018	0.749	1.415	1.615	1.073	0.809	0.794	61.5	101.6	-18.5	18.7	-7.13
JPN	1.101	1.191	0.989	0.466	2.01	0.998	0.989	0.831	101	196.8	-7.5	6.5	3.47
KOR	2.008	0.7	1	0.791	3.622	1	0.567	0.81	262.2	309.1	-17.1	22.7	-2.4
LKA	1.386	1.13	1	0.821	1.493	1	0.454	0.402	49.3	75.3	-14.1	7.3	5.13
MDG	2.435	1.09	1	3.378	0.661	1	0.599	0.55	-33.9	-31.2	-11.7	5.9	0.77
MEX	3.148	1.034	0.986	2.555	1.208	1	0.624	0.604	20.8	46.9	-3.9	16.7	-5.33
MWI	2.479	2.177	1	1.002	1.136	1	0.854	0.392	13.6	159.8	-4.8	9.4	2.2
MYS	2.571	1.005	1	1.109	2.308	1	0.602	0.599	130.8	202.9	-18.5	21.8	-2.6
NOR	1.107	1	0.734	0.824	1.804	1.015	1	1	80.4	82.7	0.2	7.2	-0.67
PAK	2.086	0.873	1	1.504	1.589	1	0.563	0.645	58.9	39.6	-4.9	5	1.23
PAN	1.584	1.096	1	1.235	1.171	1	0.716	0.654	17.1	44.2	-14.6	9	0.23
PER	1.772	1.508	1	1.635	0.719	1	0.705	0.467	-28.1	8.8	-11.3	16.2	-0.43
PHL	1.824	1.396	1	1.18	1.107	1	0.5	0.359	10.7	55.9	-9.8	13.1	-0.97
PRT	3.041	0.986	0.85	2.077	1.791	0.976	0.658	0.668	79.1	105.2	-7	16.7	1.3
SWE	1.689	1.464	0.619	1.199	1.445	1.075	0.872	0.596	44.5	62.5	-19.1	27.6	-6.23
THA	2.781	1.101	0.998	1.195	2.147	0.987	0.342	0.31	114.7	153	-11.7	17.3	1.97
USA	1.292	0.909	0.907	1.059	1.481	1	0.833	0.917	48.1	39.8	-6.5	15.5	3.6
VEN	1.885	1.823	0.804	1.567	0.814	1.009	0.928	0.509	-18.6	37.1	-13.5	15.2	-0.93
	Δ l_high	EFA	TCA	IMA	OMA	GiA	EFF '70	EFF '90	gdp %	k %	l_low p.p.	l_high p.p.	gini p.p.
Obs.	33	33	33	33	33	33	33	33	33	33	33	33	33
Min.	0.957	0.7	0.619	0.466	0.66	0.915	0.342	0.31	-34	-31.2	-22.4	-3.1	-7.1
Max.	3.326	2.177	1	3.378	3.622	1.075	1	1	262.2	309.1	0.2	27.6	6.4
S.d.	0.626	0.306	0.109	0.596	0.573	0.028	0.196	0.192	57.3	68.8	5.9	6.5	3.3
Mean	1.886	1.166	0.926	1.351	1.478	1.002	0.718	0.638	47.8	86.6	-10.6	12.9	0
Med.	1.786	1.083	0.998	1.195	1.481	1	0.716	0.62	48.1	61.6	-11.3	13.1	0.2

Source: Author's calculations

Table A4 HR “33” 1970-1990

(33)	ΔPRO	EFA	TCA	KACA	l_lowΔ	l_highΔ	EFF '70	EFF '90	gdp %	k %	l_low p.p.	l_high p.p.
ARG	0.89	0.706	1	1.33	0.948	1	0.713	0.504	-11	46.7	-8.4	11.1
AUS	1.278	1.041	1	1.347	0.868	1.049	0.936	0.975	27.8	47.8	-13.3	14.3
BGD	0.93	0.617	1	1.544	0.976	1	1	0.617	-7	61.5	-14.2	4.2
BRA	1.53	0.99	1	1.539	0.974	1.032	0.405	0.401	53	95.6	-4.7	17.6
CAN	1.36	0.99	1.077	1.296	0.915	1.075	0.832	0.824	36	54.2	-8	17.3
CHL	1.092	1.316	1	1.077	0.77	1	0.627	0.826	9.2	14.7	-11.3	12.9
COL	1.311	1.089	1	1.258	0.958	1	0.395	0.43	31.1	31.4	-8.9	11.7
CRI	1.154	0.784	1	1.475	0.998	1	0.706	0.553	15.4	48.2	-6.1	9.5
DEU	1.515	0.975	1.104	1.444	0.984	0.989	0.77	0.751	51.5	61.6	-1.6	-3.1
FIN	1.782	1.167	1.153	1.437	0.795	1.159	0.525	0.612	78.2	119.4	-22.4	21.7
FRA	1.531	1.117	1.262	1.132	0.818	1.173	0.652	0.729	53.1	76.6	-16.9	12.7
GBR	1.54	1	1.411	1.228	0.887	1.002	1	1	54	57.6	0	0.8
HUN	1.818	1.031	1	2.45	0.72	1	0.674	0.694	81.8	218.2	-17.6	15.6
IDN	2.245	0.903	1	2.49	0.999	1	0.384	0.347	124.5	154	-3.4	15.7
IRN	0.66	0.62	1.095	1.123	0.722	1.2	1	0.62	-34	81.7	-17.2	10.4
ITA	1.615	1.1	1.296	1.093	0.771	1.344	0.722	0.794	61.5	101.6	-18.5	18.7
JPN	2.01	0.84	1.009	2.593	0.895	1.022	0.989	0.831	101	196.8	-7.5	6.5
KOR	3.622	1.428	1	2.954	0.859	1	0.567	0.81	262.2	309.1	-17.1	22.7
LKA	1.493	0.885	1	1.72	0.981	1	0.454	0.402	49.3	75.3	-14.1	7.3
MDG	0.661	0.918	1	0.699	0.997	1.035	0.599	0.55	-33.9	-31.2	-11.7	5.9
MEX	1.208	0.967	1.014	1.113	0.938	1.18	0.624	0.604	20.8	46.9	-3.9	16.7
MWI	1.136	0.459	1	2.46	0.998	1.008	0.854	0.392	13.6	159.8	-4.8	9.4
MYS	2.308	0.995	1	2.641	0.878	1	0.602	0.599	130.8	202.9	-18.5	21.8
NOR	1.804	1	1.275	1.267	1.071	1.042	1	1	80.4	82.7	0.2	7.2
PAK	1.589	1.145	1	1.382	0.998	1.005	0.563	0.645	58.9	39.6	-4.9	5
PAN	1.171	0.913	1	1.361	0.943	1	0.716	0.654	17.1	44.2	-14.6	9
PER	0.719	0.663	1	1.088	0.997	1	0.705	0.467	-28.1	8.8	-11.3	16.2
PHL	1.107	0.717	1	1.551	0.997	1	0.5	0.359	10.7	55.9	-9.8	13.1
PRT	1.791	1.278	1.088	1.063	0.907	1.336	0.424	0.542	79.1	105.2	-7	16.7
SWE	1.445	0.862	1.35	1.137	0.838	1.304	0.641	0.553	44.5	62.5	-19.1	27.6
THA	2.147	0.865	1	2.49	0.997	1	0.342	0.296	114.7	153	-11.7	17.3
USA	1.481	1.101	1.103	1.214	0.934	1.075	0.833	0.917	48.1	39.8	-6.5	15.5
VEN	0.814	0.578	1.232	1.057	0.818	1.323	0.881	0.509	-18.6	37.1	-13.5	15.2
	ΔPRO	EFA	TCA	KACA	l_lowΔ	l_highΔ	EFF '70	EFF '90	gdp %	k %	l_low p.p.	l_high p.p.
Obs.	33	33	33	33	33	33	33	33	33	33	33	33
Min.	0.66	0.459	1	0.699	0.72	0.989	0.342	0.296	-34	-31.2	-22.4	-3.1
Max.	3.622	1.428	1.411	2.954	1.071	1.344	1	1	262.2	309.1	0.2	27.6
S.d.	0.573	0.215	0.118	0.574	0.089	0.111	0.197	0.193	57.3	68.8	5.9	6.5
Mean	1.478	0.941	1.075	1.547	0.914	1.071	0.686	0.63	47.8	86.6	-10.6	12.9
Med.	1.481	0.975	1	1.347	0.938	1.005	0.674	0.612	48.1	61.6	-11.3	13.1

Source: Author's calculations

Table A5 FR “33” 1990-2010

(33)	Δ l_high	EFA	TCA	IMA	OMA	GiA	EFF '90	EFF '10		gdp %	k %	l_low p.p.	l_high p.p.	gini p.p.
ARG	1.586	0.888	0.891	1.263	1.588	1	0.861	0.97		58.8	23.6	-7.3	14.7	0.03
AUS	1.16	1.075	0.908	0.81	1.466	1	1	0.93		46.6	47.7	-4.7	9.9	2.77
BGD	1.775	1.468	0.868	0.833	1.672	1	0.999	0.68		67.2	113	-10.9	8.9	3.07
BRA	1.367	1.032	0.899	1.194	1.229	1.005	0.654	0.634		22.9	12.8	-16.4	11.4	-6.57
CAN	1.094	1.143	0.902	0.84	1.265	0.999	0.848	0.742		26.5	32.7	-3.9	6	2.97
CHL	1.372	1.041	0.929	0.698	2.022	1.005	1	0.961		102.2	135.6	-6.5	13.9	-2.43
COL	1.695	1.013	0.91	1.449	1.269	1	0.787	0.776		26.9	8.7	-8.1	14.2	-0.5
CRI	1.375	1.112	0.914	0.925	1.475	0.992	0.989	0.889		47.5	59.8	-5	8.1	4.33
DEU	1.061	1.115	0.898	0.775	1.367	1	0.76	0.682		36.7	38.4	0	4.1	2.7
FIN	1.132	1.105	0.841	0.874	1.4	0.996	0.678	0.614		40	38.9	-11.7	7.5	4.33
FRA	1.275	1.307	0.757	1.003	1.284	1	0.861	0.659		28.4	36.3	-9.3	12	-0.17
GBR	0.98	1	0.726	1	1.357	0.994	1	1		35.7	27.6	0	-1.5	0.47
HUN	0.823	1.219	0.907	0.589	1.265	1	0.712	0.584		26.5	44.4	-3.8	-12.2	0.3
IDN	1.672	1.283	0.881	0.878	1.712	0.985	0.637	0.496		71.2	112.4	-17.7	15.1	3.47
IRN	1.452	1.13	0.854	1.283	1.168	1.005	1	0.885		16.8	-5	-13.2	7.7	-4.47
ITA	1.443	1.554	0.757	1.008	1.218	0.999	0.95	0.611		21.8	44.7	-12.2	17.8	1.77
JPN	1.123	1.341	0.902	0.726	1.28	1	0.846	0.631		28	57.5	-3.4	8.7	2.7
KOR	1.348	1.308	0.905	0.458	2.501	0.995	1	0.765		150.1	239.7	-10.2	15.7	4.17
LKA	1.503	0.845	0.921	0.877	2.203	1	0.666	0.788		120.3	89.7	-6.2	13.1	5.63
MDG	1.27	1.236	0.878	1.452	0.807	1	0.89	0.72		-19.3	-13.5	3.1	2.7	-1.53
MEX	1.672	1.294	0.895	1.37	1.054	1	0.928	0.717		5.4	16.2	-10.3	16.4	0.47
MWI	1.729	0.817	0.868	1.905	1.279	1	0.648	0.793		27.9	-9.2	-13.5	11.5	-6
MYS	1.453	1.023	0.897	0.889	1.774	1.004	0.883	0.863		77.4	83.9	-16.3	16.2	-2.43
NOR	1.068	1	0.819	0.951	1.428	0.96	1	1		42.8	28.1	0.1	5	1.9
PAK	1.831	1	0.913	1.602	1.253	1	1	1		25.3	8.8	-9.1	7.9	-0.03
PAN	1.782	1	0.904	1.076	1.821	1.006	1	1		82.1	74.5	-0.2	19.1	-2.77
PER	1.566	0.872	0.901	1.191	1.672	1	0.787	0.902		67.2	39.1	-6.9	21	-5.8
PHL	1.359	0.926	0.892	1.303	1.26	1.002	0.618	0.668		26	8.3	-12.5	10.4	-0.9
PRT	1.724	1.662	0.772	1.012	1.327	1	0.97	0.584		32.7	60.5	-16.6	18	0
SWE	1.033	0.884	0.874	0.98	1.366	0.998	0.6	0.679		36.6	7.5	-12.4	2.3	3.93
THA	1.636	0.988	0.89	0.989	1.869	1.007	0.567	0.573		86.9	74	-19.9	17.2	-2.73
USA	0.941	1.047	0.899	0.747	1.339	1	0.931	0.89		33.9	28.4	-2.1	-4.1	2.23
VEN	1.554	1.097	0.854	1.608	1.033	1	0.672	0.613		3.3	-13.2	-7.8	17.9	-1.63
	Δ l_high	EFA	TCA	IMA	OMA	GiA	EFF '90	EFF '10		gdp %	k %	l_low p.p.	l_high p.p.	gini p.p.
Obs.	33	33	33	33	33	33	33	33		33	33	33	33	33
Min.	0.823	0.817	0.726	0.458	0.807	0.96	0.567	0.496		-19.3	-13.5	-19.9	-12.2	-6.6
Max.	1.831	1.662	0.929	1.905	2.501	1.007	1	1		150.1	239.7	3.1	21	5.6
S.d.	0.275	0.198	0.05	0.313	0.341	0.008	0.147	0.149		34.1	49.9	5.7	7.1	3.2
Mean	1.39	1.116	0.873	1.047	1.455	0.999	0.841	0.767		45.5	47	-8.3	10.2	0.3
Med.	1.375	1.075	0.895	0.989	1.357	1	0.861	0.742		35.7	38.4	-8.1	11.4	0.3

Source: Author's calculations

Table A6 HR “33” 1990-2010

(33)	ΔPRO	EFA	TCA	KACA	l_lowΔ	l_highΔ	EFF '90	EFF '10	gdp %	k %	l_low p.p.	l_high p.p.
ARG	1.588	1.136	1.086	1.172	0.989	1.11	0.85	0.966	58.8	23.6	-7.3	14.7
AUS	1.466	0.93	1.101	1.459	0.98	1.001	1	0.93	46.6	47.7	-4.7	9.9
BGD	1.672	0.681	1.152	2.095	1	1.017	0.999	0.68	67.2	113	-10.9	8.9
BRA	1.229	0.969	1.094	1.099	0.989	1.066	0.654	0.634	22.9	12.8	-16.4	11.4
CAN	1.265	0.877	1.108	1.313	0.989	1.003	0.845	0.742	26.5	32.7	-3.9	6
CHL	2.022	0.961	1.076	2.095	0.929	1.005	1	0.961	102.2	135.6	-6.5	13.9
COL	1.269	0.987	1.08	1.063	0.988	1.133	0.787	0.776	26.9	8.7	-8.1	14.2
CRI	1.475	0.927	1.062	1.414	0.993	1.067	0.959	0.889	47.5	59.8	-5	8.1
DEU	1.367	0.897	1.113	1.352	1	1.013	0.76	0.682	36.7	38.4	0	4.1
FIN	1.4	0.916	1.194	1.227	0.988	1.056	0.67	0.614	40	38.9	-11.7	7.5
FRA	1.284	0.772	1.315	1.07	0.994	1.188	0.853	0.659	28.4	36.3	-9.3	12
GBR	1.357	1	1.377	1.12	0.884	0.995	1	1	35.7	27.6	0	-1.5
HUN	1.265	0.82	1.103	1.433	0.975	1	0.712	0.584	26.5	44.4	-3.8	-12.2
IDN	1.712	0.857	1.058	1.783	0.978	1.083	0.575	0.493	71.2	112.4	-17.7	15.1
IRN	1.168	0.885	1.172	0.976	0.987	1.168	1	0.885	16.8	-5	-13.2	7.7
ITA	1.218	0.648	1.316	1.054	0.992	1.366	0.943	0.611	21.8	44.7	-12.2	17.8
JPN	1.28	0.746	1.109	1.565	0.988	1.001	0.846	0.631	28	57.5	-3.4	8.7
KOR	2.501	0.809	1.086	3.038	0.929	1.009	0.945	0.765	150.1	239.7	-10.2	15.7
LKA	2.203	1.184	1.085	1.745	0.965	1.018	0.666	0.788	120.3	89.7	-6.2	13.1
MDG	0.807	0.809	1.139	0.87	1	1.006	0.89	0.72	-19.3	-13.5	3.1	2.7
MEX	1.054	0.773	1.11	1.124	0.99	1.104	0.928	0.717	5.4	16.2	-10.3	16.4
MWI	1.279	1.224	1.152	0.908	1	1	0.648	0.793	27.9	-9.2	-13.5	11.5
MYS	1.774	1.028	1.087	1.657	0.93	1.03	0.84	0.863	77.4	83.9	-16.3	16.2
NOR	1.428	1	1.221	1.12	1.017	1.027	1	1	42.8	28.1	0.1	5
PAK	1.253	1	1.096	1.066	0.98	1.094	1	1	25.3	8.8	-9.1	7.9
PAN	1.821	1	1.089	1.567	0.999	1.068	1	1	82.1	74.5	-0.2	19.1
PER	1.672	1.146	1.096	1.358	0.98	1	0.787	0.902	67.2	39.1	-6.9	21
PHL	1.26	1.107	1.097	1.076	0.964	1	0.603	0.668	26	8.3	-12.5	10.4
PRT	1.327	0.63	1.254	1.036	0.99	1.638	0.926	0.584	32.7	60.5	-16.6	18
SWE	1.366	1.131	1.153	1.045	0.991	1.011	0.6	0.679	36.6	7.5	-12.4	2.3
THA	1.869	1.056	1.07	1.517	0.984	1.108	0.537	0.567	86.9	74	-19.9	17.2
USA	1.339	0.955	1.113	1.271	0.994	0.997	0.931	0.89	33.9	28.4	-2.1	-4.1
VEN	1.033	0.912	1.167	0.9	0.992	1.088	0.672	0.613	3.3	-13.2	-7.8	17.9
	ΔPRO	EFA	TCA	KACA	l_lowΔ	l_highΔ	EFF '90	EFF '10	gdp %	k %	l_low p.p.	l_high p.p.
Obs.	33	33	33	33	33	33	33	33	33	33	33	33
Min.	0.807	0.63	1.058	0.87	0.884	0.995	0.537	0.493	-19.3	-13.5	-19.9	-12.2
Max.	2.501	1.224	1.377	3.038	1.017	1.638	1	1	150.1	239.7	3.1	21
S.d.	0.341	0.149	0.077	0.433	0.026	0.125	0.148	0.149	34.1	49.9	5.7	7.1
Mean	1.455	0.933	1.137	1.351	0.98	1.075	0.831	0.766	45.5	47	-8.3	10.2
Med.	1.357	0.93	1.108	1.227	0.989	1.027	0.85	0.742	35.7	38.4	-8.1	11.4

Source: Author's calculations

Table A7 FR “79” 1990-2010

	Δ l_high	EFA	TCA	IMA	OMA	GiA	EFF '90	EFF '10	gdp %	k %	l_low p.p.	l_high p.p.	gini p.p.
ARG	1.586	0.841	0.944	1.258	1.588	1	0.75	0.892	58.8	23.6	-7.3	14.7	0.03
ARM	0.749	0.835	0.739	0.728	1.671	0.999	0.835	1	67.1	85.6	-4.1	-19	1.07
AUS	1.16	1	0.826	0.982	1.466	0.976	1	1	46.6	47.7	-4.7	9.9	2.77
AUT	1.218	0.992	0.82	1.104	1.397	0.971	0.838	0.845	39.7	43.6	-7.8	12.3	3.27
BEL	1.264	1.066	0.799	1.112	1.36	0.981	0.903	0.847	36	33.5	-7.1	11.8	2.43
BGR	0.996	1.357	0.875	0.58	1.457	0.992	1	0.737	45.7	186.5	-2.7	-0.3	3.07
BLR	1.05	0.847	0.658	1.03	1.816	1.006	0.847	1	81.6	46	-11	3.2	-0.6
BOL	1.7	0.906	1	1.401	1.334	1.003	0.564	0.623	33.4	25.8	-12.6	21.2	-1.08
BRA	1.367	0.975	0.943	1.177	1.229	1.027	0.596	0.612	22.9	12.8	-16.4	11.4	-6.57
CAN	1.094	1.099	0.815	1.009	1.265	0.957	0.948	0.863	26.5	32.7	-3.9	6	2.97
CHE	1.03	1	0.833	1.036	1.157	1.032	1	1	15.7	12.4	-3.9	2.2	-1.77
CHL	1.372	1.015	0.818	0.817	2.022	1	0.826	0.815	102.2	135.6	-6.5	13.9	-2.43
CHN	1.253	0.885	0.929	0.404	3.886	0.973	0.429	0.485	288.6	443.9	-20.3	12	9.23
COL	1.695	0.979	0.973	1.4	1.269	1.002	0.639	0.653	26.9	8.7	-8.1	14.2	-0.5
CRI	1.375	0.973	0.961	1.026	1.475	0.972	0.751	0.771	47.5	59.8	-5	8.1	4.33
CZE	0.91	1.043	0.846	0.82	1.317	0.955	0.725	0.695	31.7	22.5	-0.2	-6.8	4.7
DEU	1.061	1.094	0.822	0.897	1.367	0.962	0.958	0.876	36.7	38.4	0	4.1	2.7
DNK	1.01	1	0.821	0.961	1.34	0.956	1	1	34	25.3	0	0.8	2.17
DOM	1.647	0.863	0.945	1.047	1.932	0.998	0.56	0.649	93.2	115.4	-8.8	14.8	0.27
DZA	1.867	1.233	0.945	1.597	0.995	1.009	1	0.811	-0.5	-21.6	-8	13.3	-3.1
ECU	1.616	1.007	0.959	1.452	1.14	1.011	0.514	0.511	14	-16.7	-6.9	14	-2.73
EGY	2.143	1	0.892	1.598	1.527	0.984	1	1	52.7	78.9	-9.3	16.3	3.37
ESP	1.481	1.315	0.846	0.991	1.346	0.997	0.926	0.704	34.6	68.5	-9.4	16.7	1.97
EST	0.801	1.112	0.829	0.59	1.499	0.984	0.64	0.576	49.9	76.6	-2.8	-14.7	3.3
FIN	1.132	1.038	0.856	0.989	1.4	0.919	0.865	0.833	40	38.9	-11.7	7.5	4.33
FJI	1.3	1.076	0.861	1.284	1.078	1.013	0.632	0.587	7.8	9.8	-13.6	9.8	-2.53
FRA	1.275	1.159	0.848	1.009	1.284	1.001	0.947	0.817	28.4	36.3	-9.3	12	-0.17
GBR	0.98	1	0.735	0.988	1.357	0.994	1	1	35.7	27.6	0	-1.5	0.47
GEO	0.653	1.095	0.758	0.915	0.86	1	0.935	0.854	-14	26.3	-5.9	-25.4	6.73
GHA	1.266	0.767	0.933	1.208	1.488	0.984	0.211	0.275	48.8	-1.8	-10.6	8.2	2.9
GRC	1.559	1.23	0.866	1.066	1.369	1.002	0.76	0.618	36.9	35.7	-13.7	18.6	-1.5
GTM	1.993	1.305	0.985	1.299	1.187	1.006	0.843	0.646	18.7	11.2	-6.6	11	-1.67
HND	2.447	1.776	1	1.246	1.106	1	0.811	0.457	10.6	23.7	9.2	10.6	0.7
HRV	0.986	1.164	0.827	0.822	1.24	1.005	0.715	0.615	24	57.3	-8.2	-0.8	-1.03
HUN	0.823	1.051	0.82	0.756	1.265	0.999	0.703	0.669	26.5	44.4	-3.8	-12.2	0.3
IDN	1.672	1.049	0.947	1.008	1.712	0.975	0.488	0.465	71.2	112.4	-17.7	15.1	3.47
IND	1.425	0.837	0.963	0.852	2.127	0.976	0.343	0.41	112.7	117.2	-17.9	8.8	6.3
IRL	1.381	0.948	0.83	0.943	1.852	1.005	0.948	1	85.2	82.7	-10.3	14.7	-3.1
IRN	1.452	1.07	0.927	1.248	1.168	1.004	1	0.934	16.8	-5	-13.2	7.7	-4.47
ISR	1.601	1.066	0.89	1.191	1.444	0.981	0.922	0.865	44.4	29.7	-13.9	22.6	5.1
ITA	1.443	1.313	0.803	1.127	1.218	0.997	1	0.762	21.8	44.7	-12.2	17.8	1.77
JOR	1.487	0.999	0.917	1.305	1.24	1.003	0.826	0.827	24	-0.5	-1.9	9.3	-2.9
JPN	1.123	1.056	0.842	1.011	1.28	0.977	0.96	0.909	28	57.5	-3.4	8.7	2.7
KAZ	1.049	0.947	0.71	1.108	1.408	1	0.932	0.984	40.8	21.1	-6.4	3.2	-0.93
KGZ	1.008	1.133	1	1.265	0.704	1	1	0.883	-29.6	-7	-5.2	0.5	1.87
KOR	1.348	1.055	0.881	0.596	2.501	0.973	0.842	0.797	150.1	239.7	-10.2	15.7	4.17
LKA	1.503	0.786	0.824	1.054	2.203	1	0.454	0.577	120.3	89.7	-6.2	13.1	5.63
LTU	1.061	1.255	0.839	0.788	1.296	0.987	0.85	0.677	29.6	68.6	-5.9	3.2	5.23
LVA	1.049	1.365	0.77	0.877	1.148	0.99	0.591	0.433	14.8	39.7	-0.6	2.7	7.77

Table A7 FR “79” 1990-2010 (Continued)

	Δ l_high	EFA	TCA	IMA	OMA	GiA	EFF '90	EFF '10		gdp %	k %	l_low p.p.	l_high p.p.	gini p.p.
MAR	2.416	1.478	0.991	1.162	1.42	1	0.826	0.559		42	49.6	-1.9	10	0.57
MEX	1.672	1.278	0.943	1.319	1.054	0.998	0.883	0.691		5.4	16.2	-10.3	16.4	0.47
MUS	1.548	0.837	0.924	1.018	1.963	1.001	0.586	0.699		96.3	73.5	-9.6	11.4	-0.23
MYS	1.453	0.909	0.906	0.984	1.774	1.011	0.705	0.776		77.4	83.9	-16.3	16.2	-2.43
NGA	2.167	0.79	0.969	1.689	1.673	1.002	0.526	0.666		67.3	-26.9	-13.2	12.7	-0.47
NLD	1.297	0.945	0.87	1.08	1.459	1.001	0.842	0.891		45.9	35.7	-3.2	16.2	-0.13
NZL	1.263	1.015	0.919	1	1.361	0.994	1	0.985		36.1	36.8	-7.1	14.2	1.87
PAK	1.831	1.109	0.976	1.35	1.253	1	0.738	0.666		25.3	8.8	-9.1	7.9	-0.03
PAN	1.782	0.914	0.915	1.163	1.821	1.006	0.79	0.865		82.1	74.5	-0.2	19.1	-2.77
PER	1.566	0.818	0.883	1.26	1.672	1.029	0.493	0.603		67.2	39.1	-6.9	21	-5.8
PHL	1.359	0.956	0.889	1.26	1.26	1.008	0.435	0.456		26	8.3	-12.5	10.4	-0.9
POL	0.926	1	0.732	0.68	1.902	0.978	1	1		90.2	92.5	-1.2	-4.3	4.27
PRT	1.724	1.45	0.874	1.025	1.327	1	0.993	0.685		32.7	60.5	-16.6	18	0
PRY	1.695	1.091	0.951	1.429	1.163	0.983	0.581	0.533		16.3	8.2	-10.9	13.6	2.6
ROU	0.659	1.148	0.811	0.531	1.486	0.896	0.731	0.637		48.6	63.7	-14.8	-29.8	9.93
RUS	0.985	0.933	0.821	1.251	1.03	0.998	0.732	0.784		3	-6	-9.6	-1	6.5
SLV	1.92	0.947	0.949	1.389	1.466	1.049	0.549	0.58		46.6	71.9	-7	15.4	-4.93
SVK	0.765	1.03	0.784	0.65	1.525	0.956	0.793	0.769		52.5	31.3	-0.9	-16.7	7.4
SVN	0.855	0.956	0.842	0.722	1.51	0.974	0.659	0.689		51	57.8	-2.8	-11.2	1.37
SWE	1.033	0.944	0.83	1.072	1.366	0.901	0.886	0.939		36.6	7.5	-12.4	2.3	3.93
SWZ	1.677	1.305	0.963	1.178	1.133	1	0.781	0.598		13.3	0.1	-11.6	7.3	4.75
THA	1.636	0.847	0.946	1.077	1.869	1.014	0.467	0.551		86.9	74	-19.9	17.2	-2.73
TJK	0.765	1.141	0.722	1.884	0.493	1	0.262	0.23		-50.7	-60.3	-6.3	-14.7	6.17
TUN	2.389	1.225	0.94	1.31	1.585	1	0.739	0.604		58.5	23.5	-9.3	14.5	-2.1
TUR	1.51	1.069	0.934	1.052	1.424	1.01	1	0.936		42.4	76.3	-15.3	9.4	-2.6
UKR	0.985	1.162	0.802	1.584	0.677	0.984	0.732	0.63		-32.3	-8.2	-8.9	-1	2.63
URY	1.37	0.873	0.934	1.023	1.657	0.992	0.604	0.693		65.7	44.2	-9.3	11.9	1.97
USA	0.941	1	0.786	0.905	1.339	0.988	1	1		33.9	28.4	-2.1	-4.1	2.23
VEN	1.554	1.173	0.913	1.399	1.033	1.005	0.735	0.627		3.3	-13.2	-7.8	17.9	-1.63
ZAF	1.284	0.979	0.92	1.307	1.091	1	0.692	0.707		9.1	-6.8	-13.3	6.9	2.63
	Δ l_high	EFA	TCA	IMA	OMA	GiA	EFF '90	EFF '10		gdp %	k %	l_low p.p.	l_high p.p.	l_high p.p.
Obs.	79	79	79	79	79	79	79	79		79	79	79	79	79
Min.	0.653	0.767	0.658	0.404	0.493	0.896	0.211	0.23		-50.7	-60.3	-20.3	-29.8	-6.6
Max.	2.447	1.776	1	1.884	3.886	1.049	1	1		288.6	443.9	9.2	22.6	9.9
S.d.	0.402	0.176	0.077	0.273	0.433	0.024	0.195	0.182		43.3	63.9	5.3	10.7	3.4
Mean	1.361	1.054	0.875	1.085	1.438	0.991	0.767	0.733		43.8	47.2	-8.1	7.2	1.3
Med.	1.359	1.015	0.875	1.054	1.366	1	0.793	0.704		36.6	36.3	-8	10	1.4

Source: Author's calculations

Table A8 HR “79” 1990-2010

(79)	ΔPRO	EFA	TCA	KACA	l_lowΔ	l_highΔ	EFF '90	EFF '10	gdp %	k %	l_low p.p.	l_high p.p.
ARG	1.588	1.198	1.058	1.102	0.96	1.185	0.69	0.827	58.8	23.6	-7.3	14.7
ARM	1.671	1.198	1.354	1.597	0.646	0.998	0.835	1	67.1	85.6	-4.1	-19
AUS	1.466	1	1.234	1.276	0.888	1.048	1	1	46.6	47.7	-4.7	9.9
AUT	1.397	0.968	1.311	1.119	0.876	1.124	0.819	0.792	39.7	43.6	-7.8	12.3
BEL	1.36	0.932	1.273	1.015	0.944	1.197	0.89	0.829	36	33.5	-7.1	11.8
BGR	1.457	0.734	1.145	1.937	0.896	0.999	1	0.734	45.7	186.5	-2.7	-0.3
BLR	1.816	1.368	1.509	1.306	0.666	1.011	0.731	1	81.6	46	-11	3.2
BOL	1.334	1.081	1.002	1.23	0.98	1.022	0.564	0.61	33.4	25.8	-12.6	21.2
BRA	1.229	1.043	1.054	1.055	0.936	1.131	0.558	0.583	22.9	12.8	-16.4	11.4
CAN	1.265	0.901	1.263	1.17	0.917	1.037	0.907	0.817	26.5	32.7	-3.9	6
CHE	1.157	0.965	1.272	1.012	0.913	1.021	1	0.965	15.7	12.4	-3.9	2.2
CHL	2.022	0.986	1.222	1.638	0.937	1.095	0.826	0.815	102.2	135.6	-6.5	13.9
CHN	3.886	1.049	1.118	3.461	0.922	1.039	0.429	0.45	288.6	443.9	-20.3	12
COL	1.269	0.991	1.044	1.037	0.958	1.236	0.639	0.633	26.9	8.7	-8.1	14.2
CRI	1.475	1.081	1.045	1.204	0.965	1.125	0.685	0.74	47.5	59.8	-5	8.1
CZE	1.317	1.028	1.225	1.113	0.98	0.959	0.649	0.667	31.7	22.5	-0.2	-6.8
DEU	1.367	0.859	1.327	1.165	1	1.03	0.891	0.765	36.7	38.4	0	4.1
DNK	1.34	1	1.277	1.043	0.999	1.008	1	1	34	25.3	0	0.8
DOM	1.932	1.174	1.07	1.385	0.931	1.192	0.544	0.638	93.2	115.4	-8.8	14.8
DZA	0.995	0.811	1.058	0.894	0.955	1.357	1	0.811	-0.5	-21.6	-8	13.3
ECU	1.14	0.971	1.042	0.931	0.974	1.242	0.503	0.488	14	-16.7	-6.9	14
EGY	1.527	1	1.121	1.305	0.892	1.17	1	1	52.7	78.9	-9.3	16.3
ESP	1.346	0.771	1.175	1.153	0.976	1.321	0.913	0.704	34.6	68.5	-9.4	16.7
EST	1.499	0.928	1.264	1.454	0.932	0.944	0.615	0.57	49.9	76.6	-2.8	-14.7
FIN	1.4	0.968	1.278	1.133	0.93	1.074	0.774	0.749	40	38.9	-11.7	7.5
FJI	1.078	0.959	1.199	1.045	0.845	1.062	0.612	0.587	7.8	9.8	-13.6	9.8
FRA	1.284	0.863	1.18	1.081	0.979	1.191	0.928	0.801	28.4	36.3	-9.3	12
GBR	1.357	1	1.36	1.127	0.89	0.995	1	1	35.7	27.6	0	-1.5
GEO	0.86	0.913	1.319	1.171	0.658	0.926	0.935	0.854	-14	26.3	-5.9	-25.4
GHA	1.488	1.387	1.054	0.993	0.941	1.09	0.173	0.24	48.8	-1.8	-10.6	8.2
GRC	1.369	0.847	1.131	1.078	0.969	1.367	0.729	0.617	36.9	35.7	-13.7	18.6
GTM	1.187	0.725	1	1.028	1	1.592	0.843	0.611	18.7	11.2	-6.6	11
HND	1.106	0.563	1	1.055	1	1.862	0.811	0.457	10.6	23.7	9.2	10.6
HRV	1.24	0.865	1.246	1.36	0.849	0.996	0.71	0.615	24	57.3	-8.2	-0.8
HUN	1.265	0.979	1.269	1.289	0.823	0.96	0.683	0.669	26.5	44.4	-3.8	-12.2
IDN	1.712	1.079	1.038	1.331	0.92	1.248	0.393	0.424	71.2	112.4	-17.7	15.1
IND	2.127	1.104	1.057	1.799	0.939	1.078	0.343	0.379	112.7	117.2	-17.9	8.8
IRL	1.852	1.055	1.206	1.189	0.973	1.259	0.948	1	85.2	82.7	-10.3	14.7
IRN	1.168	0.935	1.078	0.98	0.956	1.236	1	0.934	16.8	-5	-13.2	7.7
ISR	1.444	0.965	1.127	1.142	0.956	1.216	0.869	0.839	44.4	29.7	-13.9	22.6
ITA	1.218	0.761	1.246	1.039	0.944	1.31	1	0.761	21.8	44.7	-12.2	17.8
JOR	1.24	0.995	1.094	0.997	0.986	1.159	0.826	0.822	24	-0.5	-1.9	9.3
JPN	1.28	0.922	1.251	1.308	0.814	1.041	0.936	0.863	28	57.5	-3.4	8.7
KAZ	1.408	1.056	1.439	1.134	0.808	1.011	0.932	0.984	40.8	21.1	-6.4	3.2
KGZ	0.704	0.883	1	0.936	0.852	1	1	0.883	-29.6	-7	-5.2	0.5
KOR	2.501	0.968	1.19	2.103	0.932	1.108	0.805	0.78	150.1	239.7	-10.2	15.7
LKA	2.203	1.272	1.214	1.362	0.929	1.127	0.454	0.577	120.3	89.7	-6.2	13.1
LTU	1.296	0.795	1.234	1.385	0.938	1.017	0.85	0.676	29.6	68.6	-5.9	3.2
LVA	1.148	0.732	1.309	1.207	0.978	1.014	0.591	0.433	14.8	39.7	-0.6	2.7
MAR	1.42	0.677	1.007	1.077	1	1.934	0.826	0.559	42	49.6	-1.9	10
MEX	1.054	0.782	1.062	1.066	0.958	1.243	0.864	0.676	5.4	16.2	-10.3	16.4
MUS	1.963	1.264	1.049	1.238	0.965	1.238	0.538	0.68	96.3	73.5	-9.6	11.4
MYS	1.774	1.112	1.13	1.391	0.896	1.133	0.693	0.771	77.4	83.9	-16.3	16.2
NGA	1.673	1.125	1.007	0.895	0.983	1.679	0.526	0.592	67.3	-26.9	-13.2	12.7
NLD	1.459	0.934	1.207	1.12	0.99	1.167	0.835	0.78	45.9	35.7	-3.2	16.2
NZL	1.361	0.934	1.15	1.222	0.965	1.074	1	0.934	36.1	36.8	-7.1	14.2
PAK	1.253	0.798	1	1.054	1	1.489	0.738	0.589	25.3	8.8	-9.1	7.9
PAN	1.821	1.048	1.117	1.279	0.998	1.218	0.79	0.828	82.1	74.5	-0.2	19.1
PER	1.672	1.127	1.21	1.167	0.937	1.122	0.493	0.556	67.2	39.1	-6.9	21
PHL	1.26	1.054	1.174	1.033	0.882	1.117	0.403	0.425	26	8.3	-12.5	10.4
POL	1.902	1	1.366	1.543	0.914	0.988	1	1	90.2	92.5	-1.2	-4.3
PRT	1.327	0.75	1.082	1.05	0.977	1.594	0.913	0.685	32.7	60.5	-16.6	18
PRY	1.163	0.867	1.035	1.028	0.959	1.315	0.551	0.478	16.3	8.2	-10.9	13.6
ROU	1.486	1.146	1.264	1.351	0.843	0.901	0.55	0.63	48.6	63.7	-14.8	-29.8

Table A8 HR “79” 1990-2010 (Continued)

(79)	ΔPRO	EFA	TCA	KACA	l_lowΔ	l_highΔ	EFF '90	EFF '10		gdp %	k %	l_low p.p.	l_high p.p.
RUS	1.03	1.075	1.248	0.957	0.804	0.997	0.729	0.784		3	-6	-9.6	-1
SLV	1.466	0.934	1.061	1.264	0.978	1.196	0.543	0.507		46.6	71.9	-7	15.4
SVK	1.525	0.974	1.437	1.211	0.937	0.96	0.79	0.769		52.5	31.3	-0.9	-16.7
SVN	1.51	1.025	1.315	1.348	0.868	0.958	0.622	0.638		51	57.8	-2.8	-11.2
SWE	1.366	1.123	1.307	1.022	0.893	1.02	0.716	0.804		36.6	7.5	-12.4	2.3
SWZ	1.133	0.766	1.039	1	0.988	1.44	0.781	0.598		13.3	0.1	-11.6	7.3
THA	1.869	1.241	1.038	1.245	0.935	1.246	0.399	0.496		86.9	74	-19.9	17.2
TJK	0.493	0.877	1.395	0.542	0.79	0.941	0.262	0.23		-50.7	-60.3	-6.3	-14.7
TUN	1.585	0.816	1.064	1.05	0.977	1.778	0.739	0.604		58.5	23.5	-9.3	14.5
TUR	1.424	0.936	1.071	1.265	0.925	1.214	1	0.936		42.4	76.3	-15.3	9.4
UKR	0.677	0.924	1.297	0.94	0.602	0.997	0.682	0.63		-32.3	-8.2	-8.9	-1
URY	1.657	1.194	1.077	1.187	0.961	1.13	0.543	0.648		65.7	44.2	-9.3	11.9
USA	1.339	1	1.287	1.127	0.947	0.976	1	1		33.9	28.4	-2.1	-4.1
VEN	1.033	0.834	1.107	0.936	0.977	1.223	0.729	0.608		3.3	-13.2	-7.8	17.9
ZAF	1.091	1.021	1.087	0.965	0.926	1.1	0.692	0.707		9.1	-6.8	-13.3	6.9
	ΔPRO	EFA	TCA	KACA	l_lowΔ	l_highΔ	EFF '90	EFF '10		gdp %	k %	l_low p.p.	l_high p.p.
Obs.	79	79	79	79	79	79	79	79		79	79	79	79
Min.	0.493	0.563	1	0.542	0.602	0.901	0.173	0.23		-50.7	-60.3	-20.3	-29.8
Max.	3.886	1.387	1.509	3.461	1	1.934	1	1		288.6	443.9	9.2	22.6
S.d.	0.433	0.154	0.123	0.344	0.082	0.209	0.201	0.183		43.3	63.9	5.3	10.7
Mean	1.438	0.975	1.173	1.208	0.919	1.162	0.744	0.711		43.8	47.2	-8.1	7.2
Med.	1.366	0.971	1.174	1.134	0.938	1.122	0.774	0.704		36.6	36.3	-8	10

Source: Author's calculations

Table A9 HR “161” 1990-2010

(161)	ΔPRO	EFA	TCA	KACA	l_lowΔ	l_highΔ	EFF '90	EFF '10		gdp %	k %	l_low p.p.	l_high p.p.
AGO	1.36	0.975	1	1.021	1.011	1.352	0.324	0.316		36	4.8	4.2	7.1
ALB	2.042	1.748	1.357	1.232	0.729	0.958	0.216	0.378		104.2	41.5	-8.8	-11.7
ARE	0.439	0.804	1.061	0.805	0.725	0.881	1	0.804		-56.1	-65.8	-14.9	-9.4
ARG	1.588	1.163	1.141	1.161	0.967	1.066	0.448	0.521		58.8	23.6	-7.3	14.7
ARM	1.671	0.85	2.327	1.338	0.657	0.96	0.636	0.541		67.1	85.6	-4.1	-19
AUS	1.466	0.946	1.291	1.338	0.88	1.019	0.853	0.808		46.6	47.7	-4.7	9.9
AUT	1.397	1.004	1.243	1.241	0.842	1.071	0.562	0.565		39.7	43.6	-7.8	12.3
AZE	1.629	1	2.092	1.537	0.522	0.97	1	1		62.9	89.7	-6.6	-12.8
BDI	0.657	0.764	1.005	0.767	1	1.115	0.506	0.386		-34.3	-25.7	-17.4	3.3
BEL	1.36	1.093	1.206	1.081	0.845	1.129	0.515	0.562		36	33.5	-7.1	11.8
BEN	1.211	1.49	1.005	0.778	0.997	1.043	0.157	0.234		21.1	-24	-9.4	6.2
BFA	1.609	0.999	1	1.484	1	1.085	0.31	0.309		60.9	56.5	-26.7	3.9
BGD	1.672	0.813	1.044	1.857	0.98	1.082	0.308	0.251		67.2	113	-10.9	8.9
BGR	1.457	0.578	1.726	1.663	0.88	0.999	0.878	0.507		45.7	186.5	-2.7	-0.3
BHR	0.897	0.862	1.052	0.923	0.916	1.171	0.495	0.427		-10.3	-14.9	-9.8	19.3
BHS	0.873	0.601	1.271	1.359	0.825	1.018	0.803	0.483		-12.7	53.1	-8.2	9.9
BIH	5.27	1.885	1.384	2.413	0.822	1.019	0.291	0.549		427	443.4	-8	1.7
BLR	1.816	1.397	1.704	1.247	0.603	1.015	0.538	0.752		81.6	46	-11	3.2
BLZ	1.234	0.954	1.139	1.114	0.933	1.093	0.505	0.482		23.4	25.6	-8	10.8
BOL	1.334	0.904	1.225	1.128	0.917	1.165	0.376	0.34		33.4	25.8	-12.6	21.2
BRA	1.229	1.011	1.133	1.094	0.944	1.038	0.345	0.348		22.9	12.8	-16.4	11.4
BTN	2.341	1.222	1.048	1.584	0.935	1.235	0.211	0.258		134.1	179.8	-11.4	16
BWA	1.36	0.689	1.114	1.784	0.914	1.087	0.519	0.358		36	121.8	-17.7	14.7
CAF	0.911	1.063	1.016	0.746	0.994	1.138	0.14	0.148		-8.9	-28.2	-15.1	13.7
CAN	1.265	0.886	1.249	1.242	0.911	1.011	0.741	0.657		26.5	32.7	-3.9	6
CHE	1.157	0.952	1.235	1.04	0.933	1.015	0.704	0.671		15.7	12.4	-3.9	2.2
CHL	2.022	0.944	1.32	1.71	0.892	1.063	0.576	0.543		102.2	135.6	-6.5	13.9
CHN	3.886	1.335	1.17	2.508	0.937	1.058	0.233	0.31		288.6	443.9	-20.3	12
CIV	0.846	1.033	1.012	0.81	0.968	1.033	0.275	0.284		-15.4	-29.6	-6.6	4.4
CMR	0.974	0.942	1.025	0.959	0.977	1.076	0.269	0.254		-2.6	-5.4	-12.8	13.5
COD	0.482	0.642	1.026	0.663	0.997	1.107	0.308	0.197		-51.8	-40.3	-8.8	11.8

Table A9 HR “161” 1990-2010 (Continued)

(161)	ΔPRO	EFA	TCA	KACA	l_lowΔ	l_highΔ	EFF '90	EFF '10		gdp %	k %	l_low p.p.	l_high p.p.
COG	1.122	0.942	1.1	1.041	1.001	1.04	0.357	0.336		12.2	6.7	0.1	6.7
COL	1.269	1.026	1.135	1.058	0.958	1.075	0.4	0.41		26.9	8.7	-8.1	14.2
COM	0.732	0.954	1.049	0.708	0.953	1.085	0.214	0.205		-26.8	-43.3	-7.2	6
CRI	1.475	0.941	1.138	1.354	0.969	1.049	0.496	0.467		47.5	59.8	-5	8.1
CYP	1.397	1.313	1.206	1.063	0.778	1.066	0.333	0.438		39.7	12.5	-11.9	10.3
CZE	1.317	0.945	1.201	1.197	0.975	0.994	0.47	0.444		31.7	22.5	-0.2	-6.8
DEU	1.367	0.858	1.222	1.293	1	1.008	0.708	0.608		36.7	38.4	0	4.1
DNK	1.34	1.008	1.267	1.051	0.995	1.004	0.68	0.685		34	25.3	0	0.8
DOM	1.932	0.976	1.155	1.662	0.948	1.088	0.408	0.399		93.2	115.4	-8.8	14.8
DZA	0.995	1.054	1.11	0.846	0.941	1.069	0.45	0.475		-0.5	-21.6	-8	13.3
ECU	1.14	1.132	1.129	0.87	0.974	1.053	0.265	0.299		14	-16.7	-6.9	14
EGY	1.527	0.902	1.185	1.336	0.896	1.193	0.84	0.758		52.7	78.9	-9.3	16.3
ESP	1.346	0.949	1.19	1.281	0.833	1.117	0.48	0.455		34.6	68.5	-9.4	16.7
EST	1.499	0.821	1.411	1.475	0.908	0.966	0.55	0.452		49.9	76.6	-2.8	-14.7
ETH	1.597	1.227	1.001	1.143	1	1.137	0.256	0.315		59.7	15.9	-8.4	5.7
FIN	1.4	1.106	1.236	1.246	0.796	1.032	0.497	0.55		40	38.9	-11.7	7.5
FJI	1.078	0.849	1.254	1.052	0.893	1.078	0.473	0.402		7.8	9.8	-13.6	9.8
FRA	1.284	1.023	1.215	1.15	0.833	1.078	0.52	0.532		28.4	36.3	-9.3	12
GAB	0.705	0.81	1.041	0.759	0.984	1.119	0.865	0.7		-29.5	-35.6	-4.7	5.6
GBR	1.357	1	1.377	1.12	0.884	0.995	1	1		35.7	27.6	0	-1.5
GEO	0.86	0.674	2.012	1.114	0.651	0.874	0.811	0.547		-14	26.3	-5.9	-25.4
GHA	1.488	1.335	1.143	0.988	0.951	1.037	0.12	0.16		48.8	-1.8	-10.6	8.2
GIN	1.101	0.656	1.009	1.49	1	1.116	0.688	0.451		10.1	60.3	-8.7	6.8
GMB	1.092	0.605	1.044	1.645	0.962	1.093	0.454	0.275		9.2	88.1	-7.5	9.1
GNB	0.921	1.047	1.006	0.797	0.996	1.102	0.262	0.274		-7.9	-22.9	-10.4	7.3
GNQ	10.686	1.483	1.009	6.247	0.985	1.161	0.499	0.74		968.6	1756.2	-14.4	9.6
GRC	1.369	1.118	1.154	1.174	0.815	1.11	0.327	0.366		36.9	35.7	-13.7	18.6
GTM	1.187	1.01	1.079	1.061	0.956	1.075	0.377	0.381		18.7	11.2	-6.6	11
HKG	1.694	1.375	1.15	1.235	0.804	1.079	0.359	0.494		69.4	61.9	-14.6	13.6
HND	1.106	0.789	1.063	1.11	1.084	1.096	0.341	0.269		10.6	23.7	9.2	10.6
HRV	1.24	0.89	1.312	1.389	0.765	0.998	0.552	0.491		24	57.3	-8.2	-0.8
HTI	0.635	0.493	1.061	1.227	0.902	1.099	0.249	0.123		-36.5	46.8	-14.7	11.8
HUN	1.265	0.841	1.362	1.312	0.867	0.971	0.602	0.506		26.5	44.4	-3.8	-12.2
IDN	1.712	0.96	1.132	1.608	0.906	1.082	0.276	0.265		71.2	112.4	-17.7	15.1
IND	2.127	1.291	1.108	1.528	0.915	1.065	0.219	0.283		112.7	117.2	-17.9	8.8
IRL	1.852	1.306	1.198	1.331	0.808	1.1	0.528	0.69		85.2	82.7	-10.3	14.7
IRN	1.168	1.137	1.1	0.966	0.928	1.041	0.45	0.512		16.8	-5	-13.2	7.7
IRQ	1.023	1.223	1.092	0.743	1.005	1.026	0.686	0.84		2.3	-34.9	0.7	3.2
ISL	1.324	0.877	1.272	1.219	0.986	0.988	0.726	0.637		32.4	28	-0.5	-6.9
ISR	1.444	1.132	1.213	1.208	0.83	1.048	0.47	0.532		44.4	29.7	-13.9	22.6
ITA	1.218	1.017	1.194	1.138	0.761	1.158	0.512	0.521		21.8	44.7	-12.2	17.8
JAM	0.93	0.858	1.293	1.022	0.804	1.02	0.241	0.207		-7	3.2	-13.1	6.1
JOR	1.24	1.045	1.146	0.996	0.989	1.051	0.478	0.499		24	-0.5	-1.9	9.3
JPN	1.28	0.76	1.25	1.451	0.916	1.014	0.775	0.589		28	57.5	-3.4	8.7
KAZ	1.408	0.994	1.703	1.115	0.739	1.011	0.754	0.749		40.8	21.1	-6.4	3.2
KEN	0.935	0.899	1.059	0.927	0.965	1.099	0.298	0.268		-6.5	-10.4	-12.5	15
KGZ	0.704	0.584	1.454	0.96	0.862	1.002	0.634	0.37		-29.6	-7	-5.2	0.5
KHM	2.194	1.183	1.014	1.589	0.999	1.153	0.259	0.306		119.4	72.7	-5	13.6
KOR	2.501	1.075	1.262	2.187	0.799	1.054	0.543	0.584		150.1	239.7	-10.2	15.7
KWT	1.646	1.158	1.105	1.248	0.985	1.046	0.864	1		64.6	31.5	-6.6	12.6
LAO	2.172	0.67	1.078	2.81	0.965	1.108	0.439	0.294		117.2	258.9	-16.2	13.9
LBN	1.832	1.809	1.129	0.972	0.878	1.051	0.227	0.411		83.2	-3.9	-8.7	12.8
LBR	1.069	1.734	1.021	0.576	0.998	1.051	0.106	0.184		6.9	-48.7	-3.1	5.2
LCA	1.113	0.618	1.13	1.621	0.923	1.065	0.529	0.327		11.3	102.1	-15.3	12.8
LKA	2.203	1.153	1.222	1.489	0.951	1.105	0.341	0.393		120.3	89.7	-6.2	13.1
LSO	1.52	1.128	1.044	1.295	0.948	1.051	0.18	0.204		52	63	-9.4	6.1
LTU	1.296	0.815	1.385	1.387	0.82	1.01	0.636	0.518		29.6	68.6	-5.9	3.2
LUX	1.61	1.046	1.183	1.084	0.946	1.268	0.433	0.453		61	29.7	-3.7	36.1
LVA	1.148	0.715	1.251	1.3	0.981	1.006	0.486	0.348		14.8	39.7	-0.6	2.7
MAC	2.082	1.088	1.185	1.677	0.869	1.109	0.919	1		108.2	125.2	-14.8	20.4
MAR	1.42	0.953	1.048	1.253	0.989	1.147	0.288	0.274		42	49.6	-1.9	10
MDA	0.533	0.574	1.837	0.92	0.622	0.883	0.604	0.347		-46.7	-17	-15.8	-16.5

Table A9 HR “161” 1990-2010 (Continued)

(161)	ΔPRO	EFA	TCA	KACA	l_lowΔ	l_highΔ	EFF '90	EFF '10		gdp %	k %	l_low p.p.	l_high p.p.
MDG	0.807	0.884	1	0.883	1	1.034	0.294	0.259		-19.3	-13.5	3.1	2.7
MDV	1.331	0.586	1.057	1.729	0.977	1.272	1	0.586		33.1	247.8	-3.4	19.9
MEX	1.054	0.811	1.134	1.124	0.962	1.06	0.493	0.4		5.4	16.2	-10.3	16.4
MKD	1.202	1.031	1.253	1.162	0.798	1.004	0.333	0.344		20.2	25	-19.3	1.1
MLI	3.713	1.373	1	2.363	1	1.145	0.44	0.603		271.3	171	11.7	4.6
MLT	1.736	0.979	1.253	1.713	0.792	1.044	0.538	0.527		73.6	125.2	-11.2	13.2
MMR	4.477	0.76	1.024	5.558	1	1.035	0.717	0.545		347.7	567.6	-12.6	10.7
MNE	1.001	0.714	1.46	1.184	0.782	1.037	0.922	0.658		0.1	31.6	-4.7	8.6
MNG	1.203	1.066	1.342	0.954	0.857	1.028	0.263	0.28		20.3	-7.7	-5.4	8.4
MOZ	2.359	1.003	1.05	1.875	1	1.194	0.351	0.352		135.9	114.9	-5.2	8.6
MUS	1.963	1.146	1.118	1.514	0.961	1.053	0.326	0.374		96.3	73.5	-9.6	11.4
MWI	1.279	1.21	1.038	0.922	0.999	1.106	0.191	0.231		27.9	-9.2	-13.5	11.5
MYS	1.774	1.016	1.239	1.494	0.887	1.064	0.48	0.488		77.4	83.9	-16.3	16.2
NAM	1.324	0.926	1.097	1.3	0.934	1.073	0.42	0.389		32.4	48.1	-10.4	10.1
NER	1.027	1.045	1	0.753	1	1.305	0.153	0.16		2.7	-33.1	7.9	2
NGA	1.673	1.786	1.099	0.86	0.892	1.111	0.244	0.435		67.3	-26.9	-13.2	12.7
NIC	1.1	1.019	1.101	0.903	0.995	1.091	0.247	0.252		10	-17.1	-0.6	11.4
NLD	1.459	0.994	1.228	1.177	0.938	1.082	0.549	0.546		45.9	35.7	-3.2	16.2
NOR	1.428	1	1.232	1.106	1.021	1.027	1	1		42.8	28.1	0.1	5
NPL	1.563	0.731	1.04	1.809	0.994	1.142	0.291	0.213		56.3	106.7	-17.8	19.5
NZL	1.361	0.947	1.345	1.214	0.853	1.032	0.698	0.661		36.1	36.8	-7.1	14.2
OMN	0.92	0.618	1.035	1.017	0.983	1.438	1	0.618		-8	6.3	-1.2	24.9
PAK	1.253	1.129	1.091	1.037	0.898	1.092	0.383	0.433		25.3	8.8	-9.1	7.9
PAN	1.821	0.963	1.175	1.447	0.999	1.114	0.567	0.546		82.1	74.5	-0.2	19.1
PER	1.672	1.031	1.248	1.197	0.956	1.136	0.381	0.393		67.2	39.1	-6.9	21
PHL	1.26	1.017	1.207	1.047	0.912	1.075	0.307	0.312		26	8.3	-12.5	10.4
POL	1.902	0.806	1.783	1.462	0.921	0.983	1	0.806		90.2	92.5	-1.2	-4.3
PRT	1.327	0.975	1.064	1.275	0.887	1.131	0.31	0.302		32.7	60.5	-16.6	18
PRY	1.163	0.976	1.125	1.047	0.936	1.081	0.337	0.329		16.3	8.2	-10.9	13.6
PSE	1.404	1.004	1.22	1.177	0.91	1.069	0.388	0.389		40.4	28.8	-8.5	6.5
QAT	1.422	1	1.041	1.193	1.034	1.108	1	1		42.2	73.5	5.1	14.8
ROU	1.486	1.268	1.362	1.359	0.691	0.916	0.384	0.487		48.6	63.7	-14.8	-29.8
RUS	1.03	1.054	1.371	0.956	0.746	0.998	0.577	0.608		3	-6	-9.6	-1
RWA	1.437	0.789	1.009	1.561	1	1.157	0.525	0.414		43.7	69.1	-12.3	7.1
SAU	0.879	0.964	1.078	1.043	0.727	1.115	0.832	0.802		-12.1	12.3	-19.5	10
SDN	1.863	0.394	1.045	4.294	0.972	1.083	1	0.394		86.3	788.7	-5	5.1
SEN	1.098	1.088	1.028	1.024	0.916	1.047	0.242	0.263		9.8	5.9	-8.9	4.8
SGP	2.057	1.448	1.185	1.245	0.838	1.149	0.411	0.596		105.7	75	-10.2	25.6
SLE	0.666	0.848	1.011	0.738	0.996	1.056	0.404	0.343		-33.4	-30.5	-12.5	4.8
SLV	1.466	0.928	1.144	1.293	0.94	1.135	0.404	0.375		46.6	71.9	-7	15.4
SRB	1.01	0.812	1.382	1.166	0.743	1.04	0.486	0.394		1	28.5	-8.9	13.1
STP	1.149	0.879	1.02	1.218	0.955	1.103	0.262	0.23		14.9	54	-7.8	3.4
SUR	1.28	0.862	1.125	1.207	1.006	1.089	0.333	0.287		28	33.5	0.5	20.6
SVK	1.525	0.936	1.454	1.221	0.959	0.956	0.658	0.616		52.5	31.3	-0.9	-16.7
SVN	1.51	0.902	1.309	1.423	0.919	0.978	0.527	0.476		51	57.8	-2.8	-11.2
SWE	1.366	1.317	1.223	1.053	0.801	1.006	0.471	0.62		36.6	7.5	-12.4	2.3
SWZ	1.133	1.056	1.064	1.001	0.944	1.067	0.288	0.305		13.3	0.1	-11.6	7.3
SYR	1.413	1.417	1.097	1.049	0.85	1.019	0.296	0.42		41.3	8.6	-18.2	2.2
TCD	1.899	1.142	1.002	1.464	1	1.134	0.634	0.724		89.9	53.8	-5.8	4.4
TGO	0.745	1.059	1.006	0.678	0.996	1.036	0.144	0.153		-25.5	-35.1	-9.6	5.8
THA	1.869	1.164	1.128	1.446	0.921	1.07	0.262	0.305		86.9	74	-19.9	17.2
TJK	0.493	0.808	1.595	0.543	0.74	0.952	0.221	0.179		-50.7	-60.3	-6.3	-14.7
TKM	1.002	0.661	1.653	1.112	0.81	1.017	0.716	0.473		0.2	17.6	-4	5.8
TTO	2.166	2.001	1.179	0.974	0.893	1.055	0.314	0.629		116.6	-4	-6.3	23.9
TUN	1.585	1.185	1.075	1.173	0.958	1.108	0.283	0.335		58.5	23.5	-9.3	14.5
TUR	1.424	0.843	1.126	1.547	0.926	1.047	0.609	0.514		42.4	76.3	-15.3	9.4
TWN	2.29	1.25	1.211	1.861	0.783	1.038	0.485	0.606		129	153.3	-13.5	13.4
TZA	1.553	0.854	1.002	1.736	0.999	1.046	0.238	0.203		55.3	82.5	-4	4.8
UGA	2.171	0.984	1.007	2.044	0.998	1.074	0.239	0.235		117.1	126.8	-7.2	7
UKR	0.677	0.871	1.405	0.943	0.588	0.999	0.541	0.471		-32.3	-8.2	-8.9	-1
URY	1.657	1.097	1.138	1.319	0.968	1.04	0.346	0.379		65.7	44.2	-9.3	11.9

Table A9 HR “161” 1990-2010 (Continued)

(161)	ΔPRO	EFA	TCA	KACA	l_lowΔ	l_highΔ	EFF '90	EFF '10		gdp %	k %	l_low p.p.	l_high p.p.
USA	1.339	0.946	1.23	1.216	0.953	0.993	0.847	0.801		33.9	28.4	-2.1	-4.1
VEN	1.033	1.052	1.165	0.906	0.895	1.04	0.348	0.366		3.3	-13.2	-7.8	17.9
VNM	2.519	0.683	1.134	3.161	0.961	1.071	0.363	0.248		151.9	382.4	-13.1	10.5
YEM	1.291	0.665	1.021	1.099	0.804	2.154	1	0.665		29.1	43.5	-13.9	4.9
ZAF	1.091	1.04	1.144	0.946	0.94	1.03	0.402	0.418		9.1	-6.8	-13.3	6.9
ZMB	1.373	1.799	1.108	0.709	0.949	1.023	0.121	0.218		37.3	-40.1	-8.7	4
ZWE	0.938	0.859	1.143	0.857	0.974	1.144	0.15	0.129		-6.2	-23.3	-6.6	24.5
	ΔPRO	EFA	TCA	KACA	l_lowΔ	l_highΔ	EFF '90	EFF '10		gdp %	k %	l_low p.p.	l_high p.p.
Obs.	161	161	161	161	161	161	161	161		161	161	161	161
Min.	0.439	0.394	1	0.543	0.522	0.874	0.106	0.123		-56.1	-65.8	-26.7	-29.8
Max.	10.686	2.001	2.327	6.247	1.084	2.154	1	1		968.6	1756.2	11.7	36.1
S.d.	0.96	0.267	0.209	0.69	0.099	0.114	0.23	0.197		96	169.4	5.9	9.6
Mean	1.498	1.006	1.194	1.322	0.906	1.075	0.477	0.453		49.8	65	-8.3	8
Med.	1.357	0.984	1.139	1.193	0.936	1.065	0.448	0.418		35.7	32.7	-8.7	9.3

Source: Author's calculations

Table A10 List of countries

Code	Country	Code	Country	Code	Country
AGO	Angola	GMB	Gambia	NGA	Nigeria
ALB	Albania	GNB	Guinea-Bissau	NIC	Nicaragua
ARE	United Arab Emirates	GNQ	Equatorial Guinea	NLD	Netherlands
ARG	Argentina	GRC	Greece	NOR	Norway
ARM	Armenia	GTM	Guatemala	NPL	Nepal
AUS	Australia	HKG	China, Hong Kong	NZL	New Zealand
AUT	Austria	HND	Honduras	OMN	Oman
AZE	Azerbaijan	HRV	Croatia	PAK	Pakistan
BDI	Burundi	HTI	Haiti	PAN	Panama
BEL	Belgium	HUN	Hungary	PER	Peru
BEN	Benin	IDN	Indonesia	PHL	Philippines
BFA	Burkina Faso	IND	India	POL	Poland
BGD	Bangladesh	IRL	Ireland	PRT	Portugal
BGR	Bulgaria	IRN	Iran	PRY	Paraguay
BHR	Bahrain	IRQ	Iraq	PSE	State of Palestine
BHS	Bahamas	ISL	Iceland	QAT	Qatar
BIH	Bosnia and Herzegovina	ISR	Israel	ROU	Romania
BLR	Belarus	ITA	Italy	RUS	Russian Federation
BLZ	Belize	JAM	Jamaica	RWA	Rwanda
BOL	Bolivia	JOR	Jordan	SAU	Saudi Arabia
BRA	Brazil	JPN	Japan	SDN	Sudan
BTN	Bhutan	KAZ	Kazakhstan	SEN	Senegal
BWA	Botswana	KEN	Kenya	SGP	Singapore
CAF	Central African Republic	KGZ	Kyrgyzstan	SLE	Sierra Leone
CAN	Canada	KHM	Cambodia	SLV	El Salvador
CHE	Switzerland	KOR	Republic of Korea	SRB	Serbia
CHL	Chile	KWT	Kuwait	STP	Sao Tome and Principe

Table A10 List of countries (Continued)

Code	Country	Code	Country	Code	Country
CHN	China	LAO	Lao People's DR	SUR	Suriname
CIV	Côte d'Ivoire	LBN	Lebanon	SVK	Slovakia
CMR	Cameroon	LBR	Liberia	SVN	Slovenia
COD	D.R. of the Congo	LCA	Saint Lucia	SWE	Sweden
COG	Congo	LKA	Sri Lanka	SWZ	Eswatini
COL	Colombia	LSO	Lesotho	SYR	Syrian Arab Republic
COM	Comoros	LTU	Lithuania	TCD	Chad
CRI	Costa Rica	LUX	Luxembourg	TGO	Togo
CYP	Cyprus	LVA	Latvia	THA	Thailand
CZE	Czech Republic	MAC	China, Macao SAR	TJK	Tajikistan
DEU	Germany	MAR	Morocco	TKM	Turkmenistan
DNK	Denmark	MDA	Republic of Moldova	TTO	Trinidad and Tobago
DOM	Dominican Republic	MDG	Madagascar	TUN	Tunisia
DZA	Algeria	MDV	Maldives	TUR	Turkey
ECU	Ecuador	MEX	Mexico	TWN	Taiwan
EGY	Egypt	MKD	North Macedonia	TZA	U.R. of Tanzania: Mainland
ESP	Spain	MLI	Mali	UGA	Uganda
EST	Estonia	MLT	Malta	UKR	Ukraine
ETH	Ethiopia	MMR	Myanmar	URY	Uruguay
FIN	Finland	MNE	Montenegro	USA	United States
FJI	Fiji	MNG	Mongolia	VEN	Venezuela
FRA	France	MOZ	Mozambique	VNM	Viet Nam
GAB	Gabon	MUS	Mauritius	YEM	Yemen
GBR	United Kingdom	MWI	Malawi	ZAF	South Africa
GEO	Georgia	MYS	Malaysia	ZMB	Zambia
GHA	Ghana	NAM	Namibia	ZWE	Zimbabwe
GIN	Guinea	NER	Niger		