

This is a LIST OF FIGURES AND TABLES for an AAM of a paper “Multidimensional Poverty Reduction among Countries in Sub-Saharan Africa” by Alkire, Jindra, Robles and Vaz, published online in Forum for Social Economics on 10 May 2017 (DOI: 10.1080/07360932.2017.1310123)
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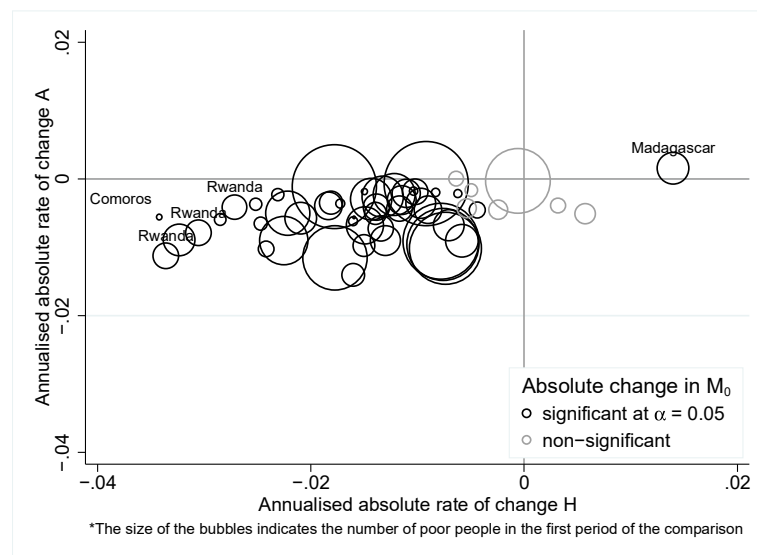


Figure A1. Change in H and A for all comparisons

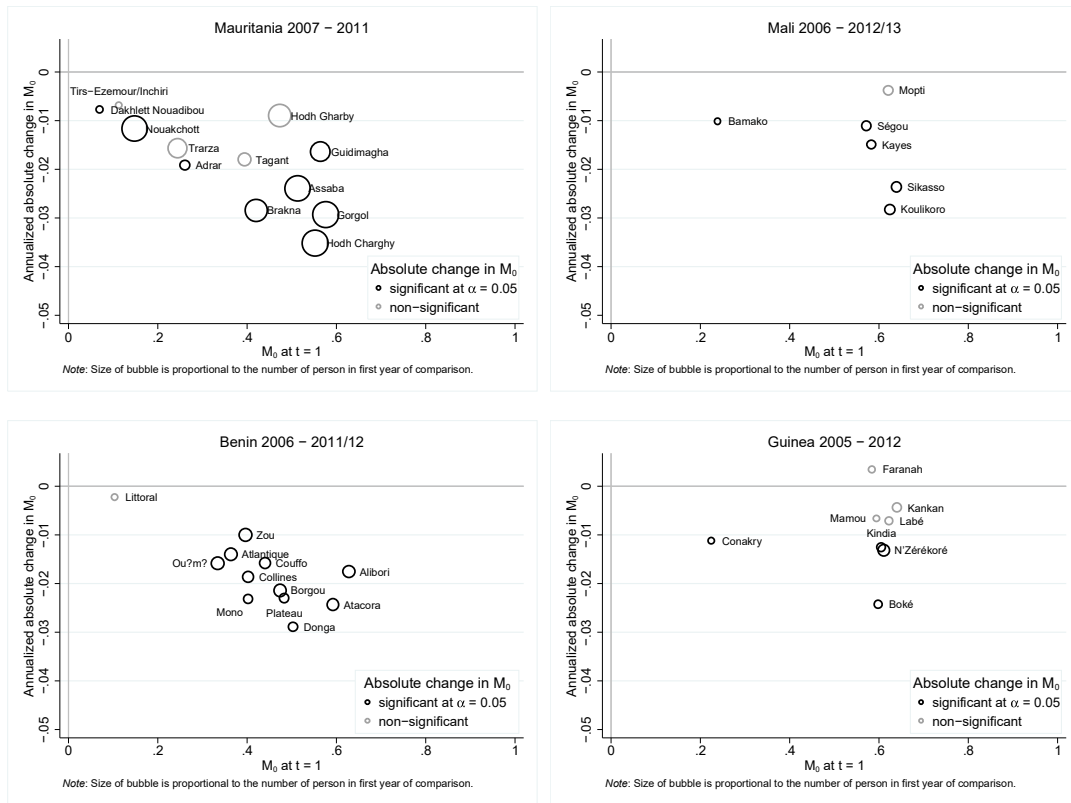
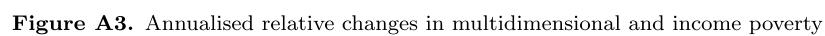


Figure A2. Sub-national reductions in MPI versus MPI in initial period



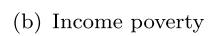
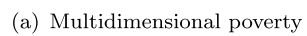


Figure A4. Annualised relative changes versus growth in GDP per capita

Table A1. Dimensions, indicators and cutoffs Global MPI (Alkire, Foster, et al., 2015, p. 169)

Dimensions	Indicator (weight)	Deprivation Cutoff
Education	Schooling (1/6)	No household member has completed five year of schooling
	Attendance (1/6)	Any school-aged child in the household is not attending school up to class 8
Health	Nutrition (1/6)	And adult or child in the household with nutritional information is undernourished
	Mortality (1/6)	Any child has passed away in the household in the last 5 years
Standard of living	Electricity (1/18)	The household has no electricity
	Sanitation (1/18)	The household's sanitation facility is not improved or is shared with other households
	Water (1/18)	The household does not have access to safe drinking water, or safe water is more than a 30-minute walk (round trip)
	Floor (1/18)	The household has a dirt, sand, or dung floor
	Cooking fuel (1/18)	The household cooks with dung, wood, or charcoal
	Assets (1/18)	The household owns at most one asset (radio, telephone, TV, bike, motorbike, or refrigerator) and does not own a car

Table A2. Countries, year comparison and data

Country	Year Comparison	Data	Sample size		ISO-code
			t_1	t_2	
Burundi	2005 - 2010	MICS - DHS	40591	41283	BDI
Benin	2006 - 2011/12	DHS - DHS	84139	84871	BEN
Benin	2001 - 2006	DHS - DHS	29299	84139	BEN
Benin	2001 - 2011/12	DHS - DHS	29299	84871	BEN
Burkina Faso	2003 - 2010	DHS - DHS/MICS	58916	39095	BFA
C. African Republic	2000 - 2010	MICS - MICS	80964	50566	CAF
Cote d'Ivoire	2005 - 2011/12	DHS - DHS/MICS	22885	49306	CIV
Cameroon	2004 - 2011	DHS - DHS	23117	34965	CMR
DR Congo	2007 - 2013/14	DHS - DHS	20891	43322	COD
The Republic of the Congo	2009 - 2011/12	DHS - DHS	28550	48920	COG
The Republic of the Congo	2005 - 2009	DHS - DHS	28887	28550	COG
The Republic of the Congo	2005 - 2011/12	DHS - DHS	28887	48920	COG
Comoros	2000 - 2012	MICS - DHS/MICS	20192	21375	COM
Ethiopia	2005 - 2011	DHS - DHS	30461	71967	ETH
Ethiopia	2000 - 2011	DHS - DHS	65600	71967	ETH
Ethiopia	2000 - 2005	DHS - DHS	65600	30461	ETH
Gabon	2000 - 2012	DHS - DHS	22557	26663	GAB
Ghana	2008 - 2014	DHS - DHS	21237	21250	GHA
Ghana	2003 - 2008	DHS - DHS	25500	21237	GHA
Ghana	2003 - 2014	DHS - DHS	25500	21250	GHA
Guinea	2005 - 2012	DHS - DHS/MICS	18365	21843	GIN
Gambia	2006 - 2013	MICS - DHS	41931	48267	GMB
Kenya	2003 - 2008/09	DHS - DHS	35417	37132	KEN
Kenya	2008/9 - 2014	DHS - DHS	37132	58440	KEN
Kenya	2003 - 2014	DHS - DHS	35417	58440	KEN
Liberia	2007 - 2013	DHS - DHS	33190	21958	LBR
Lesotho	2004 - 2009	DHS - DHS	14870	16477	LSO
Madagascar	2004 - 2008/9	DHS - DHS	36080	35024	MDG
Mali	2006 - 2012/13	DHS - DHS	19693	27197	MLI
Mozambique	2003 - 2011	DHS - DHS	59262	61368	MOZ
Mauritania	2007 - 2011	MICS - MICS	50271	51353	MRT
Malawi	2004 - 2010	DHS - DHS	57047	38502	MWI
Namibia	2000 - 2006/7	DHS - DHS	25302	33875	NAM
Namibia	2006/7 - 2013	DHS - DHS	33875	16075	NAM
Namibia	2000 - 2013	DHS - DHS	25302	16075	NAM
Niger	2006 - 2012	DHS - DHS	22223	27918	NER
Nigeria	2003 - 2008	DHS - DHS	33889	150394	NGA
Nigeria	2003 - 2013	DHS - DHS	33889	173218	NGA
Nigeria	2008 - 2013	DHS - DHS	150394	173218	NGA
Rwanda	2010 - 2014/15	DHS - DHS	27269	26694	RWA
Rwanda	2005 - 2014/15	DHS - DHS	22818	26694	RWA
Rwanda	2005 - 2010	DHS - DHS	22818	27269	RWA
Senegal	2010/11 - 2012/13	DHS/MICS - Continuous DHS	25452	37666	SEN
Senegal	2005 - 2010/11	DHS - DHS/MICS	18815	25452	SEN
Senegal	2005 - 2012/13	DHS - Continuous DHS	18815	37666	SEN
Sierra Leone	2008 - 2013	DHS - DHS	19061	35559	SLE
Sao Tome and Principe	2000 - 2008/09	MICS - DHS	10258	12588	STP
Togo	2010 - 2013/14	MICS - DHS	29381	21311	TGO
Tanzania	2008 - 2010	DHS - DHS	42867	48046	TZA
Uganda	2006 - 2011	DHS - DHS	13783	13004	UGA
South Africa	2008 - 2012	NIDS - NIDS	26439	29705	ZAF
Zambia	2001/2 - 2013/14	DHS - DHS	36449	79597	ZMB
Zambia	2007 - 2013/14	DHS - DHS	34136	79597	ZMB
Zambia	2001/2 - 2007	DHS - DHS	36449	34136	ZMB
Zimbabwe	2010/11 - 2014	DHS - MICS	34682	61976	ZWE

Table A3. National results for *MPI*

Country (year comparison)	<i>MPI</i>		Absolute change (ΔMPI)	t-value (ΔMPI)	Annualised change	
	t_1 (s.e.)	t_2 (s.e.)			Absolute	Relative
Burundi (2005 - 2010)	0.503 (0.006)	0.434 (0.006)	-0.068***	8.000	-0.014	-0.029
Benin (2006 - 2011/12)	0.414 (0.006)	0.314 (0.004)	-0.099***	13.477	-0.018	-0.049
Benin (2001 - 2006)	0.474 (0.008)	0.414 (0.006)	-0.060***	5.875	-0.012	-0.027
Benin (2001 - 2011/12)	0.474 (0.008)	0.314 (0.004)	-0.159***	17.278	-0.015	-0.038
Burkina Faso (2003 - 2010)	0.620 (0.007)	0.545 (0.006)	-0.074***	7.898	-0.011	-0.018
C. African Republic (2000 - 2010)	0.503 (0.005)	0.440 (0.005)	-0.062***	8.890	-0.006	-0.013
Cote d'Ivoire (2005 - 2011/12)	0.353 (0.010)	0.304 (0.008)	-0.049***	3.874	-0.008	-0.023
Cameroon (2004 - 2011)	0.298 (0.009)	0.248 (0.007)	-0.050***	4.390	-0.007	-0.026
DR Congo (2007 - 2013/14)	0.527 (0.011)	0.401 (0.008)	-0.127***	9.176	-0.019	-0.041
The Republic of the Congo (2009 - 2011/12)	0.208 (0.005)	0.167 (0.005)	-0.041***	5.566	-0.017	-0.085
The Republic of the Congo (2005 - 2009)	0.260 (0.010)	0.208 (0.005)	-0.052***	4.694	-0.013	-0.054
The Republic of the Congo (2005 - 2011/12)	0.260 (0.010)	0.167 (0.005)	-0.093***	8.610	-0.014	-0.066
Comoros (2000 - 2012)	0.408 (0.012)	0.159 (0.009)	-0.249***	16.751	-0.021	-0.075
Ethiopia (2005 - 2011)	0.604 (0.006)	0.526 (0.007)	-0.078***	8.657	-0.013	-0.023
Ethiopia (2000 - 2011)	0.677 (0.004)	0.526 (0.007)	-0.150***	18.600	-0.014	-0.023
Ethiopia (2000 - 2005)	0.677 (0.004)	0.604 (0.006)	-0.072***	10.529	-0.014	-0.022
Gabon (2000 - 2012)	0.161 (0.006)	0.075 (0.004)	-0.086***	10.740	-0.007	-0.061
Ghana (2008 - 2014)	0.207 (0.007)	0.167 (0.007)	-0.040***	4.074	-0.007	-0.035
Ghana (2003 - 2008)	0.311 (0.007)	0.207 (0.007)	-0.104***	10.763	-0.021	-0.079
Ghana (2003 - 2014)	0.311 (0.007)	0.167 (0.007)	-0.144***	14.650	-0.013	-0.055
Guinea (2005 - 2012)	0.557 (0.007)	0.472 (0.011)	-0.085***	6.554	-0.012	-0.023
Gambia (2006 - 2013)	0.336 (0.008)	0.253 (0.008)	-0.083***	6.982	-0.012	-0.040
Kenya (2003 - 2008/09)	0.299 (0.008)	0.251 (0.010)	-0.048***	3.875	-0.009	-0.031
Kenya (2008/9 - 2014)	0.251 (0.010)	0.213 (0.004)	-0.038***	3.692	-0.007	-0.029
Kenya (2003 - 2014)	0.299 (0.008)	0.213 (0.004)	-0.085***	9.953	-0.008	-0.030
Liberia (2007 - 2013)	0.485 (0.008)	0.358 (0.008)	-0.127***	10.976	-0.021	-0.049
Lesotho (2004 - 2009)	0.238 (0.005)	0.190 (0.007)	-0.048***	5.086	-0.010	-0.044
Madagascar (2004 - 2008/9)	0.374 (0.015)	0.414 (0.007)	0.040***	2.642	0.009	0.023
Mali (2006 - 2012/13)	0.559 (0.009)	0.459 (0.010)	-0.100***	7.435	-0.015	-0.030
Mozambique (2003 - 2011)	0.505 (0.007)	0.393 (0.007)	-0.112***	11.855	-0.014	-0.031
Mauritania (2007 - 2011)	0.355 (0.006)	0.285 (0.006)	-0.070***	8.162	-0.018	-0.054
Malawi (2004 - 2010)	0.381 (0.006)	0.334 (0.005)	-0.047***	6.063	-0.008	-0.022
Namibia (2000 - 2006/7)	0.199 (0.008)	0.163 (0.005)	-0.036***	3.867	-0.006	-0.030
Namibia (2006/7 - 2013)	0.163 (0.005)	0.140 (0.006)	-0.023***	3.035	-0.004	-0.023
Namibia (2000 - 2013)	0.199 (0.008)	0.140 (0.006)	-0.059***	5.997	-0.005	-0.027
Niger (2006 - 2012)	0.696 (0.007)	0.621 (0.007)	-0.075***	7.803	-0.012	-0.019
Nigeria (2003 - 2008)	0.368 (0.011)	0.313 (0.006)	-0.055***	4.537	-0.011	-0.032
Nigeria (2003 - 2013)	0.368 (0.011)	0.311 (0.007)	-0.057***	4.538	-0.006	-0.017
Nigeria (2008 - 2013)	0.313 (0.006)	0.311 (0.007)	-0.002	0.271	-0.000	-0.002
Rwanda (2010 - 2014/15)	0.330 (0.005)	0.259 (0.005)	-0.071***	9.889	-0.016	-0.052
Rwanda (2005 - 2014/15)	0.461 (0.005)	0.259 (0.005)	-0.202***	29.174	-0.021	-0.059
Rwanda (2005 - 2010)	0.461 (0.005)	0.330 (0.005)	-0.131***	17.377	-0.026	-0.064
Senegal (2010/11 - 2012/13)	0.351 (0.011)	0.352 (0.012)	0.000	0.019	0.000	0.000
Senegal (2005 - 2010/11)	0.383 (0.019)	0.351 (0.011)	-0.032	1.463	-0.006	-0.016
Senegal (2005 - 2012/13)	0.383 (0.019)	0.352 (0.012)	-0.032	1.407	-0.004	-0.012
Sierra Leone (2008 - 2013)	0.470 (0.008)	0.464 (0.008)	-0.006	0.524	-0.001	-0.003
Sao Tome and Principe (2000 - 2008/09)	0.272 (0.012)	0.182 (0.008)	-0.089***	6.093	-0.010	-0.046
Togo (2010 - 2013/14)	0.250 (0.007)	0.239 (0.010)	-0.011	0.969	-0.003	-0.013
Tanzania (2008 - 2010)	0.371 (0.008)	0.335 (0.007)	-0.037***	3.482	-0.018	-0.050
Uganda (2006 - 2011)	0.420 (0.007)	0.343 (0.009)	-0.077***	5.826	-0.015	-0.039
South Africa (2008 - 2012)	0.076 (0.005)	0.043 (0.004)	-0.033***	5.184	-0.008	-0.133
Zambia (2001/2 - 2013/14)	0.400 (0.008)	0.292 (0.005)	-0.108***	12.185	-0.009	-0.026
Zambia (2007 - 2013/14)	0.333 (0.007)	0.292 (0.005)	-0.041***	5.008	-0.006	-0.020
Zambia (2001/2 - 2007)	0.400 (0.008)	0.333 (0.007)	-0.067***	6.523	-0.012	-0.033
Zimbabwe (2010/11 - 2014)	0.136 (0.005)	0.127 (0.003)	-0.009	1.561	-0.003	-0.020

Notes: * $p < 0.10$ ** $p < 0.05$ *** $p < 0.01$ (two-tailed tests); t-value for absolute change.

Table A4. National results for H

Country (year comparison)	H		Absolute change (ΔH)	t-value (ΔH)	Annualised change	
	t_1 (s.e.)	t_2 (s.e.)			Absolute	Relative
Burundi (2005 - 2010)	0.819 (0.008)	0.728 (0.008)	-0.091***	8.027	-0.018	-0.023
Benin (2006 - 2011/12)	0.721 (0.008)	0.633 (0.007)	-0.088***	8.264	-0.016	-0.023
Benin (2001 - 2006)	0.791 (0.009)	0.721 (0.008)	-0.070***	5.844	-0.014	-0.018
Benin (2001 - 2011/12)	0.791 (0.009)	0.633 (0.007)	-0.158***	13.696	-0.015	-0.021
Burkina Faso (2003 - 2010)	0.896 (0.007)	0.847 (0.007)	-0.049***	5.268	-0.007	-0.008
C. African Republic (2000 - 2010)	0.840 (0.005)	0.796 (0.007)	-0.044***	4.954	-0.004	-0.005
Cote d'Ivoire (2005 - 2011/12)	0.615 (0.014)	0.552 (0.011)	-0.063***	3.566	-0.010	-0.017
Cameroon (2004 - 2011)	0.538 (0.013)	0.460 (0.011)	-0.077***	4.768	-0.011	-0.022
DR Congo (2007 - 2013/14)	0.865 (0.012)	0.750 (0.012)	-0.115***	6.726	-0.018	-0.022
The Republic of the Congo (2009 - 2011/12)	0.406 (0.011)	0.335 (0.010)	-0.071***	4.919	-0.028	-0.074
The Republic of the Congo (2005 - 2009)	0.499 (0.017)	0.406 (0.011)	-0.092***	4.581	-0.023	-0.050
The Republic of the Congo (2005 - 2011/12)	0.499 (0.017)	0.335 (0.010)	-0.164***	8.264	-0.025	-0.059
Comoros (2000 - 2012)	0.739 (0.015)	0.328 (0.016)	-0.411***	19.150	-0.034	-0.065
Ethiopia (2005 - 2011)	0.899 (0.006)	0.852 (0.008)	-0.047***	4.666	-0.008	-0.009
Ethiopia (2000 - 2011)	0.936 (0.003)	0.852 (0.008)	-0.084***	9.221	-0.008	-0.008
Ethiopia (2000 - 2005)	0.936 (0.003)	0.899 (0.006)	-0.037***	5.681	-0.007	-0.008
Gabon (2000 - 2012)	0.354 (0.012)	0.174 (0.010)	-0.180***	10.825	-0.015	-0.057
Ghana (2008 - 2014)	0.428 (0.012)	0.359 (0.013)	-0.069***	3.894	-0.011	-0.029
Ghana (2003 - 2008)	0.590 (0.011)	0.428 (0.012)	-0.162***	9.831	-0.032	-0.062
Ghana (2003 - 2014)	0.590 (0.011)	0.359 (0.013)	-0.231***	13.498	-0.021	-0.044
Guinea (2005 - 2012)	0.867 (0.007)	0.770 (0.013)	-0.097***	6.419	-0.014	-0.017
Gambia (2006 - 2013)	0.625 (0.011)	0.512 (0.014)	-0.112***	6.098	-0.016	-0.028
Kenya (2003 - 2008/09)	0.605 (0.012)	0.526 (0.016)	-0.079***	3.906	-0.014	-0.025
Kenya (2008/9 - 2014)	0.526 (0.016)	0.459 (0.007)	-0.067***	3.759	-0.012	-0.024
Kenya (2003 - 2014)	0.605 (0.012)	0.459 (0.007)	-0.146***	10.382	-0.013	-0.025
Liberia (2007 - 2013)	0.839 (0.010)	0.694 (0.013)	-0.145***	8.790	-0.024	-0.031
Lesotho (2004 - 2009)	0.508 (0.010)	0.422 (0.014)	-0.086***	4.759	-0.017	-0.037
Madagascar (2004 - 2008/9)	0.670 (0.021)	0.733 (0.011)	0.063***	2.875	0.014	0.020
Mali (2006 - 2012/13)	0.863 (0.011)	0.779 (0.013)	-0.085***	4.921	-0.013	-0.016
Mozambique (2003 - 2011)	0.823 (0.007)	0.703 (0.010)	-0.120***	9.902	-0.015	-0.019
Mauritania (2007 - 2011)	0.620 (0.009)	0.521 (0.010)	-0.099***	7.413	-0.025	-0.042
Malawi (2004 - 2010)	0.721 (0.010)	0.667 (0.008)	-0.054***	4.330	-0.009	-0.013
Namibia (2000 - 2006/7)	0.424 (0.016)	0.357 (0.010)	-0.067***	3.623	-0.010	-0.026
Namibia (2006/7 - 2013)	0.357 (0.010)	0.316 (0.012)	-0.040***	2.621	-0.006	-0.018
Namibia (2000 - 2013)	0.424 (0.016)	0.316 (0.012)	-0.108***	5.392	-0.008	-0.022
Niger (2006 - 2012)	0.935 (0.005)	0.900 (0.006)	-0.035***	4.623	-0.006	-0.006
Nigeria (2003 - 2008)	0.636 (0.016)	0.547 (0.009)	-0.089***	4.956	-0.018	-0.030
Nigeria (2003 - 2013)	0.636 (0.016)	0.544 (0.009)	-0.092***	5.013	-0.009	-0.015
Nigeria (2008 - 2013)	0.547 (0.009)	0.544 (0.009)	-0.003	0.230	-0.001	-0.001
Rwanda (2010 - 2014/15)	0.661 (0.009)	0.539 (0.009)	-0.122***	9.566	-0.027	-0.044
Rwanda (2005 - 2014/15)	0.829 (0.008)	0.539 (0.009)	-0.290***	25.261	-0.031	-0.044
Rwanda (2005 - 2010)	0.829 (0.008)	0.661 (0.009)	-0.168***	13.946	-0.034	-0.044
Senegal (2010/11 - 2012/13)	0.607 (0.016)	0.619 (0.019)	0.011	0.462	0.006	0.009
Senegal (2005 - 2010/11)	0.637 (0.026)	0.607 (0.016)	-0.030	0.954	-0.005	-0.009
Senegal (2005 - 2012/13)	0.637 (0.026)	0.619 (0.019)	-0.018	0.564	-0.002	-0.004
Sierra Leone (2008 - 2013)	0.791 (0.010)	0.807 (0.011)	0.016	1.055	0.003	0.004
Sao Tome and Principe (2000 - 2008/09)	0.520 (0.020)	0.385 (0.016)	-0.136***	5.327	-0.016	-0.035
Togo (2010 - 2013/14)	0.497 (0.011)	0.480 (0.015)	-0.017	0.922	-0.005	-0.010
Tanzania (2008 - 2010)	0.656 (0.012)	0.611 (0.011)	-0.045***	2.877	-0.023	-0.035
Uganda (2006 - 2011)	0.779 (0.011)	0.668 (0.015)	-0.111***	5.248	-0.022	-0.030
South Africa (2008 - 2012)	0.178 (0.011)	0.105 (0.008)	-0.073***	5.204	-0.018	-0.124
Zambia (2001/2 - 2013/14)	0.724 (0.012)	0.584 (0.008)	-0.140***	9.569	-0.012	-0.018
Zambia (2007 - 2013/14)	0.650 (0.012)	0.584 (0.008)	-0.066***	4.535	-0.010	-0.016
Zambia (2001/2 - 2007)	0.724 (0.012)	0.650 (0.012)	-0.074***	4.278	-0.013	-0.019
Zimbabwe (2010/11 - 2014)	0.319 (0.011)	0.297 (0.008)	-0.022*	1.676	-0.006	-0.020

Notes: * $p < 0.10$ ** $p < 0.05$,*** $p < 0.01$ (two-tailed tests); t-value for absolute change.

Table A5. National results for A

Country (year comparison)	A		Absolute change (ΔA)	t-value (ΔA)	Annualised change	
	t_1 (s.e.)	t_2 (s.e.)			Absolute	Relative
Burundi (2005 - 2010)	0.614 (0.004)	0.597 (0.003)	-0.017***	3.483	-0.003	-0.006
Benin (2006 - 2011/12)	0.574 (0.004)	0.497 (0.002)	-0.077***	18.218	-0.014	-0.026
Benin (2001 - 2006)	0.599 (0.006)	0.574 (0.004)	-0.025***	3.645	-0.005	-0.009
Benin (2001 - 2011/12)	0.599 (0.006)	0.497 (0.002)	-0.102***	16.381	-0.010	-0.018
Burkina Faso (2003 - 2010)	0.692 (0.005)	0.644 (0.004)	-0.048***	7.384	-0.007	-0.010
C. African Republic (2000 - 2010)	0.599 (0.003)	0.553 (0.003)	-0.045***	9.875	-0.005	-0.008
Cote d'Ivoire (2005 - 2011/12)	0.574 (0.007)	0.551 (0.004)	-0.023***	2.884	-0.004	-0.006
Cameroon (2004 - 2011)	0.553 (0.007)	0.538 (0.007)	-0.015	1.483	-0.002	-0.004
DR Congo (2007 - 2013/14)	0.609 (0.007)	0.534 (0.004)	-0.075***	8.936	-0.012	-0.020
The Republic of the Congo (2009 - 2011/12)	0.512 (0.004)	0.497 (0.003)	-0.015***	2.894	-0.006	-0.012
The Republic of the Congo (2005 - 2009)	0.521 (0.005)	0.512 (0.004)	-0.009	1.388	-0.002	-0.004
The Republic of the Congo (2005 - 2011/12)	0.521 (0.005)	0.497 (0.003)	-0.024***	3.762	-0.004	-0.007
Comoros (2000 - 2012)	0.552 (0.008)	0.486 (0.009)	-0.067***	5.690	-0.006	-0.011
Ethiopia (2005 - 2011)	0.672 (0.004)	0.618 (0.005)	-0.055***	8.861	-0.009	-0.014
Ethiopia (2000 - 2011)	0.723 (0.003)	0.618 (0.005)	-0.105***	18.609	-0.010	-0.014
Ethiopia (2000 - 2005)	0.723 (0.003)	0.672 (0.004)	-0.051***	10.315	-0.010	-0.014
Gabon (2000 - 2012)	0.455 (0.004)	0.433 (0.004)	-0.022***	3.461	-0.002	-0.004
Ghana (2008 - 2014)	0.482 (0.005)	0.464 (0.006)	-0.019**	2.261	-0.003	-0.006
Ghana (2003 - 2008)	0.527 (0.004)	0.482 (0.005)	-0.045***	6.694	-0.009	-0.018
Ghana (2003 - 2014)	0.527 (0.004)	0.464 (0.006)	-0.063***	8.178	-0.006	-0.012
Guinea (2005 - 2012)	0.642 (0.005)	0.614 (0.007)	-0.029***	3.211	-0.004	-0.007
Gambia (2006 - 2013)	0.538 (0.005)	0.494 (0.005)	-0.043***	5.705	-0.006	-0.012
Kenya (2003 - 2008/09)	0.494 (0.005)	0.478 (0.007)	-0.016*	1.935	-0.003	-0.006
Kenya (2008/9 - 2014)	0.478 (0.007)	0.465 (0.003)	-0.012*	1.767	-0.002	-0.005
Kenya (2003 - 2014)	0.494 (0.005)	0.465 (0.003)	-0.029***	4.930	-0.003	-0.005
Liberia (2007 - 2013)	0.577 (0.004)	0.516 (0.006)	-0.062***	8.777	-0.010	-0.019
Lesotho (2004 - 2009)	0.468 (0.003)	0.450 (0.004)	-0.018***	3.231	-0.004	-0.008
Madagascar (2004 - 2008/9)	0.558 (0.006)	0.565 (0.004)	0.007	0.940	0.002	0.003
Mali (2006 - 2012/13)	0.648 (0.005)	0.589 (0.005)	-0.059***	8.150	-0.009	-0.014
Mozambique (2003 - 2011)	0.613 (0.004)	0.559 (0.004)	-0.054***	9.933	-0.007	-0.012
Mauritania (2007 - 2011)	0.572 (0.004)	0.546 (0.004)	-0.026***	4.589	-0.007	-0.012
Malawi (2004 - 2010)	0.528 (0.003)	0.501 (0.003)	-0.027***	7.011	-0.004	-0.009
Namibia (2000 - 2006/7)	0.469 (0.006)	0.457 (0.004)	-0.012*	1.751	-0.002	-0.004
Namibia (2006/7 - 2013)	0.457 (0.004)	0.443 (0.006)	-0.014**	2.060	-0.002	-0.005
Namibia (2000 - 2013)	0.469 (0.006)	0.443 (0.006)	-0.026***	3.228	-0.002	-0.004
Niger (2006 - 2012)	0.744 (0.006)	0.690 (0.005)	-0.054***	7.449	-0.009	-0.013
Nigeria (2003 - 2008)	0.579 (0.007)	0.573 (0.004)	-0.006	0.696	-0.001	-0.002
Nigeria (2003 - 2013)	0.579 (0.007)	0.572 (0.005)	-0.007	0.815	-0.001	-0.001
Nigeria (2008 - 2013)	0.573 (0.004)	0.572 (0.005)	-0.001	0.224	-0.000	-0.000
Rwanda (2010 - 2014/15)	0.499 (0.003)	0.481 (0.003)	-0.019***	4.500	-0.004	-0.008
Rwanda (2005 - 2014/15)	0.556 (0.003)	0.481 (0.003)	-0.075***	18.616	-0.008	-0.015
Rwanda (2005 - 2010)	0.556 (0.003)	0.499 (0.003)	-0.056***	13.469	-0.011	-0.021
Senegal (2010/11 - 2012/13)	0.579 (0.008)	0.568 (0.007)	-0.010	0.965	-0.005	-0.009
Senegal (2005 - 2010/11)	0.602 (0.011)	0.579 (0.008)	-0.024*	1.781	-0.004	-0.007
Senegal (2005 - 2012/13)	0.602 (0.011)	0.568 (0.007)	-0.034**	2.583	-0.005	-0.008
Sierra Leone (2008 - 2013)	0.594 (0.006)	0.575 (0.005)	-0.019***	2.627	-0.004	-0.007
Sao Tome and Principe (2000 - 2008/09)	0.522 (0.007)	0.475 (0.006)	-0.048***	5.560	-0.006	-0.011
Togo (2010 - 2013/14)	0.503 (0.005)	0.497 (0.008)	-0.006	0.650	-0.002	-0.003
Tanzania (2008 - 2010)	0.566 (0.005)	0.548 (0.004)	-0.018***	3.070	-0.009	-0.016
Uganda (2006 - 2011)	0.539 (0.004)	0.514 (0.005)	-0.025***	3.663	-0.005	-0.009
South Africa (2008 - 2012)	0.424 (0.004)	0.408 (0.004)	-0.016***	2.749	-0.004	-0.009
Zambia (2001/2 - 2013/14)	0.552 (0.003)	0.500 (0.003)	-0.052***	12.190	-0.004	-0.008
Zambia (2007 - 2013/14)	0.512 (0.004)	0.500 (0.003)	-0.012***	2.847	-0.002	-0.004
Zambia (2001/2 - 2007)	0.552 (0.003)	0.512 (0.004)	-0.040***	8.089	-0.007	-0.014
Zimbabwe (2010/11 - 2014)	0.427 (0.003)	0.427 (0.003)	0.000	0.052	0.000	0.000

Notes: * $p < 0.10$ ** $p < 0.05$, *** $p < 0.01$ (two-tailed tests); t-value for absolute change.

Table A6. Highest performing regions

Country	Region	MPI in t_1	ΔMPI	$\bar{\Delta} MPI$	H in t_1	ΔH^a	$\bar{\Delta} H^b$	A in t_1	ΔA^a	$\bar{\Delta} A^b$
Rep. of the Congo (2009 - 2011/12)	Likouala	0.389	-0.115***	-0.046	0.739	-0.197***	-0.079	0.526	-0.021	-0.008
Rep. of the Congo (2009 - 2011/12)	Sangha	0.400	-0.106**	-0.042	0.662	-0.136**	-0.054	0.604	-0.045*	-0.018
Rep. of the Congo (2009 - 2011/12)	Cuvette-Ouest	0.396	-0.096***	-0.038	0.733	-0.132***	-0.053	0.541	-0.041**	-0.016
DR Congo (2007 - 2013/14)	Nord-Kivu	0.588	-0.240***	-0.037	0.944	-0.274***	-0.042	0.624	-0.103***	-0.016
Rep. of the Congo (2009 - 2011/12)	Pool	0.332	-0.092***	-0.037	0.626	-0.135**	-0.054	0.530	-0.041***	-0.017
Mauritania (2007 - 2011)	Hodh Charghy	0.552	-0.141***	-0.035	0.918	-0.165***	-0.041	0.602	-0.055***	-0.014
DR Congo (2007 - 2013/14)	Orientale	0.606	-0.204***	-0.031	0.959	-0.184***	-0.028	0.632	-0.113***	-0.017
Mauritania (2007 - 2011)	Gorgol	0.576	-0.117***	-0.029	0.886	-0.097***	-0.024	0.650	-0.069***	-0.017
Benin (2006 - 2011/12)	Donga	0.503	-0.159***	-0.029	0.868	-0.151***	-0.027	0.579	-0.100***	-0.018
Ghana (2003 - 2008)	Upper West	0.518	-0.144***	-0.029	0.875	-0.154***	-0.031	0.593	-0.074***	-0.015
Uganda (2006 - 2011)	Western	0.470	-0.143***	-0.029	0.869	-0.213***	-0.043	0.540	-0.042**	-0.008
Mauritania (2007 - 2011)	Brakna	0.420	-0.114***	-0.028	0.767	-0.185***	-0.046	0.548	-0.021	-0.005
DR Congo (2007 - 2013/14)	Bandundu	0.620	-0.184***	-0.028	0.939	-0.102***	-0.016	0.660	-0.140***	-0.021
Mali (2006 - 2012/13)	Koulikoro	0.624	-0.184***	-0.028	0.927	-0.172***	-0.026	0.673	-0.090***	-0.014
Ghana (2003 - 2008)	Eastern	0.285	-0.141***	-0.028	0.567	-0.231***	-0.046	0.502	-0.074***	-0.015
Tanzania (2008 - 2010)	Zanzibar	0.269	-0.056***	-0.028	0.485	-0.071**	-0.035	0.554	-0.040***	-0.020
Rwanda (2005 - 2010)	North	0.481	-0.139***	-0.028	0.866	-0.162***	-0.032	0.556	-0.069***	-0.014
Lesotho (2004 - 2009)	Qacha's-Nek	0.354	-0.138***	-0.028	0.704	-0.220***	-0.044	0.502	-0.056***	-0.011
Kenya (2003 - 2008/09)	North Eastern	0.681	-0.146***	-0.026	0.979	-0.096***	-0.017	0.695	-0.090***	-0.016
Rwanda (2005 - 2010)	South	0.469	-0.131***	-0.026	0.838	-0.168***	-0.034	0.560	-0.056***	-0.011

Notes: ^a absolute change with significance level: * $p < 0.10$ ** $p < 0.05$, *** $p < 0.01$ (two-tailed tests); ^b annualised absolute change.

Table A7. Ranking of absolute reductions in censored headcount ratios

Country	Rank 1	Rank 2	Rank 3
Benin (2001 - 2006)	attendance	mortality	toilet
Benin (2001 - 2011/12)	mortality	nutrition	attendance
Benin (2006 - 2011/12)	nutrition	mortality	electricity
Burkina Faso (2003 - 2010)	attendance	water	nutrition
Burundi (2005 - 2010)	assets	schooling	water
C. African Republic (2000 - 2010)	attendance	schooling	mortality
Cameroon (2004 - 2011)	assets	toilet	electricity
Comoros (2000 - 2012)	toilet	cooking	assets
Cote d'Ivoire (2005 - 2011/12)	toilet	attendance	water
DR Congo (2007 - 2013/14)	mortality	attendance	toilet
Ethiopia (2000 - 2005)	water	schooling	toilet
Ethiopia (2000 - 2011)	schooling	attendance	water
Ethiopia (2005 - 2011)	attendance	schooling	electricity
Gabon (2000 - 2012)	cooking	toilet	assets
Gambia (2006 - 2013)	electricity	nutrition	mortality
Ghana (2003 - 2008)	attendance	toilet	cooking
Ghana (2003 - 2014)	electricity	toilet	cooking
Ghana (2008 - 2014)	electricity	floor	cooking
Guinea (2005 - 2012)	schooling	assets	toilet
Kenya (2003 - 2008/09)	toilet	water	electricity
Kenya (2003 - 2014)	toilet	water	electricity
Kenya (2008/9 - 2014)	electricity	cooking	floor
Lesotho (2004 - 2009)	toilet	electricity	assets
Liberia (2007 - 2013)	attendance	assets	electricity
Madagascar (2004 - 2008/9)			
Malawi (2004 - 2010)	water	assets	toilet
Mali (2006 - 2012/13)	mortality	assets	toilet
Mauritania (2007 - 2011)	assets	water	toilet
Mozambique (2003 - 2011)	toilet	schooling	electricity
Namibia (2000 - 2006/7)	assets	electricity	floor
Namibia (2000 - 2013)	floor	electricity	toilet
Namibia (2006/7 - 2013)	floor	electricity	toilet
Niger (2006 - 2012)	water	attendance	mortality
Nigeria (2003 - 2008)	toilet	water	mortality
Nigeria (2003 - 2013)	toilet	water	mortality
Nigeria (2008 - 2013)	mortality		
Rwanda (2005 - 2010)	toilet	water	assets
Rwanda (2005 - 2014/15)	toilet	water	electricity
Rwanda (2010 - 2014/15)	mortality	electricity	cooking
Sao Tome and Principe (2000 - 2008/09)	toilet	assets	cooking
Senegal (2005 - 2010/11)	water	electricity	toilet
Senegal (2005 - 2012/13)	floor	schooling	mortality
Senegal (2010/11 - 2012/13)	floor		
Sierra Leone (2008 - 2013)	schooling	attendance	water
South Africa (2008 - 2012)	cooking	toilet	electricity
Tanzania (2008 - 2010)	toilet	assets	mortality
The Republic of the Congo (2005 - 2009)	assets	cooking	water
The Republic of the Congo (2005 - 2011/12)	assets	cooking	toilet
The Republic of the Congo (2009 - 2011/12)	mortality	toilet	cooking
Togo (2010 - 2013/14)	assets	schooling	floor
Uganda (2006 - 2011)	assets	water	toilet
Zambia (2001/2 - 2007)	attendance	assets	toilet
Zambia (2001/2 - 2013/14)	assets	toilet	electricity
Zambia (2007 - 2013/14)	water	toilet	electricity
Zimbabwe (2010/11 - 2014)	assets	mortality	

Notes: If a specific entry is missing, the reduction was not significant.

Table A8. Growth rate in GDP per capita

Country	GDP		Annual growth rate
	t_1	t_2	$t_1 - t_2$
Benin (2006 - 2011/12)	591.4	610.7	0.6
Benin (2001 - 2006)	582.3	591.4	0.3
Benin (2001 - 2011/12)	582.3	610.7	0.5
Burkina Faso (2003 - 2010)	380.3	470.0	3.1
C. African Republic (2000 - 2010)	330.9	352.3	0.6
Cote d'Ivoire (2005 - 2011/12)	942.2	884.7	-1.0
DR Congo (2007 - 2013/14)	223.8	268.3	2.8
The Republic of the Congo (2009 - 2011/12)	1827.7	1944.1	2.5
The Republic of the Congo (2005 - 2009)	1737.6	1827.7	1.3
The Republic of the Congo (2005 - 2011/12)	1737.6	1944.1	1.7
Ethiopia (2005 - 2011)	161.9	257.1	8.0
Ethiopia (2000 - 2011)	136.6	257.1	5.9
Ethiopia (2000 - 2005)	136.6	161.9	3.4
Ghana (2003 - 2008)	472.6	562.6	3.5
Guinea (2005 - 2012)	303.8	303.5	-0.0
Kenya (2003 - 2008/09)	501.7	558.7	2.0
Lesotho (2004 - 2009)	696.8	820.8	3.3
Madagascar (2004 - 2008/9)	271.2	302.3	2.4
Mali (2006 - 2012/13)	433.8	445.7	0.4
Mozambique (2003 - 2011)	330.7	473.3	4.6
Mauritania (2007 - 2011)	802.2	793.0	-0.3
Malawi (2004 - 2010)	215.9	262.3	3.3
Namibia (2000 - 2006/7)	3007.4	3785.4	3.6
Niger (2006 - 2012)	257.4	284.2	1.7
Nigeria (2003 - 2008)	612.0	912.5	8.3
Rwanda (2005 - 2010)	286.6	373.7	5.5
Senegal (2010/11 - 2012/13)	799.4	798.2	-0.1
Senegal (2005 - 2010/11)	772.7	799.4	0.6
Senegal (2005 - 2012/13)	772.7	798.2	0.4
Sierra Leone (2008 - 2013)	354.3	501.7	7.2
Sao Tome and Principe (2000 - 2008/09)	734.9	940.2	2.9
Tanzania (2008 - 2010)	487.6	513.0	2.6
Uganda (2006 - 2011)	344.3	424.9	4.3
South Africa (2008 - 2012)	5996.8	6051.3	0.2
Zambia (2001/2 - 2013/14)	598.0	1004.7	4.4
Zambia (2007 - 2013/14)	764.7	1004.7	4.3
Zambia (2001/2 - 2007)	598.0	764.7	4.6