

Tables referenced in:

Scanlan JP. Comparing health inequalities across time and place with an understanding of the correlations between various measures of difference and overall prevalences. *Journal Review* Jan. 30, 2008, responding to Moser K, Frost C, Leon D. Comparing health inequalities across time and place—rate ratios and rate differences lead to different conclusions: analysis of cross-sectional data from 22 countries 1991–200. *Int J Epidemiol* 2007;36:1285-1291.

The tables below are referenced in the comment noted above.

In Table A, the columns reflect:

- (1) Cntry – country in Moser Table 1 (as ordered in
- (2) Yr - first or year/period indicated in Moser Table 1, of which there is some variation
- (3) HGR – under-five mortality rate per 1000 for the wealthiest quintile
- (4) LGR – under-five mortality rate per 1000 for the least wealthy quintiles
- (5) MR – mortality ratio of lowest to highest group (LGR/HGR)
- (6) SR – survival ratio of highest to lowest group $((1000-HGR)/(1000-LGR))$
- (7) AD – absolute difference between rates
- (8) HMD – estimated difference between means of hypothesized underlying risk distributions (as a percentage of one standard deviation)

Information regarding change over time, shown only in row for later year/period:

- (9) HGRC: direction of change of rate of wealthiest quintile
- (10) LGRC: direction of change of rate of least wealthy quintile
- (11) MRC – direction of change of mortality ratio (MR)
- (12) SRC – direction of change of survival ratio (SR)
- (13) ADC – direction of change of absolute difference (AD)
- (14) HMDC – direction of change of estimated difference between means (HMD)
- (15) InCh – direction of change in inequality
- (16) Meth – method of identifying direction of change in inequality

Table A: Analysis of Changes in Inequality in Under-Five Mortality Based on Data in Moser Table 1

(1)Cntry	(2)Yr	(3)HGR	(4)LGR	(5)MR	(6)SR	(7)AD	(8)HMD	(9)HGRC	(10)LGRC	(11)MRC	(12)SRC	(13)ADC	(14)HMDC	(15)InCh	(16)Meth
Bangladesh	1996/7	75.81	141.01	1.86	1.08	65.2	0.36								
Bangladesh	2000	72.37	139.67	1.93	1.08	67.3	0.38	dec	dec	inc	inc	inc	inc	inc	2
Benin	1996	110.34	208.54	1.89	1.12	98.2	0.41								
Benin	2001	93.01	198.11	2.13	1.13	105.1	0.47	dec	dec	inc	inc	inc	inc	inc	2
Cameroon	1991	81.51	200.51	2.46	1.15	119	0.56								
Cameroon	1998	87.13	199.53	2.29	1.14	112.4	0.52	inc	dec	dec	dec	dec	dec	dec	1
Colombia	1995	23.55	52.05	2.21	1.03	28.5	0.36								
Colombia	2000	20.11	39.01	1.94	1.02	18.9	0.29	dec	dec	dec	dec	dec	dec	dec	2
Egypt	1995	39.17	147.27	3.76	1.13	108.1	0.71								
Egypt	2000	33.61	97.81	2.91	1.07	64.2	0.55	dec	dec	dec	dec	dec	dec	dec	2
Ghana	1993	75.19	156.39	2.08	1.10	81.2	0.43								
Ghana	1998	52.17	138.77	2.66	1.10	86.6	0.53	dec	dec	inc	inc	inc	inc	inc	2
Guatemala	1995	37.93	89.13	2.35	1.06	51.2	0.43								
Guatemala	1998/99	39.48	77.78	1.97	1.04	38.3	0.33	inc	dec	dec	dec	dec	dec	dec	1
Haiti	1994/5	104.91	162.61	1.55	1.07	57.7	0.27								
Haiti	2000	108.24	163.44	1.51	1.07	55.2	0.26	inc	inc	dec	dec	dec	dec	dec	2
India	1992/93	54.27	154.67	2.85	1.12	100.4	0.57								
India	1998/99	45.40	141.20	3.11	1.11	95.8	0.62	dec	dec	inc	dec	dec	inc	inc	3
Kazakhstan	1995	40.00	48.40	1.21	1.01	8.4	0.09								
Kazakhstan	1999	44.70	81.80	1.83	1.04	37.1	0.31	inc	inc	inc	inc	inc	inc	inc	2
Malawi	1992	171.70	252.40	1.47	1.11	80.7	0.28								
Malawi	2000	148.73	230.53	1.55	1.11	81.8	0.30	dec	dec	inc	dec	inc	inc	inc	2
Mali	1995/6	169.47	298.27	1.76	1.18	128.8	0.43								
Mali	2001	148.81	248.51	1.67	1.13	99.7	0.36	dec	dec	dec	dec	dec	dec	dec	2
Namibia	1992	75.65	110.45	1.46	1.04	34.8	0.21								
Namibia	2000	31.58	55.58	1.76	1.03	24	0.27	dec	dec	inc	dec	dec	inc	inc	3
Nepal	1996	82.70	156.30	1.89	1.09	73.6	0.38								

(1)Cntry	(2)Yr	(3)HGR	(4)LGR	(5)MR	(6)SR	(7)AD	(8)HMD	(9)HGRC	(10)LGRC	(11)MRC	(12)SRC	(13)ADC	(14)HMDC	(15)InCh	(16)Meth
Nepal	2001	67.61	129.81	1.92	1.07	62.2	0.36	dec	dec	inc	dec	dec	dec	dec	3
Nicaragua	1997/98	29.62	68.72	2.32	1.04	39.1	0.40								
Nicaragua	2001	19.19	64.29	3.35	1.05	45.1	0.54	dec	dec	inc	inc	inc	inc	inc	2
Peru	1996	22.09	109.99	4.98	1.10	87.9	0.78								
Peru	2000	17.61	92.61	5.26	1.08	75	0.78	dec	dec	inc	dec	dec	None	None	3
Tanzania	1996	96.82	139.42	1.44	1.05	42.6	0.22								
Tanzania	1999	137.78	162.58	1.18	1.03	24.8	0.11	inc	inc	dec	dec	dec	dec	dec	2
Turkey	1993	27.11	124.71	4.6	1.11	97.6	0.77								
Turkey	1998	32.55	84.95	2.61	1.06	52.4	0.47	inc	dec	dec	dec	dec	dec	dec	1
Uganda	1995	114.20	193.00	1.69	1.10	78.8	0.33								
Uganda	2000/1	106.75	192.15	1.8	1.11	85.4	0.37	dec	dec	inc	inc	inc	inc	inc	2
Vietnam	1997	23.03	63.33	2.75	1.04	40.3	0.46								
Vietnam	2000	15.79	52.89	3.35	1.04	37.1	0.52	dec	dec	inc	dec	dec	inc	inc	3
Zambia	1996	134.56	211.26	1.57	1.10	76.7	0.31								
Zambia	2001/2	92.80	192.10	2.07	1.12	99.3	0.45	dec	dec	inc	inc	inc	inc	inc	2
Zimbabwe	1994	56.40	84.60	1.5	1.03	28.2	0.22								
Zimbabwe	1999	62.17	99.47	1.6	1.04	37.3	0.26	inc	inc	inc	inc	inc	inc	inc	2

In Table B, the columns reflect:

- (1)Cntry – country (ordered according to (2))
- (2)HMD1 – HMD in first year/period examined
- (3)RankYr1 – ranking by size of HMD in first year/period (smallest to largest)
- (4)HMD2 – HMD in final year/period examined
- (5)RankYr2 – ranking by size of HMD in final year/period (smallest to largest)

Table B: Ranking of Countries by Size of Inequality Based on Estimate of Difference Between Means of Hypothesized Underlying Distributions

(1)Cntry	(2)HMD1	(3)RankYr1	(4) HMD2	(5)RankYr2
Kazakhstan	0.09	1	0.31	7
Namibia	0.21	2	0.27	4
Zimbabwe	0.22	3	0.26	3
Tanzania	0.22	4	0.11	1
Haiti	0.27	5	0.26	2
Malawi	0.28	6	0.3	6
Zambia	0.31	7	0.45	13
Uganda	0.33	8	0.37	11
Colombia	0.36	9	0.29	5
Bangladesh	0.36	10	0.38	12
Nepal	0.38	11	0.36	9
Nicaragua	0.4	12	0.54	19
Benin	0.41	13	0.47	15
Guatemala	0.43	16	0.33	8
Ghana	0.43	14	0.53	18
Mali	0.43	15	0.36	10
Vietnam	0.46	17	0.52	16
Cameroon	0.56	18	0.52	17
India	0.57	19	0.62	21
Egypt	0.71	20	0.55	20
Turkey	0.77	21	0.47	14
Peru	0.78	22	0.78	22