

Table Supporting Comment on Zhao and Lumen

The table below is to support a comment on Zhao Z, Lumen ET. Progress toward eliminating disparities in vaccination coverage among U.S. Children 2000-2008. *Am J Prev Med* 2010;xx(x);xxx, as well as what will eventually be a web page on Vaccination Disparities. The underlying data are taken from Table 1 of the referenced article.

In Table A below the columns are:

AnalType	whether analysis is adjusted or unadjusted
Year	2000 or 2008
Subject	demographic characteristic analyzed
AG	advantaged group (group with higher rate in 2000)
DG	disadvantaged group (group with lower rate in 2000)
AVR	advantaged group vaccination rate
DVR	disadvantaged group vaccination rate
FavRatio	favorable outcome ratio (AG vaccination rate/DG vaccination rate)
AdvRatio	adverse ratio (DG no-vaccination rate/AG no-vaccination rate)
AD	absolute difference between rates
AdvOr	ratio of DG odds of no vaccination to AG odds of no vaccination
EES	estimated effect size (difference between means of hypothesized distribution of factors associated with the outcome derived from the white and minority rates; see

Table A: Advantaged and disadvantaged group vaccination rates in 2000 and 2008 with ratios for receipt and non-receipt of vaccination, absolute difference, odds ratio and estimated effect size (based on Table 1 of Zhao and Lumen)

AnalType	Year	Subject	AG	DG	AVR	DVR	FavRatio	AdvRatio	AD	AdvOR	EES
Unadjusted	2000	Race	White	Black	0.546	0.503	1.09	1.09	4.30%	1.19	0.12
Unadjusted	2008	Race	White	Black	0.753	0.727	1.04	1.11	2.60%	1.14	0.09
Adjusted	2000	Race	White	Black	0.534	0.52	1.03	1.03	1.40%	1.06	0.04
Adjusted	2008	Race	White	Black	0.746	0.752	0.99	0.98	-0.60%	0.97	na
Unadjusted	2000	Ethnicity	White	Hispanic	0.546	0.539	1.01	1.02	0.70%	1.03	0.03
Unadjusted	2008	Ethnicity	White	Hispanic	0.753	0.777	0.97	0.90	-2.40%	0.87	na
Adjusted	2000	Ethnicity	White	Hispanic	0.534	0.564	0.95	0.94	-3.00%	0.89	na
Adjusted	2008	Ethnicity	White	Hispanic	0.746	0.799	0.93	0.79	-5.30%	0.74	na
Unadjusted	2000	Siblings	0	>0	0.588	0.519	1.13	1.17	6.90%	1.32	0.19
Unadjusted	2008	Siblings	0	>0	0.807	0.747	1.08	1.31	6.00%	1.42	0.2
Adjusted	2000	Siblings	0	>0	0.589	0.521	1.13	1.17	6.80%	1.32	0.19
Adjusted	2008	Siblings	0	>0	0.81	0.754	1.07	1.29	5.60%	1.39	0.19
Unadjusted	2000	Poverty	Above	Below	0.561	0.482	1.16	1.18	7.90%	1.37	0.22
Unadjusted	2008	Poverty	Above	Below	0.777	0.724	1.07	1.24	5.30%	1.33	0.18
Adjusted	2000	Poverty	Above	Below	0.552	0.511	1.08	1.09	4.10%	1.18	0.12
Adjusted	2008	Poverty	Above	Below	0.777	0.743	1.05	1.15	3.40%	1.21	0.12

AnalType	Year	Subject	AG	DG	AVR	DVR	FavRatio	AdvRatio	AD	AdvOR	EES
Unadjusted	2000	Urban v Sub	Suburban	Urban	0.557	0.533	1.05	1.05	2.40%	1.10	0.07
Unadjusted	2008	Urban v Sub	Suburban	Urban	0.762	0.768	0.99	0.97	-0.60%	0.97	na
Adjusted	2000	Urban v Sub	Suburban	Urban	0.549	0.538	1.02	1.02	1.10%	1.05	0.04
Adjusted	2008	Urban v Sub	Suburban	Urban	0.762	0.772	0.99	0.96	-1.00%	0.95	na
Unadjusted	2000	Sub v Rural	Suburban	Rural	0.557	0.502	1.11	1.12	5.50%	1.25	0.14
Unadjusted	2008	Sub v Rural	Suburban	Rural	0.762	0.739	1.03	1.10	2.30%	1.13	0.09
Adjusted	2000	Sub v Rural	Suburban	Rural	0.557	0.52	1.07	1.08	3.70%	1.16	0.1
Adjusted	2008	Sub v Rural	Suburban	Rural	0.762	0.763	1.00	1.00	-0.10%	0.99	na
Unadjusted	2000	Education	>12years	<12years	0.574	0.507	1.13	1.16	6.70%	1.31	0.17
Unadjusted	2008	Education	>12years	<12years	0.784	0.738	1.06	1.21	4.60%	1.29	0.15
Adjusted	2000	Education	>12years	<12years	0.561	0.521	1.08	1.09	4.00%	1.17	0.11
Adjusted	2008	Education	>12years	<12years	0.78	0.753	1.04	1.12	2.70%	1.16	0.1
Unadjusted	2000	Marital Stat	Married	Notmarried	0.551	0.507	1.09	1.10	4.40%	1.19	0.12
Unadjusted	2008	Marital Stat	Married	Notmarried	0.773	0.734	1.05	1.17	3.90%	1.23	0.13
Adjusted	2000	Marital Stat	Married	Notmarried	0.544	0.529	1.03	1.03	1.50%	1.06	0.06
Adjusted	2008	Marital Stat	Married	Notmarried	0.772	0.755	1.02	1.07	1.70%	1.10	0.06
Unadjusted	2000	Age	<30	>30	0.56	0.517	1.08	1.10	4.30%	1.19	0.12
Unadjusted	2008	Age	<30	>30	0.777	0.737	1.05	1.18	4.00%	1.24	0.13
Adjusted	2000	Age	<30	>30	0.552	0.527	1.05	1.06	2.50%	1.11	0.07
Adjusted	2008	Age	<30	>30	0.776	0.753	1.03	1.10	2.30%	1.14	0.08
Unadjusted	2000	Provider	Private	Public	0.564	0.471	1.20	1.21	9.30%	1.45	0.25
Unadjusted	2008	Provider	Private	Public	0.776	0.718	1.08	1.26	5.80%	1.36	0.18
Adjusted	2000	Provider	Private	Public	0.542	0.482	1.12	1.13	6.00%	1.27	0.17
Adjusted	2008	Provider	Private	Public	0.772	0.731	1.06	1.18	4.10%	1.25	0.13
Unadjusted	2000	NumberProv	1provider	>1provider	0.55	0.519	1.06	1.07	3.10%	1.13	0.09
Unadjusted	2008	NumberProv	1provider	>1provider	0.761	0.762	1.00	1.00	-0.10%	0.99	na
Adjusted	2000	NumberProv	1provider	>1provider	0.553	0.512	1.08	1.09	4.10%	1.18	0.1
Adjusted	2008	NumberProv	1provider	>1provider	0.768	0.764	1.01	1.02	0.40%	1.02	0.02
Unadjusted	2000	Participation	Yes	No	0.547	0.567	0.96	0.96	-2.00%	0.92	na
Unadjusted	2008	Participation	Yes	No	0.772	0.753	1.03	1.08	1.90%	1.11	0.07
Adjusted	2000	Participation	Yes	No	0.556	0.528	1.05	1.06	2.80%	1.12	0.08
Adjusted	2008	Participation	Yes	No	0.776	0.732	1.06	1.20	4.40%	1.27	0.14