

Supplement
The Illusion of Sustainability

This serves as a supplement to the published paper *The Illusion of Sustainability*, Michael Kremer and Edward Miguel (2007). It outlines minor discrepancies found in data replication which do not, as a whole, affect the reported data analysis published in the paper.

The data replication generated minor discrepancies in **Table 1: Summary Statistics**. The discrepancies generated from table 01.do are highlighted in Table 1 below. These discrepancies in the Third-order exposure to schools through parent links do not impact the reported data analysis in the paper.

Table 1
Summary Statistics

	Mean	Std dev.	Obs.
Panel A: social links (Round 1 and Round 2 data)			
Third-order exposure to group 1, 2, or 3 schools through parent links	2.41228	2.192005	1678
Third-order exposure to schools (groups 1 and 2, not own school) through parent links	1.687749	1.661792	1678

The data replication generated minor discrepancies in column (3) of **Table 3: Nonexperimental Social Effect Estimates (Groups 2 and 3)**. The data generated from the table 03.do highlights typos in the original paper. The first two row present the wrong sign and the last row omits the standard deviation. These typos do not impact the reported data analysis in the paper.

Table 3
Nonexperimental Social Effect Estimates (Groups 2 and 3)

	Dependent variable: Child took deworming drugs in 2001		
	(1)	(2)	(3)
Explanatory variables:			
# Parents links with children in early treatment schools whose children received deworming and respondent does not know effects			-0.0031056 (0.0487286)
# Parent links with children in early treatment schools whose children did not receive deworming			0.0061639 (0.0553725)
#Parent links with children in early treatment schools, respondent does not know whether received deworming			-0.0096832 (0.0193029)
Total social links controls, socio-economic controls			Yes
Number of observations (parents)			886
Mean of dependent variable			0.56

The issues replicating the third order links in **Table 1** lead to minor (quantitative but not qualitative) differences in **Table 2: Validating the Randomizations (Group 2 and Group 3 Households)** and in column (5) of **Table 5: First-Order and Higher-Order Social Effect Estimates (Groups 2 and 3)**, with respect to the figures reported in the published paper. They also lead to minor differences in two of the "results not shown" statements related to third order links.

Table 5
First-Order and Higher-Order Social Effect Estimates (Groups 2 and 3)

	Dependent variable: Child took deworming drugs in 2001				
	(1)	(2)	(3)	(4)	(5)
Explanatory variables:					
# Parent links with children in early treatment schools (groups 1 and 2, not own school)					-0.0427589 (0.0147044)
# Parent links with children in Group 1, 2, or 3 schools, not own school					-0.0057136 (0.0472289)
Proportion direct parent links with children in early treatment schools					--
Second-order exposure to early treatment schools					-0.0498969 (0.0140706)
Second-order exposure to group 1, 2, or 3 schools					0.0331354 (0.0125586)
Proportion second-order parent links with children in early treatment schools					--
Third-order exposure to early treatment schools					-0.0179746 (0.0240214)
Third-order exposure to group 1, 2, or 3 schools					0.0136555 (0.0213112)
Total social links controls, socio-economic controls					Yes
Number of observations (parents)					1,678
Mean of dependent variable					0.61

Table 2
Validating the Randomizations (Group 2 and Group 3 Households)

	Dependent variable:					
	Respondent years of education OLS (1)	Community group member Probit (2)	Total number of children OLS (3)	Iron roof at home Probit (4)	Distance to school (km) OLS (5)	Moderate- heavy infection, 2001 Probit (6)
Explanatory variables:						
# Parent links with children in early treatment schools	0.0467135 (0.0791909)	-0.0086164 (0.0114711)	-0.0297254 (0.0614188)	0.0320135 (0.013500)	-0.215033 (0.1279312)	0.0007804 (0.018417)
# Parent links with children in Group 1, 2, or 3 schools, not own school	0.1728339 (0.0973021)	0.0070022 (0.0130715)	-0.026836 (0.0644272)	-0.0156196 (0.0171691)	0.2559068 (0.0942121)	-0.012392 (0.0221006)
Second-order exposure to early treatment schools	-0.1242764 (0.0881352)	0.0105621 (0.0107336)	-0.0413804 (0.0569286)	0.0192149 (0.0113241)	-0.1865319 (0.0814028)	0.0439722 (0.0266339)
Second-order exposure to group 1, 2, or 3 schools	0.0921067 (0.0789414)	-0.0059301 (0.0080029)	0.0340271 (0.0466562)	-0.0113518 (0.0102283)	0.0069468 (0.0995535)	-0.0209155 (0.0192046)
Third-order exposure to early treatment schools	-0.0969787 (0.1630834)	0.0262168 (0.0213246)	0.0931234 (0.1215364)	-0.009286 (0.0280841)	-0.2857968 (0.2127739)	-0.0146459 (0.025604)
Third-order exposure to group 1, 2, or 3 schools	-0.0313389 (0.1322214)	-0.0102143 (0.0158593)	-0.0607059 (0.0995675)	0.0070212 (0.0238065)	0.3053257 (0.1787831)	0.101 (0.078)
Cost-sharing school indicator	0.1552409 (0.2950009)	-0.0051646 (0.0419234)	0.0719411 (0.2268885)	0.0141231 (0.0591879)	1.328013 (0.8501599)	0.031022 (0.1068603)
Group 2 school indicator	-0.5385858 (0.2919751)	-0.0233955 (0.0399196)	0.1215607 (0.1942174)	0.0192307 (0.047449)	-0.0969888 (.2927488)	-0.1962459 (.073484)
Total social links controls, socio-economic controls	Yes	Yes	Yes	Yes	Yes	Yes
Number of observations (parents)	1,678	1,678	1,678	1,678	1,678	1,678
Mean (s.d.) of dependent variable	4.6 (3.9)	0.58 (0.49)	5.5 (2.3)	0.61 (0.49)	1.7 (1.9)	0.31 (0.45)

The data replication generated minor discrepancies in **Table 8: PSDP Health Behavior Impacts (1999)**. The numbers generated from table 08.do file are listed below. These discrepancies do not impact the reported data analysis in the paper.

Table 8
PSDP Health Behavior Impacts (1999)

	Overall cross-school externality effect for Group 2
<u>Panel C: Health behaviors, all pupils (Grades 3-8)</u>	
Clean (observed by field worker), 1999	0.016 (0.17)
Wears shoes (observed by field worker), 1999	0.01 (0.06)
Days contact with fresh water in past week (self-reported),1999	0.95 (0.50)