ONLINE APPENDIX: HOW MUCH CAN WE GENERALIZE FROM IMPACT EVALUATIONS?

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Appendix A: Guide to Appendices

A.1. Appendix B: Additional Tables and Figures.

A.2. Further Online Appendices

Having to describe data from twenty different meta-analyses and systematic reviews, I must rely in part on online appendices. The following are available at http://www.evavivalt.com/appendices-generalize:

C) Sample R code estimating random-effects and mixed models.

D) Derivation of mixed model estimation strategy.

E) Additional figures for each intervention-outcome.

F) The search terms and inclusion criteria for each topic.

G) Bibliography of included and excluded papers.

H) The coding manual.

I) Further details on the data collection process.

Appendix B: Additional Results

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Journal of the European Economic Association
Preprint prepared on 8 April 2020 using jeea.cls *v1.0.*

FIGURE B.1. AidGrade's Strategy

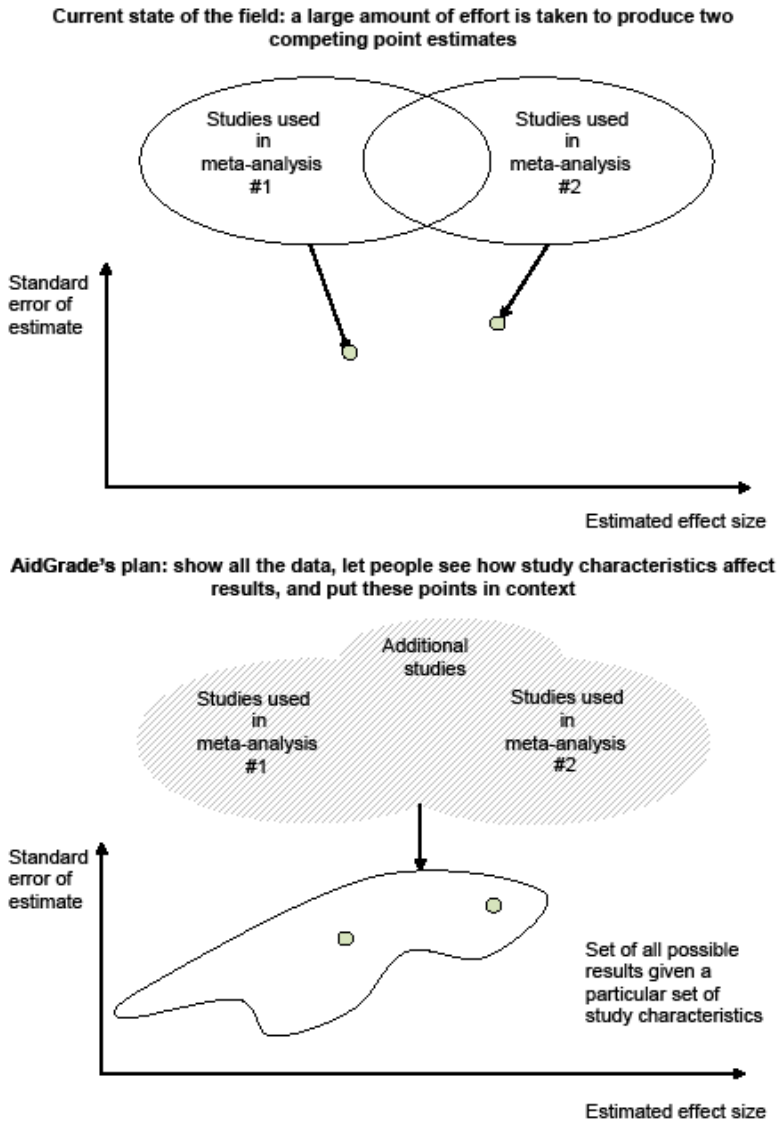

FIGURE B.2. Number of Papers on Each Unstandardized Outcome by Intervention

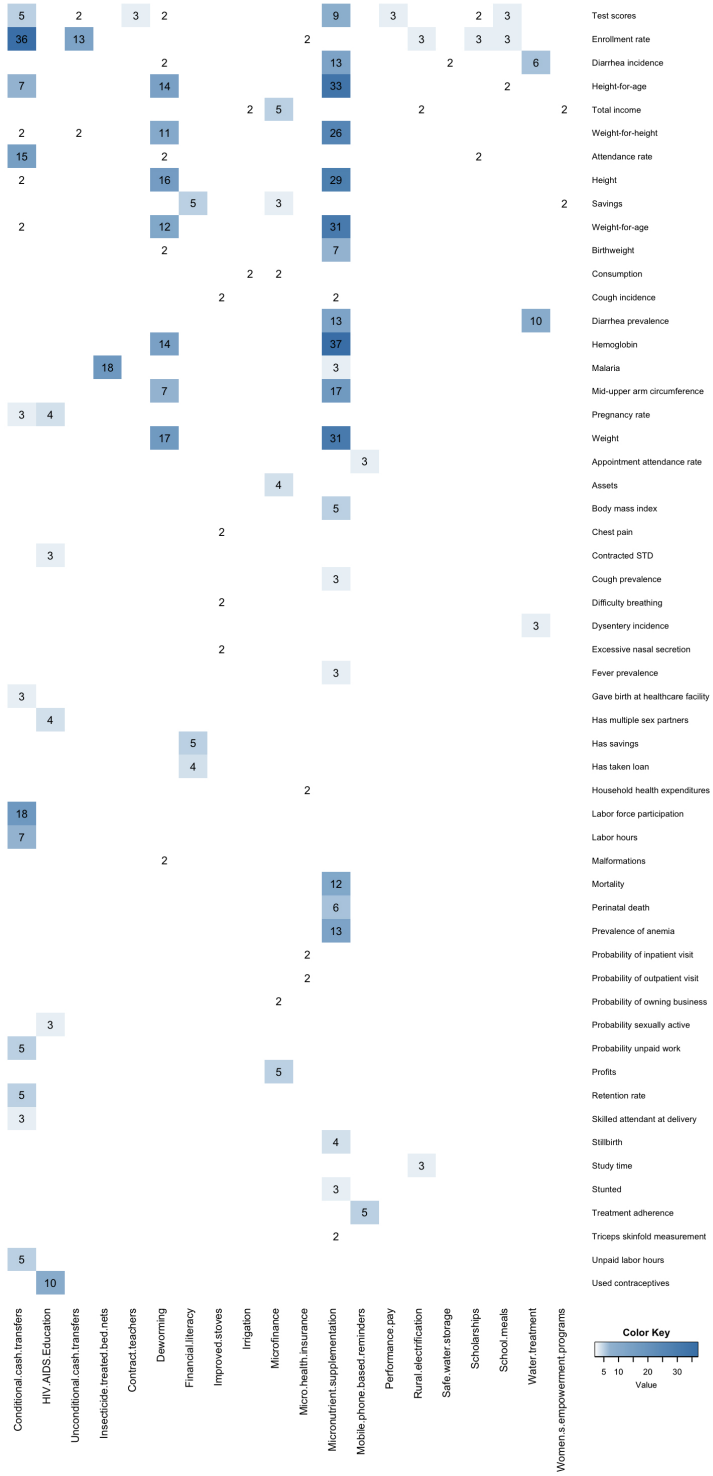

TABLE B.1. Descriptive Statistics: Strictly Defined Outcomes

Intervention	Outcome	# Neg sig papers	# Insig papers	# Pos sig papers	# Papers
Conditional cash transfers	Attendance rate	0	6	8	14
Conditional cash transfers	Enrollment rate	0	7	29	36
Conditional cash transfers	Gave birth at healthcare facility	0	2	1	3
Conditional cash transfers	Height	0	1	1	2
Conditional cash transfers	Height-for-age	0	6	1	7
Conditional cash transfers	Labor force participation	1	12	5	18
Conditional cash transfers	Labor hours	0	3	4	7
Conditional cash transfers	Pregnancy rate	1	1	1	3
Conditional cash transfers	Probability unpaid work	1	0	4	5
Conditional cash transfers	Retention rate	0	3	2	5
Conditional cash transfers	Skilled attendant at delivery	0	3	0	3
Conditional cash transfers	Test scores	1	2	2	5
Conditional cash transfers	Unpaid labor hours	0	2	3	5
Conditional cash transfers	Weight-for-age	0	2	0	2
Conditional cash transfers	Weight-for-height	0	1	1	2
Contract teachers	Test scores	0	1	2	3
Deworming	Attendance rate	0	1	1	2
Deworming	Birthweight	0	2	0	2
Deworming	Height	3	10	3	16
Deworming	Height-for-age	1	9	4	14
Deworming	Hemoglobin	0	13	1	14
Deworming	Malformations	0	2	0	2
Deworming	Mid-upper arm circumference	2	0	5	7
Deworming	Test scores	0	0	2	2
Deworming	Weight	3	8	6	17
Deworming	Weight-for-age	1	6	5	12
Deworming	Weight-for-height	2	7	2	11
Financial literacy	Has savings	0	4	0	4
Financial literacy	Has taken loan	0	4	0	4
Financial literacy	Savings	0	2	3	5
HIV/AIDS education	Contracted STD	0	2	0	2
HIV/AIDS education	Has multiple sex partners	0	2	0	2
HIV/AIDS education	Pregnancy rate	0	1	1	2

HIV/AIDS education	Probability sexually active	0	2	0	2
HIV/AIDS education	Used contraceptives	0	2	2	4
Improved stoves	Chest pain	0	0	2	2
Improved stoves	Cough	0	0	2	2
Improved stoves	Difficulty breathing	0	0	2	2
Improved stoves	Excessive nasal secretion	0	1	1	2
Insecticide-treated bed nets	Malaria	0	4	6	10
Irrigation	Consumption	0	1	1	2
Irrigation	Total income	0	1	1	2
Micro health insurance	Household health expenditures	0	1	1	2
Micro health insurance	Probability of inpatient visit	0	2	0	2
Micro health insurance	Probability of outpatient visit	0	2	0	2
Microfinance	Assets	0	3	1	4
Microfinance	Consumption	0	2	0	2
Microfinance	Probability of owning business	0	1	1	2
Microfinance	Profits	1	3	1	5
Microfinance	Savings	0	3	0	3
Microfinance	Total income	0	3	2	5
Micronutrient supplementation	Birthweight	0	4	3	7
Micronutrient supplementation	Body mass index	0	1	4	5
Micronutrient supplementation	Cough prevalence	0	2	0	2
Micronutrient supplementation	Diarrhea incidence	0	3	4	7
Micronutrient supplementation	Diarrhea prevalence	0	5	1	6
Micronutrient supplementation	Fever prevalence	0	2	0	2
Micronutrient supplementation	Height	3	19	7	29
Micronutrient supplementation	Height-for-age	4	21	8	33
Micronutrient supplementation	Hemoglobin	6	11	20	37
Micronutrient supplementation	Mid-upper arm circumference	2	8	7	17
Micronutrient supplementation	Mortality	0	10	1	11
Micronutrient supplementation	Perinatal death	0	5	1	6
Micronutrient supplementation	Prevalence of anemia	0	4	9	13
Micronutrient supplementation	Stillbirth	0	4	0	4
Micronutrient supplementation	Stunted	0	3	0	3
Micronutrient supplementation	Test scores	1	2	6	9
Micronutrient supplementation	Triceps skinfold measurement	1	0	1	2

Micronutrient supplementation	Weight	1	17	13	31
Micronutrient supplementation	Weight-for-age	1	20	10	31
Micronutrient supplementation	Weight-for-height	0	18	8	26
Mobile phone-based reminders	Appointment attendance rate	0	0	3	3
Mobile phone-based reminders	Treatment adherence	0	2	0	2
Performance pay	Test scores	0	2	1	3
Rural electrification	Enrollment rate	0	1	2	3
Rural electrification	Study time	0	1	2	3
Rural electrification	Total income	0	2	0	2
Safe water storage	Diarrhea incidence	0	0	2	2
Scholarships	Attendance rate	0	1	1	2
Scholarships	Enrollment rate	0	2	1	3
Scholarships	Test scores	0	2	0	2
School meals	Enrollment rate	0	3	0	3
School meals	Height-for-age	0	2	0	2
School meals	Test scores	0	2	1	3
Unconditional cash transfers	Enrollment rate	0	5	8	13
Unconditional cash transfers	Test scores	0	1	1	2
Unconditional cash transfers	Weight-for-height	0	2	0	2
Water treatment	Diarrhea incidence	0	1	4	5
Water treatment	Diarrhea prevalence	0	3	6	9
Water treatment	Dysentery incidence	0	1	2	3
Women's empowerment programs	Savings	0	1	1	2
Women's empowerment programs	Total income	0	0	2	2
Average		0.4	3.8	2.8	7.0

This table provides the distribution of results (negative and significant, insignificant, or positive and significant) by intervention-outcome combination. It draws on slightly more data than the other tables and figures in the paper, since it includes those intervention-outcome combinations covered by only two papers, and it also includes results which were not reported in a manner that allowed them to be combined with the rest of the data, such as results where a point estimate was reported along with stars indicating crude significance level but no more precise standard error, p-value, or t-statistic. As throughout the rest of the paper, "malaria" and "prevalence of anemia" are included despite being "loose" outcomes as they were frequently the primary outcomes of interest.

TABLE B.2. Heterogeneity Measures for RCTs.

Intervention	Outcome	Units	$\widehat{P(Sign)}$	$\widehat{\sqrt{MSE}}$	$\widehat{\tau^2_N}$	$\widehat{I^2_N}$	$\frac{\widehat{\tau}_N}{\widehat{\lvert\mu_N\rvert}}$	$\widehat{\mu}_N$	$\widehat{s}_N$	N
Unconditional Cash Transfers	Enrollment rate	percentage points	0.90	0.04	0.001	0.74	0.78	0.04	0.02	8
Financial Literacy	Has savings	percentage points	0.66	0.05	0.001	0.61	1.48	0.02	0.03	4
Conditional Cash Transfers	Attendance rate	percentage points	0.94	0.04	0.002	0.91	0.65	0.06	0.01	7
Conditional Cash Transfers	Enrollment rate	percentage points	0.96	0.04	0.002	0.95	0.57	0.07	0.01	20
Micronutrients	Birthweight	kg	0.78	0.05	0.002	0.89	1.17	0.04	0.02	7
Conditional Cash Transfers	Labor force participation	percentage points	0.59	0.07	0.004	0.97	2.71	-0.02	0.01	7
Deworming	Hemoglobin	g/dL	0.54	0.08	0.004	0.56	3.69	0.02	0.06	14
Micronutrients	Weight-for-height	standard deviations	0.68	0.07	0.005	0.76	1.93	0.04	0.04	25
Micronutrients	Weight-for-age	standard deviations	0.70	0.10	0.009	0.89	1.97	0.05	0.03	29
Micronutrients	Height-for-age	standard deviations	0.67	0.11	0.011	0.91	2.20	0.05	0.03	32
Micronutrients	Mid-upper arm circumference	cm	0.68	0.11	0.011	0.88	1.95	0.05	0.04	14
Micronutrients	Diarrhea incidence	log risk ratio	0.80	0.14	0.015	0.82	1.06	-0.11	0.06	7
Financial Literacy	Has taken loan	percentage points	0.51	0.15	0.017	0.93	10.01	0.01	0.03	4
HIV/AIDS Education	Used contraceptives	percentage points	0.61	0.21	0.029	0.96	1.90	0.09	0.03	3
Bed Nets	Malaria	log risk ratio	0.98	0.20	0.030	0.69	0.46	-0.38	0.12	10
SMS Reminders	Appointment attendance rate	log risk ratio	0.79	0.21	0.030	0.92	1.01	0.17	0.05	3
Micronutrients	Test scores	standard deviations	0.68	0.20	0.035	0.99	1.82	0.10	0.02	8
Micronutrients	Weight	kg	0.76	0.21	0.041	0.96	1.45	0.14	0.04	28
Contract Teachers	Test scores	standard deviations	0.71	0.28	0.053	0.95	1.21	0.19	0.05	3
Performance Pay	Test scores	standard deviations	0.59	0.30	0.059	0.98	2.05	0.12	0.03	3
Conditional Cash Transfers	Test scores	standard deviations	0.60	0.34	0.064	0.96	1.80	0.14	0.05	4
Deworming	Weight-for-height	standard deviations	0.55	0.29	0.075	0.98	4.58	0.06	0.04	11
Micronutrients	Mortality	log risk ratio	0.51	0.33	0.084	0.51	6.48	-0.04	0.29	11
Conditional Cash Transfers	Height-for-age	standard deviations	0.52	0.40	0.107	0.90	8.18	-0.04	0.11	3
Deworming	Height-for-age	standard deviations	0.65	0.38	0.132	1.00	2.25	0.16	0.02	14
Deworming	Weight-for-age	standard deviations	0.62	0.39	0.145	1.00	2.74	0.14	0.02	12
Micronutrients	Perinatal death	log risk ratio	0.56	0.44	0.150	0.69	3.20	0.12	0.26	6
Micronutrients	Diarrhea prevalence	log risk ratio	0.65	0.45	0.158	0.90	1.78	-0.22	0.13	6
School Meals	Test scores	standard deviations	0.50	0.53	0.169	0.98	8.59	0.05	0.05	3
Deworming	Mid-upper arm circumference	cm	0.53	0.45	0.176	0.99	4.89	0.09	0.04	7
Deworming	Weight	kg	0.59	0.44	0.182	0.99	3.33	0.13	0.05	17
Micronutrients	Prevalence of anemia	log risk ratio	0.87	0.47	0.194	0.88	0.87	-0.51	0.16	12

Micronutrients	Stunted	log risk ratio	0.50	0.60	0.224	0.89	6.52	-0.07	0.17	3
Deworming	Height	cm	0.54	0.50	0.230	0.95	5.49	0.09	0.11	16
Micronutrients	Hemoglobin	g/dL	0.72	0.50	0.242	0.99	1.75	0.28	0.04	36
Micronutrients	Height	cm	0.65	0.51	0.243	0.97	2.44	0.20	0.09	27
Water Treatment	Diarrhea prevalence	log rate ratio	0.77	0.56	0.281	0.96	1.30	-0.41	0.10	9
Micronutrients	Body mass index	kg/m^2	0.53	0.75	0.383	1.00	3.58	0.17	0.03	3
Water Treatment	Diarrhea incidence	log rate ratio	0.74	1.01	0.792	0.96	1.29	-0.69	0.17	5
Micronutrients	Stillbirth	log risk ratio	0.51	1.18	1.010	0.85	7.72	0.13	0.42	4
Water Treatment	Dysentery incidence	log rate ratio	0.59	2.23	3.357	0.97	2.09	-0.88	0.31	3
Conditional Cash Transfers	Labor hours	hours/week	0.60	3.93	12.243	0.98	2.32	-1.51	0.53	5
Financial Literacy	Savings	current US$	0.57	56.37	1096.843	0.92	1.77	18.69	9.71	5

$\widehat{P(Sign)}$ is the average estimated probability of making the correct inference about the sign of a particular true effect, θ_j, given all data in that intervention-outcome combination, and $\widehat{\sqrt{MSE}}$ represents the average estimated square root of the mean squared error of that prediction. $\widehat{\tau}^2_N$, $\widehat{I}^2_N$, $\widehat{\tau}_N/|\widehat{\mu}_N|$ and $\widehat{\mu}_N$ likewise present the average estimate for each parameter. $\widehat{s}_N$ estimates a common sampling error for each intervention-outcome using Higgins and Thompson's approximation. It is important in estimating $\widehat{I}^2_N$ and it provides a way to summarize the σ_i within an intervention-outcome combination, given they vary by study. However, the individual study-specific estimates of the sampling variance, σ_i^2, were used to generate the estimates of μ and τ and hence the other columns in the table. Each measure is calculated separately by intervention-outcome combination, without pooling across intervention-outcomes. Unstandardized values are used throughout. 10,000 simulations are run to calculate the probability of making the correct inference about the sign of θ_j and the MSE for each intervention-outcome combination. Wherever $\widehat{I}^2_N$ appears equal to 1.00, this is the result of rounding.

TABLE B.3. Heterogeneity Measures for Higher-Quality Studies

Intervention	Outcome	Units	$\widehat{P(Sign)}$	$\widehat{\sqrt{MSE}}$	$\widehat{\tau^2_N}$	$\widehat{I^2_N}$	$\frac{\widehat{\tau}_N}{\widehat{\lvert\mu_N\rvert}}$	$\widehat{\mu}_N$	$\widehat{s}_N$	N
Unconditional Cash Transfers	Enrollment rate	percentage points	0.89	0.04	0.001	0.74	0.78	0.04	0.02	8
Financial Literacy	Has savings	percentage points	0.65	0.05	0.001	0.61	1.47	0.02	0.03	4
Conditional Cash Transfers	Enrollment rate	percentage points	0.91	0.07	0.004	0.92	0.72	0.09	0.02	10
Deworming	Hemoglobin	g/dL	0.54	0.08	0.004	0.57	3.73	0.02	0.06	14
Micronutrients	Weight-for-height	standard deviations	0.70	0.07	0.005	0.77	1.86	0.04	0.04	24
Micronutrients	Birthweight	kg	0.66	0.09	0.006	0.96	1.64	0.05	0.02	4
Micronutrients	Weight-for-age	standard deviations	0.71	0.10	0.009	0.90	1.75	0.05	0.03	28
Micronutrients	Mid-upper arm circumference	cm	0.70	0.11	0.011	0.87	1.78	0.06	0.04	14
Micronutrients	Height-for-age	standard deviations	0.68	0.11	0.012	0.91	2.08	0.05	0.03	29
Micronutrients	Diarrhea incidence	log risk ratio	0.79	0.14	0.015	0.83	1.06	-0.11	0.06	7
Financial Literacy	Has taken loan	percentage points	0.50	0.15	0.017	0.93	10.10	0.01	0.03	4
Conditional Cash Transfers	Attendance rate	percentage points	0.63	0.16	0.017	0.95	1.69	0.08	0.03	3
Bed Nets	Malaria	log risk ratio	0.99	0.17	0.017	0.61	0.42	-0.32	0.11	7
HIV/AIDS Education	Used contraceptives	percentage points	0.61	0.21	0.029	0.96	1.91	0.09	0.03	3
Micronutrients	Test scores	standard deviations	0.68	0.20	0.035	0.99	1.81	0.10	0.02	8
Micronutrients	Weight	kg	0.77	0.22	0.045	0.97	1.37	0.15	0.04	28
Conditional Cash Transfers	Test scores	standard deviations	0.65	0.28	0.053	0.97	1.59	0.14	0.04	3
Contract Teachers	Test scores	standard deviations	0.72	0.28	0.053	0.95	1.22	0.19	0.05	3
Deworming	Weight-for-height	standard deviations	0.54	0.28	0.075	0.98	4.62	0.06	0.04	11
Conditional Cash Transfers	Labor force participation	percentage points	0.50	0.37	0.087	0.98	10.73	-0.03	0.04	3
Micronutrients	Mortality	log risk ratio	0.55	0.37	0.105	0.59	3.48	-0.09	0.27	9
Deworming	Height-for-age	standard deviations	0.66	0.37	0.132	1.00	2.25	0.16	0.02	14
Deworming	Weight-for-age	standard deviations	0.61	0.40	0.145	1.00	2.73	0.14	0.02	12
Micronutrients	Body mass index	kg/m^2	0.62	0.44	0.147	0.99	1.94	0.20	0.03	4
Micronutrients	Diarrhea prevalence	log risk ratio	0.65	0.45	0.153	0.89	1.75	-0.22	0.13	6
School Meals	Test scores	standard deviations	0.50	0.54	0.170	0.98	8.62	0.05	0.05	3
Micronutrients	Prevalence of anemia	log risk ratio	0.90	0.44	0.175	0.87	0.80	-0.53	0.16	13
Deworming	Mid-upper arm circumference	cm	0.54	0.45	0.176	0.99	4.85	0.09	0.04	7
Deworming	Weight	kg	0.60	0.46	0.202	0.98	2.86	0.16	0.07	15
Micronutrients	Stunted	log risk ratio	0.51	0.59	0.226	0.89	6.70	-0.07	0.17	3
Micronutrients	Hemoglobin	g/dL	0.73	0.49	0.237	0.99	1.68	0.29	0.04	33
Deworming	Height	cm	0.53	0.52	0.253	0.95	7.62	0.07	0.12	15

Micronutrients	Height	cm	0.65	0.52	0.256	0.97	2.43	0.21	0.09	26
Water Treatment	Diarrhea prevalence	log rate ratio	0.76	0.62	0.336	0.97	1.29	-0.45	0.10	8
Micronutrients	Perinatal death	log risk ratio	0.51	0.96	0.676	0.92	8.41	0.10	0.24	4
Water Treatment	Diarrhea incidence	log rate ratio	0.74	0.98	0.786	0.96	1.28	-0.69	0.17	5
Water Treatment	Dysentery incidence	log rate ratio	0.59	2.24	3.369	0.97	2.09	-0.88	0.31	3
Conditional Cash Transfers	Labor hours	hours/week	0.60	7.50	35.715	0.93	2.02	-2.96	1.64	3
Financial Literacy	Savings	current US$	0.57	56.78	1091.725	0.92	1.78	18.59	9.71	5

$\widehat{P(Sign)}$ is the average estimated probability of making the correct inference about the sign of a particular true effect, θ_j, given all data in that intervention-outcome combination, and $\widehat{\sqrt{MSE}}$ represents the average estimated square root of the mean squared error of that prediction. $\widehat{\tau}^2_N$, $\widehat{I}^2_N$, $\widehat{\tau}_N/|\widehat{\mu}_N|$ and $\widehat{\mu}_N$ likewise present the average estimate for each parameter. $\widehat{s}_N$ estimates a common sampling error for each intervention-outcome using Higgins and Thompson's approximation. It is important in estimating $\widehat{I}^2_N$ and it provides a way to summarize the σ_i within an intervention-outcome combination, given they vary by study. However, the individual study-specific estimates of the sampling variance, σ^2_i, were used to generate the estimates of μ and τ and hence the other columns in the table. Each measure is calculated separately by intervention-outcome combination, without pooling across intervention-outcomes. Unstandardized values are used throughout. 10,000 simulations are run to calculate the probability of making the correct inference about the sign of θ_j and the MSE for each intervention-outcome combination. Wherever $\widehat{I}^2_N$ appears equal to 1.00, this is the result of rounding.

TABLE B.4. Posterior Predictive Checks on Different Percentiles of the Data

		p-value			
Intervention	Outcome	25-75%	10-90%	5-95%	N
Conditional cash transfers	Attendance rate	0.071	0.068		14
Conditional cash transfers	Birth at healthcare facility	0.307			3
Conditional cash transfers	Enrollment rate	0.130	0.010 *	0.017 *	36
Conditional cash transfers	Height-for-age	0.705			7
Conditional cash transfers	Labor force participation	0.786	0.887		18
Conditional cash transfers	Labor hours	0.548			7
Conditional cash transfers	Pregnancy rate	0.541			3
Conditional cash transfers	Probability unpaid work	0.550			5
Conditional cash transfers	Retention rate	0.821			5
Conditional cash transfers	Skilled attendant at delivery	0.372			3
Conditional cash transfers	Test scores	0.647			5
Conditional cash transfers	Unpaid labor hours	0.562			5
Contract teachers	Test scores	0.436			3
Deworming	Height	0.304	0.456		16
Deworming	Height-for-age	0.830	0.059		14
Deworming	Hemoglobin	0.043	0.052		14
Deworming	Mid-upper arm circumference	0.574			7
Deworming	Weight	0.647	0.403		17
Deworming	Weight-for-age	0.772	0.456		12
Deworming	Weight-for-height	0.613	0.192		11
Financial literacy	Has savings	0.521			4
Financial literacy	Has taken loan	0.246			4
Financial literacy	Savings	0.507			5
HIV/AIDS education	Used contraceptives	0.703			4
Insecticide-treated bed nets	Malaria	0.686	0.920		10
Microfinance	Assets	0.517			4
Microfinance	Profits	0.522			5
Microfinance	Savings	0.400			3
Microfinance	Total income	0.515			5
Micronutrients	Birthweight	0.380			7
Micronutrients	Body mass index	0.341			5
Micronutrients	Diarrhea incidence	0.203			7
Micronutrients	Diarrhea prevalence	0.924			6
Micronutrients	Height	0.774	0.233	0.003 *	29
Micronutrients	Height-for-age	0.736	0.323	0.030	33
Micronutrients	Hemoglobin	0.771	0.057	0.380	37
Micronutrients	Mid-upper arm circumference	0.508	0.906		17
Micronutrients	Mortality	0.204	0.674		11
Micronutrients	Perinatal death	0.590			6
Micronutrients	Prevalence of anemia	0.518	0.445		13
Micronutrients	Stillbirth	0.358			4
Micronutrients	Stunted	0.548			3
Micronutrients	Test scores	0.722	0.181		9
Micronutrients	Weight	0.872	0.089	0.032	31
Micronutrients	Weight-for-age	0.611	0.109	0.574	31
Micronutrients	Weight-for-height	0.522	0.133	0.280	26
Mobile phone-based reminders	Appointment attendance rate	0.540			3
Performance pay	Test scores	0.422			3
Rural electrification	Enrollment rate	0.380			3
Rural electrification	Study time	0.679			3
Scholarships	Enrollment rate	0.521			3
School meals	Enrollment rate	0.259			3

School meals	Test scores	0.246		3
Unconditional cash transfers	Enrollment rate	0.219	0.115	13
Water treatment	Diarrhea incidence	0.421		5
Water treatment	Diarrhea prevalence	0.464	0.920	9
Water treatment	Dysentery incidence	0.627		3

The p-value is the proportion of the simulations for which the test statistic is more extreme than in the observed data.

TABLE B.5. Regression of $\hat{\tau}^2_N$ and $\hat{I}^2_N$ on study characteristics.

	$\widehat{\tau}^2_N$					
	(1)	(2)	(3)	(4)	(5)	(6)
Var(Sample size)	-0.113					0.079
	(0.08)					(0.17)
Var(Government-implemented)		-0.617				-0.517
		(0.93)				(1.71)
Var(Academic/NGO-implemented)			-0.725			-1.352
			(0.92)			(1.04)
Var(RCT)				-1.260		-1.726
				(1.19)		(1.95)
Number of Countries					-0.083	-0.093
					(0.06)	(0.11)
Number of Studies					0.016	0.005
					(0.02)	(0.03)
Observations	41	47	47	47	47	41
R^2	0.00	0.00	0.01	0.02	0.04	0.10
	$\widehat{I}^2_N$					
	(7)	(8)	(9)	(10)	(11)	(12)
Var(Sample Size)	0.034**					0.023
	(0.02)					(0.02)
Var(Government-implemented)		0.220				0.063
		(0.14)				(0.50)
Var(Academic/NGO-implemented)			0.215*			0.035
			(0.12)			(0.46)
Var(RCT)				0.229		0.107
				(0.17)		(0.23)
Number of Countries					-0.008	-0.020
					(0.01)	(0.02)
Number of Studies					0.004	0.009
					(0.01)	(0.01)
Observations	41	47	47	47	47	41
R^2	0.02	0.02	0.02	0.03	0.00	0.05

This table shows the results of regressions of $\widehat{\tau}^2_N$ and $\widehat{I}^2_N$ on intervention-outcome-level summary statistics of the study characteristics considered in Table **??** (i.e., estimating $\widehat{\tau}^2_N = \alpha + \beta X_k + \varepsilon_k$ and $\widehat{I}^2_N = \alpha' + \beta' X'_k + \varepsilon'_k$ where X_k and X'_k represent intervention-outcome-level summary statistics such as the variance of the sample size of studies within an intervention-outcome). In contrast to Table **??**, this table shows the results on the full sample, not winsorizing an outlier for $\widehat{\tau}^2_N$. The alternative $\widehat{I}^2_N$ regressions use the variance rather than the mean as the summary statistic for each intervention-outcome combination.

TABLE B.6. Regression of $\hat{\tau}^2_N$ on Intervention Characteristics, Alternative Specification

	$\widehat{\tau}^2_N$		
	(1)	(2)	(3)
Health	-0.434		-0.712
	(0.37)		(0.57)
Conditional		-0.308	-0.765
		(0.21)	(0.57)
Observations	47	47	47
R^2	0.03	0.01	0.08

This table shows the results of regressions of $\widehat{\tau}^2_N$ and $\widehat{I}^2_N$ on intervention-level characteristics (i.e., estimating $\widehat{\tau}^2_N = \alpha + \beta X_k + \varepsilon_k$ and $\widehat{I}^2_N = \alpha' + \beta' X'_k + \varepsilon'_k$ where X_k and X'_k now represent the intervention-level characteristics of whether the intervention was a health intervention and whether it provided economic incentives that were conditional on certain actions). In contrast to Table **??**, this table shows the results on the full sample, not winsorizing an outlier for $\widehat{\tau}^2_N$.

TABLE B.7. Regression of $\hat{\tau}^2_N$ and $\hat{I}^2_N$ on Intervention Characteristics: Alternative Definitions

	$\widehat{\tau}^2_N$			$\widehat{I}^2_N$		
	(1)	(2)	(3)	(4)	(5)	(6)
Health	-0.024		-0.081	-0.069		-0.077
	(0.09)		(0.14)	(0.05)		(0.06)
Conditional		-0.060	-0.120		0.041	-0.016
		(0.08)	(0.15)		(0.05)	(0.06)
Observations	47	47	47	47	47	47
R^2	0.00	0.01	0.02	0.04	0.01	0.04

This table shows the results of regressions of $\widehat{\tau}^2_N$ and $\widehat{I}^2_N$ on intervention-level characteristics (i.e., estimating $\widehat{\tau}^2_N = \alpha + \beta X_k + \varepsilon_k$ and $\widehat{I}^2_N = \alpha' + \beta' X'_k + \varepsilon'_k$ where X_k and X'_k represent the intervention-level characteristics of whether the intervention was a health intervention and whether it provided economic incentives that were conditional on certain actions). In this table, "health" interventions comprise bed nets, deworming, HIV/AIDS education, micronutrients, and water treatment, while "conditional" interventions comprise conditional cash transfer programs, performance pay programs, and scholarships. An outlier for $\widehat{\tau}^2_N$ is winsorized, as described in the text.