

Appendix 1. Programme Evaluation Citations

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[H] = data is household level, not child level

Appendix 2. Programme Summaries

Program	Country	UCT vs CCT	Educ cond'y	Health service cond'y	Health services provided	Behavior change comm	Mean Transfer (USD/yr)	Brief citation
Targeting the Ultra-Poor	Bangladesh	UCT	no	no	yes	yes	104	Raza et al. 2018
Transfer Modality Research Initiative	Bangladesh	UCT	no	no	no	no	224	Ahmed et al. cash only arm 2016
Transfer Modality Research Initiative	Bangladesh	UCT	no	no	no	yes	224	Ahmed et al. cash & BCC arm 2016
Bolsa Alimentação	Brazil	CCT	yes	yes	yes	yes	149	Braido et al. 2012; Morris et al. 2004; Oliveira-Assis et al. 2014
Bolsa Família	Brazil	CCT	yes	yes	yes	yes	87-500	Labrecque et al. 2018; de Brauw et al. 2012
MAM'Out	Burkina Faso	UCT	no	no	no	no	85	Houngbe et al. 2017; Tonguet-Papucci et al. 2017
Nahouri Cash Transfer Pilot Project	Burkina Faso	CCT	yes	yes	yes	no	67	Akresh et al. CCT arm 2016
Nahouri Cash Transfer Pilot Project	Burkina Faso	UCT	no	no	no	no	67	Akresh et al. UCT arm 2016
Familias en Accion	Colombia	CCT	yes	yes	yes	yes	300-360	Lopez-Arana et al. 2016; Vera-Hernandez 2010
SAM followup	Congo, Dem. Rep.	UCT	no	no	yes	yes	240	Grellety et al. 2017
Bono de Desarrollo Humano	Ecuador	UCT	no	no	no	no	144-500	Buser et al. 2016; Fernald & Hidrobo 2011; Paxson & Schady 2010; Younger et al. 2009
WFP-Ecuador	Ecuador	UCT	no	no	no	yes	240	Hidrobo et al. 2014
Bono 10,000	Honduras	CCT	yes	yes	yes			Benedetti et al. 2016
PRAF	Honduras	CCT	yes	yes	yes		92	Gitter et al. 2011, Honduras
Programa de Asignacion Familiar	Honduras	CCT	yes	yes	yes		18	IFPRI 2003
Bihar Child Support Programme	India	CCT	no	yes	yes	yes	45	Newton-Lewis et al. 2017
Keluarga Harapan	Indonesia	CCT	yes	yes	yes	no	165-252	Alatas 2011; Cahyadi et al. 2018; Kusuma et al. 2017
CT-OVC	Kenya	UCT	no	no	no	no	252	Asfaw et al. 2014
Give Directly	Kenya	UCT	no	no	no	no	709	Haushofer & Shapiro 2016; Haushofer & Shapiro 2018
Hunger Safety Net Programme	Kenya	UCT	no	no	no	no	164	Mertens et al. 2013
Mchinji Social Cash Transfer	Malawi	UCT	no	no	no	no	168	Miller et al. 2008

Social Cash Transfer Program	Malawi	UCT	no	no	no	no	58-59	Abdoulaye et al. 2016; Brugh et al. 2010; Handa et al. 2015
PAL: Programa de Apoyo Alimentario	Mexico	UCT	no	no	no	yes	180	Cunha 2014
PROGRESA/ Oportunidades/ Prospera	Mexico	CCT	yes	yes	yes	yes	156-482	Aguilar Esteva 2012; Fernald et al. 2008; Gitter et al. 2011; Leroy et al. 2008; Ramirez-Silva et al. 2013; Rivera et al. 2004; Rubalcava et al. 2009; Ruiz-Arranz et al. 2006; Todd et al. 2010
Child Grant Nepal	Nepal	UCT	no	no	no	yes	24	Renzaho et al. 2017
Community Challenge Fund	Nepal	UCT	no	no	no	yes	35	Levere et al. 2016
LBWSAT	Nepal	UCT	no	no	yes	yes	34	Saville et al. 2018
Atención a Crisis	Nicaragua	CCT	yes	yes	no	yes	448-460	Macours & Vakis 2009; Macours et al. 2012
Red de Protección Social	Nicaragua	CCT	yes	yes	yes	yes	321-357	Barham et al. 2013; Gitter et al. 2013; Maluccio & Flores 2004
FS-CT	Niger	UCT	no	no	no	no	240	McBride 2015
Child Dev Grant Nigeria	Nigeria	UCT	no	no	no	yes	133	Carneiro 2017
Action Against Hunger	Pakistan	UCT	no	no	no	no	168	Fenn et al. 2017
REFANI	Pakistan	UCT	no	no	no	yes	175	Seal et al. 2017
Juntos	Peru	CCT	yes	yes	yes	no	360-444	Gajate-Garrido 2014; Jaramillo & Sanchez 2011; Sanchez et al. 2016
Pantawid Pamilyang	Philippines	CCT	yes	yes	yes	yes	189-322	Chaudhury et al. 2013; Filmer et al. 2018; Kandpal et al. 2016
Gikuriro	Rwanda	UCT	no	no	no	no	555	McIntosh & Zeitlin 2018
REFANI	Somalia	UCT	no	no	yes	no	420	Seal et al. 2017
Child Support Grant South Africa	South Africa	UCT	no	no	no	no	300-439	Aguero et al. 2006
Old Age Pensions	South Africa	UCT	no	no	no	no	1312	Duflo 2003
Karamoja cash transfer pilot	Uganda	UCT	no	no	no	no	89	Gilligan et al. 2013
Child Grant Program Zambia	Zambia	UCT	no	no	no	no	132-144	AIR 2016; Handa et al. 2016; Handa et al. 2018; Seidenfeld et al. 2014
Monze	Zambia	UCT	no	no	no	no	108	Seidenfeld & Handa 2011
Harmonized Cash Transfer Programme	Zimbabwe	UCT	no	no	no	no	264	Bhalla et al. 2018, Daidone et al. 2018

Appendix 3. Studies and programme characteristics

Citation	Peer review	Methods	Sample size	Outcomes tracked	Baseline income, annual, deflated US\$	Baseline stunting rate
Abdoulayi et al. 2016	NO	DD	4400	HAZ WAZ stunting wasting ASF illness diarrhoea	24.69	37%
Aguero et al. 2006	NO	other	720	HAZ	158.83	33%
Aguilar Esteva 2012	NO	RDD	1820	HAZ WAZ stunting	169.65	
Ahmed et al. cash & BCC arm 2016	NO	DD	1500	HAZ stunting wasting dietary diversity	94.59	46%
Ahmed et al. cash only arm 2016	NO	DD	2000	HAZ stunting wasting dietary diversity	94.59	45%
AIR 2016	NO	DD	2421	HAZ WAZ stunting wasting ASF illness diarrhoea	55.76	
Akresh et al. CCT arm 2016	NO	DD	2749	HAZ WAZ	30.73	33%
Akresh et al. UCT arm 2016	NO	DD	2749	HAZ WAZ	30.73	33%
Alatas 2011	NO	DD	14326	HAZ WAZ	76.91	
Asfaw et al. 2014	YES	DD	1783	ASF	112.03	
Barham et al. 2013	YES	DD	368	HAZ	147.40	
Barham et al. 2018	NO	DD	1090	ASF	163.72	
Benedetti et al. 2016	YES	DD	3839	WAZ stunting wasting illness diarrhoea		
Bhalla et al. 2018	YES	DD	2619	ASF dietary diversity	111.52	28%
Braido et al. 2012	YES	PSM	1006	ASF	83.01	
Brugh et al. 2010	YES	DD	3290	dietary diversity		42%
Buser et al. 2016	YES	RDD	1342	HAZ WAZ	186.72	
Cahyadi et al. 2018	NO	DD	5211	stunting ASF illness diarrhoea		36%
Carneiro 2017	NO	DD	4628	HAZ WAZ stunting wasting ASF illness diarrhoea	55.50	44%
Chaudhury et al. 2013	NO	DD	3742	HAZ stunting wasting	84.08	34%
Cunha 2014	YES	DD	1962	illness	92.17	

Daidone et al. 2018	NO	DD	2630	ASF dietary diversity	111.52	28%
de Brauw et al. 2012	NO	DD	5400	HAZ WAZ stunting wasting	233.06	
Duflo 2003	YES	RDD	1627	HAZ	907.99	
Fenn et al. 2017	YES	DD	3250	HAZ	70.00	48%
Fernald & Hidrobo 2011	YES	DD	1196	HAZ	89.29	26%
Fernald et al. 2008	YES	DD	2449	HAZ stunting	84.95	
Filmer et al. 2018	NO	DD	343	HAZ WAZ stunting	107.88	34%
Gajate-Garrido 2014	NO	PSM	1700	HAZ	206.96	24%
Gilligan et al. 2013	NO	DD	2357	stunting dietary diversity	38.69	17%
Gitter et al. 2011, Honduras	NO	DD	2715	HAZ	51.37	
Gitter et al. 2011, Mexico	NO	DD	473	HAZ	182.65	
Grellety et al. 2017	YES	DD	1481	HAZ WAZ dietary diversity	101.26	
Handa et al. 2015	NO	DD	3343	HAZ stunting wasting illness diarrhoea	24.48	42%
Handa et al. 2016	YES	DD	2519	illness diarrhoea	61.81	40%
Handa et al. 2018	YES	DD	2272	stunting wasting	61.81	35%
Haushofer & Shapiro 2016	YES	DD	940	ASF	308.81	
Haushofer & Shapiro 2018	NO	DD	912	ASF	299.13	
Hidrobo et al. 2014	YES	DD	2087	dietary diversity	106.70	
Houngbe et al. 2017	YES	DD	1250	HAZ	35.90	27%
IFPRI 2003	NO	DD	2908	HAZ	10.01	
Jaramillo & Sanchez 2011	NO	PSM	8347	HAZ stunting	192.61	23%
Kandpal et al. 2016	YES	DD	485	HAZ WAZ stunting ASF	107.88	34%
Kusuma et al. 2017	YES	DD	1400	stunting wasting ASF	83.90	
Labrecque et al. 2018	YES	other	1703	HAZ WAZ	43.11	
Leroy et al. 2008	YES	PSM	432	HAZ	235.07	
Levere et al. 2016	NO	DD	782	HAZ stunting wasting illness diarrhoea	14.78	47%
Lopez-Arana et al. 2016	YES	DD	2870	HAZ	178.58	30%
Macours & Vakis 2009	NO	DD	3300	ASF	222.13	23%
Macours et al. 2012	YES	other	4185	ASF	213.65	27%
Maluccio & Flores 2004	NO	DD	1396	HAZ WAZ stunting wasting	198.47	41%
McBride 2015	NO	RDD	1395	dietary diversity	106.70	
McIntosh & Zeitlin 2018	NO	DD	2100	dietary diversity	226.42	38%
Merttens et al. 2013	NO	DD	2436	dietary diversity	71.64	30%
Miller et al. 2011	YES	DD	752	dietary diversity	78.03	

Morris et al. 2004	YES	DD	1830	HAZ	83.39	
Newton-Lewis et al. 2017	NO	DD	2600	stunting wasting	18.87	
Oliveira-Assis et al. 2014	YES	DD	1847	HAZ	82.19	
Paxson & Schady 2010	YES	DD	2069	HAZ	92.17	27%
Ramirez-Silva et al. 2013	YES	DD	1601	HAZ	145.93	22%
Raza et al. 2018	YES	DD	2207	HAZ stunting wasting	46.23	41%
Renzaho et al. 2017	YES	PSM	3000	HAZ WAZ stunting wasting	10.13	41%
Rivera et al. 2004	YES	DD	650	HAZ	174.22	39%
Rubalcava et al. 2009	YES	DD	20000	ASF	130.75	
Ruiz-Arranz et al. 2006	YES	DD	9841	ASF	132.25	22%
Sanchez et al. 2016	NO	other	432	HAZ stunting	154.53	18%
Saville et al. 2018	YES	DD	10936	HAZ WAZ dietary diversity	14.46	
Seal et al. 2017, Somalia	NO	DD	2138	HAZ stunting	174.99	
Seidenfeld & Handa 2011	NO	PSM	1024	ASF	49.53	
Seidenfeld et al. 2014	YES	DD	2519	HAZ WAZ stunting wasting	62.72	35%
Todd et al. 2010	YES	DD	9936	ASF	145.93	
Tonguet-Papucci et al. 2017	YES	DD	322	ASF	35.90	48%
Vera-Hernandez 2010	NO	DD	1235	HAZ WAZ stunting illness diarrhoea	148.82	
Younger et al. 2009	NO	DD	2000	HAZ	73.74	

Methods: DD = difference-in-difference; PSM = propensity score matching; RDD = regression discontinuity.

Appendix 4. N for Meta-regression analyses (observations in each regression shown in Table 4)

		HAZ	WAZ	Stunting	Wasting	Animal Source Foods	Diet Diversity
Study	Study Sample Size	46	19	27	17	20	13
	Year of Data Collection	46	19	27	17	20	13
	Total years of study	46	19	27	17	20	13
	Published study	46	19	27	17	20	13
Transfer size	Real transfer amount, USD	46	18	25	16	19	12
	Transfer, % of income	30	14	20	14	17	10
	Log (real transfer)	40	15	22	15	16	12
Programme characteristics	Conditional program	46	19	27	17	20	-
	Health services access	46	19	27	17	20	13
	Behaviour Change	44	18	26	16	20	13
	Communication						
Demographic	Mother's age	14	-	-	-	-	-
	Child age	46	19	27	17	10	-
	% of sample urban	29	10	16	12	14	-
	Baseline stunting rate	26	-	18	12	10	-
Context	Africa	46	19	27	17	20	13
	Latin America	46	19	27	17	20	13
	Asia	46	19	27	17	20	13
	WDI GDP	45	17	26	17	20	13

Sample sizes under 10 are indicated by a -. Insignificant coefficients between ± 0.005 are indicated by 0. *** indicates regression coefficients significant at the 1% level; ** is for 5%, and * at the 10%. Illness variables excluded due to small sample size.

Appendix 5. Sensitivity analyses: analysis by published status, methods

	Published		Unpublished		Double Difference		Other Methods	
	Effect size	N	Effect size	N	Effect size	N	Effect Size	N
HAZ	0.02	21	0.03	25	0.02*	36	0.10	10
WAZ	0.07	8	-0.03	11	0.02	15	0.07	4
Stunting (%)	-3.40**	8	-1.39	19	-2.00***	23	-3.50**	4
Wasting (%)	-2.18	6	-1.04	11	-1.08	16		
Animal-source foods (%)	4.25***	11	5.35***	9	6.43***	17	1.30***	3
Dietary diversity	1.00**	6	0.53***	7	0.77***	12		
Childhood Illness (%)	-3.33	3	-2.25	7	-2.79*	10		
Diarrhoea Incidence (%)	-2.17	2	-2.98*	7	-2.72**	9		

*** indicates regression coefficients significant at the 1% level; ** is for 5%, and * at the 10%. Illness variables excluded due to small sample size.

Appendix 6. Sensitivity analyses: other programmatic factors

Outcome	Health services provided		No health services provided		BCC provided†		No BCC provided	
	Effect Size	N	Effect Size	N	Effect Size	N	Effect Size	N
HAZ	0.02	29	0.05	17	0.03	24	0.04	20
WAZ	-0.02	12	0.40**	7	0.01	11	0.05	7
Stunting (%)	-2.50**	16	-1.79*	11	-3.14***	14	-0.85	12
Wasting (%)	-2.40	7	-1.27**	10	-1.42	9	-1.92***	7
Animal-source foods (%)	2.78***	8	7.42***	12	3.31***	9	8.36***	11
Dietary diversity	1.24*	2	0.59***	11	1.05***	4	0.49***	9
Childhood illness (%)	-0.29	3	-3.41*	7	-8.24***	4	-0.75	5
Diarrhoea incidence (%)	-4.43	3	2.44*	6	-6.95**	3	-1.54	5

*** indicates regression coefficients significant at the 1% level; ** is for 5%, and * at the 10%. Illness variables excluded due to small sample size. †We were not able to characterize the Honduran program, PRAF, as having BCC or not since the program was incompletely implemented.