



## Corrigendum

# Multisectoral community development in Nepal has greater effects on child growth and diet than nutrition education alone – CORRIGENDUM

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DOI: 10.1017/S136898001900260X, Published online by Cambridge University Press, 23 September 2019

### **Original text and correction:**

In Tables 3 and 4, the authors incorrectly included the z statistic in the columns marked 'SE'; this is corrected below.

#### **ORIGINAL TEXT (page 9, Results)**

Table 3 Mixed-effect linear regression showing coefficient ( $\beta$ ) and SE for anthropometric measurements, household wealth score and total soap use (hygiene measure). Results are shown by survey round, treatment group and group-by-round interaction as a fixed effect adjusted for child factors (age, gender, baseline anthropometry) and household factors (household animal and wealth score, land ownership, household per capita income, mother's educational attainment)



	WHZ β (SE)	HAZ β (SE)	WAZ β (SE)	HCZ β (SE)	MUACZ β (SE)	Wealth Score β (SE)	Total soap use RR (SE)
<b>Study Area (Ref=Control area)</b>							
Full Package intervention area	-0.01(-0.22)	0.29***(-4.82)	0.11***(-2.7)	-0.25***(-3.60)	0.12*(-1.86)	-0.33***(-5.04)	0.13(-1.44)
Partial Package intervention area	-0.02(-0.41)	0.13**(-2.43)	0.05(-1.30)	0.09(-1.41)	0.31***(-4.99)	-0.11*(-1.80)	0.18**(-2.00)
<b>Survey Round (Ref=Baseline, Round 1)</b>							
Round 2	0.21***(-4.11)	-0.18***(-3.69)	0.06*(-1.94)	0.28***(-7.45)	0.53***(-14.38)	(not collected)	0.81***(-8.54)
Round 3	0.45***(-8.05)	-0.34***(-6.36)	0.15***(-4.11)	0.11***(-2.59)	0.44***(-10.62)	-0.113***(-3.01)	1.08***(-10.82)
Round 4	0.13**(-2.05)	-0.37***(-5.98)	-0.10**(-2.51)	-0.08(-1.59)	0.38***(-7.32)	-0.107**(-2.52)	0.71***(-6.71)
Round 5	0.36***(-5.16)	-0.39***(-5.82)	0.02(-0.49)	-0.06(-1.02)	0.40***(-6.76)	-0.141***(-3.03)	1.42***(-12.69)
<b>Interaction (Full Package Intervention)</b>							
Full Package * Round 2	0.23***(-2.97)	-0.20***(-2.73)	0.07(-1.37)	-0.14***(-2.63)	-0.01(-0.20)	(not collected)	1.39***(-10.25)
Full Package * Round 3	0.15*(-1.87)	-0.27***(-3.46)	-0.04(-0.76)	0.00(-0.15)	0.09(-1.64)	0.22***(-4.04)	0.65***(-4.58)
Full Package * Round 4	0.62***(-6.73)	-0.37***(-4.23)	0.21***(-3.56)	0.33***(-5.18)	0.53***(-8.47)	0.18***(-2.81)	2.46***(-15.93)
Full Package * Round 5	0.59***(-5.91)	-0.38***(-4.03)	0.18***(-2.84)	0.24***(-3.43)	0.58***(-8.61)	0.07(-1.03)	2.03***(-12.22)
<b>Interaction (Partial Package Intervention)</b>							
Partial Package * Round 2	0.17**(-2.51)	0.00(-0.11)	0.10**(-2.37)	-0.36***(-7.47)	-0.22***(-4.70)	(not collected)	0.56***(-4.48)
Partial Package * Round 3	0.20***(-2.72)	0.03(-0.49)	0.11**(-2.45)	-0.32***(-6.39)	-0.08(-1.60)	-0.12**(-2.51)	-0.26**(-2.01)
Partial Package * Round 4	0.22***(-2.79)	0.05(-0.68)	0.15***(-2.77)	-0.13**(-2.27)	0.20***(-3.74)	-0.17***(-3.06)	0.49***(-3.48)
Partial Package * Round 5	0.14*(-1.70)	0.02(-0.26)	0.07(-1.37)	-0.05(-0.82)	0.19***(-3.26)	-0.08(-1.40)	0.13(-0.89)
Baseline values	0.63***(-45.07)	0.67***(-60.17)	0.77***(-67.07)	0.46***(-20.49)	NA	NA	NA
Child age (Continuous, months)	-0.00**(-2.09)	0.01***(-11.09)	0.00***(-4.59)	0.00(-0.49)	-0.00***(-4.40)	NA	NA
<b>Sex (Ref=Female)</b>							
Male	0.00(-0.17)	0.05*(-1.65)	0.06***(-2.58)	0.07(-1.58)	-0.00(-0.03)	NA	NA
<b>Caste (Ref=Non Muslim)</b>							
Muslim	0.03(-0.74)	-0.01(-0.30)	0.01(-0.34)	0.16***(-2.62)	0.08(-1.44)	0.42***(-6.87)	-0.06(-1.18)
Animal score	-0.00(-0.86)	-0.00(-0.29)	-0.00(-0.97)	0.013**(-2.33)	0.01**(-2.11)	0.05***(-8.14)	0.01*(-1.80)
Wealth Score	0.00 (-0.33)	0.03*(-1.80)	0.01(-0.78)	0.011(-0.65)	0.08***(-5.24)	NA	NA
Per capita HH income	0.00(-1.11)	0.00*-1.97	0.00(-0.26)	0.00(-0.23)	0.00(0.00)	0.00***(-7.61)	0.00(-1.52)
Land	0.00(-0.34)	0.00(-0.41)	0.00(-0.22)	0.00(-0.34)	0.00(-0.26)	NA	NA
<b>Women's education (None=reference)</b>							
Some Primary/Primary Completed	0.00(-0.14)	0.02(-0.54)	0.02(-0.74)	-0.01(-0.25)	0.01(-0.22)	0.65***(-10.39)	0.35***(-6.16)
Some Secondary/Secondary Completed and beyond	-0.04(-0.61)	-0.00(-0.12)	-0.02(-0.37)	-0.11(-1.09)	0.02(-0.26)	1.54***(-15.64)	0.61***(-6.67)

WHZ, weight-for-height Z-score; HAZ, height-for-age Z-score; WAZ, weight-for-age Z-score; HCZ, head circumference Z-score; MUACZ, mid-upper arm circumference Z-score; Ref., reference category; NA, not applicable. Households with children aged 1–60 months from Banke, western Nepal, were randomized to receive: (i) multisectoral community development activities (Full Package), (ii) nutrition education and livestock management training alone (Partial Package) or (iii) no intervention (Control); the study was conducted between August 2013 and August 2017.

\*P < 0.10, \*\*P < 0.05, \*\*\*P < 0.01.

**CORRECTION**

Table 3 Mixed-effect linear regression showing coefficient ( $\beta$ ) and SE for anthropometric measurements, household wealth score and total soap use (hygiene measure). Results are shown by survey round, treatment group and group-by-round interaction as a fixed effect adjusted for child factors (age, gender, baseline anthropometry) and household factors (household animal and wealth score, land ownership, household per capita income, mother's educational attainment)



	WHZ		HAZ		WAZ		HCZ		MUACZ		Wealth score		Total soap use	
	β	SE	β	SE	β	SE	β	SE	β	SE	β	SE	β	SE
Study area (Ref. = Control area)														
Full Package intervention area	-0.01	0.06	0.29***	0.06	0.11***	0.04	-0.25***	0.07	0.12*	0.06	-0.33***	0.06	0.13	0.09
Partial Package intervention area	-0.02	0.06	0.13**	0.05	0.05	0.04	0.09	0.06	0.31***	0.06	-0.11*	0.06	0.18**	0.09
Survey round (Ref. = baseline, Round 1)														
Round 2	0.21***	0.05	-0.18***	0.05	0.06*	0.03	0.28***	0.03	0.53***	0.03	Not collected		0.81***	0.09
Round 3	0.45***	0.05	-0.34***	0.05	0.15***	0.03	0.11***	0.04	0.44***	0.04	-0.11***	0.03	1.08***	0.09
Round 4	0.13**	0.06	-0.37***	0.06	-0.10**	0.04	-0.08	0.05	0.38***	0.05	-0.10**	0.04	0.71***	0.10
Round 5	0.36***	0.07	-0.39***	0.06	0.02	0.04	-0.06	0.06	0.40***	0.05	-0.14***	0.04	1.42***	0.11
Interaction (Full Package intervention)														
Full Package × Round 2	0.23***	0.07	-0.20***	0.07	0.07	0.05	-0.14***	0.05	-0.01	0.05	Not collected		1.39***	0.13
Full Package × Round 3	0.15*	0.08	-0.27***	0.07	-0.04	0.05	0.00	0.05	0.09	0.05	0.22***	0.05	0.65***	0.14
Full Package × Round 4	0.62***	0.09	-0.37***	0.08	0.21***	0.06	0.33***	0.06	0.53***	0.06	0.18***	0.06	2.46***	0.15
Full Package × Round 5	0.59***	0.09	-0.38***	0.09	0.18***	0.06	0.24***	0.06	0.58***	0.06	0.07	0.07	2.03***	0.16
Interaction (Partial Package intervention)														
Partial Package × Round 2	0.17**	0.06	0.00	0.06	0.10**	0.04	-0.36***	0.04	-0.22***	0.04	Not collected		0.56***	0.12
Partial Package × Round 3	0.20***	0.07	0.03	0.07	0.11**	0.04	-0.32***	0.05	-0.08	0.05	-0.12**	0.04	-0.26**	0.13
Partial Package × Round 4	0.22***	0.08	0.05	0.07	0.15***	0.05	-0.13**	0.05	0.20***	0.05	-0.17***	0.05	0.49***	0.14
Partial Package × Round 5	0.14*	0.08	0.02	0.08	0.07	0.05	-0.05	0.06	0.19***	0.05	-0.08	0.06	0.13	0.14
Baseline values for anthropometry	0.63***	0.01	0.67***	0.01	0.77***	0.01	0.46***	0.02	NA	-	NA	-	NA	-
Child age (continuous, months)	-0.00**	0.00	0.01***	0.00	0.00***	0.00	0.00	0.00	-0.00***	0.00	NA	-	NA	-
Sex (Ref. = female)														
Male	0.00	0.03	0.05*	0.03	0.06***	0.02	0.07	0.04	-0.00	0.04	NA	-	NA	-
Caste (Ref. = non-Muslim)														
Muslim	0.03	0.04	-0.01	0.04	0.01	0.03	0.16***	0.06	0.08	0.05	0.42***	0.06	-0.06	0.05
Animal score	-0.00	0.00	-0.00	0.00	-0.00	0.00	0.01**	0.00	0.01**	0.00	0.05***	0.00	0.01*	0.00
Wealth score	0.00	0.01	0.03*	0.01	0.01	0.01	0.01	0.01	0.08***	0.01	NA	-	NA	-
Per capita household income	0.00	0.00	0.00**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00***	0.00	0.00	0.00
Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	-	NA	-
Women's education (Ref. = none)														
Some primary/primary completed	0.00	0.04	0.02	0.04	0.02	0.03	-0.01	0.06	0.01	0.06	0.65***	0.06	0.35***	0.05
Some secondary/secondary completed and beyond	-0.04	0.07	-0.00	0.07	-0.02	0.05	-0.11	0.10	0.02	0.10	1.54***	0.09	0.61***	0.09

WHZ, weight-for-height Z-score; HAZ, height-for-age Z-score; WAZ, weight-for-age Z-score; HCZ, head circumference Z-score; MUACZ, mid-upper arm circumference Z-score; Ref., reference category; NA, not applicable. Households with children aged 1-60 months from Banke, western Nepal, were randomized to receive: (i) multisectoral community development activities (Full Package), (ii) nutrition education and livestock management training alone (Partial Package) or (iii) no intervention (Control); the study was conducted between August 2013 and August 2017.

\*P < 0.10, \*\*P < 0.05, \*\*\*P < 0.01.

**ORIGINAL TEXT (page 10, Results)**

Table 4 Mixed-effect Poisson regression showing relative risk (RR) and SE for the number of food groups and number of animal-source foods (ASF) consumed by children in the project areas. The model was adjusted for child factors (age, gender, baseline anthropometry, baseline dietary intake) and household factors (household animal and wealth score, land ownership, household per capita income, mother's educational attainment)

	# of Food groups RR (SE)	# of ASFs RR (SE)
<b>Study Area (Ref=Control area)</b>		
Intervention area	1.00(−0.02)	1.21*(−1.79)
Partially intervention area	0.99(−0.01)	1.10(−0.98)
<b>Survey Round (Ref=Baseline, Round 1)</b>		
Round 2	1.09**(−2.23)	2.30***(−8.67)
Round 3	1.42***(−9.06)	2.52***(−9.44)
Round 4	1.31***(−6.27)	1.57***(−3.9)
Round 5	1.34***(−6.38)	1.68***(−4.24)
<b>Interaction (Intervention)</b>		
Intervention * Round 2	0.82***(−3.25)	0.44***(−5.51)
Intervention * Round 3	0.66***(−6.85)	0.39***(−6.22)
Intervention * Round 4	1.13***(−2.03)	1.02(−0.16)
Intervention * Round 5	1.08(−1.22)	0.98(−0.09)
<b>Interaction (Partial Intervention)</b>		
Partial Intervention * Round 2	0.92(−1.46)	0.60***(−3.77)
Partial Intervention * Round 3	0.70***(−6.46)	0.66***(−3.12)
Partial Intervention * Round 4	1.03(−0.67)	1.03(−0.19)
Partial Intervention * Round 5	1.04(−0.73)	1.12(−0.76)
Baseline values	1.05***(−10.44)	1.43***(−16.3)
Child age (months)	1.00***(−2.45)	1.00(−0.21)
<b>Sex (Ref=Female)</b>		
Male	1.00(−0.33)	1.03(−0.97)
<b>Caste (Ref=Non-Muslim)</b>		
Muslim	1.01(−0.76)	1.11***(−2.05)
Animal score	1.00***(−2.55)	1.03***(−4.15)
Wealth Score	1.03***(−4.13)	1.15***(−6.76)
Per capita HH income	1.00(−0.40)	1.00(−0.06)
Land	1.00(−0.31)	1.00(−0.12)
<b>Women's education (Ref=None)</b>		
Some Primary/Primary Completed	1.03(−1.57)	1.12***(−2.4)
Some Secondary/Secondary Completed and beyond	1.05(−1.42)	1.23***(−2.74)

Ref., reference category; NA, not applicable. Households with children aged 1–60 months from Banke, western Nepal, were randomized to receive: (i) multisectoral community development activities (Full Package), (ii) nutrition education and livestock management training alone (Partial Package) or (iii) no intervention (Control); the study was conducted between August 2013 and August 2017.

\*P < 0.10, \*\*P < 0.05, \*\*\*P < 0.01.

**CORRECTION**

Table 4 Mixed-effect Poisson regression showing relative risk (RR) and SE for the number of food groups and number of animal-source foods (ASF) consumed by children in the project areas. The model was adjusted for child factors (age, gender, baseline anthropometry, baseline dietary intake) and household factors (household animal and wealth score, land ownership, household per capita income, mother's educational attainment)

	No. of food groups		No of ASF	
	RR	SE	RR	SE
Study area (Ref. = Control area)				
Full Package intervention area	1.00	0.04	1.21*	0.13
Partial Package intervention area	0.99	0.03	1.10	0.11
Survey round (Ref. = baseline, Round 1)				
Round 2	1.09**	0.04	2.30***	0.22
Round 3	1.42***	0.05	2.52***	0.24
Round 4	1.31***	0.05	1.57***	0.18
Round 5	1.34***	0.06	1.68***	0.20
Interaction (Full Package intervention)				
Full Package × Round 2	0.82***	0.04	0.44***	0.06
Full Package × Round 3	0.66***	0.04	0.39***	0.05
Full Package × Round 4	1.13**	0.07	1.02	0.16
Full Package × Round 5	1.08	0.07	0.98	0.16
Interaction (Partial Package intervention)				
Partial Package × Round 2	0.92	0.04	0.60***	0.08
Partial Package × Round 3	0.70***	0.03	0.66***	0.08
Partial Package × Round 4	1.03	0.05	1.03	0.15
Partial Package × Round 5	1.04	0.06	1.12	0.17
Baseline values for child diet	1.05***	0.00	1.43***	0.03
Child age (months)	1.00**	0.00	1.00	0.00
Sex (Ref.=female)				
Male	1.00	0.01	1.03	0.03
Caste (Ref. = non-Muslim)				
Muslim	1.01	0.02	1.11**	0.05
Animal score	1.00**	0.00	1.03***	0.00
Wealth score	1.03***	0.00	1.15***	0.02
Per capita household income	1.00	0.00	1.00	0.00
Land	1.00	0.00	1.00	0.00
Women's education (Ref. = none)				
Some primary/primary completed	1.03	0.02	1.12**	0.05
Some secondary/ secondary completed and beyond	1.05	0.03	1.23***	0.09

Ref., reference category; NA, not applicable. Households with children aged 1–60 months from Banke, western Nepal, were randomized to receive: (i) multisectoral community development activities (Full Package), (ii) nutrition education and livestock management training alone (Partial Package) or (iii) no intervention (Control); the study was conducted between August 2013 and August 2017.\*P < 0.10, \*\*P < 0.05, \*\*\*P < 0.01.

**Reference**

Miller LC, Neupane S, Joshi N, Lohani M, Rogers BL, Neupane S, Ghosh S & Webb P (2019) Multisectoral community development in Nepal has greater effects on child growth and diet than nutrition education alone. *Public Health Nutrition*, 146–161. doi: 10.1017/S1368980019004944