

Supplemental Tables

Supplementary Table 1. Numbers of domestic animal types by housing location in low-income peri-urban Kisumu.

Species	Household	Compound	Another Place
Chicken	73	14	2
Duck	3	12	1
Pigeon	1	3	1
Cattle	0	20	1
Goats	1	22	2
Sheep	1	11	1
Donkey	0	0	1
Pig	0	0	1
Rabbit	0	1	1
Dog	0	21	1
Cat	45	3	1

Supplementary Table 2. Odds of caregiver-reported 7-day diarrhea in five months old infants for confounders used to adjust the multivariable model.

Confounders	Bivariate OR (95% CI)	Adjusted OR (95% CI) ¹
Single vs married	1.82 (1.08, 2.95)	1.71 (0.95, 2.99)
Secondary or higher vs primary or no maternal education	1.46 (1.01, 2.12)	1.40 (0.90, 2.18)
Wealth index quintile	Ref.	Ref.
- Highest	1.40 (0.76, 2.59)	0.97 (0.47, 2.07)
- Above middle	1.29 (0.70, 2.39)	0.80 (0.36, 1.81)
- Middle	1.42 (0.77, 2.64)	0.86 (0.38, 1.99)
- Lower middle	1.56 (0.86, 2.87)	0.89 (0.37, 2.16)
- Lowest		
More than one child vs one child	1.13 (0.77, 1.65)	1.04 (0.68, 1.57)
Preterm versus term birth	0.38 (0.18, 0.71)	0.43 (0.20, 0.85)
Infant breastfed in the last day versus not breastfed	0.96 (0.67, 1.40)	0.77 (0.49, 1.22)

Odds ratio (OR); Confidence Interval (95% CI). For binary independent variables, the reference category is specified after "Vs".

¹Adjusted for confounders and water, animal, sanitation, hygiene, food, and flooring variables of interest.

Statistically significant results ($p \leq 0.05$) are in bold type.

Supplementary Table 3. Odds of detecting a higher number versus lower number of pathogen types in feces of five months old infants for confounders used to adjust multivariable model.

Confounders	Bivariate OR (95% CI)	Adjusted OR (95% CI) ¹
Single vs married	0.97 (0.66, 1.42)	0.84 (0.55, 1.28)

Secondary or higher vs primary or no maternal education	1.31 (1.02, 1.69)	1.09 (0.82, 1.45)
Wealth index quintile	Ref.	Ref.
- Highest	1.05 (0.72, 1.55)	0.82 (0.51, 1.31)
- Above middle	1.63 (1.11, 2.40)	1.22 (0.73, 2.02)
- Middle	1.28 (0.87, 1.88)	0.89 (0.53, 1.52)
- Lower middle	1.89 (1.28, 2.80)	1.31 (0.75, 2.31)
- Lowest		
More than one child vs one child	0.98 (0.75, 1.27)	0.85 (0.65, 1.13)
Preterm versus term birth	0.94 (0.66, 1.34)	0.93 (0.64, 1.37)
Infant breastfed in the last day versus not breastfed	1.18 (0.92, 1.51)	1.30 (0.96, 1.77)

Odds ratio (OR); Confidence Interval (95% CI). For binary independent variables, the reference category is specified after "Vs".

¹Adjusted for confounders and water, animal, sanitation, hygiene, food, and flooring variables of interest.

Statistically significant results ($p \leq 0.05$) are in bold type.