

Table S2 The association between mode of delivery and infant health outcomes at six month follow-up in the LIFE study, adjusting for pre-delivery maternal factors and postpartum covariates

| | ≥1 outcome at 6 months (Diarrhea, difficulty breathing, or respiratory infection) | | Comorbid diarrhea and respiratory infection at 6 months | |
|--|--|-------------------------|---|-------------------------|
| | Unadjusted RR (95% CI) | Weighted * aRR (95% CI) | Unadjusted RR (95% CI) | Weighted * aRR (95% CI) |
| Cesarean vs Vaginal delivery | 0.88 (0.77-1.01) | 0.88 (0.76-1.03) | 0.91 (0.52-1.62) | 0.94 (0.48-1.85) |
| Infant sex: girl vs boy | 0.95 (0.83-1.09) | 0.91 (0.78-1.06) | 1.74 (0.96-3.14) | 1.71 (0.84-3.48) |
| Infant breastfed 2+ hours after birth vs <1 hour | 0.99 (0.85-1.15) | 0.87 (0.74-1.03) | 1.87 (1.03-3.37) | 1.55 (0.79-3.03) |
| <i>Diaper/Waste disposal method</i> | | | | |
| Put/rinsed into toilet or latrine | 1.17 (0.90- 1.52) | 1.17 (0.88-1.56) | 1.76 (0.67-4.64) | 1.57 (0.48-5.18) |
| Put/ rinsed into open drain or ditch | 1.20 (0.94- 1.55) | 1.19 (0.90- 1.56) | 1.35 (0.51-3.57) | 1.39 (0.43-4.49) |
| Buried | 0.88 (0.67- 1.16) | 0.78 (0.57- 1.06) | 0.18 (0.04-0.93) | 0.09 (0.008-1.15) |
| Thrown into garbage | Ref. | Ref. | Ref. | Ref. |
| Left in the open | 1.16 (0.88- 1.55) | 1.12 (0.81- 1.54) | 0.67 (0.18-2.42) | 0.67 (0.14-3.09) |

* Variables incorporated in weight: pre-pregnancy BMI, Parity, Level of education; First trimester prenatal vitamin use, Diagnosed with feet swelling during third trimester, Not able to do regular duties due to illness/injury during third trimester, Prenatal vaginal bleeding; Age at delivery, one or more labor and delivery complications