

Additional File 3. Prevalence of self-reported diarrhea by home filter status: Intent to Treat Analysis

Aggregation	Before filter in home¹ % (x/n)	After filter in home¹ % (x/n)	OR (95% CI)²	aOR (95% CI)³
Any member of the household	25.6% (101/394)	10.3% (70/681)	0.26 (0.17,0.383)***	0.31 (0.18,0.52)***
Adults only	17.3% (68/392)	4.8% (32/666)	0.07 (0.03,0.16)***	0.26 (0.13,0.53)***
School aged children only	12.2% (46/378)	5.7% (37/648)	0.22 (0.09,0.5)***	0.41 (0.19,0.86)*
Children less than 5	11.8% (12/102)	7.1% (12/169)	0.50 (0.18,1.37)	0.47 (0.12,1.83)

* $p < 0.05$; ** $p < 0.01$, *** $p < 0.001$

¹Counts are each measurement of each household and include households reporting no filter usage

²Odds Ratio accounting for repeated measures

³Adjusting Odds Ratio accounting for repeated measures and adjusted for Household size, Season (Fall, Winter, Spring), Water Source, School Filter Status and Region