

Tables in the manuscript

Table 1: Analysis of HALI motivating data set

| | Intervention (n=1230) | Control (n=1235) |
|---|-----------------------|------------------|
| Baseline cluster characteristics | | |
| Number | 51 | 50 |
| Cluster Size – mean (SD) | 24.1 (3.3) | 24.7 (1.9) |
| Baseline child-level characteristics - % (n) | | |
| Female | 47.9% (589) | 49.5% (611) |
| Age – mean (sd) | 7.7 (1.7) | 7.9 (1.7) |
| Household head education | | |
| Did not complete primary education | 29.1% (358) | 34.4% (425) |
| Primary | 55.6% (684) | 52.7% (651) |
| Secondary | 11.5% (141) | 10.6% (131) |
| College/degree | 3.8% (47) | 2.3% (28) |
| Household socioeconomic status (SES) | | |
| Poorest | 19.0% (234) | 26.3% (325) |
| Poor | 19.9% (245) | 21.1% (261) |
| Median poor | 21.1% (259) | 17.7% (219) |
| Less poor | 19.9% (245) | 18.4% (227) |
| Least poor | 20.1% (247) | 16.4% (203) |
| Outcome at 9-month follow-up | | |
| High literacy (spelling score > 10) | 52.4% (644) | 39.5% (488) |
| Missing outcome | 12.4% (152) | 11.6% (143) |

Note: 1A: Baseline and outcome characteristics of motivating HALI data set for n=2465 participants with complete baseline covariates

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| | OR | (95% CI) |
|-----------|------|--------------|
| CRA-GEE | 1.82 | (1.26, 2.65) |
| A-CRA-GEE | 1.93 | (1.38, 2.71) |
| W-GEE | 1.80 | (1.23, 2.62) |
| CW-GEE | 1.83 | (1.26, 2.65) |
| MMI-GEE | 1.81 | (1.25, 2.63) |

Note: 1B: Estimated intervention effects under five different GEE approaches (with robust SE and exchangeable working correlation matrix)