**Supplemental Digital Content 4:** Baseline characteristics among rotavirus IgA seronegative infants versus seropositive infants

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|  | **RV seronegative**  (Mothers N=161)  (Infants N=164) | **RV seropositive**  (Mothers N=59)  (Infants N=60) |
| **Infant characteristics**  Gender, % female  Birthweight, kilograms; mean (SD)  Low birthweight (<2.5kg), %  Institutional delivery, %  Normal Vaginal delivery, %  Born in rotavirus season, %[[1]](#footnote-1)  Exclusive breastfeeding, %[[2]](#footnote-2)  Receipt of concurrent OPV, %  Randomized to WASH intervention, % | 43.3  3.11 (0.5)  6.7  94.4  95.1  39.0  93.1  99.4  34.2 | 46.7  3.22 (0.4)  5.0  95.0  95.0  40.0  94.7  100  43.3 |
| **Maternal characteristics**  Age, years; mean (SD)  Parity, median (IQR)  Height, cm; mean (SD)  Mean upper arm circumference, cm; mean (SD)  Married, %  Completed years of schooling, median (IQR)  Unemployed, %  Religion:  Protestant, %  Apostolic, %  Catholic, %  Other Christian, %  Pentecostal, %  Other religion, %  Wealth Quintile:  Lowest, %  Second ,%  Middle, %  Fourth, %  Highest, % | 27.2 (6.5)  2 (2, 2)  160.2 (5.5)  27.2 (3.2)  93.8  10 (9, 11)  91.2  13.0  43.2  15.4  8.0  13.0  7.4  10.7  23.9  18.2  24.5  22.6 | 26.3 (5.7)  2 (2, 2)  160.5 (5.2)  27.4 (3.2)  100.0  10 (9, 11)  83.1  17.0  39.0  18.6  11.9  11.9  1.7  15.3  18.6  28.8  18.6  18.6 |
| **Household characteristics**  Household size, median (IQR)  Electricity, %  Open defecation, %  Any latrine, %  Improved latrine, %  Improved water source, %  Handwashing station present, %  Improved floor, %  Owns chickens, %  Livestock observed in house, % | 5 (4, 6)  2.5  40.5  49.7  43.9  66.5  13.3  58.0  84.3  42.0 | 5 (3, 6)  5.2  44.1  50.9  45.6  56.1  12.3  56.9  81.4  45.0 |

1. Rotavirus season in Zimbabwe defined as 1st April – 31st July. [↑](#footnote-ref-1)
2. Assessed at three months of age [↑](#footnote-ref-2)