**Supplemental Table 1. Differences in mean values of key child and household characteristics at Round 1 between longitudinal and attrited sample, by country and cohort**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Dropped-out (R4-R1)** | **Sample** | **Difference** |  | **Dropped-out (R2-R1)** | **Sample** | **Difference** |
|   | **Ethiopia YC** |  | **Ethiopia OC** |
| Male | 0.49 | 0.53 | -0.04 |   | 0.51 | 0.50 | 0.01 |
| Wealth index in Round 1 | 0.23 | 0.21 | 0.02 |   | 0.22 | 0.25 | -0.04 |
| Caregiver completed primary school | 0.27 | 0.22 | 0.05 |   | 0.18 | 0.20 | -0.02 |
| N (including deaths) | 124 | 1875 | 1999 |   | 20 | 980 | 1000 |
|   | **India YC** |  | **India OC** |
| Male | 0.54 | 0.56 | -0.02 |   | 0.49 | 0.50 | -0.01 |
| Wealth index in Round 1 | 0.46 | 0.41 | 0.05\*\* |   | 0.41 | 0.64 | -0.23\*\*\* |
| Caregiver completed primary school | 0.39 | 0.48 | -0.08 |   | 0.29 | 0.71 | -0.42\*\*\* |
| N (including deaths) | 96 | 1915 | 2011 |   | 14 | 994 | 1008 |
|   | **Peru YC** |  | **Peru OC** |
| Male | 0.47 | 0.50 | -0.04 |   | 0.53 | 0.62 | -0.09 |
| Wealth index in Round 1 | 0.40 | 0.43 | -0.02 |   | 0.47 | 0.49 | -0.01 |
| Caregiver's years of education  | 7.42 | 7.72 | -0.30 |   | 7.32 | 7.79 | -0.47 |
| N (including deaths) | 172 | 1902 | 2052 |   | 29 | 685 | 714 |
|   | **Vietnam YC** |   | **Vietnam OC** |
| Male | 0.50 | 0.52 | -0.02 |   | 0.50 | 0.80 | -0.30\*\* |
| Wealth index in Round 1 | 0.51 | 0.43 | 0.08\*\*\* |   | 0.44 | 0.67 | -0.23\*\*\* |
| Caregiver completed primary school | 0.77 | 0.72 | 0.05 |   | 1.32 | 1.00 | 0.32\*\*\* |
| N (including deaths) | 70 | 1930 | 2000 |   | 10 | 990 | 1000 |

*Note: in Round 1, with the exception of Peru, the caregiver’s education variable was a dichotomous variable related to the completion of primary education.*

**Supplemental Table 2. Descriptive statistics, by country and cohort, and pairwise comparison of cross-cohort differences in outcome variables**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | **Ethiopia** | **India** | **Peru** | **Vietnam** |
|   | **OC - 2006** | **YC - 2013** |  | **OC - 2006** | **YC - 2013** |  | **OC - 2006** | **YC - 2013** |  | **OC - 2006** | **YC - 2013** |  |
|   | Mean (SD) | Mean (SD) | P value | Mean (SD) | Mean (SD) | P value | Mean (SD) | Mean (SD) | P value | Mean (SD) | Mean (SD) | P value |
| **Dietary diversity - 7 food groups** | 3.50 | 3.96 | 0.000 | 4.25 | 4.30 | 0.12 | 4.94 | 5.35 | 0.000 | 4.69 | 4.67 | 0.660 |
|  | (1.12) | (0.93) |   | (0.98) | (0.91) |   | (1.15) | (0.99) |   | (1.06) | (1.08) |   |
| **Group1: Grain, roots and tubers** | 0.97 | 0.99 | 0.000 | 0.99 | 0.98 | 0.001 | 0.99 | 1.00 | 0.026 | 1.00 | 1.00 | 0.204 |
|  | (0.17) | (0.08) |   | (0.08) | (0.15) |   | (0.09) | (0.05) |   | (0.06) | (0.04) |   |
| **Group 2: Fruits & vegetables** | 0.67 | 0.91 | 0.000 | 0.95 | 0.98 | 0.000 | 0.94 | 0.97 | 0.002 | 0.97 | 0.97 | 0.628 |
|  | (0.47) | (0.28) |   | (0.21) | (0.14) |   | (0.24) | (0.18) |   | (0.18) | (0.17) |   |
| **Group 3: Meat & fish** | 0.15 | 0.13 | 0.084 | 0.15 | 0.16 | 0.47 | 0.50 | 0.85 | 0.000 | 0.90 | 0.94 | 0.001 |
|  | (0.36) | (0.33) |   | (0.36) | (0.37) |   | (0.50) | (0.35) |   | (0.29) | (0.23) |   |
| **Group 4: Eggs** | 0.06 | 0.08 | 0.059 | 0.19 | 0.24 | 0.001 | 0.46 | 0.49 | 0.144 | 0.41 | 0.58 | 0.01 |
|  | (0.24) | (0.27) |   | (0.39) | (0.43) |   | (0.50) | (0.50) |   | (0.49) | (0.49) |   |
| **Group 5: Pulses, legumes and nuts** | 0.69 | 0.71 | 0.365 | 0.40 | 0.24 | 0.000 | 0.43 | 0.38 | 0.023 | 0.24 | 0.20 | 0.008 |
|  | (0.46) | (0.46) |   | (0.49) | (0.43) |   | (0.50) | (0.49) |   | (0.43) | (0.40) |   |
| **Group 6: Milk & dairy products** | 0.19 | 0.24 | 0.003 | 0.64 | 0.74 | 0.000 | 0.66 | 0.74 | 0.000 | 0.25 | 0.36 | 0.000 |
|  | (0.39) | (0.43) |   | (0.48) | (0.44) |   | (0.48) | (0.44) |   | (0.43) | (0.48) |   |
| **Group 7: Foods cooked in oil** | 0.77 | 0.90 | 0.000 | 0.92 | 0.97 | 0.000 | 0.96 | 0.91 | 0.000 | 0.92 | 0.62 | 0.000 |
|  | (0.42) | (0.30) |   | (0.27) | (0.18) |   | (0.20) | (0.28) |   | (0.27) | (0.48) |   |
| **Sugar** | 0.41 | 0.55 | 0.000 | 0.72 | 0.72 | 0.953 | 0.98 | 0.98 | 0.498 | 0.45 | 0.62 | 0.000 |
|  | (0.49) | (0.50) |   | (0.45) | (0.45) |   | (0.13) | (0.14) |   | (0.50) | (0.49) |   |
| **N** | 978 | 1867 |   | 994 | 1909 |   | 683 | 1724 |   | 990 | 1891 |   |

*Notes: OC = Older Cohort (born 1994/95); YC = Younger Cohort (born 2001/02). SD= standard deviation.*