**Supplemental Table S1**

**Frequencies (percent)\* of age, sex, educational attainment, and assets quartiles by country and mode of testing**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | **Burkina Faso** | **Kenya** | **Malawi** | **Uganda** | **Total** |  |
|  | **Integ-rated**  |  **VCT** | **PMTCT** | **Total** | **Integ-rated**  |  **VCT** | **PMTCT** | **Total** | **Integ-rated**  |  **VCT** | **PMTCT** | **Total** | **Integ-rated**  |  **VCT** | **PMTCT** | **Total** |  |  |
| **Age (yrs) mean** | 33.3 | 30.8 | 25.4 | 30.4 | 31.3 | 28 | 28.4 | 30.4 | 33.1 | 29 | 26.5 | 31 | 33.3 | 30.1 | 25.1 | 30.6 | 30.6 |
| SD | 9.2 | 9.1 | 4.9 | 8.9 | 7.6 | 7.6 | 6.2 | 7.4 | 11.3 | 11.2 | 6.6 | 10.7 | 12 | 8.7 | 5.4 | 10.1 | 9.5 |
|   |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |
|  |  **%** |  **%** |  **%** | **No.** |  **%** |  **%** |  **%** |  **%** | **No.** |  **%** |  **%** |  **%** |  **%** | **No.** |  **%** |  **%** |  **%** |  **%** | **No.** |  **%** | **No.** |  **%** |
| **Age (10-yr cats)** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0-24 | 12.3 | 29.7 | 43.4 | 150 | 27.9 | 17.5 | 47.1 | 29.1 | 86 | 22.5 | 25.0 | 34.9 | 46.5 | 168 | 31.5 | 23.5 | 31.4 | 51.1 | 207 | 31.2 | 611 | 28.9 |
| 25-34 | 47.8 | 38.9 | 53.8 | 237 | 44.1 | 56.1 | 29.4 | 58.2 | 207 | 54.2 | 36.5 | 51.2 | 43 | 210 | 39.4 | 40 | 40 | 42.6 | 268 | 40.4 | 922 | 43.6 |
| 35-44 | 27.5 | 22.5 | 2.8 | 107 | 19.9 | 17.8 | 17.6 | 10.1 | 62 | 16.2 | 23.9 | 7 | 8.5 | 98 | 18.4 | 19.2 | 20.3 | 6.4 | 119 | 17.9 | 386 | 18.2 |
| 45+ | 12.3 | 8.9 | 0 | 43 | 8 | 8.6 | 5.9 | 2.5 | 27 | 7.1 | 14.7 | 7 | 2.1 | 57 | 10.7 | 17.3 | 8.3 | 0 | 70 | 10.5 | 197 | 9.3 |
|   |  |  |  |  |  |   |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |
| **Sex of the respondent** |  |  |  |  |  |   |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |
| Female | 55.8 | 58.4 | 100 | 354 | 65.9 | 41.3 | 55.9 | 100 | 209 | 54.7 | 62.9 | 25.6 | 100 | 372 | 69.8 | 52.9 | 52.1 | 100 | 393 | 59.2 | 1328 | 62.8 |
| Male | 44.2 | 41.6 | 0 | 183 | 34.1 | 58.7 | 44.1 | 0 | 173 | 45.3 | 37.1 | 74.4 | 0 | 161 | 30.2 | 47.1 | 47.9 | 0 | 271 | 40.8 | 788 | 37.2 |
|   |  |  |  |  |  |   |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |
| **Education (3 cats)** |  |  |  |  |  |   |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |
| No formal education | 37 | 20.5 | 40.6 | 154 | 28.7 | 0.4 | 2.9 | 0 | 2 | 0.5 | 19.5 | 9.3 | 16.2 | 95 | 17.8 | 7.1 | 7 | 8.5 | 48 | 7.2 | 299 | 14.1 |
| Primary incomplete/complete | 31.2 | 19.8 | 34.9 | 138 | 25.7 | 30.5 | 23.5 | 41.8 | 123 | 32.2 | 56.3 | 46.5 | 66.9 | 311 | 58.3 | 47.1 | 25.1 | 46.8 | 243 | 36.6 | 815 | 38.5 |
| Secondary or more | 31.9 | 59.7 | 24.5 | 245 | 45.6 | 69.1 | 73.5 | 58.2 | 257 | 67.3 | 24.1 | 44.2 | 16.9 | 127 | 23.8 | 45.9 | 67.9 | 44.7 | 373 | 56.2 | 1002 | 47.4 |
|   |  |  |  |  |  |   |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |
| **Assets index (quartiles, country-specific)** |  |  |   |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |
| Lowest | 17.4 | 17.1 | 30.2 | 106 | 19.7 | 24.5 | 23.5 | 19 | 89 | 23.3 | 20.1 | 16.3 | 26.1 | 114 | 21.4 | 21.2 | 15.6 | 16 | 118 | 17.8 | 426 | 20.1 |
| Second | 34.1 | 25.6 | 31.1 | 155 | 28.9 | 21.6 | 26.5 | 24.1 | 86 | 22.5 | 25.3 | 16.3 | 28.9 | 136 | 25.5 | 41.2 | 21 | 26.6 | 196 | 29.5 | 574 | 27.1 |
| Third | 27.5 | 25.3 | 26.4 | 140 | 26.1 | 30.9 | 20.6 | 29.1 | 113 | 29.6 | 25.3 | 23.3 | 26.1 | 135 | 25.3 | 17.6 | 23.2 | 29.8 | 146 | 22 | 502 | 23.7 |
| Highest | 21 | 32.1 | 12.3 | 136 | 25.3 | 23 | 29.4 | 27.8 | 94 | 24.6 | 29.3 | 44.2 | 19 | 148 | 27.8 | 20 | 40.3 | 27.7 | 204 | 30.7 | 614 | 29.0 |
|   |  |  |  |  |  |   |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |
| **Total (n)** | **138** | **293** | **106** | **537** | **100** | **269** | **34** | **79** | **382** | **100** | **348** | **43** | **142** | **533** | **100** | **255** | **315** | **94** | **664** | **100** | **2116** | **100** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\*All figures in the table are percentages, except for age and standard deviation of mean age, which are in years, and the Total columns which include number (No.) and percent.