**Supplementary Digital Content Table S1: Demographic and Health Survey Sample Size by Country**

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| **Country** | **Contraceptive Prevalence Rate** | **Total Fertility Rate** | **Survey Year** | **Sample analysed** | **Sample Size** |
| Chad | 5.7 | 6.4 | 2014/15 | 15,827 | 17,115 |
| Congo DRC | 20.4 | 6.6 | 2013/14 | 15,117 | 18,716 |
| Malawi | 59.2 | 4.4 | 2015/16 | 12,841 | 17,286 |
| Zimbabwe | 66.8 | 4 | 2015 | 4,429 | 6,132 |
| Nigeria | 15.1 | 5 | 2013 | 25,301 | 31,482 |
| Togo | 19.9 | 4.8 | 2013/14 | 5,426 | 6,979 |
| Uganda | 26 | 5.4 | 2016 | 12,181 | 15,522 |
| Tanzania | 38.4 | 5.2 | 2015/16 | 7,812 | 10,233 |