**S1 Table**. **Study site characteristics.**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **County** | **Pop (x1000)** | **Main Activities** | **Mean Annual Temp (C)39** | **Mean Annual Precip (mm)39** | **Poverty Rate (%)40** | **Child Stunting41** | **Child Wasting41** | **Main Diet** | **Mobile Phone Penetration14** | **Languages** |
| Baringo | 556 | Pastoralism, bee-keeping, highland coffee & dairy | 16.0 (highlands)  22.8 (lowlands) | 1325 (highlands)  665 (lowlands) | 52.2% | 29.5 % | 6.9% | Maize meal, greens, milk | 50% | Kalenjin, Kiswahili |
| Kitui | 156 | Maize, sorghum and millet farming, agro-pastoralism | 20.0 (highlands)  24.9 (lowlands) | 925 (highlands)  550 (lowlands) | 60.4 % | 45.8% | 3.4% | Maize and beans | 25% | Kikamba, Kiswahili |