**Supplementary Table 2:** Basic district characteristics included in regression\* and the percent of the population living in rural areas

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **District** | **Date of first CHW training** | **Endemic malaria** | **Kabeho Mwana Project** | **Percent rural** **(DHS 2010)** |
| Bugasera | Sep 2009 | yes | no | 100% |
| Burera | May 2009 | no | no | 100% |
| Gakenke  | Oct 2009 | no | no | 100% |
| Gasabo | Jan 2011 | yes | no | 48% |
| Gatsibo  | May 2010 | yes | no | 100% |
| Gicumbi  | Aug 2010 | no | no | 89% |
| **Gisagara** | **Nov 2008** | **yes** | **yes** | 100% |
| Huye  | Oct 2010 | yes | no | 81% |
| Kamonyi  | Dec 2010 | yes | no | 100% |
| Karongi  | Jul 2010 | no | no | 87% |
| Kayonza  | Sep 2010 | yes | no | 100% |
| Kicukiro | Jan 2010 | yes | no | 0% |
| **Kirehe** | **Jun 2008** | **yes** | **yes** | 100% |
| Muhanga | Oct 2010 | no | no | 79% |
| Musanze | May 2009 | no | no | 91% |
| **Ngoma** | **Feb 2009** | **yes** | **yes** | 88% |
| Ngororero | May 2009 | no | no | 100% |
| Nyabihu | May 2009 | no | no | 100% |
| Nyagatare  | Oct 2010 | yes | no | 100% |
| **Nyamagabe** | **Feb 2009** | **no** | **yes** | 94% |
| **Nyamasheke** | **Feb 2009** | **yes** | **yes** | 100% |
| Nyanza | Mar 2009 | yes | no | 79% |
| Nyarugenge | Jan 2011 | yes | no | 6% |
| **Nyaruguru** | **Feb 2009** | **no** | **yes** | 100% |
| Rubavu | May 2009 | no | no | 91% |
| Ruhango | Nov 2008 | yes | no | 85% |
| Rulindo | Oct 2010 | yes | no | 100% |
| Rusizi  | Oct 2009 | yes | no | 91% |
| Rutsiro  | Jun 2010 | no | no | 100% |
| Rwamagana  | Oct 2010 | yes | no | 87% |

\*The regression also included the district as a fixed effect.