**Supplemental Table 1** - Linear probability model estimates of the effect of RDT and ACT subsidies on malaria testing behavior, defined as self-report of taking any malaria test and self-report of taking any malaria test with proof of test

|  | Unadjusted    | Any test Adjusted (Parsimonious) | Adjusted (Full) | Unadjusted    | Test with proof<br>Adjusted<br>(Parsimonious) | ·<br>Adjusted (Full) |
|--|---------------|----------------------------------|-----------------|---------------|---|----------------------|
| RDT-only Subsidy (Group B vs. Group D)                                       | 21.4%         | 18.8%                            | 18.6%           | 23.7%         | 21.2%   | 22.6%                |
|  | [8.5, 34.2]   | [5.9, 31.6]                      | [5.9, 31.3]     | [9.9, 37.4]   | [7.5, 34.8]                                   | [9.0, 36.3]          |
| ACT-only Subsidy (Group C vs. Group D)                                       | -2.9%         | -3.5%                            | -2.8%           | -1.1%         | -2.3%   | -0.4%                |
|  | [-16.2, 10.5] | [-16.9, 9.9]                     | [-16.5, 11.0]   | [-15.0, 12.8] | [-16.3, 11.7]                                 | [-14.9, 14.0]        |
| RDT Subsidy x ACT Subsidy<br>(Interaction Effect)                            | 3.2%          | 5.0%                             | 5.5%            | 2.1%          | 4.2%  | 2.6%                 |
|  | [-14.5, 20.9] | [-12.7, 22.8]                    | [-12.3, 23.4]   | [-16.6, 20.8] | [-14.6, 23.0]                                 | [-16.4, 21.5]        |
| Reference Level  | 52.4%         | 58.2%                            | 62.0%           | 47.3%         | 53.4%   | 53.2%                |
|  | [42.8, 62.1]  | [47.8, 68.7]                     | [32.8, 91.3]    | [37.2, 57.5]  | [42.3, 64.5]                                  | [21.7, 84.8]         |
| Effect of ACT subsidy in the presence of free testing (Group A vs. Group D)* | 0.35%         | 1.6%                             | 2.7%            | 1.0%          | 1.9%  | 2.1%                 |
|  | [-11.3, 12.0] | [-10.1, 13.2]                    | [-8.7, 14.1]    | [-11.6, 13.5] | [-10.6, 14.4]                                 | [-10.0, 14.3]        |
| Demographics   |               |                                  |                 |               |   |                      |
| Age >5 to <18  |               |                                  | 0.17%           |               |   | -1.7%                |
|  |               |                                  | [-10.8, 11.1]   |               |   | [-13.3, 9.9]         |
| Age 18 to <35  |               |                                  | -6.8%           |               |   | -7.9%                |
|  |               |                                  | [-21.4, 07.7]   |               |   | [-22.9, 7.1]         |
| Age 35+  |               |                                  | 2.0%            |               |   | 0.6%                 |
|  |               |                                  | [-11.4,15.4]    |               |   | [-13.6, 14.8]        |
| Female   |               |                                  | 7.9%            |               |   | 9.6%                 |
|  |               |                                  | [-1.6,17.4]     |               |   | [-0.6, 19.7]         |

| Household size                                 |     |                | 2.36%         |     |               | 2.1%          |
|--|-----|----------------|---------------|-----|---------------|---------------|
|  |     |                | [-2.0, 6.7]   |     |               | [-2.7, 6.7]   |
| Income, Education and Employment               |     |                |               |     |               |               |
| Wealth: Poorest 40 <sup>th</sup><br>Percentile |     | -13.0%         | -14.5%        |     | -13.2%        | -14.6%        |
|  |     | [-22.3, -36.5] | [-24.1, -4.9] |     | [-22.9, -3.4] | [-24.6, -4.6] |
| Primary education                              |     |                | -1.8%         |     |               | 1.2%          |
|  |     |                | [-26.5, 22.9] |     |               | [-25.0, 27.4] |
| Secondary education                            |     |                | -1.1%         |     |               | 1.7%          |
|  |     |                | [-26.7, 24.5] |     |               | [-25.3, 28.7] |
| Unemployed/Disabled or<br>Unavailable/Student  |     |                | 4.1%          |     |               | 3.9%          |
|  |     |                | [-9.2, 17.4]  |     |               | [-10.3, 18.1] |
| Employed                                       |     |                | 3.44%         |     |               | 3.3%          |
|  |     |                | [-11.7, 18.6] |     |               | [-13.2, 19.9] |
| Self-Employed/Other                            |     |                | -11.5%        |     |               | -11.5%        |
|  |     |                | [-24.3, 1.3]  |     |               | [-24.8, 1.7]  |
| Other covariates                               |     |                |               |     |               |               |
| CU 2   |     |                | -8.6%         |     |               | -7.4%         |
|  |     |                | [-20.8, 3.6]  |     |               | [-20.2, 5.5]  |
| CU 3   |     |                | -7.3%         |     |               | -7.3%         |
|  |     |                | [-18.0, 3.3]  |     |               | [-18.7, 4.1]  |
| Observations                                   | 435 | 427            | 427           | 399 | 392           | 392           |

<sup>\*</sup>All continuous variables standardized