

#### SUPPLEMENT 4. LARC Use at 4-Month Follow-Up in Different Subgroups After the Mobile Phone Intervention for Post-MR Contraception

|   | <b>Intervention Arm</b>                     | <b>Control Arm</b>                          |   |   |
|---|---|---|---|---|
|   | <b>No. Using LARC/Total No. Respondents</b> | <b>No. Using LARC/Total No. Respondents</b> | <b>Unadjusted OR of LARC Use at 4 Months (95% CI)</b> | <b>Adjusted OR of LARC Use at 4 Months (95% CI)<sup>a,b</sup></b> |
| Age, years  |   |   |   |   |
| Under 25  | 10/112 (9%)                                 | 10/115 (9%)                                 | 1.03 (0.41–2.58)                                      | 0.89 (0.21–3.68)  |
| ≥25   | 38/276 (14%)                                | 49/268 (18%)                                | 0.71 (0.45–1.13)                                      | 1.16 (0.52–2.59)  |
| Education   |   |   |   |   |
| Up to and including primary                                     | 16/118 (14%)                                | 15/85 (18%)                                 | 0.73 (0.34–1.58)                                      | 0.67 (0.19–2.36)  |
| Over primary  | 32/271 (12%)                                | 44/298 (15%)                                | 0.77 (0.47–1.26)                                      | 1.30 (0.56–3.03)  |
| SES   |   |   |   |   |
| <50% percentile PPI score                                       | 26/188 (14%)                                | 26/174 (15%)                                | 0.91 (0.48–1.19)                                      | 0.72 (0.29–1.79)  |
| ≥50% percentile PPI score                                       | 22/201 (10%)                                | 33/209 (16%)                                | 0.66 (0.37–1.17)                                      | 1.41 (0.50–4.00)  |
| MR procedure type   |   |   |   |   |
| MVA   | 42/289 (15%)                                | 50/273 (18%)                                | 0.76 (0.48–1.19)                                      | 1.39 (0.61–3.19)  |
| Medical   | 6/100 (6%)                                  | 9/110 (8%)                                  | 0.72 (0.25–2.09)                                      | 0.51 (0.12–2.14)  |
| Experienced physical IPV in the last year                       |   |   |   |   |
| No  | 44/246 (13%)                                | 51/328 (16%)                                | 0.79 (0.51–1.22)                                      | 1.07 (0.52–2.19)  |
| Yes   | 4/42 (10%)                                  | 8/53 (15%)                                  | 0.59 (0.17–2.12)                                      | 0.59 (0.02–13.99)   |
| Who makes decision about whether participant uses contraception |   |   |   |   |
| Self  | 8/65 (12%)                                  | 8/60 (13%)                                  | 0.91 (0.32–2.61)                                      | 2.97 (0.30–29.75)   |
| Self and someone else   | 36/273 (13%)                                | 46/276 (17%)                                | 0.76 (0.47–1.22)                                      | 0.84 (0.37–1.90)  |
| Someone else  | 4/51 (8%)                                   | 5/47 (11%)                                  | 0.71 (0.18–2.84)                                      | 0.81 (0.08–7.87)  |
| Facility type <sup>c</sup>                                      |   |   |   |   |
| Government clinic supported by Ipas                             | 25/190 (13%)                                | 28/195 (14%)                                | 0.90 (0.51–1.62)                                      | 2.35 (0.80–6.87)  |
| Marie Stopes International clinic                               | 23/199 (12%)                                | 31/188 (16%)                                | 0.62 (0.37–1.18)                                      | 0.50 (0.18–1.141)   |

Abbreviations: CI, confidence interval; IPV, intimate partner violence; LARC, long-acting reversible contraceptive; MR, menstrual regulation; MVA, manual vacuum aspiration; OR, odds ratio; PPI, Poverty Probability Index; SES, socioeconomic status.

<sup>a</sup> Adjusted for baseline LARC use, SES, and age except where these are subgroup categories.

<sup>b</sup> Total number varies due to missing data (see Table 1).

<sup>c</sup> Subgroup not prespecified in the published protocol.