**S1 Table.** Predictors of missing antenatal care (ANC) attendance, VHEMBE study, South Africa, 2012-2013 (N=752).

|  |  |  |  |
| --- | --- | --- | --- |
|   | Antenatal care records |   |   |
|   | Missing | Observed | p-value | Test |
|   | N=140 | N=612 |   |   |
| Season of birth |   |   | <0.01 | Pearson's χ² |
|  Harvest | 34 (24.3) | 305 (49.8) |   |   |
|  Gardening | 37 (26.4) | 137 (22.4) |   |   |
|  Lean/Rainy | 69 (49.3) | 170 (27.8) |   |   |
| Gestational age (weeks) | 38.96 (2.3) | 39.34 (2.3) |  0.08 | Two sample t test |
| Maternal age |   |   |  0.08 | Pearson's χ² |
|  18-21 years | 53 (37.9) | 180 (29.4) |   |   |
|  22-29 years | 58 (41.4) | 258 (42.2) |   |   |
|  ≥ 30 years | 29 (20.7) | 174 (28.4) |   |   |
| Parity |   |   |  0.24 | Pearson's χ² |
|  First child | 69 (49.3) | 257 (42.0) |   |   |
|  Second child | 31 (22.1) | 170 (27.8) |   |   |
|  ≥ Third child | 40 (28.6) | 185 (30.2) |   |   |
| Adverse prior pregnancy outcome | 14 (10.0) | 93 (15.2) |  0.11 | Pearson's χ² |
| Maternal HIV status |   |   |  0.59 | Pearson's χ² |
|  HIV Negative | 116 (84.7) | 529 (86.4) |   |   |
|  HIV Positive | 21 (15.3) | 83 (13.6) |   |   |
| Maternal education |   |   |  0.77 | Pearson's χ² |
|  < Secondary | 77 (55.0) | 335 (54.8) |   |   |
|  Secondary | 45 (32.1) | 184 (30.1) |   |   |
|  Further studies | 18 (12.9) | 92 (15.1) |   |   |
| Marital status |   |   |  0.36 | Pearson's χ² |
|  Not married | 78 (55.7) | 314 (51.4) |   |   |
|  Married or living as married | 62 (44.3) | 297 (48.6) |   |   |
| Mother's pregnancy desire |   |   |  0.08 | Pearson's χ² |
|  Wanted a baby now | 47 (33.6) | 255 (41.7) |   |   |
|  Untimed or unintended | 93 (66.4) | 356 (58.3) |   |   |
| Father's support during pregnancy |   |   |  0.73 | Pearson's χ² |
|  Very supportive | 106 (75.7) | 454 (74.3) |   |   |
|  Somewhat or less | 34 (24.3) | 157 (25.7) |   |   |
| Religiosity |   |   |  0.06 | Pearson's χ² |
|  ≥ Weekly worship attendance | 96 (69.1) | 468 (76.7) |   |   |
|  ≤ Monthly worship attendance | 43 (30.9) | 142 (23.3) |   |   |
| Household monthly income (Rand) | 2059 (×/2.4) | 2163 (×/2.3) |  0.54 | Two sample t test, logged data |
| Distance from home to main road (km) | 2.70 (2.8) | 2.28 (2.6) |  0.10 | Two sample t test |

Data are presented as mean (SD) or geometric mean (×/geometric SD) for continuous measures, and n (%) for categorical measures.