Additional File 1. Multivariable logistic regression of all-cause mortality on HIV status, diastolic blood pressure and baseline characteristics, Agincourt, South Africa, 2010-2019.

| Covariates                              | Men                          | Women                        |
|-----------------------------------------|------------------------------|------------------------------|
|                                         | aOR 95% CI                   | P-value  aOR 95% CI          |
| Age                                     | 1.049 (1.037, 1.062)         | <0.001 1.060 (1.046, 1.074)  | <0.001 |
| HIV Status [ref: HIV negative]          |                              |                              |
| HIV Positive Suppressed\(^a\)           | 1.564 (0.934, 2.619)         | 0.089 1.256 (0.710, 2.222)   | 0.434 |
| HIV Positive, Unsuppressed\(^b\)        | 3.237 (2.217, 4.726)         | <0.001 1.966 (1.217, 3.175)  | 0.006 |
| Diastolic Blood Pressure                | 0.918 (0.877, 0.961)         | <0.001 0.926 (0.861, 0.995)  | 0.037 |
| Diastolic Blood Pressure Squared\(^c\)  | 1.000 (1.000, 1.000)         | <0.001 1.000 (1.000, 1.000)  | 0.023 |
| Blood Pressure Medication               | 1.618 (1.123, 2.330)         | 0.010 1.300 (0.953, 1.773)   | 0.098 |
| Marital Status [ref: single]            |                              |                              |
| Married/cohabiting                      | 0.483 (0.321, 0.726)         | <0.001 0.602 (0.342, 1.058)  | 0.078 |
| Widowed/divorced                        | 0.710 (0.444, 1.137)         | 0.154 0.927 (0.554, 1.551)   | 0.773 |
| Education Level [ref: none/very low (≤3 years)] |                              |                              |
| Primary (4-8 years)                     | 0.670 (0.470, 0.954)         | 0.026 0.937 (0.617, 1.424)   | 0.761 |
| Secondary school or higher (>8 years)   | 0.454 (0.261, 0.792)         | 0.005 0.845 (0.472, 1.515)   | 0.572 |

N 1,000 1,697  
Person Years 7,388 13,193

\(^a\) <400 copies/mL.  
\(^b\) ≥400 copies/mL.  
\(^c\) Coefficients and 95% CI are small numbers which appear as 1.000 due to rounding.