DO ART NCD Tables & Figures - INCLUDING BASELINE BMI

01 March, 2023

## Sensitivity analysis tables (South Africa only)

* Table 3: Poisson + linear regressions with VS as predictor
* Table 4: Poisson + linear regressions with VS as predictor, stratified by treatment arm; with interaction term for VS

Notes:

* Baseline models include study site only
* Adjusted models include: study site, gender, age group, smoking (binary; otherwise we get small group problems), education, **baseline BMI**

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## Table 3: Cardiovascular risk among people virally suppressed versus those not virally suppressed at exit, South Africa (N = 589).

|  | **Unadjusted Analysis** | | | **Adjusted Analysis** | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Relative Risk** | **95% CI** | **p-value** | **Adj. Relative Risk** | **Adj. 95% CI** | **Adj. p-value** |
| Elevated BP | 0.82 | (0.66,1.01) | 0.065 | 0.86 | (0.70,1.06) | 0.168 |
| Overweight (BMI >= 25) | 1.22 | (1.00,1.47) | 0.046 | 1.13 | (0.95,1.35) | 0.162 |
| Elevated blood sugar (a1c >= 5.7) | 0.76 | (0.45,1.28) | 0.300 | 0.80 | (0.48,1.34) | 0.397 |
| Current smoker [baseline] | 0.74 | (0.54,1.01) | 0.054 | 0.89 | (0.68,1.16) | 0.383 |
|  | **Unadjusted Analysis** | | | **Adjusted Analysis** | | |
| **Variable** | **Mean Difference** | **95% CI** | **p-value** | **Adj. Mean Difference** | **Adj. 95% CI** | **Adj. p-value** |
| Systolic blood pressure (mmHg) | -2.33 | (-4.17,-0.49) | 0.013 | -1.90 | (-3.60,-0.20) | 0.028 |
| Diastolic blood pressure (mmHg) | -1.10 | (-2.49, 0.29) | 0.122 | -0.84 | (-2.18, 0.50) | 0.217 |
| BMI (kg/m^2) | 1.10 | (0.23,1.96) | 0.013 | 0.61 | (-0.09, 1.31) | 0.088 |
| Hemoglobin A1c (%) | -0.03 | (-0.12, 0.07) | 0.580 | -0.02 | (-0.12, 0.07) | 0.618 |
| Total cholesterol (mg/dL) | 9.28 | ( 4.61,13.96) | 0.000 | 9.07 | ( 4.34,13.79) | 0.000 |

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## Table 4: Cardiovascular risk for persons virally suppressed versus not suppressed at exit, South Africa (N =589).

|  | **Clinic follow-up, Adjusted   (N = 200)** | | | **Community follow-up, Adjusted   (N = 370)** | | | **Interaction   (N = 570)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Adj. Relative Risk** | **Adj. 95% CI** | **Adj. p-value** | **Adj. Relative Risk** | **Adj. 95% CI** | **Adj. p-value** | **Adj. p-value** |
| Elevated BP | 0.74 | (0.54,1.03) | 0.076 | 0.95 | (0.72,1.25) | 0.698 | 0.394 |
| Overweight (BMI >= 25) | 0.89 | (0.67,1.18) | 0.416 | 1.30 | (1.03,1.63) | 0.026 | 0.067 |
| Elevated blood sugar (a1c >= 5.7) | 0.49 | (0.19,1.26) | 0.138 | 0.90 | (0.48,1.69) | 0.737 | 0.637 |
| Current smoker [baseline] | 0.84 | (0.54,1.31) | 0.439 | 0.91 | (0.64,1.29) | 0.604 | 0.897 |
|  | **Clinic follow-up, Adjusted   (N = 200)** | | | **Community follow-up, Adjusted   (N = 370)** | | | **Interaction   (N = 570)** |
| **Variable** | **Adj. Mean Difference** | **Adj. 95% CI** | **Adj. p-value** | **Adj. Mean Difference** | **Adj. 95% CI** | **Adj. p-value** | **Adj. p-value** |
| Systolic BP (mmHg) | -4.05 | (-7.07,-1.02) | 0.009 | -0.66 | (-2.66, 1.34) | 0.519 | 0.109 |
| Diastolic BP (mmHg) | -1.98 | (-4.02, 0.07) | 0.058 | -0.32 | (-2.04, 1.39) | 0.713 | 0.281 |
| BMI (kg/m^2) | 0.07 | (-1.02, 1.16) | 0.895 | 0.92 | (0.03,1.81) | 0.042 | 0.203 |
| Hemoglobin A1c (%) | 0.06 | (-0.09, 0.22) | 0.406 | -0.09 | (-0.21, 0.03) | 0.127 | 0.091 |
| Total cholesterol (mg/dL) | 6.94 | ( 0.02,13.85) | 0.049 | 10.16 | ( 3.67,16.66) | 0.002 | 0.426 |