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

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|  | **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 | 0.84 | (0.68,1.04) | 0.103 |
| Overweight (BMI >= 25) | 1.22 | (1.00,1.47) | 0.046 | 1.11 | (0.93,1.33) | 0.227 |
| Elevated blood sugar (a1c >= 5.7) | 0.76 | (0.45,1.28) | 0.300 | 0.82 | (0.49,1.37) | 0.444 |
| Current smoker [baseline] | 0.74 | (0.54,1.01) | 0.054 | 0.89 | (0.68,1.16) | 0.377 |
|  | **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 | -2.14 | (-3.90,-0.39) | 0.016 |
| Diastolic blood pressure (mmHg) | -1.10 | (-2.49, 0.29) | 0.122 | -0.97 | (-2.33, 0.39) | 0.162 |
| BMI (kg/m^2) | 1.10 | (0.23,1.96) | 0.013 | 0.56 | (-0.15, 1.27) | 0.120 |
| Hemoglobin A1c (%) | -0.03 | (-0.12, 0.07) | 0.580 | -0.02 | (-0.12, 0.07) | 0.642 |
| Total cholesterol (mg/dL) | 9.28 | ( 4.61,13.96) | 0.000 | 8.98 | ( 4.28,13.68) | 0.000 |

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## Table 4: Cardiovascular risk for persons virally suppressed versus not suppressed at exit, South Africa (N = 589). [CONTROLS FOR BASELINE BMI]

|  | **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) | 0.073 | 0.92 | (0.70,1.21) | 0.549 | 0.384 |
| Overweight (BMI >= 25) | 0.87 | (0.65,1.16) | 0.352 | 1.27 | (1.01,1.59) | 0.039 | 0.062 |
| Elevated blood sugar (a1c >= 5.7) | 0.58 | (0.23,1.49) | 0.26 | 0.86 | (0.46,1.63) | 0.648 | 0.743 |
| Current smoker [baseline] | 0.87 | (0.57,1.35) | 0.538 | 0.90 | (0.63,1.29) | 0.571 | 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) | -3.98 | (-6.95,-1.01) | 0.009 | -0.94 | (-3.10, 1.21) | 0.392 | 0.105 |
| Diastolic BP (mmHg) | -2.05 | (-4.04,-0.07) | 0.043 | -0.53 | (-2.33, 1.26) | 0.561 | 0.303 |
| BMI (kg/m^2) | 0.03 | (-1.06, 1.13) | 0.954 | 0.88 | (-0.03, 1.79) | 0.057 | 0.197 |
| Hemoglobin A1c (%) | 0.07 | (-0.08, 0.21) | 0.393 | -0.09 | (-0.21, 0.03) | 0.143 | 0.099 |
| Total cholesterol (mg/dL) | 7.04 | ( 0.16,13.93) | 0.045 | 9.92 | ( 3.50,16.35) | 0.002 | 0.447 |