**Appendix – Tables with data from sensitivity analyses**

**Table A1:** Association between obesity/HIV comorbidity and elevated biomarkers of inflammation, monocyte activation and altered coagulation excluding people with hepatitis C.

|  |  |  |
| --- | --- | --- |
| **Logistic regression model** | **Obesity/HIV status** | **Elevated biomarker (i.e highest quartile) Odds Ratio (95% Confidence Interval)** |
| **IL-6 (N=1338)** | **sCD14 (N=1348)** | **D-dimer (N=1349)** |
|  |  | **OR (95% CI)** | **P-value** | **OR (95% CI)** | **P-value** | **OR (95% CI)** | **P-value** |
| Fully adjusted | Non-obese, uninfected | 1 (ref) | 0.04 | 1 (ref) | <0.01 | 1 (ref) | 0.06 |
| Non-obese, HIV+ | 1.43 (0.98-2.08) | 1.28 (0.90-1.83) | 1.08 (0.75-1.56) |
| Obese, uninfected | **1.71 (1.13-2.61)** | 0.77 (0.51-1.18) | **1.57 (1.05-2.34)** |
| Obese, HIV+ | **1.89 (1.14-3.13)** | **0.52 (0.29-0.92)** | 0.91 (0.54-1.54) |
| Fully adjusted models adjusted for age, race/ethnicity, FIB4, eGFR, smoking, hypertension, LDL, HDL- cholesterol, statin use, alcohol, cocaine. |

**Table A2:** Association between obesity/HIV comorbidity and elevated biomarkers of inflammation, monocyte activation and altered coagulation excluding those with diabetes, cardiovascular disease, and cancer.

|  |  |  |
| --- | --- | --- |
| **Logistic regression model** | **Obesity/HIV status** | **Elevated biomarker (i.e highest quartile) Odds Ratio (95% Confidence Interval)** |
| **IL-6 (N=1368)** | **sCD14 (N=1374)** | **D-dimer (N=1376)** |
|  |  | **OR (95% CI)** | **P-value** | **OR (95% CI)** | **P-value** | **OR (95% CI)** | **P-value** |
| Fully adjusted | Non-obese, uninfected | 1 (ref) | 0.01 | 1 (ref) | 0.03 | 1 (ref) | 0.39 |
| Non-obese, HIV+ | **1.58 (1.08-2.30)** | 0.83 (0.59-1.17) | 1.26 (0.88-1.80) |
| Obese, uninfected | **1.95 (1.19-3.21)** | 0.85 (0.52-1.38) | 1.48 (0.92-2.39) |
| Obese, HIV+ | **2.28 (1.33-3.92)** | **0.39 (0.21-0.74)** | 1.13 (0.65-1.95) |
| Fully adjusted models adjusted for age, race/ethnicity, FIB4, eGFR, smoking, hypertension, LDL, HDL- cholesterol, statin use, alcohol, cocaine. |

**Appendix Figure.** Relationship between biomarkers and BMI for A. IL-6, B. sCD14, and C. D-dimer, fitted with fractional polynomial lines demonstrating the non-linear relationship between BMI and the individual biomarkers.



**A.**



**B.**

**C.**

