S4 Table. GRADE evidence profile for the measured outcomes

| Quality assessment of evidence on measured outcomes | Summary of findings |
|-----------------------------------------------------|---------------------|
|                                                     | Outcome/ Total Participants |
|                                                     | HAART | HAART naive | Pooled Odds ratio | Overall Quality |
| Studies (design) (Participants)                     | Limitation | Inconsistency | Indirectness | Imprecision | Publication bias | |
| Hypertension                                        | Serious limitations | Serious Inconsistency | No indirectness | No imprecision | Undetected | 217/951 | 112/785 | 1.90 (0.96 - 3.76) | ⬤⬤⬤⬤ |
| Diabetes Mellitus                                  | Serious limitations | Serious Inconsistency | No indirectness | No imprecision | Undetected | 97/1516 | 27/1090 | 2.53 (0.87 - 7.35) | ⬤⬤⬤⬤ |
| High total cholesterol                             | Serious limitations | Serious Inconsistency | No indirectness | No imprecision | Undetected | 396/982 | 131/820 | 3.85 (2.45 - 6.07) | ⬤⬤⬤⬤ |
| High triglycerides                                  | Serious limitations | No serious inconsistency | No indirectness | No imprecision | Detected | 491/1823 | 335/1428 | 1.46 (1.21 - 1.75) | ⬤⬤⬤⬤ |
| Low HDL                                             | Serious limitations | Serious Inconsistency | No indirectness | No imprecision | Undetected | 596/1489 | 656/1204 | 0.53 (0.32 - 0.87) | ⬤⬤⬤⬤ |
| High LDL                                            | Serious limitations | Serious Inconsistency | No indirectness | No imprecision | Detected | 382/953 | 229/902 | 2.38 (1.43 - 3.95) | ⬤⬤⬤⬤ |

1 No adjustments for confounders and no justification of sample sizes.
2 Significant heterogeneity and variability ($I^2$) except for total cholesterol.
3 Statistical and graphical evidence of publication bias for high triglycerides and LDL cholesterol.