Table 1. Cohort Characteristics for case and controls

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| Characteristic | Overall | Control | Case | p value |
| Demographic  Age at enrollment (mean)  Gender (%female)  Ethnicity (%black) |  |  |  |  |
| Socioeconomic  Income (%yes)  Employment (%UE)  Payer source for ARVs (%family/spouse)  Housing (%rent/Own)  Education (mean years)  Wealth Index 1 (mean)  Wealth Index 2 (mean)  Transportation (%personal vehicle) |  |  |  |  |
| Psychosocial  Traditional K-10 score (mean)  Tired question K-10 (%not)  Religious Faith (%yes)  Religion (%Christian)  Religious activity (%no religion/not active)  TM (%ever took)  Stigma (%never)  Partner HIV status (%0 partners)  Total number of current partners (%0 partners)  Disclosed HIV status (%no)  Practice safe sex (%always)  Safe sex practice (%used condoms)  Have an ART supporter (%yes)  Clinic experience (%pleased) |  |  |  |  |
| Symptoms and Exam  Fever (%none)  Fatigue (%none)  Memory (%none)  Nausea (%none)  Diarrhea (%none)  Sad (%none)  Nervous (%none)  Rash (%none)  Headache (%none)  Gastrointestinal intolerance (%none)  Sex problems (%none)  Weight Change (%none)  Hair loss (%none)  Pain (%none)  Any symptom felt related to ARVs (%yes)  Karnofsky score (mean)  Neurocognitive assessment  None  Mild/ANI  HAND |  |  |  |  |
| Medical History  Recent CD4 count (median)  Recent CD4 count (median log transformed)  Recent CD4 count (%<350 cells/µL)  Tuberculosis (%yes)  Cryptococcal meningitis (%yes)  Toxoplasmosis (%yes)  Lipodystrophy (%yes)  Renal dysfunction (%yes) |  |  |  |  |
| Medications  Duration ART (months)  Initiating ARV Clinic (%Sinikithemba)  Recommended ART  Provider  Family  Friend  Other  Current ART regimen contains  Stavudine (d4T)  Zidovudine (ZDV)  Other (Tenofovir, didanosine, abacavir)  HIV education and training sessions (%3+)  Adherence counseling sessions  0 or 1 session  2, 3 or 4 sessions  5+ sessions  Mechanism to remember to take ARVs  Cell phone (%yes)  TV or radio (%yes)  Clock or watch alarm (%yes)  Other (%yes)  Fluconazole use in the past 6 months (%yes)  Bactrim use in the past 6 months (%yes)  INH or RIF use in the past 6 months (%yes)  ETB use in the past 6 months (%yes) |  |  |  |  |
| Access |  |  |  |  |
| Adherence |  |  |  |  |

UE = Unemployed (seeking work or not seeking work), ARVs = antiretrovirals, K-10 = Kessler 10 depression scale, TM = any form of traditional (African, Chinese, Indian) or alternative/complimentary medicine, ART = ARV treatment, INH = isoniazid, RIF = rifampicin, ETB = ethambutol