

Table I: Data collection tools for this study

| | Instrument used | Description | Questions or categories (examples) | Cronbach's alpha | Remarks | Ref. |
|--|---|--|---|------------------|---|------|
| Group 1 factors (Socio-demographic factors) | study site, sex, age, marital status, highest educational attainment, religion, employment status, Socio-economic index (SEI) | SEI was constructed from commonly available household items in a typical Ugandan households | Examples of questions in the SEI: <i>does your household have electricity ?</i> Response: Yes/no Index created by totalling up all positive items | | Has previously been used by this study group. | [1] |
| Group 2A factors CD4 counts | CD4 count taken in the last 6 months | | | | | |
| WHO clinical stage for HIV/AIDS | WHO Clinical Staging criteria | | Respondents classified as Stage I to IV based on the presence/absence a combination of 17 HIV associated clinical symptoms | | | [21] |
| HIV associated Neurocognitive impairment | International HIV Dementia scale | 3-item questi. assesses motor, psychomotor and memory impairment | <i>Memory -Ask the patient to recall the four words.</i> Maximum total score is 16 | | | [22] |
| Body weight (Kg) | | | | | | |
| Degree of disability | Sheehan Disability Scale (SDS) | Assesses degree of impairment in 3 domains work/school, social life and home life or family responsibilities. are impaired by his or her symptoms on a 10 point visual analog scale. | Use a 10 point visual analog scale to assess each of the 3 domains | | | [23] |
| Group 2B factors Childhood trauma | Childhood Trauma Questionnaire Short Form CTQ-SF | 28-item questionnaire on traumatic events in childhood | Selected examples: <i>Did your mother die?</i> 5-point Likert scale: Never true / Rarely | 0.88 | Employed for the first time. Reverse scored items: 2,5,7,10,13,16, 19,22,28. | [24] |

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| | | | true/ Sometimes true / etc. | | | |
| Social support | Multidimensional Scale of Perceived Social Support MSPSS | 12-item questi. on perceptions of support received | <i>Does your family support you ?</i> 7-point Likert scale: very strongly disagree / strongly disagree / etc. | 0.85 | Employed for first time. | [25] |
| HIV Felt Stigma | Brief HIV Stigma Scale | 10-item questi. on experiences, feelings, and opinions as to how PLWHA are treated | <i>I have been hurt by how people reacted to learning I have HIV.</i> 4-point Likert scale: strongly disagree /disagree/ agree/etc. | 0.77 | Employed for first time. | [26] |
| Negative Coping style | Carver Brief COPE | 28-item questi. on style of coping with stress | <i>I've been turning to work or other activities to take my mind off things.</i> 4-point Likert scale: I haven't been doing this at all/ I've been doing this a little bit / I've been doing this a medium amount/ etc. | 0.69 | Employed for first time. Reverse scored items: 1,2,5,7,10,12,14,15,17,18,19,20,22,23,24,25,27,28. | [27] |
| Resilience | Connor–Davidson Resilience Scale CDRISC | 25-item questi. on stress coping ability | <i>I am able to adapt when changes occur.</i> 5-Likert scale not true at all/ rarely true/ sometimes true/ etc. | 0.93 | Employed for first time. | [28] |
| Family history of mental disorder | | 1-item | <i>Have any members of your family ever been diagnosed with a psychiatric disorder?</i> Responses: yes/no | | Has previously been used by this study group[1]. | |
| Group 2C factors Negative life events | Modified Adverse life events module of the European Parasuicide Interview schedule EPSIS | 27-item questi. on adverse life events experienced in the last 6-months with related to parents, sibling, children and self. | <i>Did your father die in the last 6 months?</i> Response: yes/no Index created by totalling up positive items | | Previously adapted to the Ugandan socio-cultural context and used in HIV research [1]. | [29,30] |

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| Stress | Derived from items of the Modified adverse life events module of the EPSIS | 27-items based on an objective measure of stress | Different life events were weighted on an objective assessment of stress e.g. death of spouse or child in the last 6 months was given a stress score of 5; sickness of important others a stress score of 2, etc. Stress Index was created by totalling up all the scores. | | A previous version of this scale has been used in the HIV situation of Uganda by authors. | [1] |
| Food insecurity | One item question | Closed question | <i>In the last month, did you or your family have enough food?</i> Response yes/no | | Previously used in the HIV situation of Uganda by authors. | [1] |
| Outcome measures Current Major depressive disorder episode (MDD) | Current MDD episode module in the M.I.N.I.- Plus | DSM IV based standardised questionnaire. | <i>For the past two weeks, were you depressed or down, most of the day, nearly every day?</i> Response: yes/no | | | [31] |
| Severity of depressive symptoms | Assessed using the Centre for Epidemiological Studies- Depression questionnaire (CES-D) | Standardised screening questionnaire | <i>For the past two weeks, I did not feel like eating; my appetite was poor.</i> 4-point Likert scale: rarely or none of the time/some or a little of the time/ occasionally or moderate amount of the time/ etc | | | [32] |