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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]

			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]

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]