

Table III: Univariable analysis of factors associated with incident MDD

Factor	Category	Cumulative incidence of MDD	Univariable Unadjusted odds ratio (95% CI)	Odds ratio adjusted for Study Site, marital status and baseline MDD
Socio-economic factors (Group 1)		n (%)		
Study Site	Entebbe	12 (2.5%)	1	1
	Masaka	44 (10.0%)	4.35 (2.27-8.36)	4.16 (2.15-8.03)
Sex	Male	10 (4.6%)	1	1
	Female	46 (6.6%)	1.48 (0.73-2.97)	1.51 (0.0.73-3.14)
Educational Level	No education	6 (6.6%)	1	1
	Primary	36 (6.4%)	0.99 (0.41-2.42)	1.18 (0.47-2.96)
	Secondary / Further	14 (5.4%)	0.82 (0.31-2.21)	1.35 (0.48-3.79)
Marital Status	Currently Married	34 (7.0%)	1	1
	Widowed	10 (8.1%)	1.17 (0.56-2.43)	0.89 (0.42-1.87)
	Separated / Divorced	11 (5.0%)	0.70 (0.35-1.40)	0.68 (0.34-1.38)
	Single	1 (1.1%)	0.15 (0.02-1.14)	0.19 (0.02-1.39)
Religion	Catholic	32 (6.6%)	1	1
	Protestant	8 (4.0%)	0.60 (0.27-1.31)	0.85 (0.37-1.94)
	Muslim	9 (6.4%)	0.97 (0.45-2.09)	0.95 (0.43-2.08)
	Other	7 (7.3%)	1.11 (0.48-2.60)	1.66 (0.68-4.10)
Employment Status	Farmer/Fisherman	26 (9.7%)	1	1
	Professional/Clerical	2 (5.0%)	0.49 (0.11-2.16)	0.74 (0.16-3.42)
	Trader/Artisan/Transport	18 (5.2%)	0.52 (0.28-0.97)	0.78 (0.40-1.53)
	Unemployed/Retired	3 (2.9%)	0.28 (0.08-.94)	0.40 (0.11-1.40)
	Student /Other	7 (4.5%)	0.44 (0.19-1.04)	0.91 (0.36-2.29)
Age (years)	Per one s.d. increase		1.01 (0.98-1.04)	0.99 (0.96-1.03)
Socio-economic index (SEI)	Per one s.d. increase		0.95 (0.88-1.03)	1.02 (0.93-1.11)
HIV associated clinical factors (Group 2A)				
WHO stage	I	29 (6.6%)	1	1
	II	25 (5.8%)	0.87 (0.50-1.51)	0.89 (0.50-1.59)
	III / IV	2 (4.0%)	0.59 (0.14-2.55)	0.90 (0.20-4.10)
CD4 count cells/ μ l	<200	5 (5.9%)	1	1
	200-350	6 (4.4%)	0.73 (0.21-2.46)	0.79 (0.23-2.80)
	350-499	15 (5.3%)	0.90 (0.32-2.56)	1.00 (0.34-2.93)
	\geq 500	30 (7.2%)	1.24 (0.47-3.30)	1.44 (0.52-3.99)
Weight (kg)	Per one s.d. increase		0.98 (0.74-1.30)	1.11 (0.82-1.50)
Neurocognitive impairment	No	20 (5.9%)	1	1
	Yes	27 (6.3%)	1.06 (0.62-1.82)	1.12 (0.64-1.96)
Vulnerability/protective factors (Group 2B)				
Family history of psychiatric illness	No	39 (5.8%)	1	1
	Yes	16 (6.7%)	1.17 (0.64-2.13)	1.01 (0.54-1.88)
Childhood trauma scores	Per one s.d. increase		0.96 (0.72-1.29)	1.05 (0.77-1.43)
Social Support scores	Per one s.d. increase		0.81 (0.63-1.05)	0.79 (0.59-1.05)
CES-D score at baseline	0-15		1	1
	16-23		2.13 (1.10-4.15)	1.07 (0.55-2.07)
	24-60		1.46 (0.63-3.39)	1.32 (0.63-2.02)
HIV Stigma scores	Per one s.d. increase		1.10 (0.84-1.45)	1.17 (0.86-1.59)

Coping style scores	Per one s.d. increase		0.92 (0.70-1.22)	0.94 (0.71-1.25)
Resilience scores	Per one s.d. increase		0.81 (0.61-1.07)	1.10 (0.79-1.52)
Sheehan Disability scale	Per one s.d. increase		1.24 (0.97-1.60)	1.25 (0.94-1.67)
Stress factors (Group 2C)				
Negative Life Events scores	Per one s.d. increase		1.38 (1.07-1.77)	1.52 (1.14-2.04)
Stress Scores	Per one s.d. increase		1.33 (1.05-1.69)	1.52 (1.15-2.00)
Food Insecurity	No		1	1.19 (0.57-2.48)
	Yes		1.12 (0.55-2.27)	