Table 2: Prevalence of both major depressive disorder (MDD) and moderate to high risk of suicidality (MHS) by clinical and psychosocial risk factors

Factor	Level (N=899)	Major depressive disorder (n=126) n (%)	Test Statistic (P-value)	Moderate to high risk suicidality (n=25) n (%)	Test Statistic (P-value)
Clinical Factors					
Family history of psychiatric illness	Yes (n=246)	42 (17.1%)	$X_1^2 = 2.80$ (P=0.09)	8 (3.2%)	$X_1^2 = 0.24$ (P=0.62)
	No (n=644)	82 (12.7%)		17 (2.6%)	
	Missing (n=9)	2 (22.2%)		0	
WHO stage	I (n=471)	72 (15.3%)	$X_1^2 = 1.33$ (P=0.25)	15 (3.2%)	$X_1^2 = 0.60$ (P=0.44)
	II (n=428)	54 (12.6%)		10 (2.3%)	
CD4 counts (cells / µl)	250 – 349 (n=103)	17 (16.5%)	$X_3^2 = 1.05$ (P=0.79)	5 (4.8%)	$X_3^2 = 2.77$ (P=0.43)
	350 – 499 (n=325)	44 (13.5%)		8 (2.5%)	
	500 – 749 (n=300)	39 (13.0%)		6 (2.0%)	
	>=750 (n=171)	26 (15.2%)		6 (3.5%)	
Weight (kg)	<50 (n=91)	19 (20.9%)	$X_3^2 = 6.85$ (P=0.08)	3 (3.3%)	$X_3^2 = 2.24$ (P=0.52)
	50 – 59 (n=306)	43 (14.0%)		11 (3.6%)	
	60 – 69 (n=326)	44 (13.5%)		6 (1.8%)	
	>=70 (n=146)	13 (8.9%)		3 (2.0%)	
	Missing (n=30)	7 (23.3%)		2 (6.7%)	
When did you know your HIV status?	< 3 months (n=75)	16 (21.3%)	$X_3^2 = 4.2$ (P=0.24)	4 (5.3%)	$X_3^2 = 6.53$ (P=0.088)
	3 – 6 months (n=78)	8 (10.3%)		2 (2.6%)	
	6 – 12 months (n=79)	11 (13.9%)		5 (6.3%)	
	>12 months (n=661)	91 (13.8%)		14 (2.1%)	
	Missing (n=6)	0 (0%)		0 (0%)	
Psychological Factors					
Childhood trauma score	<=83 (n=441)	46 (10.4%)	$X_3^2 = 17.12$ (P=0.001)	9 (2.0%)	$X_3^2 = 5.99$ (P=0.11)
	84 – 89 (n=245)	37 (15.1%)		7 (2.9%)	
	90 – 99 (n=135)	21 (15.6%)		3 (2.2%)	
	>=100 (n=71)	20 (28.2%)		5 (7.0%)	
	Missing (n=7)	2 (28.6%)		1 (14.3%)	
Stigma Score	10 – 19 (n=166)	9 (5.4%)	$X_3^2 = 33.42$ (P<0.001)	3 (1.8%)	$X_3^2 = 19.92$ (P<0.001)
	20 – 24 (n=400)	45 (11.2%)		3 (0.8%)	
	25 – 29 (n=240)	46 (19.2%)		11 (4.6%)	
	>=30 (n=83)	24 (28.9%)		7 (8.4%)	
	Missing (n=10)	2 (20%)		1 (10%)	
Coping Scale Score	<=49 (n=202)	13 (6.4%)	$X_4^2 = 32.41$ (P<0.001)	2 (1.0%)	$X_4^2 = 12.39$ (P=0.02)
	50 – 54 (n=10)	17 (10.0%)		1 (0.6%)	
	55 – 59 (n=174)	22 (12.6%)		8 (4.6%)	
	60 – 69 (n=272)	50 (18.4%)		8 (2.9%)	
	>=70 (n=73)	22 (30.1%)		5 (6.8%)	
	Missing (n=8)	2 (25%)		1 (12.5%)	
Resilience Score	<=49 (n=149)	52 (34.9%)	$X_4^2 = 74.83$ (P<0.001)	15 (10.1%)	$X_4^2 = 37.22$ (P<0.001)
	50 – 59 (n=138)	23 (16.7%)		1 (0.7%)	
	60 – 69 (n=218)	25 (11.5%)		4 (1.8%)	
	70 – 79 (n=199)	11 (5.5%)		2 (1.0%)	
	>=80 (n=181)	13 (7.2%)		2 (1.1%)	
	Missing (n=14)	2 (14.3%)		1 (7.1%)	
Social Support Score	<=27 (n=101)	23 (22.8%)	$X_2^2 = 13.78$ (P=0.001)	8 (7.9%)	$X_2^2 = 16.16$ (P<0.001)
	28 – 37 (n=323)	54 (16.7%)		12 (3.7%)	
	38 – 48 (n=475)	49 (10.3%)		5 (1.0%)	

Depression (CES-D) (excluding suicidality items)	No (n=791) Yes (n=108)	-		8 (1.0%) 17 (15.7%)	$X_1^2 = 76.26$ (P<0.001)
Probable Dementia (IHDS<10)	No (n=477) Yes (n=420) Missing (n=2)	56 (11.7%) 70 (16.7%) 0	$X_1^2 = 4.49$ (P=0.03)	9 (1.9%) 16 (3.8%) 0	$X_1^2 = 3.05$ (P=0.08)
Social Factors					
Negative Life Events	0 (n=113) 1 – 3 (n=318) 4 – 9 (n=354) >=10 (n=111)	5 (4.4%) 33 (10.3%) 51 (14.4%) 37 (33.3%)	$X_3^2 = 46.76$ (P<0.001)	1 (0.9%) 6 (1.9%) 10 (2.8%) 8 (7.2%)	$X_3^2 = 10.54$ (P=0.02)
Stress Score	0 (n=134) 1 – 4 (n=318) 5 – 9 (n=259) >=10 (n=188)	5 (3.7%) 33 (10.4%) 37 (14.3%) 51 (27.1%)	$X_3^2 = 42.09$ (P<0.001)	1 (0.8%) 7 (2.2%) 6 (2.3%) 11 (5.8%)	$X_3^2 = 9.21$ (P=0.03)
Food Security	Have enough (n=729) Not enough (n=166) Missing (n=4)	86 (11.8%) 39 (23.5%) 1 (25.0%)	$X_1^2 = 15.40$ (P<0.001)	14 (1.9%) 11 (6.6%) 0	$X_1^2 = 11.03$ (P=0.001)