

Supplementary table**Supplementary Table 1: Prevalence Estimates of Suicidal Behavior by age in Jimma Town, South-west Ethiopia, 2021 (n=630)**

Variables	Prevalence's of suicidal behaviors			
	Adolescent (15-19 years)	Adult (20-59 year)	Elderly (60 year and above)	Total for all age group
Lifetime suicide attempt	17.2%	2.8%	3.2%	3.5%
12month suicide ideation	24.1%	9.1%	3.2%	9.5%
Lifetime suicide plan	3.4%	5.6%	6.5%	5.6%
Lifetime suicide ideation	17.2%	16.2%	22.6%	16.5%
Overall suicide behavior	24.1%	7.4%	3.2%	7.9%

Supplementary Table 2: Bi-variable Logistic Regression Examining the Associations Between Social-Demographic factors; and Suicidal Behavior among Jimma Town community, South West Ethiopia, 2021 (n=630)

Study Variables	Category	Suicide behavior		COR(95% CI)	P - value
		Yes	No		
Sex	Male	14(4.5%)	300(95.5%)	Reference	
	Female	36(11.6%)	275(88.4%)	2.805 (1.48 - 5.31)	.002*
Age range	14-19	7(24.1%)	22(75.9%)	9.55(1.09-83.29)	.041*
	20-29	21(12.1%)	153(87.9%)	4.12 (.53-31.79)	.175
	30-39	9(4.5%)	189(95.5%)	1.43 (.18-11.68)	.739
	40-49	10(7.4%)	125(92.6%)	2.38 (.29-19.32)	.417
	50-59	2(3.3%)	59(96.7%)	1.02 (.09-11.67)	.989
	>60	1(3.1%)	31(96.9%)	Reference	
Educational status	Illiterate	1(5.6%)	17(94.4%)	Reference	
	Elementary	16(8.8%)	165(91.2%)	1.65 (.21-13.21)	.638
	High school	11(5.9%)	177(94.1%)	1.06 (.13-8.69)	.959
	Diploma and above	22(9.4%)	213(90.6%)	1.76 (.22-13.83)	.593

Occupation	Government	7(4.6%)	146(95.4%)	.26(.091-.75)	.015*
	Private employee	11(9.3%)	107(90.7%)	.565(.21-1.50)	.252
	Merchant	6(4.4%)	131(95.6%)	.252(.08-.77)	.015*
	Farmer	0(0.0%)	3(100.0%)	0.000(0.000)	.999
	House wife	8(7.7%)	96(92.3%)	0.46(.16-1.30)	.143
	Daily laborers	2(8.0%)	23(92.0%)	.48(.09-2.44)	.375
	No job	6(23.1%)	20(76.9%)	1.65(0.51-5.39)	.407
	Others specify	8(15.4%)	44(84.6%)	Reference	
Marital status	Single	21(12.8%)	143(87.2%)	1.37(.38-4.91)	.628
	Married	15(3.9%)	366(96.1%)	.38(.10-1.40)	.147*
	Divorced	9(20.0%)	36(80.0%)	2.33(.58-9.43)	.234
	Widowed	3(9.7%)	28(90.3%)	Reference	

***NB indicates variables with $p < 0.25$ with suicidal behaviors at bivariate analysis**

Supplementary Table 3: Bi-variable Logistic Regression Examining the Associations of psychosocial factors; and Suicidal Behavior among Jimma Town community, Southwest Ethiopia, 2021 (n=630)

Variable	Category	Suicidal behavior		COR (CI)	P value
		Yes	No		
Social Support	Intermediate	11 (6.8%)	151 (93.2%)	1.88(.85-4.19)	.121*
	Poor	22(36.1%)	39(63.9%)	14.59(7.00-30.41)	< .001*
	Strong	15(3.7%)	388(96.3%)	Reference	
Depression (PHQ 9 score)	Minimal	3(1.1%)	270(98.9%)	Reference	
	Mild	12(4.5%)	256(95.5%)	.56(.278-1.14)	.113
	Moderate	9(30.0%)	21(70.0%)	5.16(2.14-12.45)	< .001*
	Moderately severe	4(80.0%)	1(20.0%)	48.16(5.18-447.41)	.001*
	severe	19(95.0%)	1(5.0%)	0	1.000
Chronic medical illness	Yes	6(12.5%)	42 (87.5%)	1.74(.70-4.32)	.232*
	No	44(7.6%)	536(92.4%)	Reference	
Family history of suicidal attempt, committed	Yes	15(31.3%)	33(68.8%)	7.09(3.52-14.27)	< .001*
	No	35(6.0%)	546(94.0%)	Reference	

Family history of mental illness	Yes	17(30.4%)	39(69.6%)	7.15(3.66-13.96)	< .001*
	No	33 (5.7%)	541(94.3%)	Reference	

*NB indicates variables with $p < 0.25$ association with suicidal behaviors at bivariate analysis

Supplementary Table 4: *Bi-variable Logistic Regression Examining the Associations of Substance-Related factors and Suicidal Behavior among Jimma city community, Southwest Ethiopia, 2021 (n=630)*

Variables	Category	Suicidal behavior		COR(CI)	P-value
		Yes	No		
Lifetime khat use	No	16(6.1%)	247(93.9%)	Reference	
	yes	32(8.8%)	331(91.2%)	1.49(.80-2.78)	.207
Lifetime tobacco use	No	29(6.1%)	449(93.9%)	Reference	
	yes	19 (12.8%)	129(87.2%)	2.28(1.24-4.200)	.008*
Lifetime alcohol use	No	24 (7.0%)	318(93.0%)	Reference	
	yes	24 (8.5%)	260 (91.5%)	1.22(.68-2.20)	.503
Lifetime cannabis use	No	24(7.0%)	570(93.0%)	References	
	yes	24(8.5%)	8(61.5%)	8.29(2.59-26.41)	< .001*
Assist score of tobacco use	high	4(57.1%)	3(42.9%)	15.333(3.65-64.47)	< .001*

	low	33(6.0%)	518(94.0%)	1.00(.29-3.38)	.999
	moderate	11(16.2%)	57 (83.8%)	References	
Assist score Of alcohol use	high	11(39.3%)	17(60.7%)	10.31(3.02-35.16)	<.001*
	low	33(6.3%)	495(93.8%)	.89(.34-2.35)	.811
	moderate	4(5.7%)	66 (94.3%)	References	
Overall ASSIST score of khat use	high	17(21.5%)	62(78.5%)	5.11(2.18-11.95)	< .001*
	low	21(5.2%)	381(94.8%)	.79(.38-1.63)	.516
	moderate	10(6.9%)	135(93.1%)	Reference	
Overall ASSIST score of cannabis use	high	1(100.0%)	0 (0.0%)	1.000 (.001-infinity)	1.000
	low	44(7.1%)	578 (92.9%)	0.00049 (.0001- infinity)	.999
	moderate	3(100.0%)	0(0.0%)	Reference	

***NB indicates variables that show $p < 0.25$ with suicidal behaviors at bivariate analysis**

Supplementary Table 5: Bivariable Logistic Regression Examining the Associations of coping self-efficacy and personal suicide stigma; and Suicidal Behavior among Jimma city community, South West Ethiopia, 2021 (n=630)

Variable	COR(CI)	P value

Coping Self-Efficacy	.888(.863-.913)	< .001*
PSSQ	2.19(1.78-2.699)	< .001*

***NB indicates variables with p < 0.25 significant association with suicidal behaviors at bivariate analysis**