

Table 3 The bi-variable and multivariable logistic regression analysis of prevalence and associated factors of SDE among undergraduate students of College of Health Science, Hawassa University, Hawassa, Ethiopia (n = 311)

Variables	COR (95% CI)	AOR (95% CI)	p-value
Sex			
Male	1	1	
Female	1.329[0.847-2.083]	1.337[0.816-2.191]	0.250
Class year			
Second year	5.00 [1.046-23.898]	5.999[1.105-32.558]	0.038*
Third year	10.172[2.091-49.481]	11.550[2.120-62.937]	0.005*
Fourth year	2.973[0.596-14.833]	2.901[0.525-16.026]	0.222
Fifth year	2.857[0.555-14.696]	2.638[0.458-15.187]	0.277
Sixth year	1	1	
Eye disease history			
Yes	2.633[1.478-4.692]	2.017[0.957-4.252]	0.065
No	1	1	
Eye glass wearing			
Yes	2.661[1.445-4.901]	2.098[0.952-4.622]	0.066
No	1	1	
Use of ophthalmic drops			
Yes	2.115[1.185-3.773]	2.063[1.073-3.957]	0.03*
No	1	1	
VDU per day			
Less than 6 hours	1	1	
Greater than 6 hours	0.681[0.435-1.067]	0.763[0.465-1.250]	0.282