

**Supplementary material 1.** Participation of students in cyberbullying behaviors.

	University students						High school students					
	Nothing		1 to 2 times (week)		3 to 4 times (week)		Nothing		1 to 2 times (week)		3 to 4 times (week)	
	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
<b>Aggressor subscale</b>												
Online discussions	0	0.0%	130	64.4%	72	35.6%	107	53.5%	81	40.5%	12	6.0%
Threatening by email	0	0.0%	197	97.5%	5	2.5%	157	78.5%	19	9.5%	24	12.0%
Threatening by cell phone	0	0.0%	182	90.1%	20	9.9%	149	74.5%	36	18.0%	15	7.5%
Uploading humiliating images to the network	0	0.0%	202	100%	0	0.0%	170	85.0%	20	10.0%	10	5.0%
Sending humiliating links	0	0.0%	196	97.0%	6	3.0%	108	54.0%	50	25.0%	42	21.0%
Ridicule with jokes	0	0.0%	170	84.2%	32	15.8%	98	49.0%	71	35.5%	31	15.5%
Send rumor links	0	0.0%	178	88.1%	24	11.9%	146	73.0%	30	15.0%	24	12.0%
Steal key and send messages	0	0.0%	198	98.0%	4	2.0%	153	76.5%	25	12.5%	22	11.0%
Record video humiliating	0	0.0%	197	97.5%	5	2.5%	175	87.5%	20	10.0%	5	2.5%
Send videos ridiculing	0	0.0%	193	95.5%	9	4.5%	181	90.5%	10	5.0%	9	4.5%
Record video damaging	0	0.0%	195	96.5%	7	3.5%	0	0.0%	182	91.0%	18	9.0%
Send recordings	0	0.0%	193	95.5%	9	4.5%	169	84.5%	19	9.5%	12	6.0%
Spreading secrets online	0	0.0%	195	96.5%	7	3.5%	173	86.5%	23	11.5%	4	2.0%
Exclude from an online group	0	0.0%	167	82.7%	35	17.3%	1	0.5%	154	77.0%	45	22.5%
Send threats	0	0.0%	199	98.5%	3	1.5%	184	92.0%	1	0.5%	15	7.5%
Record sex videos	1	0.5%	201	99.5%	0	0.0%	194	97.0%	2	1.0%	9	4.5%
Sending images of sexual conduct	1	0.5%	201	99.5%	0	0.0%	184	92.0%	15	7.5%	1	0.5%
<b>Victimization subscale</b>												
Threatening email messages	0	0.0%	178	88.1%	24	11.9%	0	0.0%	143	71.5%	57	28.5%
Threatening cell phone messages	0	0.0%	166	82.2%	36	17.8%	0	0.0%	60	30.0%	140	70.0%
They hang humiliating images	0	0.0%	194	96.0%	8	4.0%	0	0.0%	128	64.0%	72	36.0%
They write rumors to ridicule me	0	0.0%	171	84.7%	31	15.3%	0	0.0%	133	66.5%	67	33.5%
They use my password and send messages in my name	0	0.0%	193	95.5%	9	4.5%	0	0.0%	162	81.0%	38	19.0%
They record me on video in humiliating behavior	0	0.0%	198	98.0%	4	2.0%	0	0.0%	192	96.0%	8	4.0%
I'm being videotaped while someone hurts me	0	0.0%	200	99.0%	2	1.0%	0	0.0%	195	97.5%	5	2.5%
They spread my secrets	0	0.0%	190	94.1%	12	5.9%	0	0.0%	132	66.0%	68	34.0%
I get kicked out of an online group	0	0.0%	163	80.7%	39	19.3%	0	0.0%	102	51.0%	98	49.0%
I receive disturbing and threatening messages	0	0.0%	183	90.6%	19	9.4%	0	0.0%	129	64.5%	71	35.5%
I was recorded on video in sexual conduct	0	0.0%	199	98.5%	3	1.5%	0	0.0%	192	96.0%	8	4.0%