Table 1: Variables used in this study

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| --- | --- | --- |
| Variable | Survey question | Recoding |
| Exposure Variables |  |  |
| Parents understanding |  |  |
| Parents understand problems | During the past 30 days, how often did your parents or guardians understand your problems and worries? | 1, Yes = Most of times/always; 0, No = Never/rarely/sometimes |
| Parents monitoring |  |  |
| Parents were aware of free time activities | During the past 30 days, how often did your parents or guardians really know what you were doing with your free time? | 1, Yes = Most of times/always; 0, No = Never/rarely/sometimes |
| Parents check homework | During the past 30 days, how often did your parents or guardians check to see if your homework was done? | 1, Yes = Most of times/always; 0, No = Never/rarely/sometimes |
| Parents Control |  |  |
| Parents went through things without permission | During the past 30 days, how often did your parents or guardians go through your things without your approval? | 1, Yes = Most of times/always; 0, No = Never/rarely/sometimes |
| Other factors |  |  |
| Gender | What is your sex? | 1 = Male, 2 = female |
| Age | How old are you? “11 years old or younger to 18 years old or older” | 13 - 15 =1, 16-17=2 |
| Current cigarette smoking | During the past 30 days, on how many days did you smoke cigarettes? | 0 = 0 No, 1 or more = 1 Yes |
| Currently drank alcohol | During the past 30 days, on the days you drank alcohol, how many drinks did you usually drink per day | 0 = 0 No, 1 or more = 1 Yes |
| Currently used marijuana | During the past 30 days, how many times have you used marijuana (also called ganja or weed) | 0 = 0 No, 1 or more = 1 Yes |
| Ever used amphetamines or methamphetamines | During your life, how many times have you used amphetamines or methamphetamines? | 0 = 0 No, 1 or more = 1 Yes |
| Physical Activity | During the past 7 days, on how many days were you physically active for a total of at least 60 minutes per day? | 0 = 0 No, 1 or more days = 1 Yes |
| Attended Physical education class | During this school year, on how many days did you go to physical education (PE) class each week? | 0 = 0 No, 1 or more days = 1 Yes |
| Spend three or more hours in setting activity | How much time do you spend during a typical or usual day sitting and watching television, playing computer games, talking with friends, or doing other sitting activities, such as sewing? | less than 1- 2 hours=0 No, 3 or more hours = 1, Yes |
| Supportive Friends | During the past 30 days, how often were most of the students in your school kind and helpful? | 1, Yes = Most of times/always; 0, No = Never/rarely/sometimes |
| Close friends | How many close friends do you have? | 0 = 0 No, 1 or more = 1 Yes |
| Psychological distress | Defined by considering 3 mental health measures when an adolescent’s response was indicative of distress: feeling lonely “most of the time” or “always”; being so worried about something that could not sleep at night ‘‘most of the time’’ or ‘‘always’’; and making a plan about how to attempt suicide. An adolescent who experienced any one of these above-mentioned criteria were considered as having psychological distress | 0 = No, 1 = Yes |