Instructions for R Code

**MalePredictorFunctionOnline.R –** This file defines a function that preprocesses data for later analyses and allows the user to choose variables to test for predictive validity. This file is referenced by both the State Online Final script and the First Year Hospitalizations Online Final script. It does not need to be run separately.

**State Online Final.R –** The “State” script is used to test the predictive power of selected variables for suicidal ideation. The State script can be run by selecting the entire body of code and running it as is using RStudio. Note: ensure that the source() function points to the location of the MalePredictorFunctionOnline.R file.

**First Year Hospitalizations Online Final.R –** The “Hospitalization” script is used to test the predictive power of selected variables for predicting psychiatric hospitalizations in the year following the test date. The Hospitalization script can be run by selecting the full code and running as is using RStudio. Note: ensure that the source() function points to the location of the MalePredictorFunctionOnline.R file.