Supplementary Online Content

Bryan CJ, Bryan AO, Wastler HM, et al. Assessment of latent subgroups with suicidal ideation and suicidal behavior among gun owners and non–gun owners in the US. JAMA Netw Open. 2022;5(5):e2211510. doi:10.1001/jamanetworkopen.2022.11510

eTable 1. Fit Statistics for Latent Class Analysis Models
eTable 2. SITBI-R Item Response Probabilities Across 5 Latent Classes

This supplementary material has been provided by the authors to give readers additional information about their work.
eTable 1. Fit statistics for latent class analysis models

| No. of Classes | Entropy | BIC      | Likelihood Ratio Test | cmP               |
|----------------|---------|----------|-----------------------|-------------------|
| 2              | 0.970   | 38952.60 | <.001                 | 0                 |
| 3              | 0.959   | 37820.93 | <.001                 | 1.22 x 10^{-88}   |
| 4              | 0.961   | 37471.34 | <.001                 | 9.96 x 10^{-13}   |
| 5              | 0.955   | 37416.07 | 0.002                 | 0.999             |
| 6              | 0.923   | 37547.14 | 0.732                 | 3.45 x 10^{-29}   |
**eTable 2. SITBI-R item response probabilities across 5 latent classes**

| SITBI-R Items                                      | Class 1 (n=8300) | Class 2 (n=276) | Class 3 (n=368) | Class 4 (n=152) | Class 5 (n=57) |
|---------------------------------------------------|------------------|-----------------|-----------------|-----------------|----------------|
| Passive suicidal ideation                         |                  |                 |                 |                 |                |
| I wish I could disappear or not exist             | 1.1              | 60.3            | 25.2            | 75.5            | 92.8           |
| I wish I was never born                           | 0.3              | 26.3            | 16.9            | 44.1            | 82.6           |
| My life is not worth living                       | 0.4              | 30.1            | 12.8            | 61.8            | 86.5           |
| I wish I could go to sleep and never wake up      | 0.8              | 57.1            | 14.1            | 69.5            | 95.6           |
| I wish I were dead                                | 0.1              | 18.9            | 11.0            | 72.0            | 98.2           |
| Active suicidal ideation                          |                  |                 |                 |                 |                |
| Thoughts of killing yourself                      | 0.3              | 22.2            | 30.3            | 84.3            | 96.3           |
| Maybe I should kill myself                        | 0.0              | 6.7             | 13.3            | 65.3            | 91.1           |
| I should kill myself                              | 0.0              | 0.0             | 11.1            | 37.5            | 96.1           |
| I am going to kill myself                         | 0.0              | 1.1             | 3.8             | 16.8            | 83.7           |
| Suicidal planning                                 |                  |                 |                 |                 |                |
| Specific way or method                            | 0.0              | 4.9             | 34.6            | 61.4            | 96             |
| Specific place                                    | 0.0              | 1.4             | 12.3            | 24.1            | 88.6           |
| Specific time                                     | 0.1              | 1.6             | 9.2             | 13.7            | 73.4           |
| Suicidal behaviors                                |                  |                 |                 |                 |                |
| Attempt to kill self with some intent to die      | 0.1              | 0.4             | 19.8            | 5.0             | 25.7           |
| Preparatory behavior                              | 0.1              | 0.3             | 44.4            | 12.1            | 56.2           |
| Practice/rehearsal behavior                       | 0.1              | 0.2             | 11.1            | 1.7             | 26.6           |
| Aborted attempt                                   | 0.0              | 1.3             | 14.5            | 4.4             | 33.7           |
| Interrupted attempt                               | 0.0              | 0.2             | 8.6             | 3.9             | 29.0           |
| Suicide attempt -- started then changed mind      | 0.0              | 0.4             | 7.8             | 0.0             | 28.4           |
| Suicide attempt -- started then reached out for help | 0.0              | 0.4             | 6.4             | 0.0             | 14.2           |
| Suicide attempt -- found afterwards               | 0.1              | 0.0             | 6.4             | 0.0             | 16.0           |
| Suicide attempt -- not found afterwards           | 0.0              | 0.4             | 5.5             | 0.8             | 19.5           |
| Nonsuicidal self-injury                           |                  |                 |                 |                 |                |
| Hurting self without wanting to die               | 0.4              | 6.2             | 9.4             | 15.8            | 36.0           |

Note: Darker shading reflects increasing probability of item endorsement.