CHALLENGING THE INEVITABILITY OF SUICIDE:

THE EFFECT OF GUN REGULATION ON OVERALL SUICIDE RATES AND PORTFOLIO OF PREVENTATIVE MEASURES

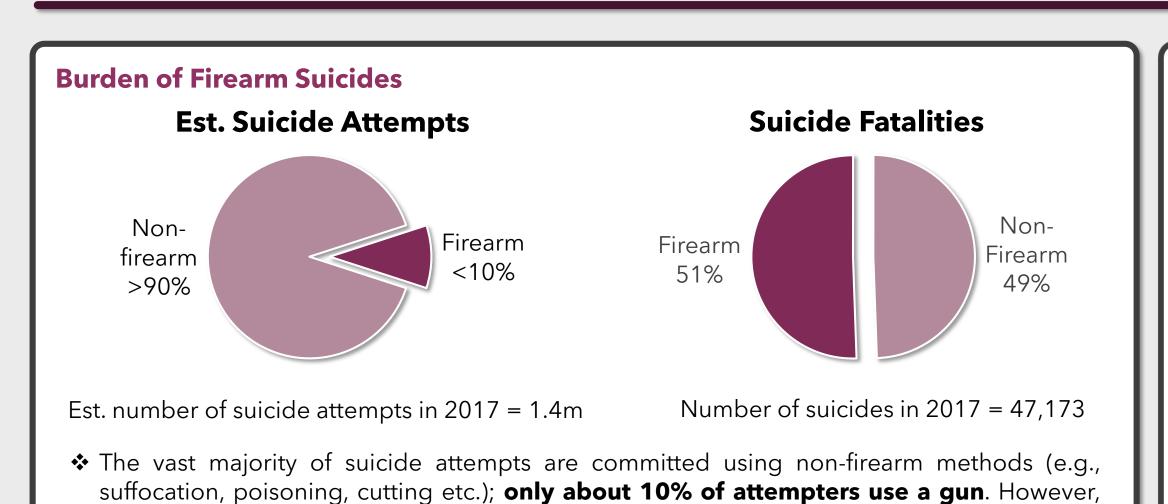
Key Points

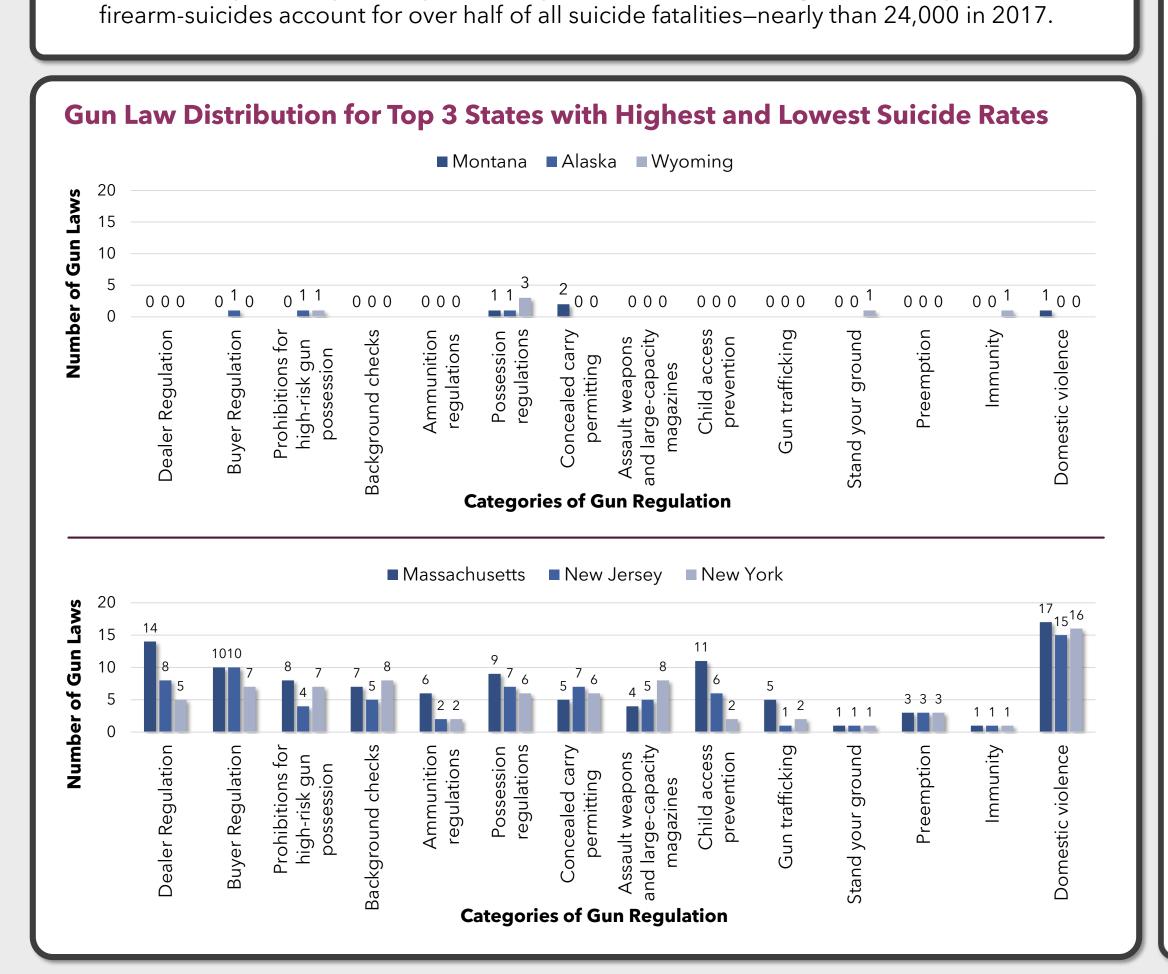
Question: Do measures that reduce firearm suicide rates increase suicide rates by other methods?

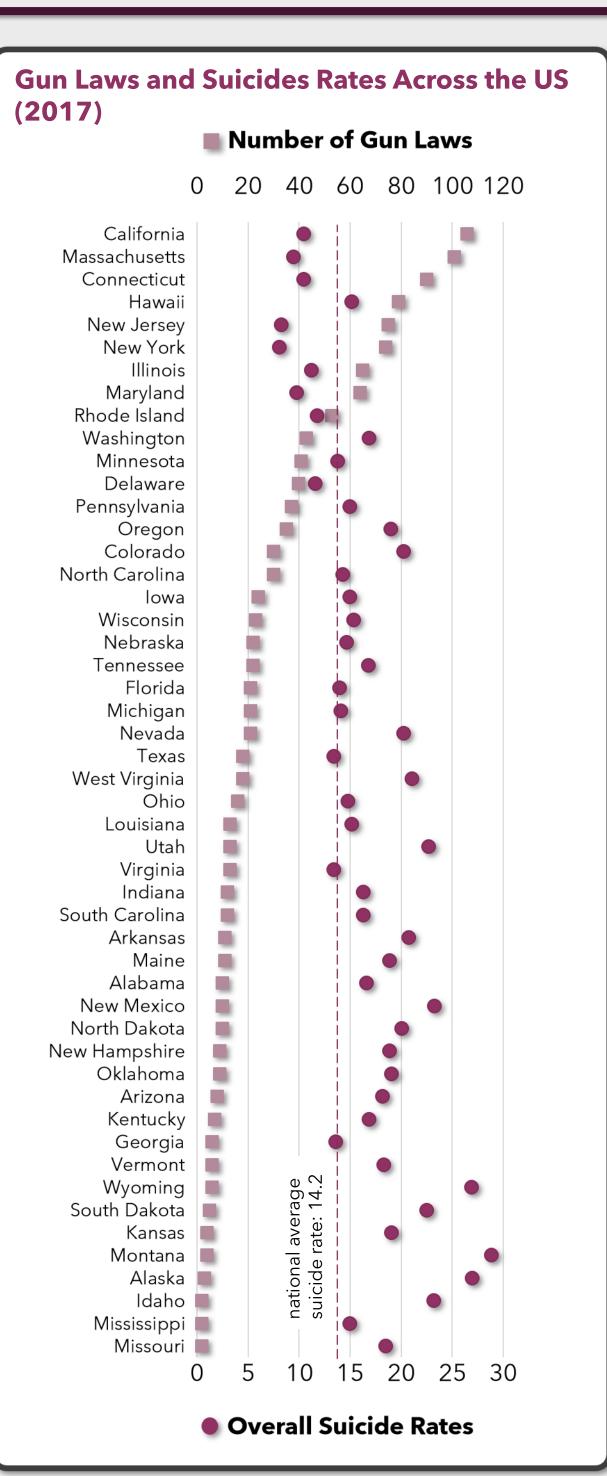
Findings: In a state-wide assessment of the relationship between the number of gun laws and suicides rates by firearms, non-firearm methods, and all methods, we found the following results:

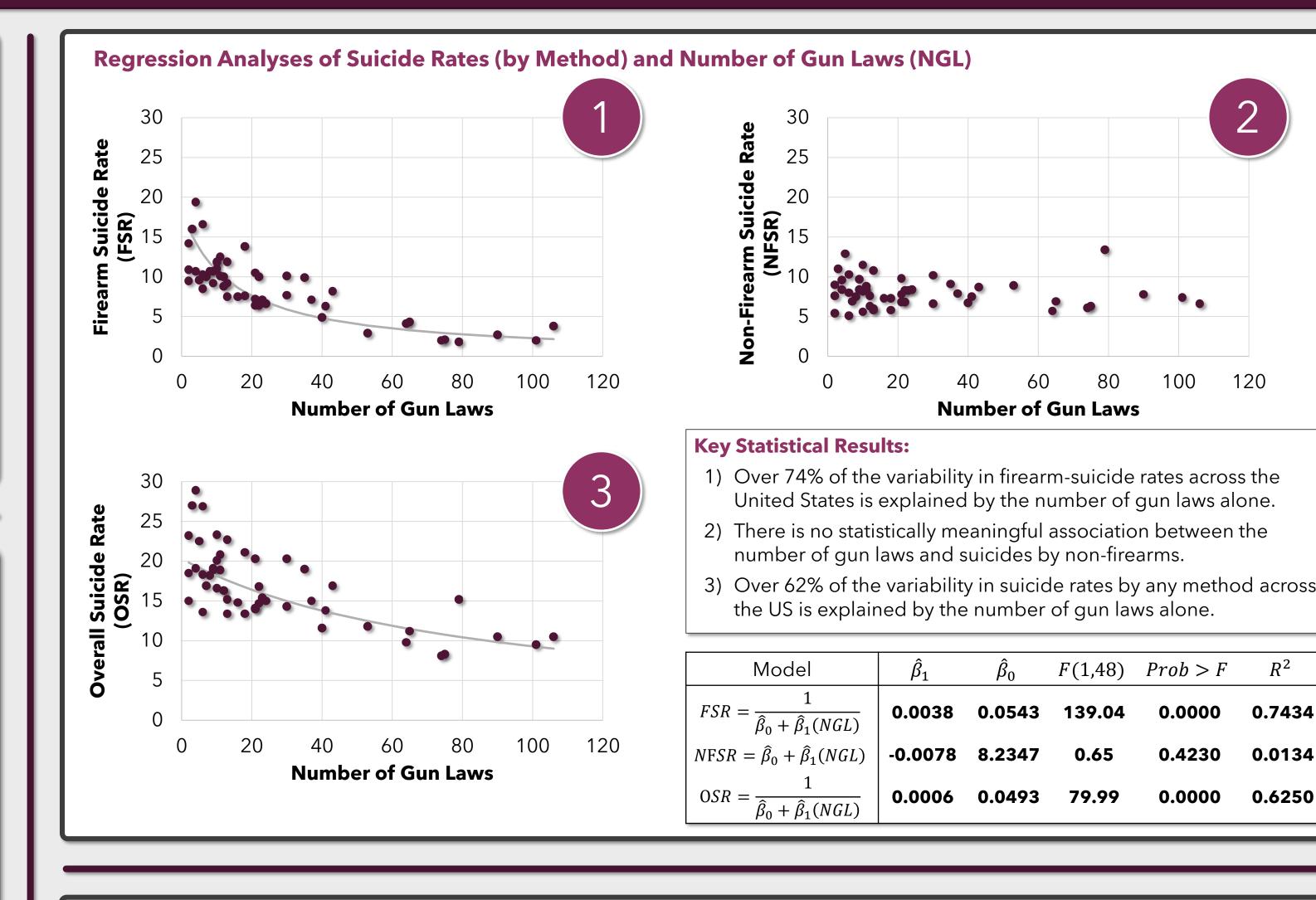
- * There is a strong negative correlation between number of gun laws and firearm suicides;
- There is no correlation between number of gun laws and suicides by non-firearm methods;
- There is a strong negative correlation between number of gun laws and suicides by all methods.

Meaning: Measures that reduce suicides by one method (firearms) do not exacerbate suicides by other means, thus reducing overall suicide rates. This opens the door to a host of *preventative* measures against firearm-suicides that might one day contribute towards suicide prevention.



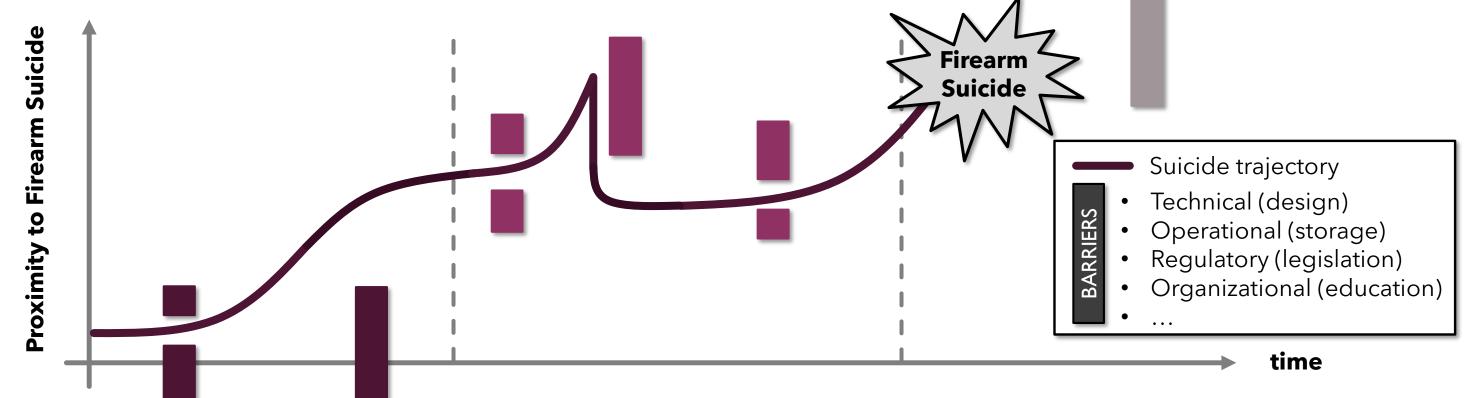






Defense-in-Depth Against Firearm Suicide and Portfolio of Preventative Measures

Defense-in-depth is marked by multiple lines of defense or safety barriers placed along the suicide sequence. The safety barriers should be diverse in nature and should not stand alone (hence the "depth" qualifier). The figure below illustrates the defense-in-depth principle against a hypothetical individual's suicide sequence.



The various safety barriers have different objectives and perform different functions—namely (i) preventing the suicide sequence from initiating, (ii) blocking further escalation of suicide sequence, and (iii) mitigating the consequences. We aggregate these solutions into a portfolio of preventative measures, included in the accompanying paper.

Prevention functions

Prevent the suicide sequence from initiating

- Mental health screening
- Prohibitions for high-risk gun possession
- Emotional-/self-awareness
- Emotional / Sen award

Blocking functions

Block escalation of suicide sequence

- Secure gun storage
- Authorized user identification
- Suicide support lifelines
- ...

Mitigation functions

Mitigate the consequences of suicide

- Reducing the lethality of the firearm
- Support for victim's friends and family
- ...