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The Role of Metaphor and Reliability of the Speaker in Reasoning: A Replication Study

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Abstract

The aim of the follow-up study was to examine whether the effect of metaphors on reasoning is influenced by the (underlying) assumptions of the participants. That is, the use of a particular metaphor is not seen as a random decision but shows that the speaker has reflected on the issue and concluded that this metaphor best describes the problem, allowing participants to propose appropriate solutions.

1. Introduction

Metaphors can be found in everyday speech. Their persuasive nature has been object of studies since the last 1970s (cf. Gibbs 2010). For instance, Thibodeau & Boroditsky (2011) researched how even subtle metaphors impact decision-making regarding a socio-political issue, namely crime. In their study, they explored how metaphorically framing crime as a *beast* or as a *virus* influences the suggestions offered by participants to solve the issue. That is, when crime was metaphorically described as a *beast*, participants were more likely to suggest enforcement-oriented solutions to the issue than when crime was metaphorically framed as a *virus*.

So far, however, little research has been conducted regarding the question whether the reliability of the speaker influences the effect of the metaphor. Hence, the present study is divided into a replication study and a follow-up study. The replication study aims to replicate the experiment conducted by Thibodeau & Boroditsky (2011). The main hypothesis (1), therefore, holds that metaphorically framing crime as a *beast* triggers participants to prefer enforcement-oriented solutions and describing crime as a *virus* influences participants to favor reform-oriented solutions. Additionally, we test hypothesis (2) that participants' political affiliation influences their responses, and hypothesis (3) that metaphor-framing effect does not vary with vignette length.

The follow-up study, on the other hand, examines whether the effect of metaphors on reasoning is influenced by the (underlying) assumptions of the participants. That is, the use of a particular metaphor is not seen as a random decision but shows that the speaker has reflected on the issue and concluded that this metaphor best describes the problem, allowing participants to propose appropriate solutions. Unlike in the replication study, participants are not only presented with a metaphorical description of the crime issue but also with pictures of different speakers that are associated with different levels of reliability, namely a newscaster and an aggressive looking, drunk person. We hypothesize that compared to the *hooligan* condition, we expect a higher proportion of expected suggestions (reform-oriented suggestions in *virus* frame and enforce-oriented suggestions in *beast* frame) in the *newscaster* condition.

The paper is subdivided as follows. Chapter 2 outlines the research in the field of metaphors in reasoning. Chapter 3 focuses on the study design, including the pilot study, the replication study, and the follow-up study. In chapter 4, I will present the results and in chapter 5, I will discuss the findings. Finally, chapter 6 provides a summary of the study as well as an answer to the research question.

2. Literary review

In the following section, I will outline the research in the field of metaphors in reasoning. First, the scientific background of metaphors is explained, including the conditions under which metaphors are most influential. Second, I will summarize the study by Thibodeau & Boroditsky (2011) on metaphors in reasoning and discuss their results. Next, follow-up studies that could replicate the results by Thibodeau & Boroditsky (2011) as well as their further findings are recapitulated. Finally, I will present studies that could not replicate the findings and discuss their results.

Generally, metaphors can be described as “instances of non-literal language that involve some kind of [implicit] comparison or identification” (Knowles & Moon, 2005, p. 7). According to the conceptual metaphor theory, people speak and think in metaphors (cf. Thibodeau & Flusberg, in press). Consequently, recent studies have focused under which conditions and the degree to which metaphors can influence one’s thoughts and decisions about socio-political topics such as crime (cf. Thibodeau, Hendricks & Boroditsky, 2017, Thibodeau, Matlock & Flusberg, 2019, Steen, Reijnierse & Burgers 2014, Thibodeau & Flusberg, in press, Reijnierse et al., 2015).

For metaphors to have their greatest impact, several factors must be aligned. First, the source domain (e. g. *virus* or *beast*) and target domains (e. g. *crime*) must match for the metaphor to be apt. Second, people must not already have strong beliefs about the topic in question. Third, prior knowledge of the topic as well as knowledge and interest in the source domain is useful for the metaphor to be persuading. Next, the entailment of metaphors also depends on factors other than the source domain. That is, the meaning of common metaphors might vary. Finally, metaphors are more influential, if the metaphorical mapping is extended in ways that align with

the metaphor. For instance, if the language used to describe the metaphor align with the mapping, people more likely to favor the metaphor-consistent response (cf. Thibodeau, Hendricks & Boroditsky, 2016).

However, little research has been conducted so far regarding the question on the influence of the speaker of the metaphor. That is, whether the reliability of the speaker corelates with the extent to which the metaphor is influential. For instance, if the speaker seems less reliable, the hearer is less susceptible to the metaphor.

In the original study that is to be replicated in the present paper, Thibodeau & Boroditsky (2011) found that metaphors can heavily influence reasoning. In their first experiment, 485 participants were given a short metaphorically framed report about increasing crime rates in the fictitious City of Addison, which included crime statistics of said city. For half of the participants, crime was described as *virus* infecting the city, while for the other half, as a *beast* attacking the city. Afterwards, participants were asked to propose solutions for the crime problem. Participants that were confronted with the metaphor of crime as a *virus* were more likely to propose dealing with the underlying problem and suggesting reforms to prevent crimes. Contrary, metaphorically framing crime as a *beast* led participants to focus on police force or other methods of law enforcement. Interestingly, participants identified the crime statistics in the report as the motivation for their problem-solving decision instead of the metaphor, although the crime statistics were identical in both vignettes. Thus, metaphors seem to subconsciously influence participants' decisions. Additionally, their results suggest that overall, Republicans are more likely to propose enforcement solutions.

In a replication study, Thibodeau & Boroditsky (2013) asked participants to evaluate a set of problem-solving solutions for the crime problem and select the most effective ones. The results were consistent with those of the original study. Similarly, Thibodeau & Boroditsky (2015), Thibodeau, Iyiewaure & Boroditsky (2015), and Thibodeau (2016) could replicate the findings. However, Thibodeau & Boroditsky (2015) found indications of a cultural shift in the opinion on the topic of crime. That is, participants' suggestions in their study in 2015 were focused on community outreach, while

in the original study in 2011, they proposed “policies grounded in the economy and prison system” (p. 11). Additionally, neighborhood watches were no longer seen as reform-oriented and consistent with the *beast* frame, as it was the case in 2011, but were seen as enforce-oriented instead (cf. Thibodeau & Boroditsky, 2015). Moreover, their results suggest that metaphors are more influential if the metaphoric framing is extended into the texts of policies. That is, participants were more likely to suggest social reforms that were labelled as *treatments* in response to a crime *virus*, while they favored *attacking* the problem with tough enforcement in response to a crime *beast* (cf. Thibodeau, 2016). As in the original study, results of both replication studies showed Republicans, overall, were more likely to be enforcement-oriented (cf. Thibodeau & Boroditsky, 2015, Thibodeau, 2016).

Likewise, Christmann & Göhring (2016) could replicate the findings as well. However, participants were Germans instead of US citizens, as it was the case in the original study by Thibodeau & Boroditsky (2011). This might have led to different results, since “the use and evaluation of specific metaphors can vary across cultures” (Steen, Reijnierse & Burgers, 2014, p. 7). Additionally, the coding of the answers differed, insofar as that answers that included an equal number of suggestions for enforcement and reform were not counted to either enforcement or reform, respectively, by 0.5, as it was the case in Thibodeau & Boroditsky (2011) but were coded as 0 instead (cf. Christmann & Göhring 2016). Interestingly, when conducting the coding in the same way as in the original study, the difference between the responses of the *beast* and the *virus* group failed to reach statistical significance (cf. ibid.).

The following two studies by Steen, Reijnierse & Burgers (2014) and Reijnierse et al. (2015) could not replicate the findings of the original study either. The results by Steen, Reijnierse & Burgers (2014) failed to show statistically significant differences between the metaphorically frames but suggested that enforcement solutions are preferred overall. However, as pointed out by Thibodeau & Boroditsky (2015), the coding of the answer differed from the original study in a way that is psychologically and statistically problematic. Moreover, only their fourth experiment included a sufficient sample. According to Thibodeau & Boroditsky (ibid.), it would be more

appropriate to treat the data as categorial. In their categorical data analysis, they found that participants of the *virus* group favored reform-oriented options that are consistent with the *virus* frame (cf. Thibodeau & Boroditsky, 2015).

Furthermore, in their series of replication studies, Reijnierse et al. (2015) could not find similar evidence as in the original study by Thibodeau & Boroditsky (2011). That is, they found no significant effect for the metaphorical framing on the preferred measures (cf. Reijnierse et al., 2015). However, instead of suggestion solutions, participants were asked to evaluate the effectiveness of two sets of measures on a scale and the presented text of the crime problem severely differed from the one in the original study. Not only did they include the mayor of the city as speaker but also information about the longevity of the crime issue, the length of the report, and the content of the report itself differed. That is, the report did not include statistical information and read *Crime is a virus/beast* instead of *Crime is a virus infecting the city/wild beast preying on the city*, as it was the case in the original study. The authors admitted that the design of the study was inappropriate in such a way that it "may have made it impossible to find out whether people actually reason by working out the entailments of the metaphorical frame" (Reijnierse et al., 2015, p. 260). Yet, as in the original study, the effect that Republicans, overall, were significantly more likely to find the enforcement-oriented approaches more effective than Democrats and Independents could be replicated (cf. Reijnierse et al., 2015).

3. Replication study

The following section provides an overview of the replication study. The study design, including the pilot study, procedure, materials, and methods of data analysis, is explained. Additionally, socio-demographic information about participants and the results of the study are given.

3.1 Study design

The experiment was conducted using a 2 (metaphorical frame: *beast* or *virus*) x 2 (vignette length: short or long) between-subjects design. The four

options of the metaphorically framed description of crime are given in the appendix.

After a welcoming page, participants were randomly presented with one of the four possible, metaphorically framed crime descriptions about crime in the City of Addison. While the description was still visible on the screen, participants were asked to propose solutions for the crime problem in a text box. Next, they were asked to rate the reliability of the text on a scale from 1 to 7. Finally, they were asked to indicate their political affiliation, age, education, gender, nationality, native language, and level of education. During the experiment, participants were not able to return to the pages they had already visited in the survey and update their responses. The code for the study can be found here: https://tinyurl.com/mr4vky58.

Participants' solutions were treated as a set of suggestions. Each suggestion is classified as either *enforce* or *reform* by hand. As in the original study by Thibodeau & Boroditsky (2011), suggestions are categorized as *reform* if the proposed solution suggests investigating the underlying cause of the problem or suggests a particular social reform to treat or inoculate the community. In contrast, suggestions are categorized as *enforce* if the proposed solution focuses on the police force or other methods of law enforcement or modifying the criminal justice system. As pointed out by Thibodeau & Boroditsky (2015), suggestions of *neighborhood watches* cannot be clearly classified and are therefore excluded from the analysis. Solutions that contain the same number of suggestions for both reform and enforce are categorized as *both*. Finally, solutions are categorized as *neither* if the proposed solution lacked a suggestion and are therefore excluded from the analysis. Participants' answers and their categorizations are given in the appendix. The remaining three categories are ordered as follows: *reform*, *both*, *enforce*.

As preregistered at https://osf.io/2tbj5/, data were analyzed using a Bayesian ordinal regression model for the binary choice variable `metaphor` as covariate (either *beast* or *virus*). The analysis uses the statistical programming language R and relies on the `brms` package. In the analysis, the default (flat) priors of the `brms` package for the effect coefficients are used. The code for the analysis can be found here: https://tinyurl.com/yczvyjy3.

The preregistered study design is based on a pilot study that was completed by a total of 60 participants. Participants' answers as well as the findings of the pilot study can be found in the appendix.

As preregistered, we hypothesized that compared to the *virus* metaphor, we expect a higher propensity of suggestion in the category *enforce* in the *beast* frame, by comparing the posterior estimates for the aggregate value in the *beast* condition with those from the *virus* condition. We judge there to be positive evidence in favor of the main hypothesis (1) if the posterior probability of the difference between the ordinal predictor value for the *beast* metaphor and the *virus* metaphor being positive (*beast* bigger than *virus*) is at least 0.95.

Furthermore, the study aims to test the hypothesis (2) that rates of *enforce* increase for participants that identify their political affiliation as Republican. As preregistered, we judge there to be evidence in favor of the hypothesis, if the posterior probability of this difference being bigger than zero is at least 0.95. We intend to also investigate the hypothesis (3) that the effect of metaphors on reasoning, as proposed in hypothesis (1), does not vary with the length of the metaphorically framed description of crime. In accordance with the preregistration, we judge there to be evidence in favor of the hypothesis, if the posterior probability of this difference not being bigger than zero is at least 0.95.

3.2 Participants

The data used in this study was taken form Prolific (www.prolific.co/). To ensure trustworthy work, the approval rate on Prolific was set to 95%. During the set-up of the study, it was ensured that only participants who self-identified as native English speakers based in the US were recruited. Every participant was allowed to participate only once and was paid for their participation.

A total of 200 participants (92 females, 102 males, 3 other) completed the study. Their ages range from 18 to 85[1] with a mean of 38.9. A total of

[1] One participant reported an age of 1850. It can only be assumed that this data point was caused by a typing error. Therefore, the second highest value is given here as the highest age and the mean value of age is calculated without the outlier.

65 participants (32.5%) completed high school as their highest level of education, while 2 (1%) participants did not graduate from high school. 96 participants (48%) reported college as their highest education, and 33 participants (16.5%) had a higher degree. A total of 108 (54%) participants described themselves as Democrats, 33 (16.5%) as Republicans, while 56 (28%) identified as neither and 3 participants (1.5%) preferred not to say. The full data set can be found here https://tinyurl.com/46ytp2z4. However, because only 3 participants out of 200 participants preferred not to state their political affiliation, we excluded those participants from the analysis to conduct a reliable statistical analysis.

3.3 Findings

The aim of the replication study was to test whether metaphorically framing crime as a *beast* triggers participants to prefer enforcement-oriented solutions and describing crime as a *virus* influences participants to favor reform-oriented solutions, as has been claimed by Thibodeau & Boroditsky (2011). Additionally, the replication study explores the influence of the vignette length on the perceived reliability. Since the follow-up study tests the hypothesis that the effects of both the *beast* and the *virus* frame are higher if the speaker describing the crime issue seems reliable, it is crucial to ensure that it is not the vignette length but the perceived reliability of the speaker that amplifies such effects.

First, consider Figure 1, in which participants' responses to the crime issue are depicted. It becomes apparent that enforcement-oriented solutions are preferred overall.

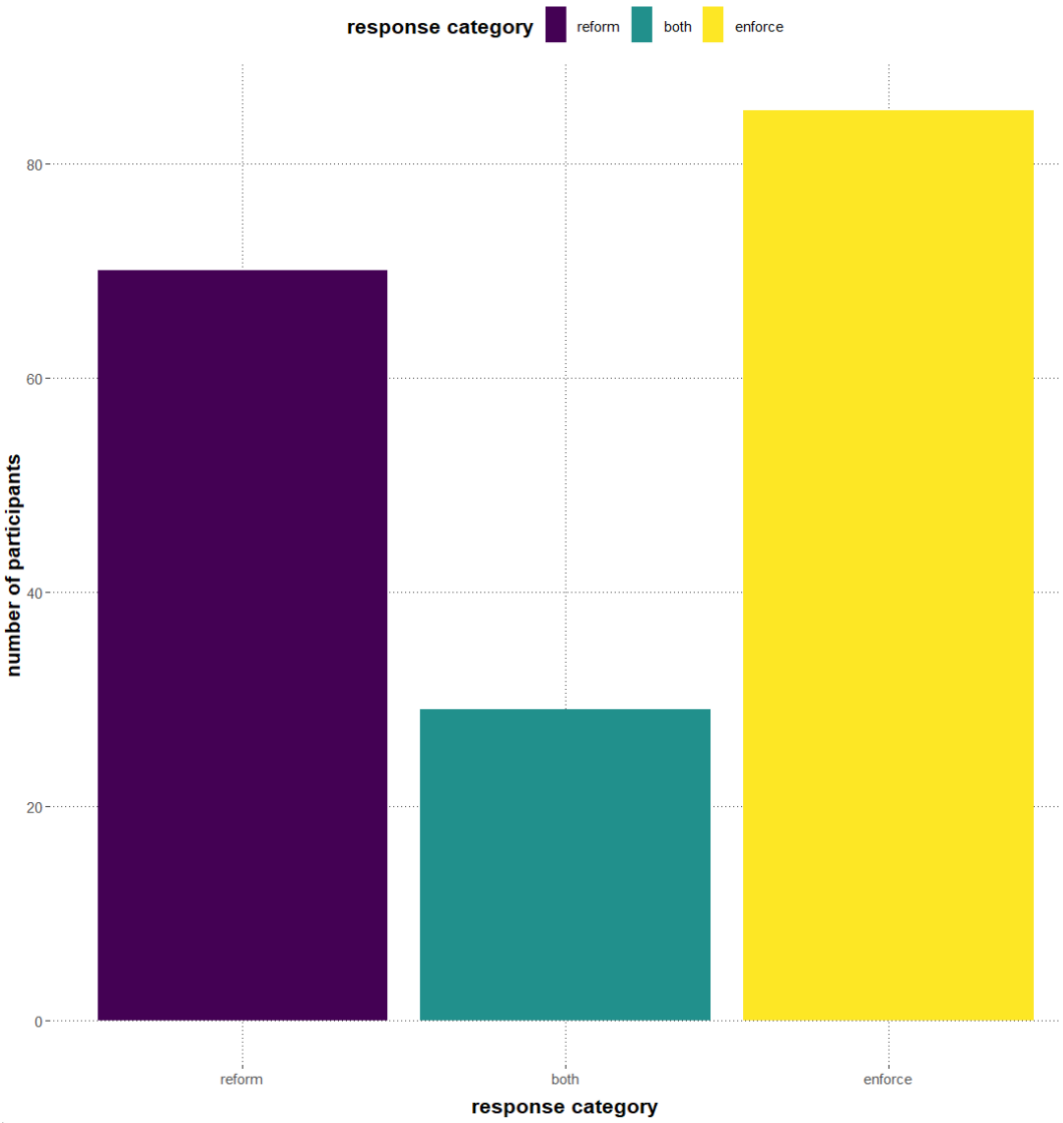

Figure 1: Categorizing participants' responses reveals that enforcement-oriented solutions are preferred overall.

Next, consider Figure 2, which presents the same data but differentiates between political affiliations and the metaphorical framing of the description. Considered jointly, it becomes apparent that on the one hand, Republican mostly suggest enforcement-oriented solutions overall and on the other hand, metaphorically framing crime as a *virus* leads participants to favor reform-oriented solutions.

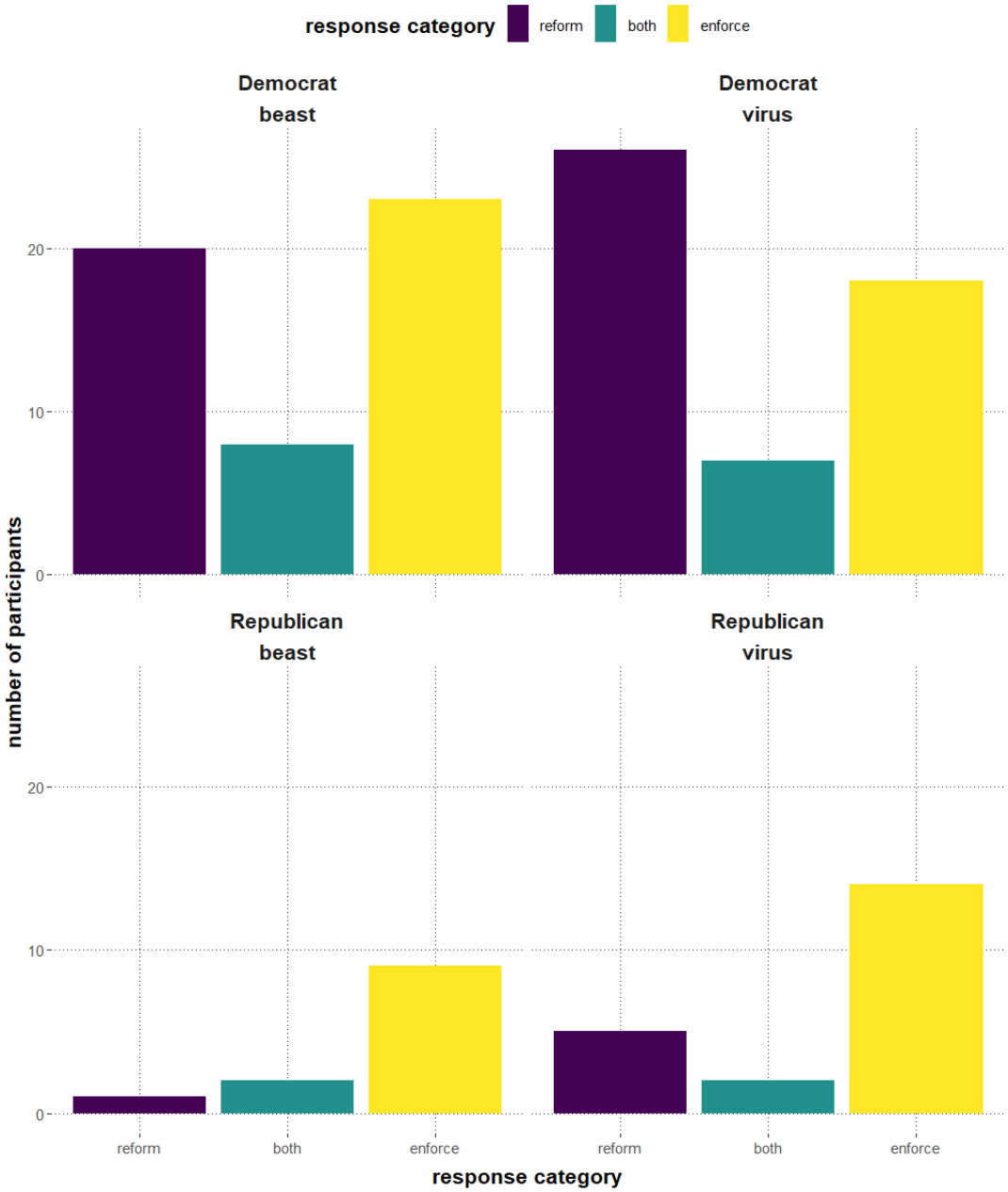

Figure 2: Participants' responses are influenced by the metaphorical framing of the description as well as their political affiliations.

As preregistered, we hypothesized that compared to the *virus* metaphor, we expect a higher propensity of suggestion in the category *enforce* in the *beast* frame, using Bayesian ordinal regression. We judge there to be positive evidence in favor of the main hypothesis if the posterior probability of the difference between the ordinal predictor value for the *beast* metaphor and the *virus* metaphor being positive (*beast* bigger than *virus*) is at least 0.95. However, the results of the replication study fail to reach the required

threshold, as the posterior probability is 0.67. Hence, the probability of hypothesis (1), given our model and data, is less than 0.95 and therefore insufficient to support the hypothesis.

Regarding the hypothesis (2) that investigates whether the rates of *enforce* increase for participants that identify their political affiliation as Republican, the results of the original study could be replicated. That is, as preregistered, we judge there to be evidence in favor of the hypothesis, if the posterior probability of this difference being bigger than zero is at least 0.95. The results revealed that the posterior probability is 0.99. Therefore, the results replicate the findings of the original study in this aspect.

Last, consider Figure 3, in which the influence of the vignette length on the perceived reliability is visualized. The mean values of the perceived reliabilities r are almost similar in both groups (r = 4.8 in the long vignette condition and r = 5.1 in the short vignette condition), although the results reveal that the variation is rather high (σ = 1.5 and σ = 1.3, respectively).

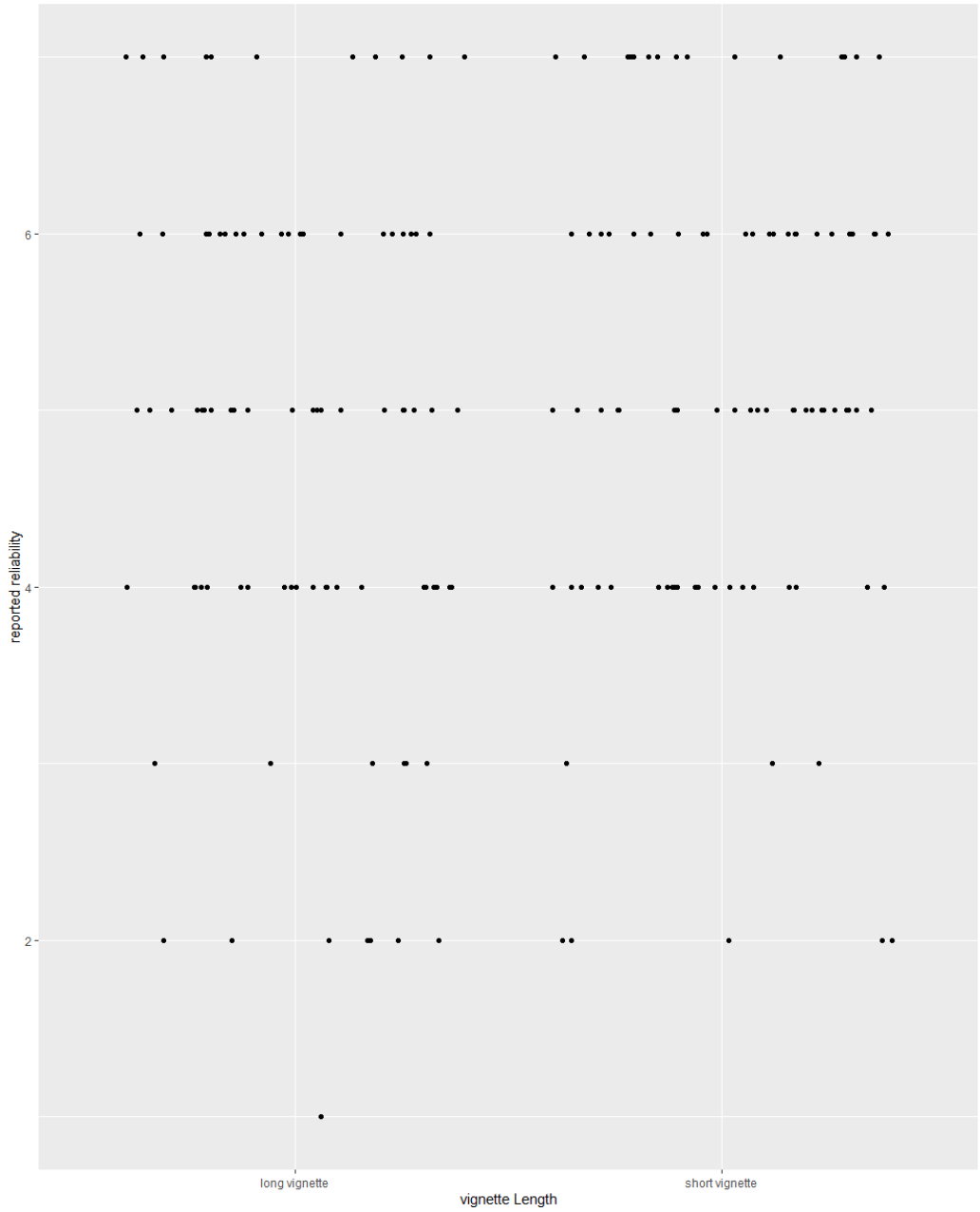

Figure 3: Plotting reliability against vignette length reveals hardly any influence of vignette length on perceived reliability.

As preregistered, we hypothesized that the effect of metaphors on reasoning, as proposed in hypothesis (1), does not vary with the length of the metaphorically framed description of crime. We judge there to be evidence against the hypothesis, that is, evidence in favor of a correlation between vignette length and the effect of metaphors on reasoning, if the posterior probability of the difference in vignette length being bigger than zero is at least 0.95. The results reveal that the posterior probability is about 0.82. Thus, there does not seem to be a correlation between vignette length and

the effect of metaphors on reasoning. Therefore, it can be assumed that the results support hypothesis (3).

4. Follow-up study

In the following, the study design, the participants, and the results of the follow-up study are presented.

4.1 Study design

Unlike the replication study, participants are not only presented with a metaphorical description of the crime issue but also with pictures of different speakers that are associated with different levels of reliability, namely a *newscaster* and an aggressive looking, drunk person, who for the sake of simplicity will be called *hooligan* hereafter. The experiment was conducted using a 2 (metaphorical frame: *beast* or *virus*) x 2 (reliability: newscaster or hooligan) between-subjects design. The two options of the metaphorically framed description of crime, uttered by two different speakers, are given in the appendix. For each speaker, the text in the description of crime is slightly adjusted to match the speaker's jargon, as shown in the appendix.

After a welcoming page, participants were randomly presented with one of the four possible background scenarios describing crime in the City of Addison. While the description was still visible on the screen, participants were asked to propose solutions for the crime problem in a text box. Next, they were asked to rate the reliability of the text on a scale from 1 to 7. Finally, they were asked to indicate their political affiliation, age, education, gender, nationality, native language, and level of education. During the experiment, participants were not able to return to the pages they had already visited in the survey and update their responses. The code for the study can be found here: INSERT FINAL CODE VIA TINY URL.

As in the replication study, participants' solutions were treated as a set of suggestions. Each suggestion is classified as either *enforce* or *reform* by hand. As in the original study by Thibodeau & Boroditsky (2011), suggestions are categorized as *reform* if the proposed solution suggests investigating the underlying cause of the problem or suggests a particular social re-

form to treat or inoculate the community. In contrast, suggestions are categorized as *enforce* if the proposed solution focuses on the police force or other methods of law enforcement or modifying the criminal justice system. As pointed out by Thibodeau & Boroditsky (2015), suggestions of *neighborhood watches* cannot be clearly classified and are therefore excluded from the analysis. Solutions that contain the same number of suggestions for both reform and enforce are categorized as *both*. Finally, solutions are categorized as *neither* if the proposed solution lacked a suggestion that would fit in either of those categories. Participants' answers and their categorizations are given in the appendix. In contrast to the replication study, however, participants' responses are treated as *expected responses* if they suggested reform-oriented solutions in the *virus* condition or enforcement-oriented solutions in the *beast* condition.

As preregistered at https://osf.io/4fe9c, data were analyzed using a logistic regression model for the binary choice variable `speaker` as covariate (either *newscaster* or *hooligan*). The analysis uses the statistical programming language R. The code for the analysis can be found here: INSERT CODE AGAIN??.

The preregistered study design is based on a pilot study that was completed by a total of 23 participants. As preregistered, we hypothesized that compared to the *hooligan* condition, we expect a higher proportion of expected suggestions (reform-oriented suggestions in *virus* frame and enforce-oriented suggestions in *beast* frame) in the *newscaster* condition. We judge there to be positive evidence in favor of the main hypothesis, if the posterior probability of the difference between expected responses in the reliable speaker condition and in the unreliable speaker condition (more expected responses in *newscaster* condition than in *hooligan* condition) being bigger than zero is at least 0.95.

4.2 Participants

As for the replication study, the data used in the follow-up study was taken form Prolific (www.prolific.co/) with an approval rate of 95% and only participants who self-identified as native English speakers based in the US were

recruited. Every participant was allowed to participate only once and was paid for their participation.

A total of 500 participants (175 females, 318 males, 4 other, and 2 preferred not to say) completed the study. Their ages range from 18 to 82[2] with a mean of 41.5. A total of 150 participants (%) completed high school as their highest level of education, while 7 (%) participants did not graduate from high school. 244 participants (%) reported college as their highest education, and 94 participants (%) had a higher degree, while 4 preferred not to say. A total of 229 (%) participants described themselves as Democrats, 107 (%) as Republicans, while 157 (%) identified as neither and 6 participants (%) preferred not to say. The full data set can be found here INSERT LINK VIA TINY LINK.

4.3 Findings

The aim of the follow-up study was to examine whether the effect of metaphors on reasoning is influenced by the (underlying) assumptions of the participants. That is, the use of a particular metaphor is not seen as a random decision but shows that the speaker has reflected on the issue and concluded that this metaphor best describes the problem, allowing participants to propose appropriate solutions.

Now, consider Figure 4, which shows participants' categorized responses to the crime issue. The answers of participants that were presented with the *newscaster* condition are presented on the top, while the answers of participants that were presented with the *hooligan* condition are displayed on the bottom.

[2] One participant reported an age of 1818. It can only be assumed that this data point was caused by a typing error. Therefore, the second highest value is given here as the highest age and the mean value of age is calculated without the outlier.

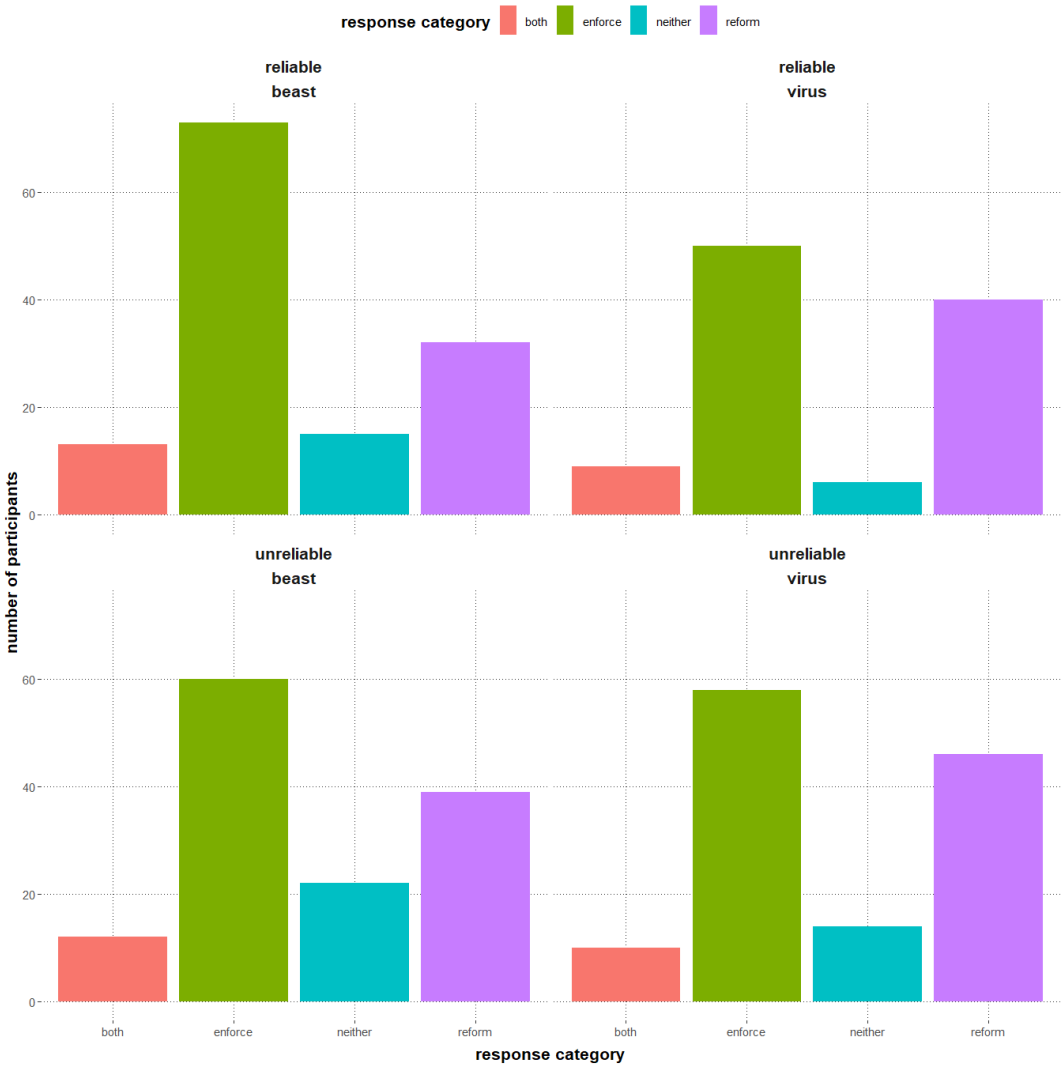

Figure 4: Participants' responses divided according to metaphorical frame and reliability of the speaker.

As preregistered, we hypothesized that compared to the *hooligan* condition, we expect a higher proportion of expected suggestions (reform-oriented suggestions in *virus* frame and enforce-oriented suggestions in *beast* frame) in the *newscaster* condition. We judge there to be positive evidence in favor of the main hypothesis, if the posterior probability of the difference between expected responses in the reliable speaker condition and in the unreliable speaker condition (more expected responses in *newscaster* condition than in *hooligan* condition) being bigger than zero is at least 0.95.

However, the results of the follow-up study fail to reach the required threshold, as the posterior probability is 0.90. Hence, the probability of the hypothesis, given our model and data, is less than 0.95 and therefore insufficient to support the hypothesis.

5. Discussion

In the following chapter, the key findings of the present study are presented, the main hypotheses are re-visited, and compared to previous studies in this field. Additionally, measurement errors, biases, unexpected findings and potential future research are discussed.

In the replication study, we find no evidence for the first hypothesis, that is, for the effect of metaphors on the choice of crime-reducing suggestions. Interestingly, as summarized in chapter 2, the only studies that could replicate said effect were conducted by at least one of the two co-authors of the original study by Thibodeau & Boroditsky (2011), while other replication studies found no such effect. The only exception is Christmann & Göhring (2016). However, while they conclude that their results replicate said effect, the coding of answers differed, as described in more detail in chapter 2. They admit that “conducting the analysis in full accordance with the original procedure[,] this difference was not statistically meaningful” (ibid.).

In contrary, our results provide evidence for the second hypothesis that Republicans are more likely to propose enforcement-oriented suggestions, as claimed in the original study. This effect could be replicated in previous studies as well, including Reijnierse et al. (2015), who did not find the metaphor-framing effect but the effect of political affiliation as well.

Regarding our last hypnosis, we used two speakers that are associated with different levels of reliability to examine the impact of the speaker’s reliability on the metaphor-framing effect. As proposed by Thibodeau & Boroditsky (2011), even subtle metaphors can influence how we reason about a particular issue. However, little research has been conducted regarding the question how exactly this effect is established. On the one hand, one could say that using a certain metaphor causes the hearer to associate the issue with the source domain of said metaphor. That is, the activation of representations for solving an infection with a virus or an attack by a beast are transferred to the crime problem. According to this theory, it is the metaphoric word itself that influences how the hearer reasons about the issue

by activation certain associations. Therefore, the context in which the metaphor was uttered is irrelevant to how influential the metaphor is but using the metaphor several times increases the influence that the metaphor exerts.

On the other hand, on could say that using a certain metaphor does not necessarily cause the hearer to associate the problem with a certain source domain. Instead, the influence of the metaphor varies with the context. That is, if the speaker seems reliable, the hearer concludes that the metaphor best describes the problem and thus, allowing the hearer to propose appropriate solutions that are in line with the metaphor. In contrast, if the hearer does not seem reliable, the hearer does not believe that metaphor suits the problem and therefore, rejects the associations induced by the metaphorical framing of the problem and is less likely to propose metaphor-consistent solutions. In this theory, hearing the metaphorically framed description of crime by a newscaster would lead hearers to prefer metaphor-consistent solutions, while this effect is less prominent in the condition with the hooligan as speaker.

Our results revealed that the difference between the two speakers (0.90) closely dismisses the threshold of 0.95. That raises the question if it is, indeed, only the metaphoric word itself that activates certain association, as proposed in the theory above, or if external factors might have caused the results to not reach the required threshold. In the following, therefore, several biases and measurement errors that might have occurred in the present are discussed.

First, it cannot be ruled out that various news stories, political discourses, and other experiences related to crime that the subjects experienced shortly before the study have affected on their responses.

Second, the present study uses internet recruitment, which is associated with certain biases. For instance, only people with access to internet, the required time to fill in the survey, and interest in participation are recruited. As a result, the sample might under-represent certain groups of people. However, conducting the study online perhaps reduced the risk of

participants changing their responses due to being observed by the researchers. This is less likely to be the case in the present study, since the answers were collected anonymously online.

Next, as pointed out by Thibodeau & Boroditsky (2015) cultural shifts can alter “how people conceptualize aspects of crime” (p. 11). They found that this cultural shift must have occurred in the past six years (ibid.). Since the present study is conducted more than six years after their latest replication study and twelve years after the original study, it is likely that another cultural shift has occurred since that might have influenced how crime is perceived nowadays and explains why the same results as in the original study could not be replicated.

Moreover, in the replication study as well as in the follow-up study, we found an overall tendency for enforcement-oriented suggestions, as shown in Figure 1 in chapter 3.3 for the replication study and below for the follow-up study.

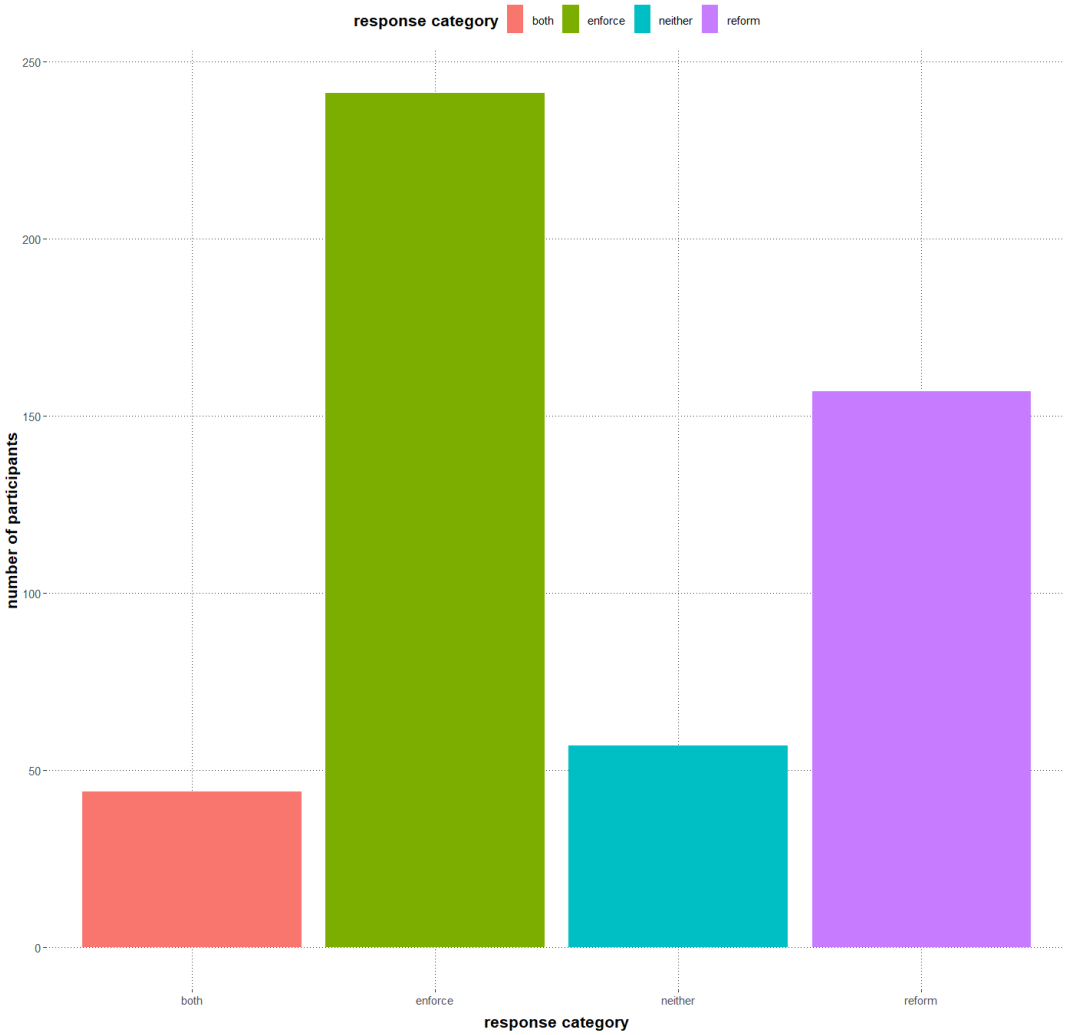

Figure 5: Overall preference of enforcement-oriented suggestions in the follow-up study.

Steen, Reijnierse & Burgers (2014) point out that such a pattern "could lie in the construction of the particular stimulus text used as well as in the dependent variable" (p. 21). The set-up of the study, therefore, might have influenced the data, not allowing the results to reach the required threshold.

Furthermore, the distinction between *reform* and *enforce* is unclear in some cases, insofar as the distinction proposed in the original study only differentiates between measurement to investigate the root causes for crime and measurement that punish criminals does not allow for measurements that do not prevent crime but hinder criminals from committing crime, e. g. security measures such as increased lighting in public areas and improved security measures at private houses. This raises the question whether deterring crime counts as preventative strategy or as enforcement strategy. It

is unclear, whether the results were the same, if those responses with the measurements in question were categorized differently.

Similarly, according to the original study, investigating the root cause, should be seen as reform-oriented suggestions (Thibodeau & Boroditsky, 2011). However, a lot of participants' responses did not suggest scrutinize the root of the problem but what types of crimes are committed. It can only be assumed that investigating the type of crimes implies to, as a next step, also investigate the root of those crimes but since this is only an assumption, those suggestions cannot be clearly categorized either.

In addition, Steen, Reijnierse & Burgers (2014) point out that according to the metaphor processing termination hypothesis, the influence of metaphors depends on the complexity of the described problem. That is, the effect of metaphors is reduced to cases, in which the metaphor is needed to understand the problem. Since crime is a frequently discussed topic that assumingly all participants have reflected upon prior to the study, it might be that this is why we found no evidence supporting the hypothesis. However, if that is the case, then the question arises why such an effect was found in the original study by Thibodeau & Boroditsky, since their experiment was regarding crime as well.

Besides, in the follow-up study, the manipulation of vignettes is not reduced to using different pictures of speakers to portrait different levels of reliability. Instead, the text in the description is slightly adjusted and the different pictures could activate certain associations that cannot be controlled for the researchers. That is, since the unreliable speaker is depicted by an obviously drunk, aggressive looking person, this might have triggered participants to propose other suggestions than would have been the case if the unreliable speaker were illustrated differently. Similarly, for the reliable speaker, we chose a newscaster. However, not all participants might consider newscaster the most reliable source for information of crime. For example, consider one participant's response shown in (1).

(1) Get a new reporter! Too many opinion words were used in the report to scare people

Therefore, this might have influenced the results as well.

As a last point, while the focus of the present study lays on the four hypotheses, the results indicated certain unexpected findings that are addressed in the following. Many participants suggested increasing number of police officers as a crime-reducing strategy. According to Thibodeau & Boroditsky (2011), suggestions focused on police force should be classified as enforcement-oriented. However, it becomes apparent in participants' responses that police patrols are seen as a preventative measure instead. That is, increasing the police presence in the streets of Addison, would deter crime by scaring of criminals. For instance, consider two participants' responses shown in (2).

(2) They need to put more police officers in the street to prevent crime[.]

(3) Addison needs to hire more police to patrol the streets and answer calls, especially at night. If criminals know that there are [sic] police near by [sic] and they will be caught, they will be less likely to commit a crime.

In conclusion, it can be said that there are two forms of prevention. First, prevention in the sense of reform-oriented suggestions includes measures to avoid crime at the root. Second, prevention in the sense that is mentioned by some participants suggesting police patrols, includes measures that do not reduce crime at the root but deter crime because of fear or because of possible trouble or difficulty. Further research is required that either investigates a metaphoric frame that leaves less room for interpretation or explores all different categories of responses.

6. Conclusions

Not only the way in which a problem is described, but also the contextual circumstances of the description can influence how we reason about said problem. In two studies, we investigated the effect of metaphors on reasoning. The first study aimed to explore the role of metaphors and political affiliations, while the second study analyzed how the reliability of the speaker influences the effect of the metaphor.

In the first study, we found no support for the effect shown by Thibodeau & Boroditsky (2011) that the metaphorically framed description

influences the sort of suggestion offered by participants. However, we found that participants who self-identify as Republicans are more likely to propose enforcement-oriented suggestions than other participants, which is consistent with the results presented by Thibodeau & Boroditsky (2011). Additionally, our results indicate that the shorter vignette, which is used in the follow-up study, does not correlate with the perceived reliability of the text. Moreover, the results of the second study indicate that (underlying) assumptions of the participants do not influence the effect of metaphors on reasoning.

- Make an argument in support of your overall conclusion
    - What is my overall conclusion?
        - Our results indicate that the context does not seem to affect the influence of the metaphor.
        - This leads to the assumption that metaphoric words themselves activate certain associations, as proposed in the theory above.
        - Further research is required to explore how metaphors work in more depth.

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8. Appendix

8.1 Pilot study: Categorizing of responses

category	response
both	Identify and reduce the factors that make people turn to crime. Increase social services. Unless this city is in the US, then we need to spend even more money on police and make sure every citizen over the age of both is armed at ALL times.
enforce	police force
enforce	Fund the police more
enforce	Addison needs to implement a system where the police are connected with the community. They can introduce a heavy but welcomed presence due to the relationships their force builds within the community. This will produce more visibility of law enforcement as well as a want to share information leading to a reduction in crime.
both	More uncorrupt police and better social education policies
both	In my opinion, the city of Addison needs to involve its residents in helping tackle the problem of increasing violent crime. It needs to recruit citizen volunteers to help its police force out, by forming neighborhood vigilance, watch groups, etc. to try to get back control of the situation. The city can also invest in initiatives for youth training, providing employment opportunities, etc. to deter would-be criminals by giving them a purpose in life.
reform	Institute neighborhood events/community building; build rapport between police and citizens
enforce	more police
enforce	Organize the citizens into a Crime Watch. Publicize types of crimes and how to avoid situations. Determine who is doing the crimes and locking them up.
both	They need to introduce more policing and focus on community policing. They need to build up mental health centers and introduce more employment opportunities.

reform	Addison needs to figure out what has caused the crime rate to increase in the past three years. The city needs to devote more resources to this problem.
enforce	it would depend on a myriad of factors but i supose a quick fix would be a redoing of the potrol system and get more cops
enforce	more police
reform	Citizens band together
enforce	Ensuring that the citizens of Addison are armed and know how to use their firearms would greatly reduce the crime rate. Criminals are bullies and they will not attack if they think their prey is armed and can fight back.
enforce	Increase security measures
enforce	There needs to be more police presence in neighborhoods with high crime. The city needs to spend more time investi-gating the crimes and putting those people away, since it is likely that the crimes are being committed by a small group of people.
reform	Find out the reason why there is crime and then come up with a solution to that problem.
enforce	Flood the streets with police.
enforce	More patrolling by police officers and security personnel.
enforce	Stricter enforcement and longer sentences will serve as a good deterrent to crime.
enforce	Addison needs to add more officers to patrol the streets.
enforce	Increase police force in areas where crimes seem to be committed the most.

enforce	Increase Policing and make sure criminals are punished and not just released right away
reform	It needs to look at the social and economic issues that are spurring the crime rise and address those.
enforce	The city needs to devote more resources to the police.
enforce	Invest in more security devices such as cameras and mobile recording towers.
enforce	Increase police presence
enforce	more police
enforce	Make a curfew for residents.
reform	Yes, Addison needs to invest in its people. The root of most crime is lack of means to buy necessary items. Invest in social programs to make life easier on the residents so they don't resort to criminal activity.
both	There should be an oversight committee to evaluate increasing the size of the police force, also hold a town hall to educate residents on how to eliminate their vulnerability to crime. Education seminars for educating youth and giving them chances to improve their lives rather than relying on crime should be implemented.
enforce	Addison needs stricter law enforcement and perhaps a neighborhood patrol program. The community needs to be engaged in making it a safer place as well.
reform	Investigate what is causing the crimes, the kind of crimes being committed, and provide services to mitigate that. Most problems can be solved by education, compassion, and de-escalation.
reform	create more community programs to support youth, young adults, and vulnerable members of their community. improve education, welfare programs
reform	In order to reduce crime, Addison needs to help ex-offenders find secure living-wage employment.

reform	Better funding for programs to help poor people could help reduce crime in the city.
reform	Addison needs to invest in more public services that can reduce crime, such as mental health services, food assistance services, housing, etc.
reform	Figure out the root cause of the crime. If it is rising poverty and inequality, Addison needs to invest more in the community. If it is community members committing the crime, Addison needs to focus on a restorative justice approach so that those members can actually be reintegrated into society.
enforce	More Security and strictly punishing those who are doing crimes, more surveillances
reform	Figure out who is commiting the crimes and find solutions to prevent these people from doing so.
reform	Addison needs to join any communities that discourages crime and advertise to the city community about reducing crime and participate in any volunteering activities
enforce	They should have a larger police presence. They should have concerned neighborhoods establish neighborhood watch patrols. Perhaps a security guard in smaller strip malls. Tougher jail sentences or fines for illegal activity.
enforce	There needs to be more cops
enforce	Addison needs to expand its' police force.
enforce	Increase law enforcement presence and community outreach.
enforce	More protection and police.
reform	Increase spending on education

reform	More after school programs for teens
reform	Better schools and education
neither	nwighborhood patrols
reform	UBI and rent control
enforce	Higher police patrol and enforce stricter punishments for crimes.
reform	The town needs to find ways to discourage anti-social behavior, and fund initiatives that would decrease poverty in the town. I would suggest funding after school programs for at risk youth, and strengthening the school system. The rule of law through the police force should also be communicated well to the residents.
both	Maybe to help the crime rate in Addison there needs to be more patrolling by officers and there should be educational crime prevention and recreational programs for the youth of this city. By focusing on the youth of the city in a positive way perhaps crime can be prevented in a way. Maybe a type of neighborhood watch program might encourage the citizens of this city too.
reform	Probably address other problems in the city, like finding people work, providing mental health care, things like that that are known to increase crime when neglected
both	Focusing on criminal justice, social programs, and strengthening relationships
enforce	Sounds like organized crime or gangs have taken over the city. The police departments and DEA should be given more funding to fight back on crime.
both	There needs to be more police presence in problematic neighborhoods to deter crime. Youth programs are needed to help educate young people, stimulate their minds, encourage new hobbies and interests, and to discourage unlawful activities during free time.

8.2 Pilot study: Findings

8.3 Replication study: Materials

Virus, long vignette:

Crime is a virus infecting on the city of Addison. The crime rate in the once peaceful city has steadily increased over the past three years. In fact, these days it seems that crime is plaguing every neighborhood. In 2004, 46,177 crimes were reported compared to more than 55,000 reported in 2007. The rise in violent crime is particularly alarming. In 2004, there were 330 murders in the city, in 2007, there were over 500.

Virus, short vignette:

Crime is a virus infecting on the city of Addison. The crime rate has steadily increased over the past three years. In fact, these days it seems that crime is plaguing every neighborhood. The rise in violent crime is particularly alarming.

Beast, long vignette:

Crime is a wild beast preying on the city of Addison. The crime rate in the once peaceful city has steadily increased over the past three years. In fact, these days it seems that crime is lurking in every neighborhood. In 2004, 46,177 crimes were reported compared to more than 55,000 reported in 2007. The rise in violent crime is particularly alarming. In 2004, there were 330 murders in the city, in 2007, there were over 500.

Beast, short vignette:

Crime is a wild beast preying on the city of Addison. The crime rate has steadily increased over the last three years. In fact, these days it seems that crime is lurking in every neighborhood. The rise in violent crime is particularly alarming.

8.4 Replication study: Categorizing of responses

category	response
reform	I think that they need to look into the cause of the crime and figure out what they can do about that. Also important to consider what the type of crime is - whether it is serious or smaller petty crimes. Is it because prices have increased and there is more theft? Or is it because people are unhappy? Or is there a serial killer? I think it's important to see where that is concentrated and what the types of policing are in the areas, what the income difference is. etc.
both	Educate it's citizens, also apply strict penalties for crimes committed.
both	To bring down the crime rate in Addison, the city needs to take some steps. Here are a few suggestions: Put more police officers on the streets: This will help keep people safe and make it harder for criminals to act. Get people involved: Working with the community to solve crimes in their own neighborhoods can be really helpful. Tackle the root problems: Addressing issues like poverty, unemployment, and a lack of education can reduce the reasons why people turn to crime. Use technology: Installing security cameras and using data to predict and stop crime can help the police do their jobs better. Partner with groups that help people: Working with organizations that provide help for mental health, drug problems, and homelessness can address some of the underlying factors that lead to crime. Make sure repeat offenders face serious consequences: This will discourage people from breaking the law and serve as a warning to others.
reform	They need to establish more community involvement, address the crimes and provide resources to the community.

both	Addison should expand their police department in two ways. 1) They should increase the number of officers they employ. In order to ensure they have quality candidates, they should thoroughly vet each candidate and compensate them according with a higher standard of applicant. 2) Addison should have their police have community relationship outreach events, where the community and police get together to talk about these issues. This will increase the mutual trust and not make people feel as though they are being put into a militarized area.
reform	Addison needs to look into why there was as increase in crime rate, so they can figure out how to properly deal with it.
enforce	More police
enforce	Add cameras, add more nightlights to darker areas and allies, have patrol and undercover patrol out at night, raise the penalty for murder
reform	evaluate the original causes of crime and seek to provide support services to prevent those root causes
reform	I would first address poverty -- does everyone have adequate housing, employment, food, and healthcare? Then I would address if there is a drug endemic and address it as a public health crisis.
enforce	Hire more police and invest in home safety measures
enforce	In order to reduce crime in Addison, more police should be hired and start patrolling neighborhoods proactively, a curfew should be put in place, and there should be a crimestopper tip line set up for citizens to report crimes and get rewarded for it.
reform	Better gun laws. And better training for the cops. Maybe some community programs to help with things that might lead to crime
reform	An important first step is for Addison to analyze the trends of crime and make the public know about them, then take steps to address them specifically.
reform	Address the cause of the rise in crime. Has there been an increase in poverty or a rise in drug addiction? Do children and young adults need healthy activities to keep them out of trouble? The first step in solving the increase in crime is to find out what is driving it?
enforce	Have some stricter laws regulating crime / Have a police force more capable to tackle this issue.

enforce	get more police
reform	Addison needs to put preventative measures in place, starting at a young age because young adolescents are very impressionable during developmental stages.
enforce	Increase police and enforce stricter penalties for crimes
reform	Increase jobs
neither	reduce the cops
reform	prevent infection
enforce	Sentence crminals
neither	aaaaa d
enforce	This is a complicated question because it doesn't address what crimes are being committed. Is there an increased drug problem? Is the gang situation increasing? It's easy to say that an increased police presence would be helpful -- and it would -- but it's a bandage to the overall problem.
reform	Addison must focus on eliminating the material conditions that lead to crime. Focusing on poverty elimination through education, jobs guarantees, wage increases, community outreach projects, and guaranteed housing will eliminate the prevalence of most crimes. Providing free mental health care will help reduce crime even further. Focusing criminal justice on restorative and rehabilitative justice rather than retributive justice will all but entirely eliminate crime.
enforce	I'm sure adequate jail or prison time, appropriate bail bonds or no bail bonds would possibly prevent more serious crimes from happening. I think the way the city looks and whether or not it's taken care of has a good contribution to crime rates.
enforce	Addison needs to crack down on criminals and patrol the streets more often to look for suspicious behavior

reform	Addison needs more social workers, mental health facilities, and resources to help the community
enforce	Addison needs to put cameras up to deter and catch criminals
enforce	Stiffer penalties for crimes. Faster court systems so a crook canâ€™t stay on the street for years while dragging out a jury trial. More cops but they would need body cams to make sure they are acting like a good cop should.
both	Well, without knowing anything else, I'd say they need to get to the root of the problem. Drugs? Understaffed police force? Do they need better education? It's hard to say what they need to do without knowing anything else. One thing I won't do is just blindly hand the police more money...
reform	Addison needs to offer a gun buyback program, encourage neighborhood watch programs, hold frequent town halls to hear about concerns directly from constituents, and empower their police force with deescalation training.
reform	Address problems that drive crime like homelessness, addiction, and unemployment.
reform	Analyze the data from the crimes, determine triggers and address them.
enforce	Enforce the law and allow the police to be better funded.
both	think through the policing approach, alongside create foundation programs of social and economic developmental work to assist the peoples most likely to commit crime to offer alternatives
reform	Increase wages and monitor what their people are watching on social media, and what they are listening to in their music, this is the problem to my opinion to a lot of why the violent crime is rising
both	Addison needs to address the community. Add police and detectives to the police force. They should be from the community and knowledgeable of the situation and the reason for the rise in crime.
reform	Addison can reduce crime by maintaining existing and adding new social welfare programs such as free or reduced childcare, increasing social safety nets, increasing funding spent on food stamps, WIC, etc.

both	Addison needs to increase police foot patrols around the city to deter opportunistic crime. They additionally need to provide resources for the less fortunate so that they do not have to turn towards crime to make ends meet.
reform	Look into what crimes are happening and check on the welfare of the people of Addison. Is quality of living going down? What are the motives for the crimes taking place?
reform	I think start with the areas of poverty. Help bring those areas up, anyone struggling to make ends meet and the homeless, would give people a new sense of hope.
reform	Be more aware
reform	Find the root cause of crimes. Incentivize crime reducing actions, etc
both	Addison needs to invest in more policing while also making sure there are plenty of mental health facilities available for its residents who might be struggling with feeling violent.
both	I feel that the city of Addison could take several routes. Most of the time, high-crime areas also have problems with substance abuse and mental health disorders. Providing resources for those experiencing substance abuse and mental health disorders would probably help in the long run. They could also increase patrol in high-crime areas. There could also be stricter weapons laws put in place, since most crimes are violent.
reform	Try to figure out the cause of the crime and work on that problem. For example, if unemployment has increased, try to create more jobs.
reform	I think Addison needs to invest more in community activities and make sure that everyone has the opportunity to grow and learn in the community.
reform	If Crime is a virus, then the citizens of Addison should isolate until the virus either dies out, there is a safe treatment for it and its symptoms, or there is preventative measure that can be taken against this virus (vaccines and/or medicine)
reform	Addison needs officers who work with the people, and a culture to sustain the familial atmosphere
reform	Better education, better gun control, neighborhood watch groups. If I really knew I would win the Nobel Prize.

both	Have more outreach and community programs and increase police and residents interaction and communication
both	To reduce crime in Addison, the police force should be increased. Police should get more training and better safety equipment. Programs to involve youth and community need to started and funded. Schools should raise awareness in children.
reform	Provide more job opportunities and community outreach programs for residents. Provide more mental health resources to residents.
enforce	Start a crime stoppers
enforce	Hire more police officers.
reform	It needs to address the root causes, usually low employment, homelessness, drug abuse.
neither	Honestly, I have no clue. I don't understand the causes of crime. I don't know the specific socioeconomic situation of Addison. Without more detail on the nature of the problem, I can't provide and opinion that actually means anything.
neither	The first thing you need to do is figure out whether or not there is a problem with crime in the city. Your description seems to have been written by a hysterical child.
reform	Initiate public assistance and community events.
reform	Get to the root cause of the crime rate and solve it by addressing the cause.
both	Community outreach and tougher violent crime penalties
both	Increase funding and availability of both social programs and police patrols
enforce	Arm the citizens, who are legally of sound mind and are legally in the area in order that they can protect themselves until police arrive
enforce	Increase police force

reform	create public welfare programs that help disadvantaged communities.
enforce	Have a more enforceable police presence that sends the message that crime will not be tolerated and those who commit crimes will pay the consequences.
both	Increase police presence and invest in the community
reform	Investigate the economic hardships that citizens of Addison may be experiencing.
enforce	increase police hirings, decrease gun ownership hurdles.
enforce	increase the amount of police on the streets
reform	See if there are ways to better support the disadvantaged or mentally ill
reform	First off, try to understand WHY the crime rate has risen so sharply in the past three years. If you are able to identify at least one proximal cause you have a chance of defeating the problem. This can be hard to do, but it is important to mitigating the problem over the long term. Because of the work involved in doing this is extensive, most communities simply add more police and jails. Quite easily, the common universal answer is lack of education and opportunity for folks who are disadvantaged in one way or another. Early education is key. Community education outside of school is also important. Another strong origin is the lack of a stable home and family where peaceful values are instilled. However, the cause of unstable homes is rather complex, typically involving lack of boundaries when it comes to setting a good example for young ones.
enforce	add more law enforcement
reform	It needs to address the problem of why people are committing crimes. They should offer programs that would encourage people to do constructive activities and not commit crimes.Added police officers would also help. Social workers also need to be available to help those in need.
reform	Increase minimum wage.

reform	Address the underlying issues causing people to turn to crime.
reform	figure out the root issue - are the crimes surrounding food insecurity? housing insecurity? organized violence in the area? high unemployment rates?
neither	It is impossible to create a solution to this problem without fully understanding the statistics about the city of Addision and what the current policies are in existence. Not to mention, these are very old statistics at this point. One may be solving for a problem that no longer exists or has already been mitigated.
enforce	Increase police patrol
both	I am honestly not sure because I do not know what the city is like or what is going on. Maybe they need more policing or laws, maybe they need more social services, etc.
reform	Addison needs to identify the root cause of their crime before they can address it. Is it teenagers who have nothing to do? They could impliment after school programs or invest in a park for them to hang out at. Have people been losing their jobs and need to resort to crime to survive They could set up public assistance programs to help with necessities and have days at the library where they help people write resumes. Only by identifying the cause of the crimes can they hope to reduce them.
enforce	Increase their budget for the police force significantly.
enforce	Add more law enforcement and enforce the law with harsher punishment
enforce	In order to reduce crime, Addison needs to catch the criminals
enforce	Addison needs to make its police department more involved (community policing)
neither	I have no idea because you didn't provide enough info, what type of crime is it? I could say something like "Ban guns" but that would be useless if 90% of the crimes are car hit and runs or something.
enforce	To reduce crime, Addison needs make sure neighborhoods are under crime watch, and that more cameras are in stores and public places to prevent theft.

reform	Raise the level of awareness and education while helping implement a family structure with a good father figure who bases his beliefs on traditional values.
enforce	Addison needs to crackdown on criminals by seeking them out and serving severe sentences for crime. It needs to let criminals know that they will not get away with crime and they will pay a heavy price once they are found.
reform	Determine the cause of the increase in crime.
reform	Solve whatever economic crisis is happening in the city.
enforce	put out more surveillance and police presence
enforce	Increase security and police
enforce	Spend more on policing
reform	Addison should seek to understand the cause of what's causing the increase in crime rate and address the underlying cause. For example, if there is an increase in poverty, unemployment, homelessness, etc. Addison should focus on strengthening its social safety net to better support its citizens.
enforce	Increase public cameras and increase a well vetted and trained police force.
enforce	Addison needs to put more police patrols around the city to surveillance the city.
enforce	Hire more police officers.
reform	Finding the reason for violence, and stoping that source.
reform	Look to the root cause of it.
enforce	Increased police presence & teach public safety

both	Addison needs more police officers to help combat the training. The city also needs comprehensive community-wide meetings to discuss the issue.
reform	Have more good paying jobs so people work more and dont turn to crime along with making better schools to help build job skills
enforce	They need to offer better pay and training to police officers and expand their police force.
reform	Addison should figure out the core reason that is causing crime. Whether it is due to poverty, drugs, low income, etc, finding the root of the problem is the way to solve the increase in crime.
both	Increase police presence. Develop more social outreach programs.
neither	Figure out what crime is the highest
reform	Find ways to lower the poverty rate and get more individual ownership in the community.
reform	Addison needs to start thinking of ways to reduce crime immediately as it is clear by there being an increase every year for the past three years that the crime is only increasing rather than staying the same or beginning to naturally decrease. Addison needs to create programs to help bring awareness to what is going on and, hopefully, scare some of the wrongdoers off as they feel that more eyes are open to them.
reform	gun control and stopping people from attaining deadly weapons would help to stop murders and violent crime in particular
both	put more police in the bad neighborhoods and put more money into the low income areas and education across the city
enforce	I think that in order for Addison to reduce crime they need to have more police officers available to patrol the area. They also need to give harsher punishments to those criminals that are committed the crimes to try and hopefully discourage them from future negative activists.
enforce	They need to put perpetrators in jail and KEEP them there.
reform	More police presence and gun control; having programs to educate people and keep them out of crimes

reform	First the City Leaders need to analyze the reasons crime has increased, is it economic, social or could there be a new criminal element that has moved into the city? The root cause needs to be addressed in order to stop the worsening of the situation. Next the law enforcement officials need to police and prosecute the criminals at an increasing rate. Lastly community outreach programs need to be executed so that Citizens are made aware of ways to protect themselves and their property better, so they can be part of the solution rather than victims.
enforce	Increase police presense in the city.
both	They need to institute better police initiatives and also after school and local programs to help curtail these criminal activities especially in youth.
reform	I would allocate more resources towards the justice system and education for law enforcement on best practices. I would do more community outreach asking neighborhoods to take more accountability for the rise in crime. Lastly, I would do more research on what legislative policies could be implemented.
reform	He needs to increase job availability and money available for people. Violent crime is because of lack of social structures and thief is because of poverty and social inequality.
enforce	Arm the innocents and teach them self defense and prevention techniques.
reform	Addison needs to provide resources to its residents that will deter them from going down the path of crime to fulfill their needs.
reform	Figure out what is making citizens so desperate that they feel they need to commit these crimes. Perhaps provide more resources.
neither	Based on the increase over the 3 year period Addison should try to reduce its crime
reform	Rehabilitation Centers, Police Reform, and Tighter Gun Laws
enforce	Oh man I have no idea. I think that our police officers need to go through more training, like how in other European countries they need to have a specific degree in order to become a police officer.

reform	They need to get to the root cause of why so much crime is going on in that city. I feel like they are not doing enough to stop crime but enabling it, so more crime can happened.
neither	I think it should prioritize reducing crime
enforce	Punish more criminals more severely
reform	I think Addison needs to figure out what has happened that encouraged the rise in crime rate and come up with a better system that does not encourage people to resort to violent crime.
enforce	More police in the crime areas. harsher punishment for the criminals.
enforce	Provide security to ensure that crime is reduced.
enforce	Addison needs to hire more police to patrol the streets and answer calls, especially at night. If criminals know that there are police near by and they will be caught, they will be less likely to commit a crime.
both	More police pertection and community programs
enforce	Addison needs to hire more law enforcement, create community watch programs and promote more severe punishment for offenders.
both	Addison needs to take a look at their policies surrounding crime as well as the socio-economic status of the population of the city. If socio-economic status is low, Addison should provide more services to the members of the city who are struggling with their daily lives.
enforce	Addison needs to hire more police officers to do more arrest and patrols of the streets.
enforce	I think they need to be stricter in regards to those committing the crimes.
neither	I would need more information to answer this. What kind of crimes are taking place? Where are they taking place?

neither	I don't have an answer to that.
neither	I think that Addison needs to take measures to reduce crime. It's showing that there has been an increase in the number of crimes over the past 3 years, and more specifically, violent crime.
enforce	Those committing the crime should be arrested, tried and put in prison if found guilty.
enforce	Needs to punish the criminals more and not let them off at all.
both	More police on the streets, improvements to it's outdoor lighting, and better social services since much of the crime occurs in low income areas.
both	Significantly increase citizen involvement in crime reduction strategies, and explore root causes of the crime to target solutions.
enforce	They need to be more strict on crime and punish criminals.
reform	Find the route of the problem and involve the community
enforce	Add more police patrols
enforce	Hire better trained police officers who crack down on these offenders and give harsher sentences.
both	In the short term, increase police presence. Long-term, work to alleviate poverty and improve social safety nets.
enforce	Hire more police. Go after drug cartels and illegals.
enforce	There's no simple solution but an increase in the population of the police force couldn't hurt.
enforce	Addison needs to understand where the crime is centralized, what locations, areas. What times of day. Why is crime centered in these areas? Then step up patrols and have officers check on people in that area. Be a friendly face in the neighborhood, let people know that they will be secure.

reform	I think that an investment in education, universal basic income, and Jobs programs would be helpful.
enforce	Addison needs to increase its police force so they can patrol the city streets more frequently as a deterrent to crime.
enforce	Addison needs to have better law enforcement to reduce crime.
both	The rise in violent crime needs to be combated in two directions. First off, the city needs to increase police presence and patrol. Their involvement will start off by making people feel safer. Secondly, an analysis needs to be done to determine who and/or what is causing the increase in crime. The question we are trying to answer is to determine if crime is coming from outside of Addison inwards, or if Addison itself is losing jobs and businesses, and need policies to help give more opportunities to the citizens of the city. In additional to the two, policies need to be looked at to determine if the laws are enough of a deterrent for violent crimes. If people committing crimes aren't being sufficiently punished, then the policies also need to be revisited.
enforce	Get the police presence out there!
neither	With no information about what kinds of violent crime are being committed, I would say the city of Addison needs to track more specific aspects of the crimes, victims, and perpetrators.
enforce	Increase police force
enforce	Need to establish a violent crime task force. Need a higher clearance rate for these type of crimes.
enforce	They need to put more police officers in the street to prevent crime
reform	Raise in the minimum wage to a livable income. Stop using all the tax dollars to keep the rich areas clean cut while not even cleaning the poor areas. Create a gun registry and enforce background checks. Expand healthcare and food access.
enforce	Bring more police into stop crime

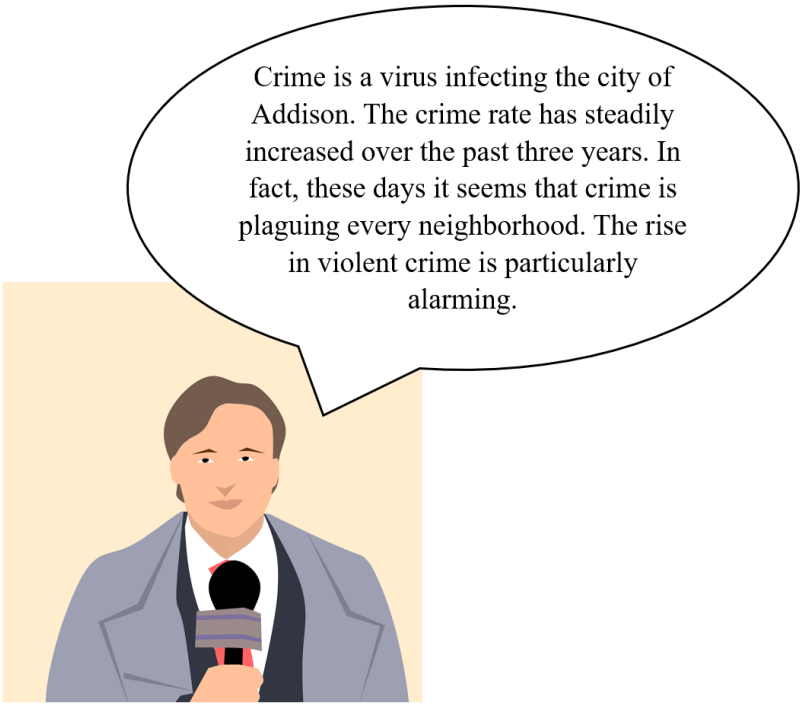
enforce	Hire more police, and make them do more patrols in the areas that the crime is high in. When you catch these criminals strengthen the sentence so people will know, this will not be tolerated anymore.
reform	I think Addison needs to work on their prison system. Give inmates a chance to rejuvanate themselves through various programs. I think the actual infrastructure of the city could help too - the neighborhoods that are especially bad could use programs as well and developments.
enforce	Arm every single, adult, citizen with a firearm of their choice. When criminals fear their victims more than the legal system for their actions, crime will be reduced dramatically.
both	Invest in local policing and also give jobs to each neighborhood.
reform	The first thing that should be done is to find out why crimes are happening. What is causing people to commit crimes more often? The answers to those questions could be very instrumental in fixing the problem at its root.
enforce	They need to hire more police officers and install cameras on the streets to help reduce the crime rate.
enforce	Ship the criminals to a third world country
both	Addison needs to add police monitoring and visibility, and also identify underlying drivers of crime (housing instability, joblessness, lack of mental health care) and support addressing those as well.
enforce	They need to increase police monitoring within the area.
enforce	They need to have more police out doing their jobs properly and train them to help the community more.
enforce	Make punishment more serious so they don't want to commit the crimes
enforce	Increase the penalties for crime and increase the amount of law enforcement patrolling the streets.
reform	First they need to figure out what is causing the increase.

both	It needs to focus on the areas where the crime is happening the most and police those areas more. In addition, find out why the problem is increasing and promote ways to help those vulnerable to becoming criminals to avoid this path.
enforce	Hire police and private security. In the community, there needs to be a crackdown on renters, with any late payers/nonpayers and other problem tenants evicted. A homeowner's association should be formed, and those who do not follow regulations should be forced to leave. It is only by getting the people to act civilized that one can clean up a crime ridden town, and by getting rid of those who refuse to be civilized.
enforce	Have more community policing, where police patrol on foot or on bicycles in the neighborhoods with the highest crime rates. Also, need to make sure that those convicted of major crimes serve their sentences.
enforce	Hire more police. Arrest more people. Make bail much higher.
enforce	i believe what addison needs to do in order to reduce crime is have more patrolling officers to keep the city protected at all times of the day.
reform	Addison needs to fund social services in order to reduce poverty and provide access to mental healthcare.
enforce	Enforce strict regulations
enforce	They need a stronger police force and heavy punishment for law breakers. The sheriff ought to deputize the citizens and issue more pistol permits for self defense. Citizens could also form neighborhood watch programs.
enforce	Public relations campaign addressing the situation. More police and tougher sentences from the justice system.
enforce	Have a greater police force that is more active all the time so that they are able to stop crime before it happens.
reform	From the write up Addison was once peaceful Over the past 3 years, crime has been plaguing every neighborhood Firstly, they need to identify the root cause of the crime over the past three years. What actually changed? Most time unemployment is the root cause. When people are idle, the tend to have room for negativity.

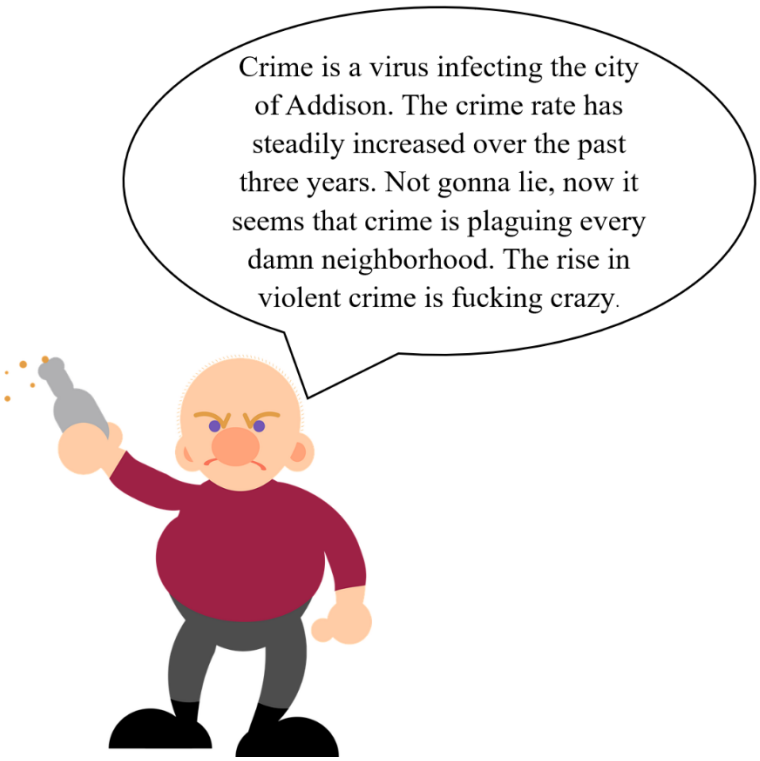
	First, identify the problem before applying means to reduce the crime.
reform	It needs a better healthcare system.
reform	Addison can find ways to protest with others or try to talk to local political leaders.
reform	Address the psychology of the citizens before they become adults. If children learn the importance of morals from stable home, friends and mentors, crime numbers over time should improve.
enforce	Realistically, a break down of blocks or wards would need to be done. From there the city would be able to see what the demographics of an area would be. Comparing those results with the suspects and arrested perpetrators would glean an essence of what parts of the city need more police activity (regardless of race of criminals), more neighborhood watch groups, and more security systems installed. City cameras (CCTV) and citizen's home/business owned cameras.
enforce	Hire more police. Enforce the law.
enforce	They need to make the punishment more severe so people wouldn't want to commit a crime.
both	Addison need to find out what is driving the crime and try to establish programs that will get the root cause, be it better employment opportunities or increased treatment for substance use disorders. In the short term, perhaps increase neighborhood watch groups and increase police patrolling.
reform	give everyone so much money a month
enforce	Addison needs to enforce stricter laws and hire more police to patrol the city.
enforce	More police presence, more city safety measures, (more street lighting, emergency buttons, etc.)
enforce	To start with, Addison needs to unleash the police. Arrests need to be made, and active police presence on the streets needs to be shown. The courts need to punish criminals as well, treating repeat offenders with particular harshness.

8.5 Follow-up study: Materials

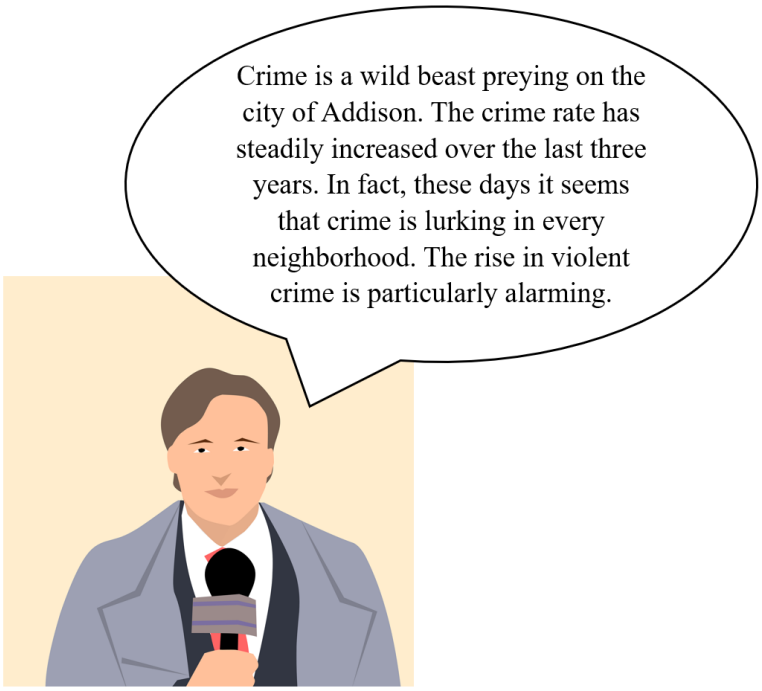
Virus, reliable speaker:



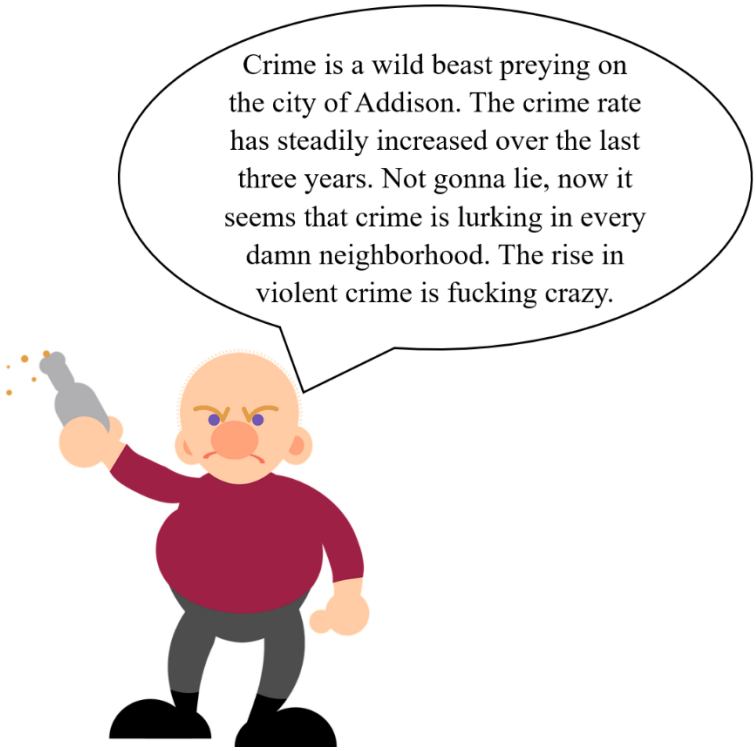
Virus, unreliable speaker:



Beast, reliable speaker:



Beast, unreliable speaker:



8.6 Follow-up study: Categorizing of responses

category	solution
enforce	Hire more police
neither	It needs to fix whatever systemic issues it has causing the crime to increase.
reform	Support social programs and initiatives that get people out of bad situations, poverty, addiction, etc. He can also join his local neighborhood watch, if one exists, or look to form one if it does not.
both	Locate the root source of the crime, and initiate public programs to target these sources. For example, if drug use is prevalent in a community, start outreach programs that target users before they begin, or help addicts safely get clean and sober. For violent crimes, increase the level of punishment in order to deter others from committing the same crime.
reform	figure out the root causes and address them. Is it drugs? Is it that people do not have jobs? what is the underlying issue and fix that
both	It would depend on the demographics especially income levels. More background is needed, but generally more policing and possibly more help for people.
both	hire more undercover police .hire more people that can educate the criminals that leading a productive way of life will be batter than going to jail.
neither	Addison needs to identify what type of crime and which neighborhoods are being impacted the most. The current statement seems like fear mongering and doesn't hint at any solutions.
reform	I'm not sure there really is a problem. The person seems a bit unhinged and unreliable, and without more information, I can't really make a judgment about what needs to change. I suspect that more community spirit and services would help in just about any situation.
enforce	Add more police.
enforce	Increase the presence of police around the city
neither	Open his world view a little broader and see what areas of low crime are doing in order to reduce it.
reform	Addison needs to invest in crime-prevention tactics, including working to help its citizens escape poverty.

both	Have better policies of reporting crime and street-lights.
neither	Review crime statistics data to see what types of crime are increasing, then implement measures aimed at reducing those specific types of criminal activity.
neither	form a neighborhood watch
neither	investigate the cause of the crime.
reform	They could increase jobs or try to supply work for youth in order to keep people out of trouble and disincentivize crime.
neither	They need to see what is causing the rampant increase and crime and find a solution to it
reform	Addison should work to identify the causes of the crimes being committed and work on helping solve those social problems.
enforce	Police need to be placed at placed of high crime.
reform	Crime has been on the rise over the last three years almost everywhere, so Addison should focus on community outreach and education as well as improving access to resources and help to those in need of it.
reform	Maybe talk to the city counsel or the mayor at town hall.
reform	to gather local people with similar opinions to make a statment
enforce	More policing
neither	It sounds like they have a bad problem
neither	It's impossible to say based on the information. I would need to know what type of crime and who/what is being targeted. There is no good answer based on what this person is saying.
reform	Introduce more programs to help those who are impoverished. Introduce more mental health options for its citizens. Have a strong network of after-school programs for children.
enforce	They need to step up law enforcement efforts particularly to fight violent crime.
enforce	Addison needs to get more cops on the street because the thugs don't fear the authorities. They need to legislate stiffer penalties for violent crime and make sure that repeat offenders serve long sentences. They need to make the punishment a deterrent to violent crime. That means they need to make sure they elect judges who don't put violent criminals back on the street. Together with

	enhanced law enforcement they can rid their community of these thugs.
both	They could increase policing in certain areas, they can also try to look at what types of crimes are occurring and try to stop it at the source, for example if there's a lot of theft because people are lower income they could increase social programs and try to improve their economy.
enforce	Make crimes punishable with no "catch and release" If you commmit a crime you can't have bail
reform	Addison needs to look at the root causes of the crimes that are being committed in the city. Is there rampant inequality, high unemployment rates, and divisions among its citizens?
enforce	Be more aware of the times crimes happen and add more law enforcement around that time.
enforce	Well, I sound a lot like current run democratic party run cities in the United states like, San Francisco CA, Portland Oregon, and Detroit Michigan or Chicago Illinois. First I would get rid of of all the current leadership who cowed to terrorists/anarchists who decided it was a great idea to defund the police and did so. Then I would elect/replace such leadership who have the heads on straight, and re-instate a new police force that is tough on crime, with a new city District Attorney (DA), that feels the same way. that is not an in bred woke miscreant, and has a solid record of prosecuting criminals and holds them responsible for the crimes they commit.
enforce	In order to reduce crime, we must look at the root cause of what is causing the crime to begin with. In some cases, violent crime can be prevented by increasing police presence in the community. Response times are critical when situations escalate to become violent. Increasing penalties for committing crimes can also be a deterrent.
neither	everyone should be aware about the crime.

both	One way to start would be to increase policing, that might help with the immediate problem. However, providing education and job training opportunities can help reduce crime by providing individuals with the skills and resources they need to become productive members of society.
enforce	Crack down on harder punishment and install curfew
both	Arrest criminals and aid in social programs so people who may commit crimes do not need to do so.
neither	Reduce violent crime
reform	Addison needs to figure out what is the cause to the crime rising in the past three years, it can't just be a coincidence. Find the cause, have the effect, and figure out a soultion.
neither	Prevent violent people from committing crimes
reform	He needs to find the root cause.
reform	Invest in education and social services.
reform	Petition his local government to take action.
reform	Determine what s causing the increase, then stop it.
reform	Find ways to help people with food, shelter, and mental health needs.
both	Find the balance between repression and prevention.
enforce	Increase policing patrol
reform	Implement programs that will help people get off the street by helping them find jobs or housing.
enforce	They should make sure that things are monitored in the community and that law enforcement is ready and trained to deescalate and take action when necessary.
neither	Provide more statistics on the crime rate and also use proper grammar.
reform	To increase the aspects of receiving jobs and wealth whilst also better training police and offering places for people who need it to be rehabilitated
enforce	Better training for police, fix up the city
enforce	catch the crooks and keep them in jail
neither	Encourage community participation among it's citizens for the creation of a neighborhood watch.
enforce	Institute a city police or security outfit to watch the city

reform	They could create community outreach programs to help people feel pride in the city that they live in. If they feel pride and a sense of community they may want to protect it and keep it crime free.
enforce	Addison needs to increase police presence and have severe consequences for offenders.
enforce	Be stricter on repeat offenders, establish a mental health facility and have more cops patrolling.
enforce	Review the current policing policies and the enforcement of laws.
neither	Move to another place.
neither	Figure out what crimes are common and in which areas.
reform	The City of Addison should first review crime statistics to see how they compare to informal feedback from this resident. Once they have have identify they types and frequency of the crimes they can begin a remediation plan.
reform	Move away from the focus on poverty, focus on gun control.
enforce	Have more cops
enforce	They need a larger police force
enforce	I think more cameras would be helpful as well as organizing neighborhood watch and reporting efforst.
enforce	Increase police presence
both	I'd say clean up the neighborhood, get jobs and shops and gentrify the neighborhood. It needs community based policing and input from government officials, police and citizens.
neither	Addison needs to stay away from the source of crime by not holding alcohol in his hands and drinking (or a molotov) and instead ask other people not to drink either.
reform	Invest more in education and rehabilitation for prisoners.
enforce	Be tough on crime and the causes of crime.
enforce	Put more patrols in the area.
enforce	It needs to increase its police force in order to prevent crime rise.
neither	See violence as a priority.
enforce	Addison needs to have a sufficiently staffed and not understaffed police force and judges who will hold criminals accountable for their actions and not keep them from punishment that the law calls for if found guilty of their charges.

enforce	Start off with asking what the police force is doing with their time if one exist. Plot what crime is happening the majority of the time and focus on that fix quick.
enforce	Hire additional police officers. Install surveillance cameras.
reform	Rampant crime at the heart of it comes from unrest of the people. That unrest can come from lack of basic living essentials, political concerns, unfair treatment and the like. Fix those things and the crime will go down.
reform	Give opportunities that make people's lives better so they don't feel the urge to turn to crime
neither	Establish some neighborhood watch programs to start.
neither	Collect data to determine levels and areas of concern.
enforce	Addison needs to hire more police officers and study what mechanics are contributing the most to the crime increase.
enforce	Addison needs to ensure a tighter and strict punishment for those who offend and commit crimes
enforce	More police
enforce	The need to increase security patrols and police visibility in the town of Addison
reform	Raise taxes on the wealthy and use the money for services for the disadvantaged and poor
enforce	Addison needs to increase its police force.
enforce	It needs to increase its police force in order to prevent this problem from getting worse.
neither	No idea.
reform	Find out why the crimes are being committed and seek to prevent those circumstances from happening again. You don't stop crime by punishing the perpetrators, you stop crime by preventing it from ever happening.
both	I think there should be more funding for social services, as well as an increase in resources for law enforcement to be more effective.
enforce	Hire more cops with "fatigue" and allow them to "do what they need to" in violent neighborhoods.
neither	I don't know. Purge it via neighborhood watches.

neither	Honestly, I don't know which state this city, Addison, is located. He is talking about crime, and I am wondering if Addison is speaking from state a that has legal marijuana. Usually when a state has legalized marijuana, the cartels stop providing the marijuana and will instead focus on smuggling fentanyl. In other words, it is good that our citizens are now currently purchasing marijuana legally and pay taxes by doing so! The only downside is that even though we no longer purchase marijuana from the Cartel's, that they still ship dangerous fentanyl into our country.
enforce	Have leaders who are tough on crime.
neither	Eliminate blighted housing.
reform	Addison needs to encourage its people to go to church. They need instruction on how to live right. They need to teach their children how to be loving, kind, generous, honest, respectful, good, and how to have self-control. There is no law against having these qualities. These people need to learn to be content in all circumstances and how to look after the needs of their neighbor as much as their own needs.
enforce	increase amount of police officers on the streets, arrest more people, longer jail times
enforce	Use stricter punishments to deter crime.
reform	Do research to find out the reason for the increase in crime.Then act accordingly.
enforce	Put the criminals in jails by updating and increasing the police force. Also get a neighborhood watch program started where civilians get involved with informing the police and providing video evidence of crimes for the courts. Install video cameras with high quality video capabilities in high crime areas to gather evidence against perpetrators.
enforce	Get more police presents in the neighborhoods experiencing the crime.
enforce	I think that Addison needs to acknowledge the rates of its crimes and properly train and deploy police units around the neighborhoods in order to discourage further crime.
enforce	I think it needs to be tougher on crime or get more police.
enforce	the government and the security agencies need to make strick laws that can reduse the crime immediatly. the can also declear a stete of emergency at rhe moment.

reform	Addison needs to do a lot to arrest and change the situation. First, the security of the city needs to massively increase, welfare and quality of living must increase and the need to be a sharp decrease on inflation.
enforce	People should have more security cameras and locks in their homes. Maybe they should have something to defend themselves with as well.
enforce	1. Allow open carry so citizens can fight back. 2. Enforce current laws, including jail time.
enforce	Increase surveillance to deter criminals
enforce	Hire more cops. Citizens need to start neighborhood watches.
enforce	Go and protest in front of the police station to have them enforce the laws better.
both	I think Addison needs to increase the police presense on the streets, but also do more to prevent crime. A gun buyback would be a good idea. Also, some social programs to help at risk youth would help reduce the number of criminals. This could be paid for by a slight increase in taxes.
reform	Have a genuine need to care for people.
enforce	Increase policing to prevent violent crimes.
reform	Pressure the municipal government to direct more funding to public services and away from militarizing police, which has been shown to reduce crime
enforce	Reinforce its police force by hiring more officers to patrol areas in the city.
reform	I think they need to get the citizens involved and have a trusting relationship with the citizens and the police
reform	Neighborhoodwatch. More reform programs
enforce	Addison needs to beef up security in the area and also met out harsher punishment to those who commit the crimes to deter others from doing same.
reform	They need to create more jobs for people.
reform	Addison needs to vote in the right people into public office to change the policy that will result in better crime control.
enforce	More police
reform	Do a study to find out what is the cause of the rise in crime and find out what has worked in other cities to reduce crime

reform	Addison sounds like it may need some anger management courses or a be kind program. This man sounds disgruntled and looks drunk. Maybe more programs for alcohol abuse.
neither	Need to set up neighborhood watch cameras
enforce	hire more cops
enforce	Add more police force to the city.
enforce	more policing and harsher sentencing
reform	Determine the root cause of why people are committing crime and fix that.
enforce	Deploy more law enforcement.
enforce	Increase police funding which will allow an increase in patrols decreasing crime hopefully. Increase penalties assessed to criminals, specifically have penalties on the more severe side of the sentencing ranges to discourage would-be criminals. Prosecute more minor crimes that they potentially were releasing for in the past. Tighten gun laws in the city if that is what the violent crime is referring to. Overall just examine what has changed in terms of policing and sentencing compared to 3-4 years ago and try to adjust and re-create 2018.
neither	They need to figure out the exact crimes and how to combat them, like for example things such as stolen property or home invasions.
enforce	Addison needs to increase police and security patrol in and around the city to guard against crime
reform	It's impossible to say without any type of true background information. I definitely do not believe the police force should be funded though if that's what this is getting at. I believe the money needs to be invested in community programs.
reform	Create a universal basic income program for the city so that all citizens have access to enough money to live.
reform	Anything that helps with the desperation of a community will help crime. Fund and build schools and vocation centers, provide open and aesthetic public spaces, implement a citizen's dividend, or using police funding to hire and train social workers and mental health professionals are all ideas.
reform	Addison should first address poverty and make sure that everyone is having their basic needs met.
reform	It's a complex issue. Addison needs to study the crimes and determine root cause as a first step.

enforce	Probably needs more police out and about enforcing the law. More awareness and communication with the public on how to report or keep yourself safe.
enforce	Hire more police, let the police do their jobs, punish criminals, and look out for each other.
enforce	Use a neighborhood watch, get to know the community to see if strangers are lurking by, carry a weapon, phone the police of suspicious activity.
reform	They need to invest more in education and social programs to assist low income families.
enforce	Reducing crime in a community requires a multi-pronged approach that involves a range of strategies and initiatives. Here are some potential strategies that could be effective for Addison: Increase community engagement: Encourage community members to be involved in crime prevention by fostering relationships between residents, businesses, and local law enforcement. This could include initiatives such as community policing programs, neighborhood watch groups, and community events. Improve lighting and security measures: Adequate lighting and security measures can help deter crime and make people feel safer. Addison could invest in improvements to street lighting, install surveillance cameras, and increase patrols in high-crime areas. Target high-crime areas: Identifying and targeting high-crime areas can be an effective strategy to reduce crime. This could involve increased police presence, more frequent patrols, and targeted enforcement efforts.
enforce	harsher punishments when the law is broken and have camera's
enforce	Harsher punishments for criminals. Higher fines and longer sentences for every level of crime. Also death penalty for anyone convicted of murder or rape
reform	Figure out why crime rate has increaded

both	Addiso (Addison, Tx???) would probably need to start by increasing police patrols in problem areas, helping people and businesses increase their own personal security, and try to figure out WHY this increase is happening or what attracted crime to the area.
reform	Engage the community in ways that leads people to things other than crime
enforce	Have more police walking the streets, and increase the penalties for crime to act as a deterrent.
neither	It probably does need to in reality
enforce	More police in problem areas, encourage citizens to call police if they see a crime being committed
enforce	There are laws against crime and they should start being strictly enforced. There should be no progressive policies toward crime. Criminals should be in jail and they should stay there. Start giving the maximum sentences and do not let criminals out while they are awaiting trial.
enforce	Addison needs to increase and strengthen security measures to control the crime rate
enforce	Become Batman and fight crime and get cool side kicks
neither	Not sure because it’s not a simple issue
enforce	Work closely with law enforcement on efforts such as citizens' crime watch and research specifics on actual crimes and locations and develop strategies to reduce crime.
reform	Speak to their local representative and/or news station to get attention to this issue.
neither	The best solution Addison could put together is to gather a meeting with the neighbor who are interested fighting crime in the neighborhood and do a fight the crime march on regular basis for set of days or month to fight the crime march. This method will work and brng the crime down to almost none.
neither	Focus on himself
reform	Start a protest against it
enforce	First, hire more police officers to increase patrols throughout the neighborhoods. Second, get an organized Neighborhood Watch started.
enforce	Increase the police force and make more patrols in the community. Also make sure prosecutors bring criminals to court and not let them off will little or no punishment.
reform	Help poor people

enforce	I think that addison needs to set a curfew for the city. Also, I think the city should make example out of people with longer jail time sentences.
reform	Addison should reach out to its residents to learn about what's happening in their neighborhoods and to ask for their suggestions about how to deal with the problem. I would be hesitant to throw more police resources at the problem without learning about what's really happening. I would also recommend looking at underlying causes, such as mental health issues or poverty, and then work toward addressing those first.
both	Increase lighting. Increase patrols. Have residents keep their porch lights on. Encourage community watch groups
enforce	Strict law and punishments for offenders
neither	yes, crime is rising
reform	More social programs
enforce	Increase policing
both	Increase police presence and look at what is causing the increased crime rate to work toward effective policy that helps reduce crime.
reform	Understand whether it has increased, and if so why, and address accordingly.
reform	First thing Addison needs to do is investigate the reason for the rise in crime. After that, it will be more clear what needs to be done.
both	Addison has to issue a curfew or quarantine to minimize the increase rate of the virus
reform	Increase patrols around the city and also set up life services such as mental health check ins. Provide support for people in need.
neither	It seems like they may need to calm down a little bit. They probably have a lot of problems between citizens, because the attitude seems to be very negative.
enforce	Let's see, I'm not in public policy and have only limited information here. I suppose I'd increase the police presence and make residents more aware of the steps needed to prevent crime, such as awareness of surroundings, using caution, carrying mace, etc.
enforce	Add the presence of more police personel.
enforce	Addison needs to increase police presence in the neighborhoods that are dealing with the increased crimes.
enforce	More police, well trained police.

enforce	More law enforcement presence
enforce	More police presence, increased patrols, harsher penalties.
enforce	Increase police patrol and put the criminals in jail.
enforce	Have more police patrols to detect crimes and make criminals feel they're less likely to get away with them, more and better police investigations to solve crimes and have perpetrators punished for them.
neither	I doubt it. The person seems to be using too much hyperbole.
enforce	I think Addison needs to have their police force focus on patrolling very often in the areas where the crime is prevalent. They should also have a larger police force and enforce strict punishments for offenders of violent crime. There should also be neighborhood watch in every neighborhood where crime is bad and have incentives for the citizens that participate in their neighborhood watch. There should also be incentives for any resident who reports any criminal activities they witness and create awareness with various forms of advertisements around Addison. Local businesses should also assist in reducing crime by hiring security guards where the crime is prevalent as well. Creating awareness for needed donations to the city should also help with hiring more police officers and purchasing cameras to place all over the city. Signs should be posted that make potential criminals aware that they are being recorded as well. Residents should also get free home security systems in the worst areas and having guns for their defense should be suggested along with offering them free gun safety classes. There should also be a shooting range that offers free lessons on using a firearm for self-defense. Also if a citizen is opposed to having or using Guns, there should be self-defense classes available for various fighting skills.
enforce	Increase funding to fight crime.
reform	Increase opportunities for impoverished areas.
reform	Addison must work to make all anti-crime resources and structures are in place, fully staffed with competent workers; attend to sodial conditions like homelessness and mental health; convene multiple public meetings to discuss the issue of crime and get input from all citizens.

reform	Addison can reduce crime by coming together more as a community and rooting out the root causes of the crime in the first place, from improving the standard of living for all residents, to rooting out known bad actors in the community.
enforce	Addison needs to increase it's police force to provide additional coverage and visibility to curb crime rates.
enforce	Add more police presence to neighborhoods.
enforce	Increase police presence in the neighborhood.
reform	Quit drinking and maybe call his city government representative.
enforce	The need to enlarge the police force to get more officers on the streets. Their presence alone would be a deterrence, but having offices around just to engage with and get to know the citizens of these areas can also have a positive effect.
reform	To reduce crime in Addison, there are several steps that can be taken. First, the city should invest in more police officers and resources to increase patrol coverage and visibility in high-crime areas. Additionally, the city should work to improve communication and collaboration between law enforcement and community members. This would help to build trust and foster a sense of safety in the city. Finally, Addison should invest in violence prevention initiatives such as mentorship programs and education initiatives to help reduce crime.
enforce	hire more police officers
reform	More policing and stricter punishment; more mental health services; more job opportunities
reform	They should try to figure out what is the cause of crime. For example, if people are committing crimes because of economic factors, then those in charge can try to find ways to increase the money available to its citizens.
reform	Invest in poor communities, so they have better mental health and resources and don't have to turn to crime to survive.
reform	Hire more police, get better judges that prosecute, teach the criminals that this behavior is not tolerable. jail time on first offence, do not release until time served.
reform	Better policing and better citizen programs (neighborhood watch).
neither	nothing

reform	Enforce the law and start arresting more people. HIre more police.
enforce	Depending if Addison has enough police or not they might need a bigger force or they may need more security cameras around the town. Are there bright lights in certain parts of town?
enforce	A combination of increased police presence, harsher sentences for violent offenses, as well as programs to rehabilitate the criminals.
reform	Addison needs to increase mental health and community outreach options and make them more readily available.
neither	there really isn't enough information about the city to really say what caused the problem in the first place.
reform	Addison likely needs to address socioeconomic issues in the long-term, like housing and job creation. In the short-term, it likely needs to help those who are homeless, crack down on illegal guns (or illegal use/storage of legal guns), and increase police presence.
neither	HE NEEDS TO RELOCATE
enforce	Addison needs to hire more police officers.
enforce	Educate people to be aware…lock doors, be aware of surroundings. Hire more police and form neighborhood watch groups.
neither	People who know how to not cuss.
enforce	The crime needs to be reduced by having a police patrol on a regular basis.
neither	The specific mention of crime lurking in every neighborhood brings to mind the Neighborhood Watch idea. Perhaps the citizens in Addison could rotate someone in each neighborhood to be on the lookout for troublemakers.
enforce	This is a multi level approach. They need more police, they need much tougher laws against crime, they need lawyer's, DA's Judges, etc to not let people off so easy and let repeat offenders off.
enforce	A police presence
enforce	Identify the times, places, and types of crime occurring more frequently. Step up cameras and police presence in theose areas. perhaps do a community watch event, too.
enforce	they nee to increase police patrols and make sentencing harsher. Loosen their gun carry law for citizens.
reform	They need to provide better resources

neither	First it needs to establish what the actual crime rate is and what crimes are of issue. It can then consider if any action needs to be taken. And focus those actions on specific concerns if needed.
enforce	Hire more cops
reform	It's hard to say without more information. Crime is usually correlated with poverty, so it's likely that Addison needs more government intervention to increase the amount of wealth there to reduce the crime rate.
enforce	They need to have a curfew or have a bigger punishment for crimes.
both	They need to determine what the source and driver of the crime is. They need to then determine if it's crime that police can handle or crime that needs to involve social workers.
enforce	There should be enough security system to protect the city.
reform	I believe the community of Addison needs to band together and host events and programs to improve the lives of people in Addison
enforce	Hire more police and put more criminals behind bars.
enforce	Addison needs to fire and replace cops with people who won't enforce leftist laws from taxes to seat belt laws to gun control to arresting christians for going to church during Covid so the police can focus on stopping actual crime like rape, murder, vandalism, robbery, and etc. By cops stopping their focus on revenue generation and enforcing the war on drugs, they can have the manpower to properly patrol the city and deter real crime. They can advise local residents on any things that makes their properties attractive to thieves. They can encourage citizens to arm themselves and be ready to defend themselves and their properties. If policing is geared toward empowering homeowners and citizens and not enforcing leftist laws which criminalize freedom, policing can be more effective.
reform	First off it would be nice to have more even minded and less profane people involved. Also people that seem to be less drunk. All of them need to return to the religious background of the founding of the country. Addison has a sin problem...the crime is just a symptom of the disease.

reform	Work on lowering the unemployment rate as well as offering job training. Additionally more support for lower income brackets could help, as well as increasing police patrols.
reform	Addison needs to hire a public relations/crisis consultant and start holding town hall meetings where the public can *respectfully* voice their concerns. I have no idea how real the crime problem actually is because I don't give "Not gonna lie" guy a lot of credence.
reform	Get all the blacks and mexicans outta the neighborhoods
reform	Universal basic income.
both	This is really difficult to provide any meaningful solutions to when there isn't any context to what kind of crimes are happening or what is or isn't being done about it currently. Generally, more security personnel and security cameras wouldn't be a terrible start in most cases. But you'd need to find the root cause of crime to really make big differences.
enforce	It needs to lock the criminals up and keep them in jail. Stop letting them out on bail. If you keep letting them out them will keep doing crime.
enforce	To deploy more police men on the streets of Addison
enforce	Cameras need to be installed especially in high-crime areas. Assistance from the state should be sought to increase the safety budget and police force.
enforce	have more cops on the streets and a neighborhood watch program would help
both	If the city of Addison has the funding, I think they should increase their police enforcement. Improve training police training, and upgrade police tech. In addition to this, I think there should be programs set up to help its citizens get jobs doing constriction and city workers, to lower unemployment, this will have a ripple effect on crime as well. I would also suggest more funding into after school programs for children, and teens.
both	The city managers need a meeting with the police force and put in some programs that will lessen crime with suggestions from the public.

both	Addison needs to increase street lighting, security guards (on businesses) and also increase police surveillance in areas that are having crime issues. If the crimes are fueled by something in particular like drugs and/or unemployment, then increasing social services could help as well.
enforce	Make laws agaist the various crimes and use the police to enforce the law
enforce	There should be a greater presence of the police and imprisonment for at least 2 years for anyone who breaks the law
reform	Implement a universal basic income so the citizen's basic needs are met. Most crime stems from financial desperation.
enforce	Add additional police.
enforce	Invest more in your police force. Heighten their morale and hire more to handle the calls
reform	Community Involvement
reform	compare the differences of what is happening now and what was happening before 3 years to the increase in crime and address the discrepancy
enforce	Addison must implement preventative measures, which means increasing police patrols and also involving citizens in watching and reporting suspicious activities. In addition, those caught committing crimes must be incarcerated for a long period of time, to take that small percentage off the streets.
enforce	community policing, getting the neighbors involved in the overall solution, because they have the biggest stake.
reform	I believe that the city needs to focus on providing economic opportunities for its residents. Having a stable income can reduce their chances of turning to crime.
reform	create more jobs, programs and oppurtunities for the people living in poverty. It seems most people turn to crime because they have no other option so lets give them another option.
enforce	Increase police presence and have tougher consequences for crimes.
both	I think Addison needs to improve it's police force and also look at proactive ways to prevent crime from happening in the first place.
both	Invest in Police force and in social welfare programs

reform	Find out what's causing the increase and deal with it.
enforce	Step up the enforcement of all laws not just a few. Hire more police instead of defunding them.
enforce	For one, we don't know the validity of this statement. But having a police presence actually walking beats is effective, and creating neighborhood watches.
enforce	more police
reform	Addison may need to increase funding of mental health programs.
neither	Take action and find ways to stop crime
enforce	Hire more police to patrol this area.
reform	Getting tougher on crime has not been effective in the long term but might have some impact in the short term. A sociological explanation of crime suggests the need to focus more resources on the social roots of crime in order to prevent crime from happening in the first place.
both	You guys need to invest in mental health programmes.. ..And, mental facilities. "Asylums," if you will. You will also need to increase your Law Enforcement ranks.. ..And, you know, install more Hi-Def, tamper-proof cameras around. If you can't afford any of this, then be prepared to have more of your people, either, move far away or be killed.
enforce	Addison can start a neighborhood watch, working closely with the police.
enforce	I think a strong legal system needs to be formulated.
enforce	Employee more police officers
neither	I don't know, trying to address large scale issues is a waste of time. The worried citizens should just move.
enforce	Lock the doors and arm himself.
enforce	Increase police patrols, ask citizens to form watch groups.

reform	Addison needs to invest more in crime prevention and intervention programs, such as those that focus on early childhood education and job training. The city also needs to invest more in community building initiatives, such as those that bring together law enforcement and local communities to strengthen relationships and foster understanding and trust. Lastly, Addison needs to prioritize and fund initiatives that provide better access to mental health and substance abuse services, as these are often underlying causes of criminal behavior. For instance, the city could allocate resources to creating a dedicated mental health hotline and providing training to police officers to better recognize and respond to mental health crises. This is similar to treating a disease - you have to understand the root cause and develop an effective treatment plan to address the issue, rather than just treating the symptoms.
enforce	I'd say that the current police force needs to rethink its strategy of deployment during each shift. Apparently they're not in patrolling high-crime areas enough.
enforce	I THINK A BETTER POLICE PRESENCE WOULD BENEFIT ADDISON. I ALSO THINK A NEIGHBORHOOD WATCH MIGHT HELP
neither	stop listening to police inflate statistics to get more money
neither	Get a new reporter! Too many opinion words were used in the report to scare people.
reform	Vote!
reform	Probably Addison will need to create more jobs for its people
enforce	Increase police presence and patrol frequency as a deterrent, as well as increase penalties for crimes (jail time).
enforce	Maybe Addison needs neighborhood watch program and to increase police presence in certain areas where crime is more known.
enforce	Increase the number of policemen and conduct community policing.
reform	Addison needs to assess the causes and conditions that have lead to this point in the city and it's issue. Probably a committee is not the best answer? I don't know what they should do but I wish them the best of luck :(Wish I could do More
reform	Increase community services so people will commit less crimes out of need.

enforce	Buy a gun and if you see someone doing something horrible help defend the city
reform	Addison needs to improve its education system so that children are taught to solve problems rather than create more through crime.
enforce	In my opinion, to reduce crime in Addison, the city needs to take a comprehensive approach. This may include increasing police patrols in high-crime areas, implementing community policing programs to foster trust between police and residents, and investing in social programs aimed at providing alternatives for at-risk youth.
enforce	I think Addison needs to station officers in high traffic crime areas and increase the penalty of those crimes.
reform	Keep violent criminals out of society
enforce	Needs to get tougher on it, and increase police presence
reform	Help people out of the economic conditions that make them turn to crime to begin with
enforce	I think they need to catch more criminals, if crime is really happening in every neighborhood then either the police are underfunded and don't have enough officers out in the public or they are lazy and cashing in an easy check.
neither	Have some kind of neighborhood watch
enforce	i think it is a multi step solution to solve the rise in crime. they should enact community policing so a police presence is shown in the community. they would also benefit from neighborhood watch programs. furthermore, there should be stiffer penalties and those penalties should be enforced
enforce	Having a visible police presence in high-crime areas can help deter criminal activity, and community policing efforts can help build trust and collaboration between law enforcement and residents.
neither	Start a neighborhood watch patrol.

reform	That depends on the objective situation in Addison, rather than this person's clearly bitter, biased and subjective perspective. It also depends on what type of crime is becoming more common or is common in general. In general, crime is often connected to socioeconomic factors like poor job availability, low availability of extracurricular or recreational activities, and poverty and the economic situation in general. For instance, if the rise in crime is particularly prevalent amongst youth, it would be prudent to: A) build systems which help disadvantaged and at-risk youth and B) create opportunities for youths to engage in after-school recreation or other extracurricular activities.
both	Have cops walk the beat, encourage better lighting in public areas, and force teenagers into after-school programs.
enforce	Addison needs to increase police presence and gentrify the bad areas. This forces some of the criminals out and will reduce crime
reform	Crime is a result of poverty and lack of opportunity. The only real way to address it is to implement massive changes that bring about a healthier local economy. There's no quick solution, but the first step is investing in a quality education system of which everyone has access to.
enforce	Community Policing
enforce	deploying harsher punishments.
enforce	Start a neighborhood watch, have more patrols in the crime areas.
enforce	I am not sure what Addison needs to do to reduce crime. Maybe they need to hire more police officers to patrol. Or enforce stricter penalties for crime. Perhaps they need to petition to become a Constitutional Carry state.
reform	Find ways to create programs that help those communities have a stronger bond to help lower crime.
enforce	Hire more police to be more present and make sure to prosecute crimals when they are caught
enforce	It needs to have a stronger police department
neither	Create a community crime watch where other’s work together
both	Create a neighborhood watch program and empower the citizens to protect their neighbors. Also provide meaningful jobs for the citizens
reform	Reduce poverty

enforce	Addison needs to be reinforced with more officers.
reform	Identify the source of the crime and address it.
enforce	They need to increase police protection and visibility. Neighborhood watches having people looking out and reporting crimes should increase.
reform	Addison needs to address income and job opportunities for residents to deter he need for violent crime.
enforce	They should look and see what the crime statistics and see what type of crimes and which areas they happen. They could then look at adding additional police patrols in the area during the times that crime is higher.
enforce	increase police patrols and get community involvement
enforce	In order to reduce crime in Addison, the city should focus on increasing police presence, providing funding for crime prevention initiatives, and investing in community programs that aim to reduce poverty and inequality. Additionally, engaging with residents to build trust in the police and implementing policies that target the root causes of crime should also be considered.
enforce	Addison needs to increase community policing.
enforce	Enact stricter laws and employ more police to monitor the neighborhood.
enforce	I think there is a genetic component to criminality, and so I would sterilize repeat offenders of serous crimes who we had failed to rehabilitate. I would also separate these people we couldn't rehabilitate from society and put them in penal colonies. The very worst would be painlessly executed.
reform	Have more policemen driving around, have former prisoners talk to junior high and high school students about staying out of trouble, mentorship programs, neighborhood watch groups
enforce	I would want to review the police coverage and compare it to when and where these crimes are occurring. There needs to be a discussion and plan for directing resources to the crime areas.
reform	Vote at his local elections
enforce	Increase police enforcement.
enforce	It depends what type of crime we are talking about but having a greater police presence in general might be a good start.

enforce	They need to get tough on crime and increase police presence.
enforce	Addison needs to hire more police officers and have them take an active approach in attacking the sources of the crime.
enforce	Have more police officers patrolling neighborhoods.
enforce	Increase spending on police and lock up violent criminals.
enforce	Either increase the penalties associated with the crimes or have more police officers on patrol.
enforce	Double police presence.
reform	They probably need to look into what the source of all the crime is and what types of crimes are being committed first. Then, maybe add additional security measures or work on helping the criminals reform.
enforce	Get more police officers and based on the picture cut down on alcohol.
reform	Ban the use of firearms
enforce	better training for police
enforce	It needs to increase police presence with more patrols. It needs to get community invovlement through neighborhood watch programs and "see something, say something" initiatives. It also needs the justice system to hand out stiff sentences. Oh, and targeting known criminals and arresting them for any minor offense that will send out the messsage to criminals, you're not wanted in Addison, so leave.
reform	Crime is every neighborhood is alarming and need to station the police and undercover agents to stop and get the real problem behind it. Is this raising due to some religious issue or unemployment? Majority of time Unemployment is the reason behind it so would suggest state/county to start initiative to employ people in some community work with at least minimum wages.
enforce	Increase the amount of law enforcement present.
reform	Addison needs to get into a anger management program and stop drinking.
enforce	to get more police

reform	Work with community leaders to address the root causes of crime. This can help to prevent crime from happening in the first place. Invest in education and job training. This can help to reduce poverty and unemployment, which are two major factors that contribute to crime. Investing in social programs. Studies have shown that investing in social programs, such as education, job training, and housing assistance, can help to reduce crime. These programs can help to lift people out of poverty and provide them with the resources they need to succeed. Provide social services for at-risk youth. This can help to prevent them from turning to crime.
enforce	1. Explain this to the citizens to be aware and call the police, if they see anything suspicious. 2. Train the police to take care of violent situations without being violent themselves. 3. Have sufficient number of police available.
reform	THE CRIME ISSUES IS BIG PROBLEM IN THE UNITED STATES AND IN MY MIND THE BEST WAY TO DEAL WITH THIS ISSUES IS TO FOCUS ON THE EDUCATION OF YOUNG PEOPLE. PROVIDING A BETTER EDUCATION IN AREAS WITH HIGH CRIME RATES WILL OVER TIME WORK AND PROVIDE EACH CHILD A CHANCE TO LEAD A LIFE THAT DOES NOT CONSIDER BEING VIOLENT.
both	Neighborhood watch, form groups and watch each others property, use non pepper spray and non-leathal to detur criminals from the area.
reform	To reduce crimes, they need to work with people to find out how they can be protected. Also up the amount for surveillance available for the public and private places where crimes happen. And have a route for offenders to get rehabilitated properly.
reform	Figure out the root of the violent crimes. That must be solved before the crime can be reduced.
neither	He needs to stop complaining and come up with some concrete ideas to stop crime in his neighborhood.

enforce	Addison needs to increase police presence in town.
both	Depends on the source of the crime rise. Increase law enforcement and devote resources to creating a new culture. If the issue is redneck culture either white or black there is not much hope but to convince them that the majority culture is adaptive and and to adopt it. Redneck culture should not be celebrated but shamed
enforce	Addison needs to enforce its laws. It needs to increase the number of police officers that it has. And it needs to increase the sentences of convicted criminals.
enforce	In my opinion they need to have more police present
enforce	more cops
reform	It needs to find what's happening in neighborhoods and investigate the problem thoroughly.
reform	Should help the community teach the youth and kids ways to make legit cash
reform	Addison needs to adjust the root of the issue. Are there socioeconomic issues? Is the crime particularly committed by these groups? If so then establishing community outreach groups to help these groups realize there is a better way of like than a life of crime.
reform	Crime is generally a problem associated with poverty. Addison needs to help its poorest citizens in order to reduce crime.
reform	I don't know what he needs to do to reduce crime. Maybe make the community more friendly by doing things together.
reform	In order to reduce crime, people need money. Provide more jobs and you'll see a decrease in violent crime.
enforce	More police patrols.
both	Addison will need to increase the effectiveness of its law enforcement by both employing more officers and training more skilled new ones. In addition, Addison will need a better educational system to keep kids from entering into a life of crime, and incentivizing them to do something more beneficial for them.
enforce	set up neighhorbood watch teams to make sure crimes are not committed or increase the presence of police in these areas

reform	Look into economic opportunities to divert the attitude that one needs to steal or rob (if that is part of the crime problem), address any economic inequalities, increase street lighting or even add public surveillance cameras particularly in the high-crime areas, meet with the community for feedback of concerns and solutions such as forming neighborhood watches, increase police presence, form youth organizations to teach young adults marketable skills or divert tendencies to be wayward
enforce	Step up police presence. Begin neighborhood watches. Have tip lines available. Enforce stricter sentences on criminals.
enforce	To make stricter laws and put patrols of law enforcement on the street
both	They need a multi-pronged solution, as one idea will not stop something, as big, widespread, and complex. They may need legislation changes, neighborhood crime watches, and changes in policing.
enforce	First Addison should find out if there has been a rise in crime over the past three years. If their has they should think of ways of addressing it such as adding more police. Addison should also review the ways it has been dealing with crime if there is a growing problem.
enforce	Addison needs to have extra police patrolling. Have their residents be hyper vigilant and be on the look out for suspicious behavior.
reform	Have more social services available to people
neither	The city needs to study the situation and see if the claims of a rise in crime are true.
reform	Addison needs to increase policing, plus address any social problems in the area. Suspects with a criminal record, or in a more severe case, should not be released on little to no bail. Security cameras should be increased, particularly in the most common areas for crimes. An education program should be offered on how best to protect your family and possessions from criminals, using legal means. Neighborhood watches should be implemented, within legal guidelines.
reform	invest in the poor to help them get through life, steady pay, gun restrictions. better mental health servcies
neither	The city of Addison needs to collect and compile data to verify these claims of increased crime rates.

reform	I think Addison needs to add more helping programs for the people who have turned to violent crime to get them the help they need
reform	the city should invest in programs that encourage an increased sense of community and social responsibility. This can include initiatives like after school programs and job training, which can help to reduce the incentive to commit crime.
reform	Citizens need to start holding each other accountable and also look out for each other more. I feel the more unity their is within the community the easier it will be to lower the crime.
both	Increase community outreach and increase police presence in problem areas.
enforce	Put more police on the streets and increase the Police Departments budget.
both	Increase security on homes and businesses, increase Crimewatch participation
enforce	Have more law enforcement
reform	Increase police presence and install better lighting and cameras on business and streets. They also need to address the issue of poverty and housing insecurity. If people are properly housed and employed they are less likely to commit crime. People steal to afford a drug habit, most people properly housed and employed don't do drugs.
reform	Addison would improve access to social services in order to reduce poverty.
enforce	Increase funding for the police department and focus resources on violent crimes.
reform	More out reach programs, places for the youth to safely stay at, and better police training.
enforce	They need to get more police officers to patrol the city and put an end to the crime.
reform	He needs to seek help from the City Council or bring public pressure to bear on them.
reform	Addison should provide job opportunities to ex-convicts. A lot of people go back into crime because they have no legitimate way to better themselves due to having gone to prison previously. Addison can also improve public education in the area and reduce wealth inequality.
enforce	Hire more police
reform	Outside security cameras in all neighborhoods
enforce	Increase police presence in the city.

enforce	Putting criminals in jail would be the best answer. Crime is high everywhere and no one has an answer.
enforce	The city of Addison needs to increase the severity of punishments for crimes to deter and reduce the overall crime rate.
enforce	enables cops to connect with locals and prevent crime rather than just reacting to it
reform	Improve mental health provision, create opportunities for jobs and education for all individuals, set up a community action group, improve education of policing personnel.
enforce	I would start by talking to the community and forming a crime watch. I would forms groups to help with informing the community of what's going on and ask for solutions. I would ask the community to work together to come up with a plan to fight the crime and help the police. I would also meet with the police and ask what their thoughts were for what we could do.
enforce	Addison needs to petition government for police patrol and to also enhance community vigilance and report any unusual activity when noticed
enforce	Addison needs to implement new laws or programs to reduce crime and make the city safer.
both	I suppose it depends on the ages of the people committing them. If it is younger people performing acts of violent crime, then early intervention in at risk neighborhoods is good, but if it's older people committing violent crime, then you need more police on the street.
reform	I think the best way to reduce crime is to raise wages. People don't steal catalytic converters for fun. Corporations have stolen our dignity and replaced it with fear and grinding. We need to take it back and then we can live with each other in peace, love, and harmony.
enforce	enforce the laws and police presence
enforce	Hire more police, harsher punishments, advocate for citizens arming themselves to be protected
enforce	It needs to hire more police officers to patrol neighborhoods and investigate crimes and it needs to promote a good relationship between police and the community.
enforce	More police
enforce	More patrols, crime watch.

enforce	Hire more police officers and make the penalties for committing crime more severe.
enforce	He needs to solicit police help to advise what he and other citizens can do to help.
enforce	Increase policing and resources to prevent crime
enforce	Increase spending on police.
reform	In order to reduce crime and violent crime in Addison, it is important for the community to work together. This includes increasing police presence on the streets, providing more resources for youth programs that can provide an alternative to criminal activities, engaging with local businesses and organizations about safety initiatives they can implement in their own areas of influence, creating public service announcements that educate citizens about how they can help prevent crimes from happening around them. Additionally, educating people on how to recognize signs of potential violence or other types of criminal activity is also a key step towards reducing such incidents overall.
enforce	Advocate for more policing in the areas with crime. This includes going to local meetings and speaking out, and voting for people who will increase policing.
enforce	Take it back to old days when hangings take place everyday at noon.
enforce	Increase police patrol in the area.
enforce	Increase police presence
enforce	Increase the number of police and enforce laws when a suspect is apprehended.
enforce	Addison needs to increase the number of police officers and make their presence known on the streets particularly in the neighborhoods. Neighborhoods need to set up community watches to monitor and report criminal activity to the increased police force.
reform	Addison should look into the reasons why the crime is occurring and act based off that, not a drunk man's rant.
enforce	More support from law enforcement
enforce	Hire more police officers
enforce	Addison should increase the number of police officers as well as how often they patrol. In addition, Addison should have harsher punishments for violent crime.

enforce	They need to increase police presence in the neighborhood and encourage people to report what they see and punish them to the fullest extent of the law.
reform	Vote out their Soro's funded soft on crime DA as soon as possible.
both	They need more police canvassing the area looking for people committing crimes. They also need to figure out why people are committing them. Is there a drug problem in Addison? Is there high unemployment in Addison? It's important to find the root cause.
enforce	Both increase police presence and enforce the laws. Quite simple, actually.
enforce	Give a bus ticket to repeat offenders in leu of jail time, signing a waver with the promise of never coming back under the threat of a tripled sentence.
reform	Addison should find out what its increasing crime and figure out ways to mitigate crime to make it happen less often.
neither	Addison needs to make it clear that crime will not be tolerated
enforce	hire more police
enforce	Address the problem areas of the city with increased vigilance and singling out the guilty parties.
enforce	I believe Addison needs to increase their police force and set up roving patrols to attack the crime that the city is dealing with.
reform	Better education for starters. Then programs to help people. Cops are not the answer.
enforce	More vigilance and public involvement in observing and reporting criminal activities.
enforce	Increase policing, and involve social services in policing.
enforce	Addison needs to increase the police patrols of Addison and have the police arrest more people who commit crimes.
enforce	have officers patrol streets and get to know people and causes of those committing crimes.
enforce	They need to likely step up police patrols and engage the community more
enforce	Increase police presence

enforce	Increase funding for law enforcement. This funding should be used to increase the number of officers on the force and increase compensation and training for all officers.
both	Uptick in police presence, even if that means hiring more cops. Also, identify the criminals and if many are young, develop programs to get them off the street and give them a purpose. If poverty is a factor, do neighborhood outreach to make sure people are getting their benefits, create jobs, and raise the minimum wage.
both	Increase police patrol, city needs to install surveillance cameras and people need to be more vigilante
reform	Jobs, economic opportunity, and a way for people to build up a life. Treatment for substance abuse.
enforce	The city of Addison needs to hire more policemen so that more law enforcement can patrol the neighborhoods to deter crime. Also the city needs to get the public involved by encouraging them to participate in more neighborhood crime watch.
enforce	Addison would need to make punishment for crime more severe and advertise the increase to deter more crime.
both	Vote out current policy makers or confront them at public meetings. Organize communities to take action. Buy and become educated on proper gun ownership to protect yourself if the need arises .
enforce	Addison needs to start supporting police and perhaps start a neighborhood watch program to help minimize crime in neighborhoods.
reform	Provide more opportunities for lower income people to get ahead so that they don't have to resort to crime.
reform	I suppose it needs to understand the root of the problem and then agree upon ways to improve the issues.
reform	Addison needs to understand why the crime is happening. Addressing social issues could help reduce crime. Providing jobs, low-cost education, and food security programs could help. Also rehabilitating those who have already committed crimes so hopefully they won't commit more crimes.
enforce	Take more stringent decisions to tackle crime and put more measures to curb it

reform	Addison needs to figure out the root of the crimes and offer resources to help curb that behavior, if it's violent crimes, offer more counseling and mental health resources, and if it's stealing, offer more free community events to help those in need.
both	Addison needs a focus on crime prevention and police enforcement.
enforce	I think that Addison needs to get more Law Enforcement as well as a better DA to prosecute the crimes that are taking place.
enforce	INcrease police monitoring in the area
neither	They need to reduce it because it has taken over the city wherever you look.
enforce	Hire more police officers, catching the criminals , and actually charging them with the crime they committed and not letting them back on the street the next day, like in so many liberal towns that allow this nonsense.
both	Addison needs to take a multi-pronged approach to reducing crime. The first step should be to increase the presence of law enforcement in the city, making sure that all areas are adequately patrolled and that any suspicious activity is reported and investigated. Additionally, the city should invest in crime prevention programs, such as neighborhood watch groups, and work with the community to build relationships between citizens and law enforcement. Finally, the city should focus on providing opportunities for those at risk of committing crimes, such as job training, education, and mental health services. By taking a comprehensive approach to reducing crime, Addison can make its neighborhoods safer for all residents.
both	Crime could be reduced in Addison by recruiting more personel and equiping them adequately to fight crime.There should also be an increase in surveillance in every part of Addison.Crime targets should be identified and swiftly dealt with to make the streets and neighborhood safe,the focus should be at the crime hotspots.Also security personel should be proactive and come up with well targeted programmes.Lastly inequality should be tackled and more job opportunities should be created.

both	Addison needs to employ more police officers, start neighborhood crime watches and invest in cameras to be placed around the city.
enforce	Be alert and report when needed
neither	maintain current policies, this guy seems to drunk to have a reasonable opinion.
reform	Addison needs to create more job opportunities for people and try help the people committing crimes rehabilitate. In addition, security should be increased.
enforce	Addison could increase police force size to ensure that crime is being limited as much as possible.
reform	I do not have enough information to guess what Addison needs to do to reduce crime. But, instuting programs to reduce recidivism, like those that help felons successful reenter society after incarceration may help. Taking whatever steps possible to ensure jobs and a living wage are available to all, especially those people or groups more likely to commit crimes, may also help.
neither	Try to narrow down what specific crime is happening and focus on reducing it.
reform	Typically when crime is on the rise, it's time to start investing in social programs to help ease the burdens of our citizens.
both	Addison needs to talk to his cities Mayor about it as well as report any crimes he sees happening to the police.
reform	Institute programs to reduce receidivism, such as programs to help felons successfully reenter society after incarceration; ensure jobs and a living wage are available to all people and groups; ensure affordable housing is available to all
reform	increase education
reform	Address what's causing the crime and develop a strategy for reducing it.
enforce	need more police to be visible on the streets
enforce	Increase police staff and get harder on criminals.
enforce	Get more police
both	Not enough info to prescribe solutions, but generally, increase enforcement of pre-violence unlawful activity, improve economic outlook in impoverished areas, reduce addiction and illicit drug trade.

reform	Addison should increase resources devoted to mental health programs that can help people in crisis or struggling mentally.
neither	reduce his anger and think of ideas
enforce	Better police force
reform	It doesn't seem what they are doing is working. Looks like they need new people in charge. Time to fire and hire.
enforce	Hire more police to patrol the crime areas, and remove any District Attorneys who will not charge criminals.
reform	Increase the social net and make sure people are fed, housed, and less prone to crime to begin with because they are happy.
reform	Get rid of non-whites
enforce	I would suggest setting up a neighborhood watch system so people can look out for each other. We need tougher gun laws and a larger police presence on the streets.
enforce	Hire more police officers
neither	reduce crime
reform	Addison needs to first identify what is causing the increase in crime. These kinds of things do not happen for no reason. Once a root cause is identified, they need to work with the community to find a solution that most people are okay with.
reform	Talk to his community about the crime
neither	he needs to leave the neighbourhood
reform	start a commission to study who/what/where/when/why of crime in addison
both	To reduce crime, he needs to be on a look out to repeat what he sees to the police and to own a gun to protect himself.
enforce	They need more police presence. More patrols.
reform	to expand education to help the people
reform	The police and other law enforcement agencies should perform community outreach so that they are visible and show concern for the people living in Addison. The city council can assess basic things like proper lighting in the neighborhoods to deter crime.
enforce	hang some criminals in public and promote a gun carry life style where shooting criminals is rewarded instead of prosecuted
neither	The prayer of believers calling on the Lord God.

reform	I believe that there should be programs that will help get individuals out of the urge of violence and show them there is a better way than throwing your life away for something petty.
enforce	Have more police patrolling all the neighborhoods of Addison.
reform	Addison needs to identify if there is a pattern to the violence. Is it random? Is it amongst teens and young people? I believe Addison will most likely need to increase police presence. In doing so, the police should not only just drive around, but also participate in community activities in an effort to build community trust. There should also be activities for the youth to be involved in to provide a better social outlet than what they may presently have.
reform	Increase community support program and work to improve the city's infrastructure.
both	Addison should increase police presence, community policing, targeted enforcement, address the root causes for the violent or any other form of crime and crime prevention programs can also be introduced to curb the crime in Addison city.
enforce	Addison needs to bring more awareness to the huge problem of crime and violence. By trying to stamp out the concerns they should also make sure that people are held accountable for their crimes.

Declaration of Authorship

I hereby confirm that this paper and the work presented in it is entirely my own. Where I have consulted the work of others this is always clearly stated. All statements taken literally from other writings or referred to by analogy are marked and the source is always given. This paper has not yet been submitted to another examination office, either in the same or similar form.

Tübingen,

Miriam Schiele

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