

Inquiry Question

Should snitches always get stitches? The Prisoner's Dilemma (game theory) paradox says not always, sometimes there are mutually beneficial outcomes.

Name: _____ **Date:** _____



General Instructions

“The prisoner’s dilemma is a paradox in [decision analysis](#) in which two individuals acting in their own self-interests do not produce the optimal outcome. The typical prisoner’s dilemma is set up in such a way that both parties choose to protect themselves at the expense of the other participant. As a result, both participants find themselves in a worse state than if they had cooperated with each other in the decision-making process. The prisoner’s dilemma is one of the most well-known concepts in modern [game theory](#).” (J, Chappelow, 2019)

KEY TAKEAWAYS

1. A prisoner’s dilemma is a situation where individual decision makers always have an incentive to choose in a way that creates a less than optimal outcome for the individuals as a group.
2. Prisoner’s dilemmas occur in many aspects of the economy.
3. People have developed many methods of overcoming prisoner’s dilemmas to choose better collective results despite apparently unfavorable individual incentives.

(J, Chappelow, 2019)

Review the idea here there is a great video: <https://www.investopedia.com/terms/p/prisoners-dilemma.asp>

This article has a great current real-world example:

<https://www.theatlantic.com/entertainment/archive/2014/01/jeopardys-newest-star-proves-optimal-strategy-really-unfriendly/357609/>

Here is an excellent podcast about game theory:

<https://www.wnycstudios.org/story/104010-one-good-deed-deserves-another>

In any format you want (it can be an interview, you speaking, just be creative) create a podcast where you will introduce the idea of the Prisoner’s dilemma and your original scenario.

You could interview both parties prior to the situation, during or after or perhaps perform an interrogation of the two parties. The idea is to show your understanding of the prisoner’s dilemma and come up with a mutually beneficial outcome. Be clear with your terms and concise with your language

Create a 5-minute carefully crafted and well supported podcast using the proper APA format for references.

Hand in a script and your references along with an audio/video file.

Suggested tools:

Record your writing in podcast format using Audacity <http://audacity.sourceforge.net/>, GarageBand, iMovie or other recording software with capacity to edit sound. Add either sound effects or music or both to augment your voice reading.

Be sure to export as an mp3 format file and upload here...

Free sound effect and music sites:

1. <https://www.pacdv.com/sounds/>
2. <https://freemusicarchive.org/>
3. <https://free-loops.com/>
4. <http://danosongs.com>
5. <https://incompetech.com>
6. <https://www.seabreezecomputers.com/tips/freemusic.htm#links>

Materials you'll need:

- brain
- internet connection
- audio/video recording device
- video/audio editing software
- computer

Project submission:

Hand in a script and your references along with an audio/video file.

upload to the Moodle hand in bin.

Review

Review the following video from the unit:



And the following articles:

<https://plato.stanford.edu/entries/prisoner-dilemma/>

It is very important to use direct quotes from your sources of information and it is vital that you are following the APA guidelines for your in-text citations as well as your references list at the end of the essay. Review the following course page for details on this:

<https://wcln.ca/mod/page/view.php?id=30739>

Here is another great resource to review for APA formatting:

https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/general_for_mat.html