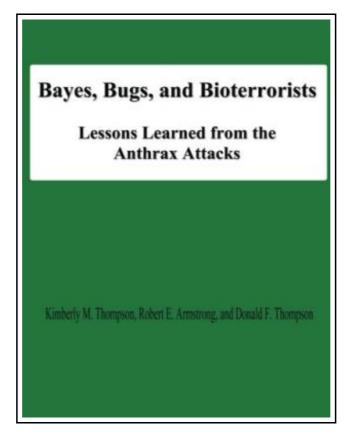
Bayes, Bugs, and Bioterrorists: Lessons Learned from the Anthrax Attacks



Filesize: 1.57 MB

Reviews

Merely no words to clarify. I could comprehended every little thing using this created e pdf. I am just effortlessly could possibly get a enjoyment of reading through a created publication.

(Mr. Ari Powlowski)

BAYES, BUGS, AND BIOTERRORISTS: LESSONS LEARNED FROM THE ANTHRAX ATTACKS



Createspace, United States, 2012. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.The U.S. government continues to improve its plans for protecting civilians and soldiers from attacks with biological weapons. Part of this effort focuses on developing strategies that recognize the difficult choices to be made in using and deploying resources. This paper presents a risk- and decision-based framework-derived from the field of Bayesian statistics-for developing strategies that facilitate managing the risks of biological agents. The framework recognizes the significantly different attributes of potential biological weapons and offers a strategy for improving communication to effectively coordinate national biopreparedness efforts. The framework identifies generic decisions related to routine immunization, response planning, stockpiling vaccines and therapeutic agents, surveillance choices, containment, emergency response training, research, media and communications preparations, information management, and policy development. This paper provides a straw man to be used in wargames, exercises, practices, etc., at all levels of government. Given the attention on anthrax following the 2001 attacks, this paper applies the framework to managing the risks of anthrax to provide an illustrative example. The example demonstrates that by organizing information at this level, decision makers can quickly understand the critical connections between different options (e.g., vaccinating with a new vaccine requires an investment in research; research might increase the opportunities for breaches of containment). With respect to managing the risks of an attack with anthrax, this analysis suggests the need for creation of a comprehensive national management plan that includes quantitative evaluation of resource investments. The authors conclude that the government should adopt a process-based on decision science and using the power of decision trees as an analytical tool-to develop a strategy for managing the risks of bioterrorism. Using this type of approach, the government can better characterize...

- Read Bayes, Bugs, and Bioterrorists: Lessons Learned from the Anthrax Attacks Online
- Download PDF Bayes, Bugs, and Bioterrorists: Lessons Learned from the Anthrax Attacks

Related eBooks



Do Monsters Wear Undies Coloring Book: A Rhyming Children's Coloring Book Createspace Independent Publishing Platform, United States, 2015. Paperback. Book

Condition: New. Mark Smith (illustrator). 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****. A #1 Best Selling Children s Book...

Read ePub »



Twitter Marketing Workbook: How to Market Your Business on Twitter

Createspace Independent Publishing Platform, United States, 2016. Paperback. Book Condition: New. Workbook. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****. Twitter Marketing Workbook 2016 Learn how to market your...

Read ePub »



Odes Funebres, S.112: Study Score

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.Liszt composed three Odes funebres between 1860 and 1866, shortly in...

Read ePub »



Davenport's Maryland Wills and Estate Planning Legal Forms

Createspace, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****. This book written by attorneys and published by Davenport Press provides a quick...

Read ePub »



I Learn, I Speak: Basic Skills for Preschool Learners of English and Chinese

Paraxus International, Inc., United States, 2012. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.Please go to // and shapes for some high resolution sample...

Read ePub »