The Bright and Dark Side of Data Mining Research

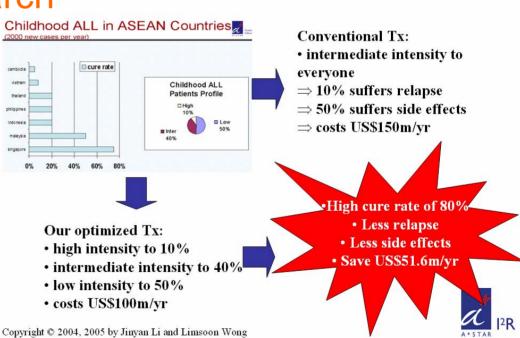
Limsoon Wong Prepared for Panel Discussion at PAKDD 2006 11 April 2006 @ Hilton Hotel





Question 1 Share an experience that illustrates the bright or dark side of data mining research





Results



Question 2 In your opinion, what are the bright areas in data mining research today?

- Marriage of statistics and data mining
  - Efficient, sound, & complete mining of patterns satisfying more sophisticated statistical properties
- Combining IE & data mining, giving more attention to feature generation & selection
- Impt application areas:
  - Biomedicine
  - Economic crimes?

Question 3 What are the common barriers/traps faced by data mining researchers and what advice would you give to avoid them?



- Traps
  - Is this yet another algorithm?
  - Is this frequent pattern really useful?
- Advice
  - Will my work make an appreciated lasting difference?