Confounding

Examples
Extreme examples (Simpson's paradox)
Conditions for...

Estimators

	weights	
	Precision-based (inverse variance)	Investigator-chosen ("Standardized")
Difference		
Mean	x	x
Risk	x	x
Ratio		
Risk	x	x
Rate	x	x
Odds	x	

[case control study]
[cohort/prevalence study]

Finely-stratified data -- matched pairs; matched sets

Inter-relationships: other representations of SMR

Assumptions/caveats

Readings

• Moore & McCabe Chapter 2

• Rothman 2002, Ch 1; Ch 5; Ch 8

• JH's Notes on stratified data [Ch 9 epi]
  [http://www.epi.mcgill.ca/hanley/c607/]

• Mantel and Haenszel Classic Article
  [http://www.epi.mcgill.ca/hanley/c607/ch09]

• Woolf Classic article.
  [http://www.epi.mcgill.ca/hanley/c607/ch09]

Other Resources [Computer / Chapters / Articles / etc..]

• Against All Odds Video
  PROGRAM 11: The Question of Causation
  [for details see
    http://www.medicine.mcgill.ca/epidemiology/hanley/c323/AGAINST_ALL_ODDS_INDEX.html]

• Moore & McCabe Chapter 2 resources
  [http://bcs.whfreeman.com/ips4e]

• 607 Notes from May 1997:
  Ch 2 "Looking at Data: relationships"
  [http://www.epi.mcgill.ca/hanley/c607/mm_ch2.pdf]

• Course 678 Resources/Materials for Session 5
  [http://www.epi.mcgill.ca/hanley/c678/]