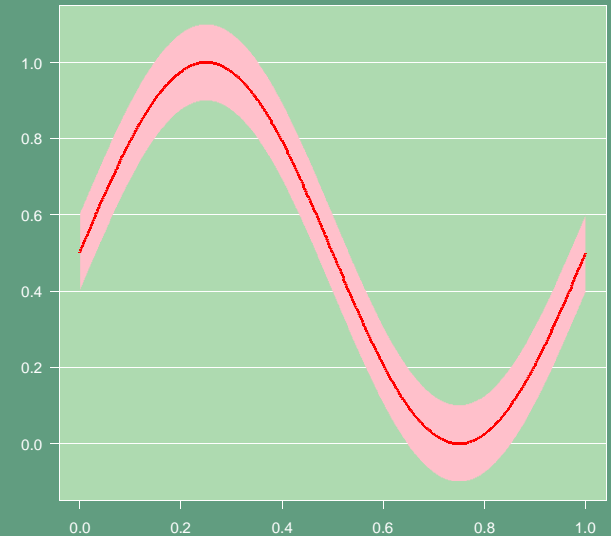


CHALMERS RESEARCH GROUP



Statistics Department



Statistical Society of Ottawa Fall Seminar
November 2004

Continuing Thomas C. Chalmers' quest
for excellence in health research

Chalmers Research Group (CRG)

- CRG is a clinical epidemiology program of approximately 40 members, including scientists and a support team.
- The CRG has three programs:
 - systematic reviews
 - clinical trials
 - epidemiological studies

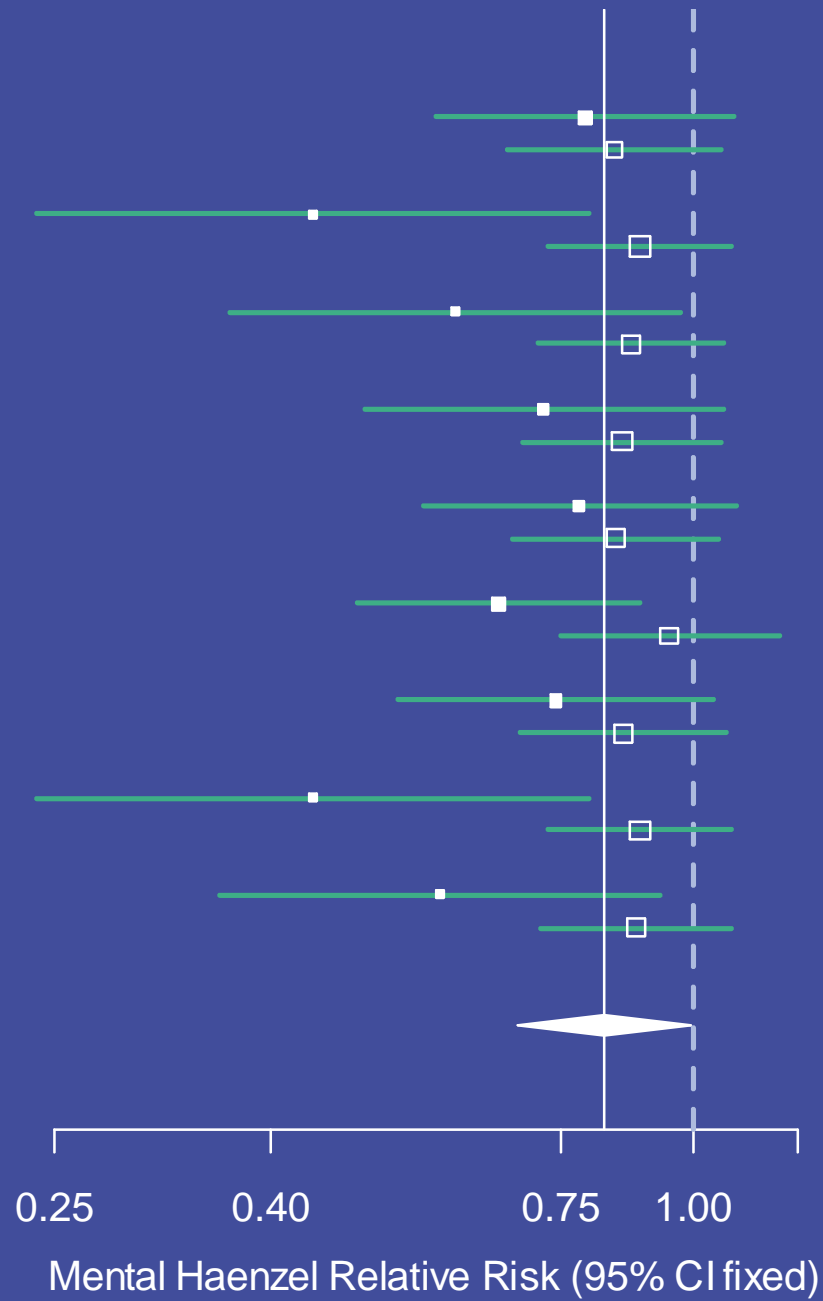


CRG Statistics Department

- What we do
 - Statistical consulting service
 - Methodological research
 - Data management



Raters	Quality	n
1	high	8
	low	9
2	high	4
	low	13
3	high	4
	low	13
4	high	7
	low	10
5	high	8
	low	9
6	high	8
	low	9
7	high	8
	low	9
8	high	5
	low	12
9	high	6
	low	11
Total		17



Our uniform



Our mission

1. To help people make high-quality inferences.
2. To educate ourselves and others.
3. To communicate clearly and honestly.



Our team



Samantha Fulton, BSc
Data Specialist



Our team



Isabelle Gaboury, MSc
Consulting Biostatistician



Our team



Nick Barrowman, PhD
Chief Biostatistician



Our team



Manchun Fang, MSc
Biostatistician



A few of our recent publications

Barrowman NJ, Fang M, Sampson M, Moher D. Identifying null meta-analyses that are ripe for updating. *BMC Medical Research Methodology* 3(1):13, 2003.

Barrowman NJ, Myers RA. Raindrop Plots: A New Way to Display Collections of Likelihoods and Distributions. *The American Statistician* 2003; 57(4):268-274.

Garg AX, Suri R, Barrowman N, Rehman F, Matsell D, Rosas-Arellano MP et al. Long-term renal prognosis of diarrhea-associated hemolytic uremic syndrome: a systematic review, meta-analysis, and meta-regression. *JAMA* 2003; 290(10):1360-1370.

Plint AC, Gaboury I, Owen J, Young NL. Activities scale for kids: an analysis of normals. *J Pediatr Orthop*. 2003 Nov-Dec;23(6):788-90.

Bariciak ED, Plint AC, Gaboury I, Bennett S. Dating of bruises in children: an assessment of physician accuracy. *Pediatrics*. 2003 Oct;112(4):804-7.

