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Teaching Statistics in the MPH: from suspicion to empowerment

C Bennett & A Tabuteau Moore

ANAPHI T&L Forum
September 2007
Outline

A reflection on Statistics teaching and learning with IKE MPH students (2003-2007)

the experiences of a teacher and a student
Context

• VCPH commitment to the Indigenous MPH
• Dual delivery → mainstream & community-based
• Invitation
  – Support local lecturer
  – Coordinate subject
• 1st stats teaching in IKE MPH, intensive….
• Everyone hates learning stats
• An evolving curriculum
Preparation

• Course Outline
  – Rigour
    • Content
    • Learning objectives
    • Assessment
  – Flexibility
    • Adaptive learning strategies
    • Adjustable pace
    • Relevant, applied examples
Intro Session
• Introductions and endorsement
  (Ian Anderson teaches stats!)

Day 1
• Putting statistics in context
  – language, tool, key…
• Negotiating the curriculum
  – The plan (learning objectives, blocks, teleconf, workflow, feedback, tutors)
  – The partnership
  – The “quiz”

Day 2…..
• Group dynamic
• Learning networks
• Commitment.. Determination.. Ownership.. Success
Outcomes

- Completion rate
- Pass rate
- Application
- Subject evolution
Acknowledgements

- Teachers – Bircan Erbas, Marion Cincotta
- Wendy Brabham, Janice Jessen & IKE staff
- Tutors