Application and Implementation of Methodologies in Statistics (AIMS)

PSI/EFSPi SIG

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Agenda

• Why AIMS?
  • Background
  • Committee members
• What are the objectives?
• How will we deliver?
  • Key ideas
  • Potential topics / Your ideas
• Next Steps
Background

- PSI Board of Directors
- PSI Statistical Computing Committee
  - No longer functioning
  - Not clear what the remit of the committee was
  - PHUSE main body for SAS programmers
  - Statisticians not getting what they needed for their day to day job
Background

- Agreed to disband the Computing Committee and set up a more practical Special Interest Group
- Agreement obtained from PSI BOD to proceed
- Charter drafted and approved
- EFSPi pulled in as all SIGs now joint PSI/EFSPi
- EFSPi Council have approved
- Sought out interested parties
Current Members

- Craig McIlhoney  PPD (Leader)
- Lyn Talyor  PRA (Back-up Lead)
- Wilmar Igl  AZ
- Yann Robert  Servier
- Chris Toffis  Amgen
- David Inman  GSK
- Selvaraj Sivasuramaniam  Aberdeen University

Look to bring in vendors as needed already have links to Mango Solutions for R validation
Charter - Aim

“To support PSI Committees and PSI/EFSPi Special Interest Groups (SIGs) with the technological application and implementation of statistics. To develop understanding of new analytical tools and approaches to share with PSI & EFSPi members via appropriate forums. To ensure PSI & EFSPi members are supported with understanding the requirements for the implementation of industry data standards.”
Charter – Key points

- The initial focus will be to identify 2 or 3 areas where PSI & EFSPi have key needs in, then focus on providing solutions for these.
- Identification of 2-3 key areas in which the industry is best served by guidance on application or implementation
- Links with key bodies/software providers in those areas
- Collated information on papers/vendors/software for these areas
- Conference sessions/webinars/best practice guidance
Potential Topics

• Team identified 25 items
• Gave a priority rating and assessed if there were any quick wins

• Top/High priorities (i.e. ~50% of items) noted were:
  • Estimands
  • Simulation and Modelling
  • Computationally intensive methods

• Interesting Medium priorities
  • R – validation
  • CDISC explained for statisticians
Your input

• What would you like to see tackled either on or not on the list?

• Who should this group interact with to determine specific needs?
  • e.g. other SIG leaders?

• What would you like to see come from this group?
Next steps

• Advertise the group as being active
  • Set up SIG section on PSI website
  • Where else should we go?
• Focus on 2-3 ideas
• Meet with SIG leaders
• Agree final topics
• Set up small teams to work on each topic
• Potentially take a section of the PSI Conference in 2017