

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 McIllooney PPD (Leader)
- Lyn Talyor PRA (Back-up Lead)
- Wilmar Igl AZ
- Yann Robert Servier
- Chris Toffis Amgen
- David Inman GSK
- Selvaraj Sivasuramian 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