**Attendees:**

|  |  |
| --- | --- |
|  **Team Member** | **Present at meeting** |
| Craig Mcilloney (PPD) | √ |
| Lyn Taylor (PRA) | √ |
| Chris Toffis (Amgen) | √ |
| David Inman (GSK) | √ |
| Wilmar Igl (AZ) | √ |
| Yann Robert (Servier) | √ |

**Previous Action Items**

| **Action Item** | **Assigned team member(s)** | **Deadline** | **Status** |
| --- | --- | --- | --- |
| Write SPIN R introduction for industry statisticians (not a technical stance but more Why is learning R a worthwhile effort)Chris to start by providing some text in this area & share with group | Chris | 24 Dec 2016 | Done-  Team to review & feedback |
| Rstudio Introduction for industry statisticians. Wilmar to make a start in this area and share with group  | Wilmar | Approx: January 2017 | Chris to take forward with input from All |
| MHRA/EMEA their current usage & how they see things going in future, what do they look for from us to satisfy them that the package used (R package used for the submission) is validated. Craig to ask Anna. | Craig | December 2016 | Closed – EMEA do accept R |
| If possible, find out how Mango solutions have been used at GSK | David | December 2016 | Open |
| Send any questions for Mango solutions to Lyn who will consolidate & send to Ed  | All | 28th nov 2016 | Closed |
| Can Ed send evidence of what Gamp 5- GXP validation, good automated manufacturing practice is? | Ed | 5th December 2016 | Closed |
| Ed: to send list of options for how to get the ValidR software and what options are available for purchase. | Ed | 5th December 2016 | Closed  |

**Agenda topics**

| **Topic/Lead** | **Discussion/Decisions** |
| --- | --- |
| Lyn / Yann | New team members: Lyn To invite going forward.Helene Savel Helene.Savel@isped.u-bordeaux2.frSophie.Canete@isped.u-bordeaux2.fr |
| All | PSI Conference in May: At AGM, there will be summary of progress, start up of AIMS, Our team need to plan for future conference sessions. Turn article into presentation/ poster/ workshop? |
| All | Ensure all articles are put in SPIN/ EFSPI but also onto website – central location to be able to find all our articles. |
| All | General discussion on:* Beginners guide/ basic introduction article in SPIN – Chris to update & almost ready
* R studio guide - See actions for list of future articles.
* SPIN Competition? – Ask people to write How and Why they use R in the pharmaceutical industry: Find a company to sponsor?
* Update on mango solutions – Get other companys so can write article on all options
* No update on R-foundation interaction
 |
| All | AOB & Next Steps  |

**Action Items**

| **Action Item** | **Assigned team member(s)** | **Deadline** | **Status** |
| --- | --- | --- | --- |
| Update R-studio article to mention other available software  | Chris | 7th Feb  | Open |
| Series of spin articles to show how R better than SAS and when it can be used 1. R Shiny. – intro: include link to e-learning (multiple articles) - Chris
2. R notebook (literate programming) - Chris
3. literate programming – Wilmar
4. Reproducible research Cloud computing – Wilmar
5. Bayesian: Linking R with other software (ie. Bugs) MCMC now available in SAS comparison– Dave/Wilmar/Chris
6. High performance in R vs SAS – Yann
7. Intro to Validation (Tips) – ask for company’s to come forward who sell validation- Lyn
8. SAS Viya: Yann/Wilmar
 | All | Through 2017 | Open |
| Craig to get how frequent SPIN is going to be published & how many articles we need / year. Also check when EFSPI newsletters come out. | Craig | Next meeting | Open |
| Research what other companies do R – validation (other than mango, i.e. Eli lilly, Microsoft R -revolution analytics? ) | Craig (and All to find any other companies) | Next meeting | Open |