

## Session: “A reference library of data analysis models”

**Max Skoda** had a talk on the library.

Potential benefits:

- reduce entry barrier
- avoid reinventing of the wheel
- let's start collection of models!

**Survey** participants mentioned about data analysis, *etc.*

- >70% of user had >10 experiments.
- So, most experienced users are most interested in the development of our community.

**Bullet points** on how it should look like

- to come up with a standard set for every tool
- good documentation, which is good for non-experts
- running example for every model
- GUI is always beneficial
- validation
- connection to SLD database
- possible reflecting physical picture behind; little extra interpretation and visualisation
- having simple submission interface
- a lot of papers exist and can be used as a tutorials at the first stage(*e.g.*, over 100 papers on *refnx* or lifting things from *zenodo*)
- to consider plugin models for joining together existing models a-la *SasView*
- AI bot to help to point user to proper model (risk of overtrust to AI was anticipated)

*List of participants:* Adrian Rennie, Max Skoda, Tom Arnold, Andrew Nelson, Jennifer Gilbert, Sebastian Kohler, Michael Haberl, Paul Lienzle, Grace Causer, Nico Paracini, Jos Cooper, Oleksandr Tomchuk, Ihor Hapon, Artur Glavic, Brian Maranville, Jochen Stahn, Arwel Hughes, Sophie Ayscough