

Data considerations for

Cochrane 2015

- Two special sessions on data sharing
 - One focused on CSRs
 - One focused on IPD
- Session on EMA
- Workshop on data from CSRs
- Discussion at IPD MA Methods group meeting

Barriers

- Legal/contractual rather than data
 - Institutional

Accessibility

- Need to be able to combine data across multiple sources
- Data needs to be in same place to accommodate two-step analyses
- Most IPD meta-analyses now use one-step for at least some analyses
 - Simmonds 2015

Accessibility

- Importing data not a good solution
 - Data may be held in several repositories with similar restrictions
 - Independent data providers may be cautious about their data being imported ??
- Options
 - Download/export data
 - Federated model with common analysis space

Contextual information

- Good meta data
- Linked documentation
- Preferably contact point for data queries
 - Accessible log of prior data queries could reduce burden

Format

- Database
- line by line data files in preference to

Content

- All covariates
- No removal (except IDs)
- Dates are needed
 - Data checking
 - Time to event analysis

- Moderated access model
 - Data request and approval process
 - Restricted to research purposes
 - Data sharing agreement binding confidentiality
- Reduced risk of malicious re-identification

Level of detail

- Components of scores and measures important for
- Harmonisation of outcomes
 - E.g. BP and proteinuria for pre-eclampsia
- Harmonisation of