R is coming

• **new generation** of analysts trained at university in R
• **Rstudio**
  efficient Integrated Development Environment
• **shiny**
  loved by management and physicians
How to **speed** up uptake?
Technical Environment

- **desktops**: installation guidance doc
- **server**: shared reference installation
Technical Environment

- desktops: installation guidance doc
- server: shared reference installation
- `git` repository server
- `R` package server
Social environment

- electronic **communication** media such as wiki, facebook, stackoverflow, ...
- local **user groups**
Social environment

- electronic communication media such as wiki, facebook, stackoverflow, ...
- local user groups
- training
  - self-paced electronic courses
  - local classroom events
environment

• Technical enablers: ✓
• Social enablers: ✓

• What else
Pharma specific

- **Regulated** industry
- Computer System Validation as defined by **health authorities** mandates “documented evidence that a set of defined requirements are met”
Collaborate across pharma

with health authorities to define

• accepted
• standard R configurations
Base for pharmaR?

tidyverse docker image
https://hub.docker.com/r/rocker/tidyverse
invitation

• **Discussions:**
  openpharma.slack.com

• **Artefacts:**
  [https://github.com/openpharma](https://github.com/openpharma)