Driving Data Driven Decisions with D360

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EISAI CENTER FOR GENETICS GUIDED DEMENTIA DISCOVERY

We Are Already Believers

Uncertainty Avoidance

Risk Taking

Rule Following

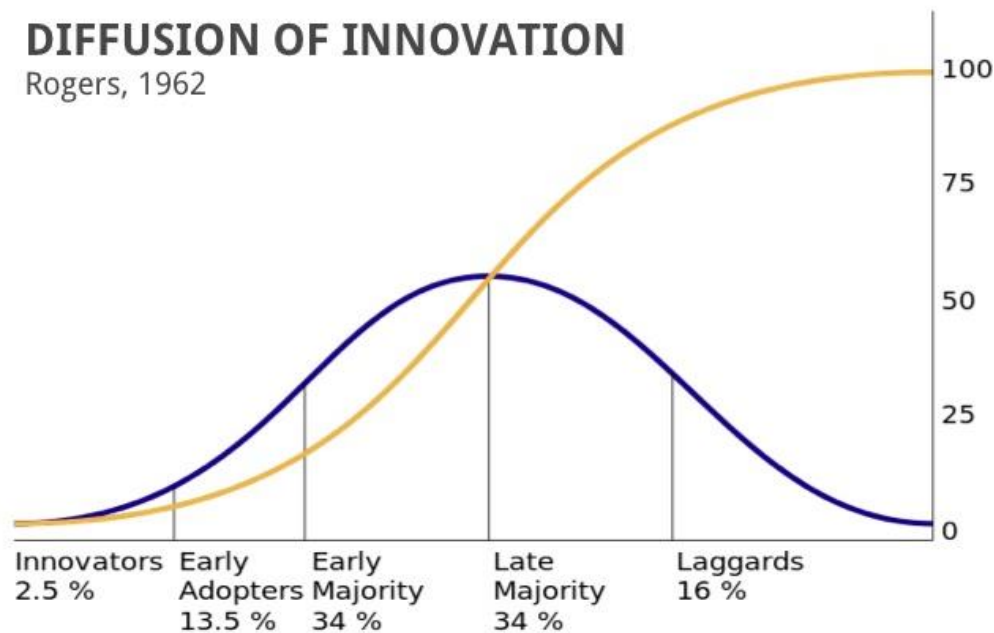# United States

Power Distance

40

Uncertainty Avoidance

46

Bellwether(n): A person who either leads or indicates trends: a trendsetter

DIFFUSION OF INNOVATION
Rogers, 1962

| Innovators 2.5 % | Early Adopters 13.5 % | Early Majority 34 % | Late Majority 34 % | Laggards 16 % |

Innovation	Communication
Time	Social Ecosphere

Innovators: Adopt new stuff because it's new. Willing to take product risk.

Early Adopters: Like innovators, but cool enough to be influencers.

Early Majority: Leading edge of wide adoption. Function over form.

Late Majority: Tend to be cautious about committing. Need security.

Laggards: Those who can't avoid it because everyone else is doing it.

Driving Adoption for Innovation 2: D360

Thu 8/29/2019 3:04 PM

new HTS data available in D360

D360 installation instructions.docx
1 MB

Hello All,
Good news! HTS screening of 127 analogs was a success, finally! If you are familiar with navigating D360 please go to the project query and take a look at the new data (Aug 29, 2019). For those less familiar, I have created a dataset with only those compounds tested this week (and hid all the extra unnecessary columns). Click the link below. If you do not have D360 installed, please follow the attached installation instructions from

http://erisd360prod01.eisai.local:8080/d360_client/ws/3067

Not so good news…
A few things to note:
1) (co-crystal compound) counter screen data is a bit confusing. One of the duplicates shows signs of and the other in-pate duplicate shows . (top right below) this will be repeated next week
2) (co-crystal compound) and its 2 enantiomers ( )

I combined the biology and chemistry email groups- please let me know if I have missed anyone. Thanks,

Convenience

Welcoming tone

Enticing sample

D360 is Driving Adoption for Innovation 1: Database Ecosystem

- First, there was a bit of a mess …

  and now …

- Groups that were previously reluctant to use data loading tools are now clamoring for them to be updated

- Groups that previously hadn't considered uploading data are yielding to pressure from project teams to find ways to get data in

- More examination of workflows to ensure data quality

Slowly our culture is shifting

Keys to D360 Success

- Visualization and query in the same application; tight linking between selection and visualization
  - Spotfire
  - Excel (Pivot charts, tables)
- Shallow learning curve
  - "If you have to read a manual, that's too much to expect"
- The "right" amount of cooperativity (permissions model)
- Easy joins across parallel branches
  - Systematized thinking is natural to data workers … but maybe only to data workers
- ??????

But we haven't solved everything …

No human can interpret 293 columns of data

- Scoring Functions
- Machine Learning

To be truly reusable, labeling should generalize context

- Cultural change in project-focused perspective
- Enables use of data at the project and program management level

Thank You

Eisai

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