

# Developability

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Formulator, excipient

Merck DPS, SSP

PCC

Optimize the order of formulation condition

The goal is to reduce number of candidates

Utilize ML tools to make decisions without too many experiments

Look at the database provided by Peng, Lei

Formulation stability (DPS)

Modality, temp, time(days), concentration used for filtering

Preferred to choose the highest temperature, can also study other temperatures if there is enough data

Protein is an integration of an API'

y: lower the better (unclearness)

Reduction purity (the higher, the better)

Hierarchical Bayesian