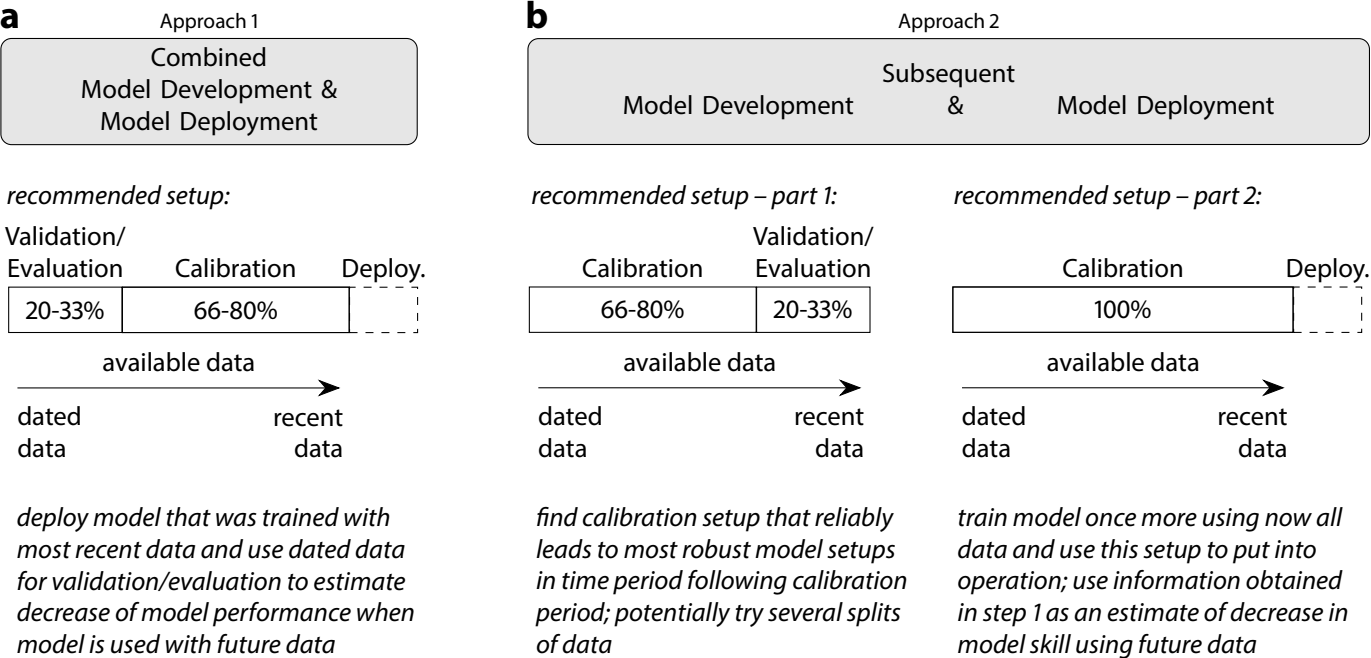
a
Approach 1
Combined
Model Development &
Model Deployment
recommended setup:
Validation/
Evaluation
Calibration
Deploy.
20-33%
66-80%
available data
dated
data
recent
data
deploy model that was trained with most recent data and use dated data for validation/evaluation to estimate decrease of model performance when model is used with future data
b
Approach 2
Model Development
Subsequent
&
Model Deployment
recommended setup – part 1:
Calibration
Validation/
Evaluation
66-80%
20-33%
available data
dated
data
recent
data
find calibration setup that reliably leads to most robust model setups in time period following calibration period; potentially try several splits of data
recommended setup – part 2:
Calibration
Deploy.
100%
available data
dated
data
recent
data
train model once more using now all data and use this setup to put into operation; use information obtained in step 1 as an estimate of decrease in model skill using future data