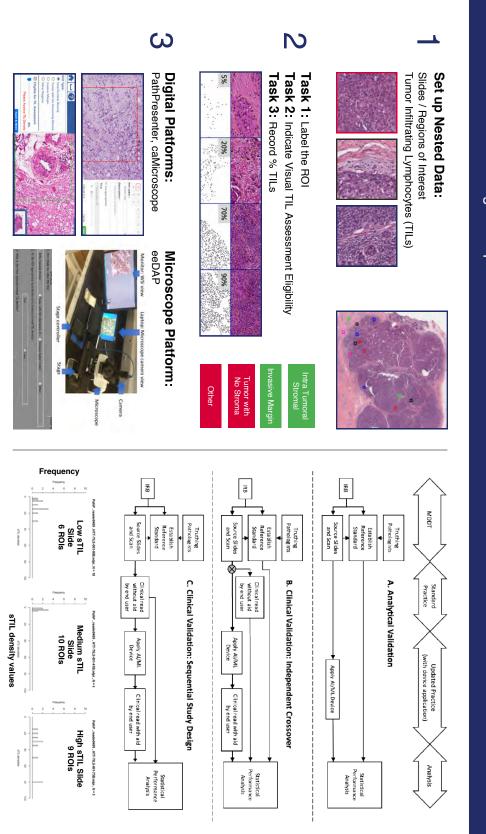
# A Pathologist-Annotated AI/ML Validation Dataset Project Description and Pilot Study for

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along with a statistical software package for data analysis would be available to any algorithm developer to be used to validate their algorithm performance in a submission to the FDA/CDRH. " the FDA/CDRH medical device development tool program (MDDT). If successful, the MDDT qualified data "We are crowdsourcing pathologists to collect data (images + pathologist annotations) that can be qualified ð





SCAN ME

### Setting:

Breast cancer pathology

Artificial Intelligence for

biomarker

digital pathology

 Need high quality validation **Objectives**:

 Validation dataset of: Pursue CDRH Medical (MDDT) for dataset **Device Development Tool** Images + Slides + Annotations

## **Regulatory Impact:**

 Clarify issues related to Provide example for others validating algorithms

### Methods:

to follow.

- Reference standard: Noisy
- truth by pathologists
- Pathologist training Multiple international
- clinical sites
- (generalizable re<u>sults)</u>
- Multiple regions of interest (ROI) per case
- (correlated data)

## Statistical analyses must account for

- Pathologist variability
- Correlated ROIs