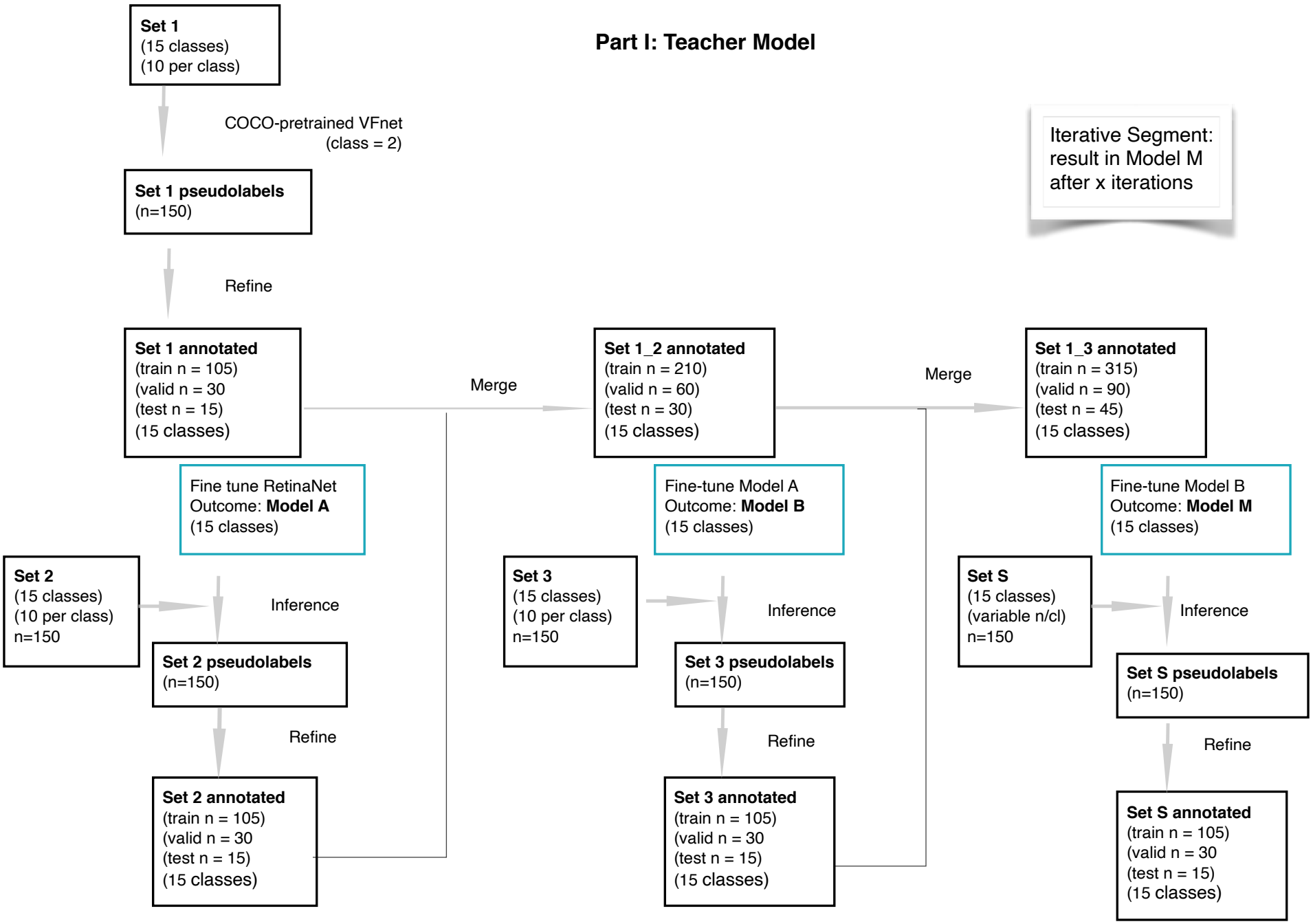
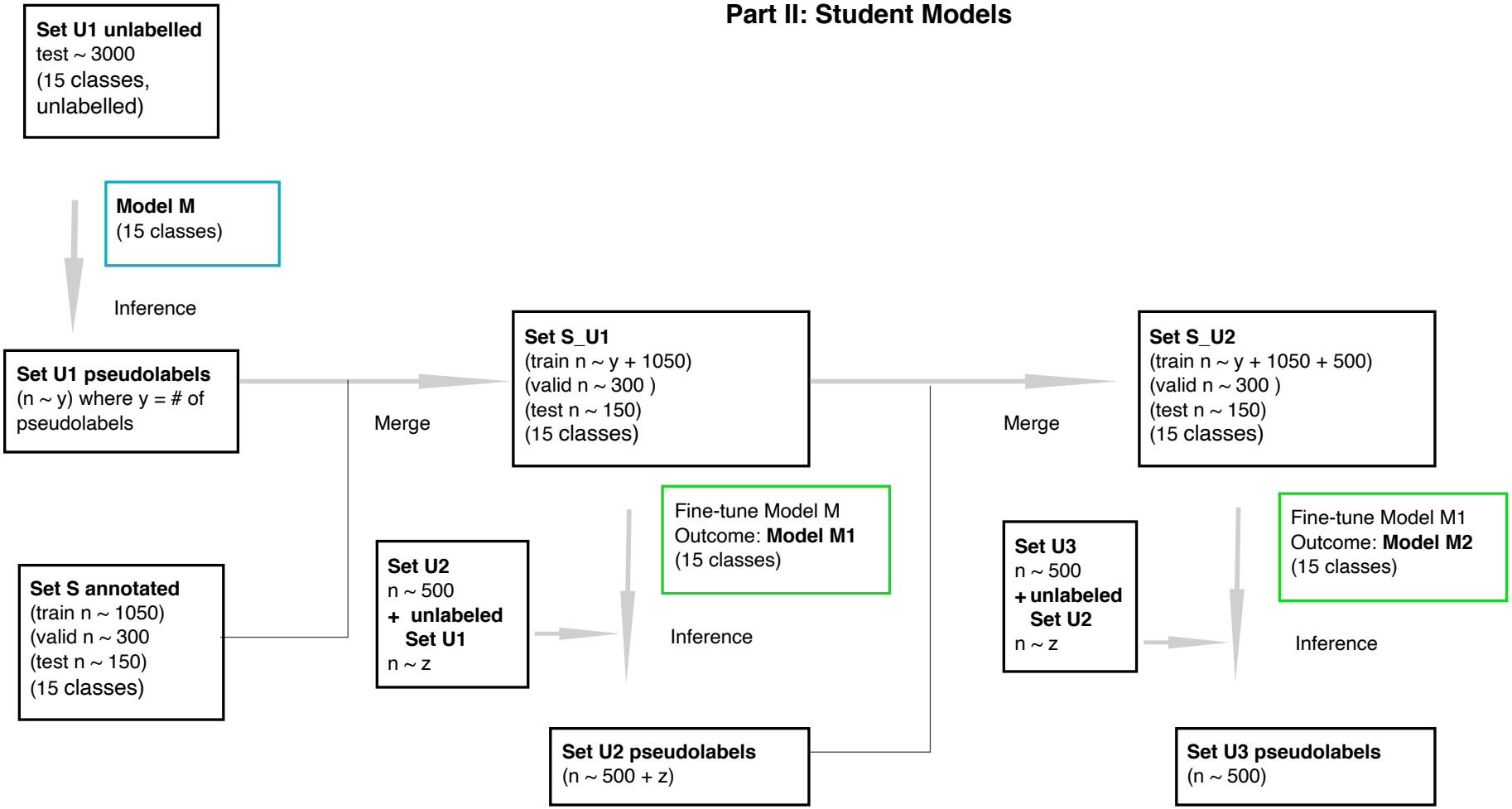
2021_10_14

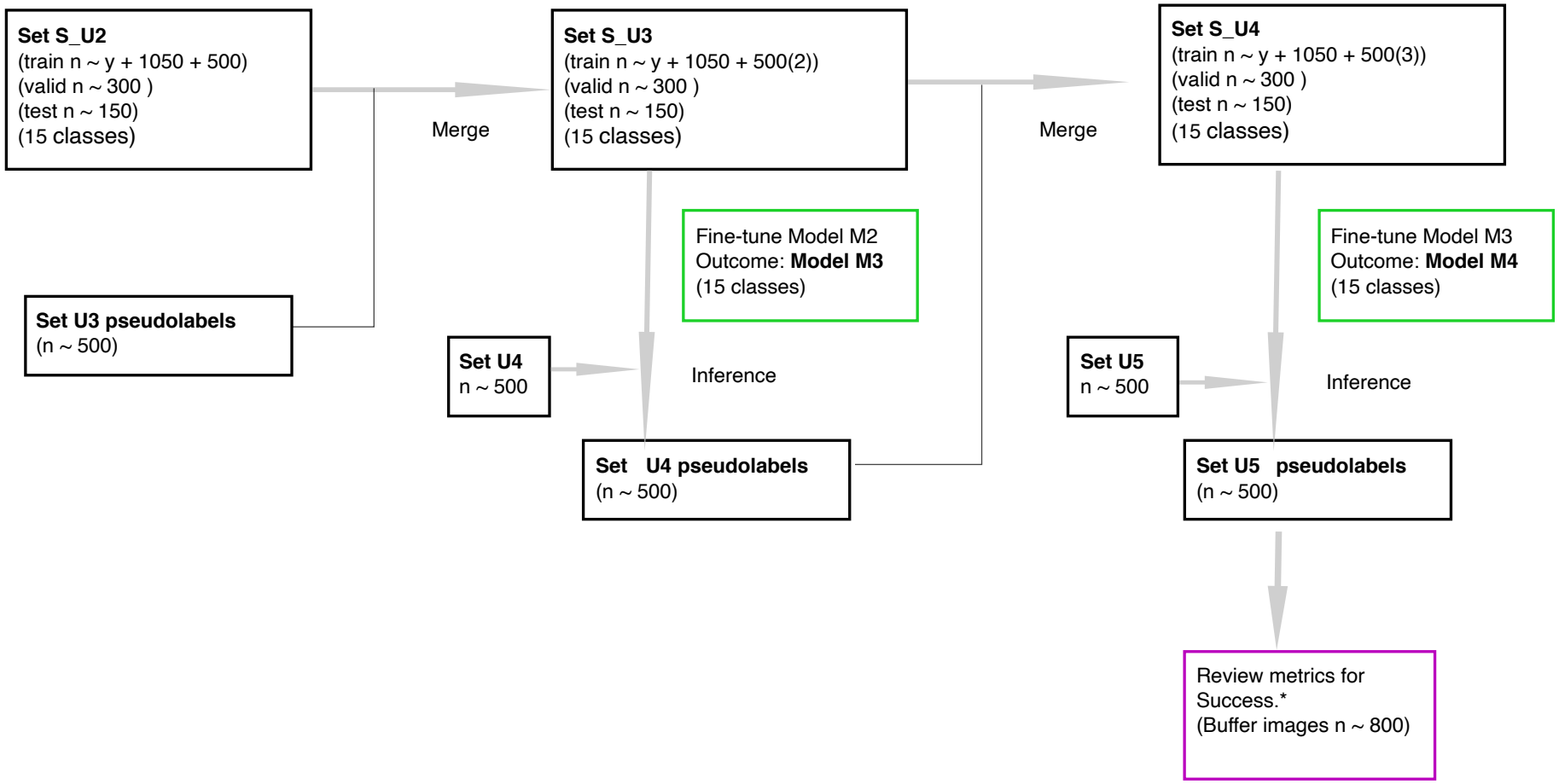
Part I: Teacher Model



* iterations for Sets until a heuristically determined level: train n = 1000, or mAP >60 for 3 consecutive model trains. At this point, the dataset will be considered as Set S, and Model as Model M.
* Dataset size as of 2021_10_9: 6,365 images, individual and multi class images, 15 classes
  * Allocate ~ 1K for initial training, labelling
  * Allocate ~ 3K for pseudo labels
  * Allocate ~ 2K for further testing and refining
* Metric: mean AP, visual inspection of predictions

Part II: Student Models





* Metrics for Success:
* 1) mAP > 90
* 2) Reasonable bboxes and good predictions on visual inspection