

# Anatomy of Vanilla Faster RCNN.

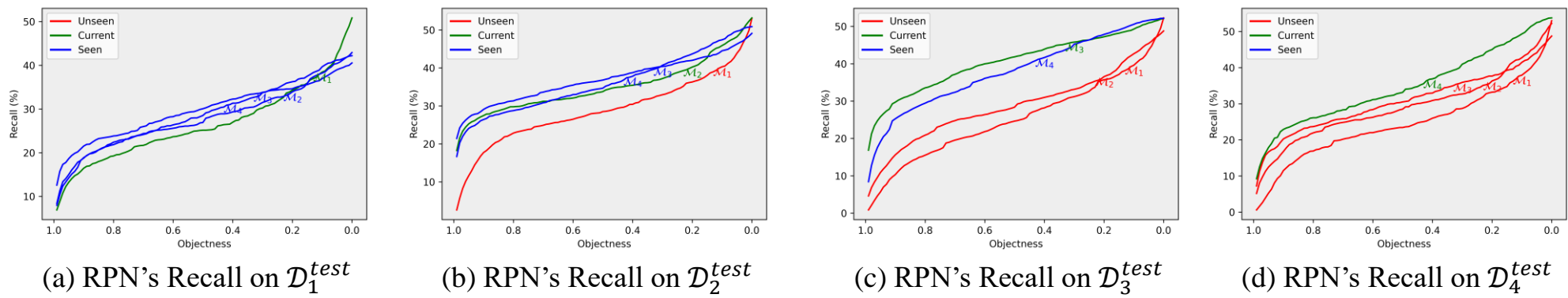


Figure 14: c Faster RCNN's Recall-Objectness curve of RPN's prediction on VOC dataset. IoU threshold is set to 0.5. **Blue:**  $\mathcal{M}_j$  has been trained with training images of  $\mathcal{D}_i$  in earlier stages. **Green:**  $\mathcal{M}_j$  is just fine-tuned on  $\mathcal{D}_i$ . **Red:**  $\mathcal{M}_j$  has not seen the training set of  $\mathcal{D}_i$  before.

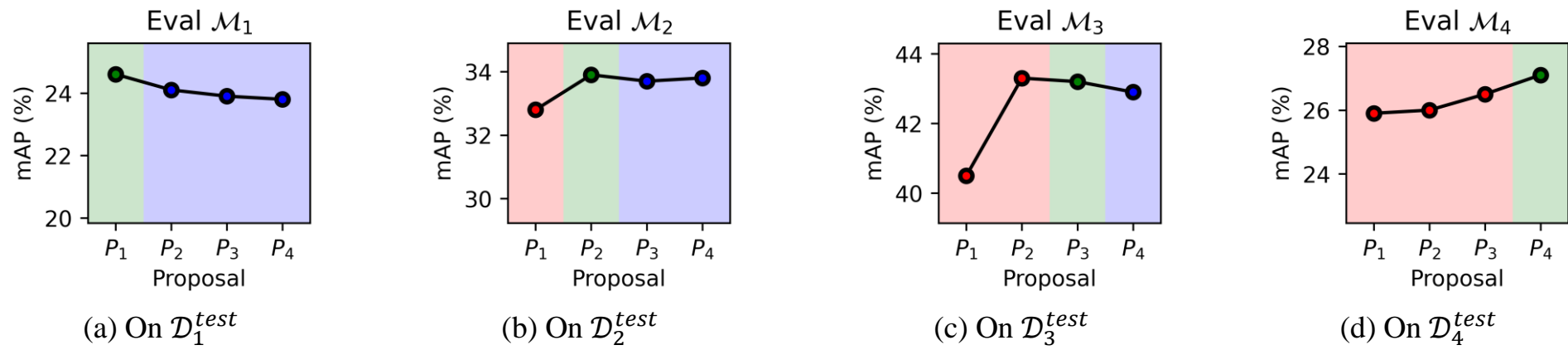


Figure 15: Vanilla Faster RCNN's results of  $\mathcal{M}_i$  on  $\mathcal{D}_i$  with different proposals on VOC dataset.  $\mathbf{P}_j$  are produced by corresponding  $\mathcal{M}_j$ .

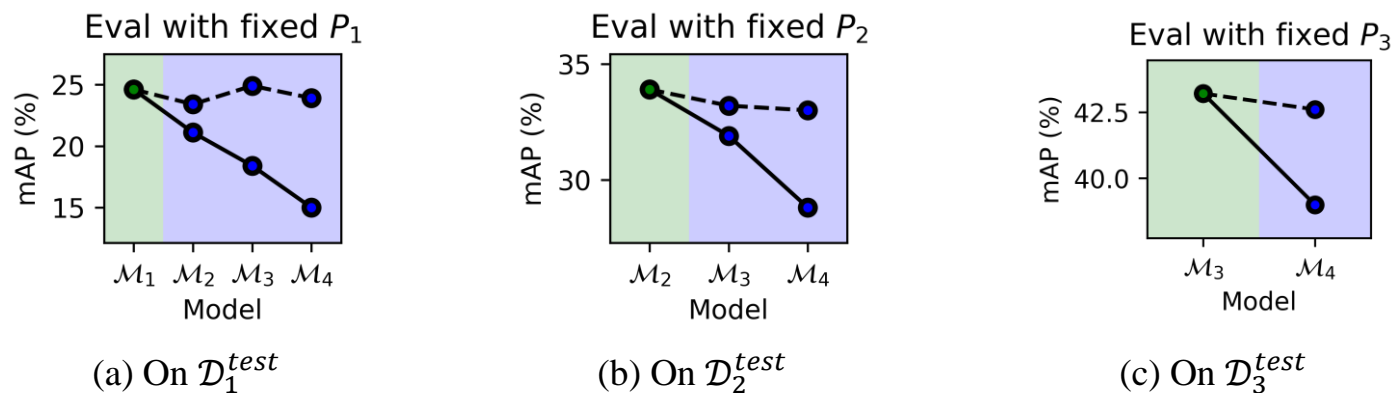


Figure 16: Vanilla Faster RCNN's results of  $\mathcal{M}_i$  on various  $\mathcal{D}_i$  by using a fixed set of proposals on VOC dataset. “--” indicates the classification results of each proposal is designated by **Model freshly trained on the corresponding  $\mathcal{D}$** . “—” indicates the predicted classification results for the corresponding model in the x-axis.