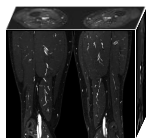
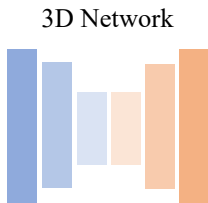


Supervised methods

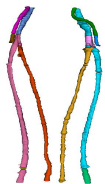
e.g. nnUNet (Dice: 89.41%)



3D volume



3D Network



Ground Truth

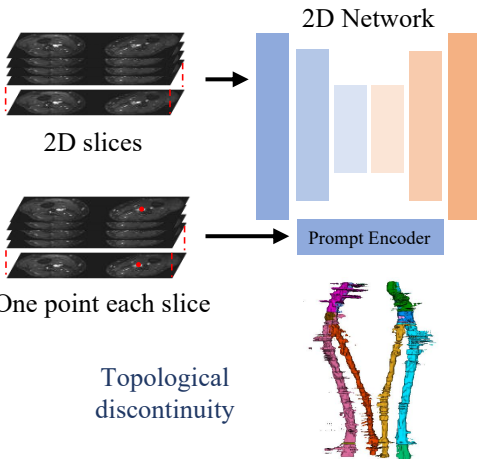
Not promptable



Training from scratch
(Label cost: ~8 hour/vessel)

2D Prompt methods

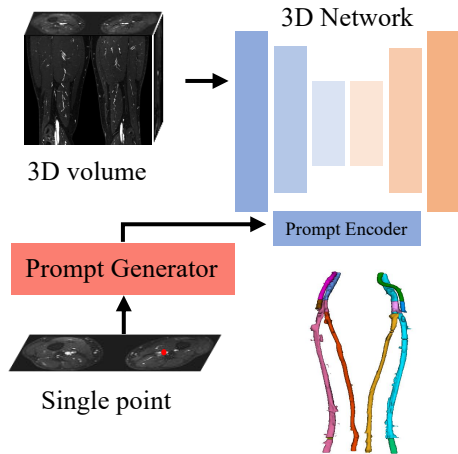
e.g. ScribbleSAM (Dice : 83.00%)



One point each slice
(Prompt cost: ~25 min/vessel)

Our method

(Dice : 86.44%)



One point each vessel
(Prompt cost: ~2 sec/vessel)