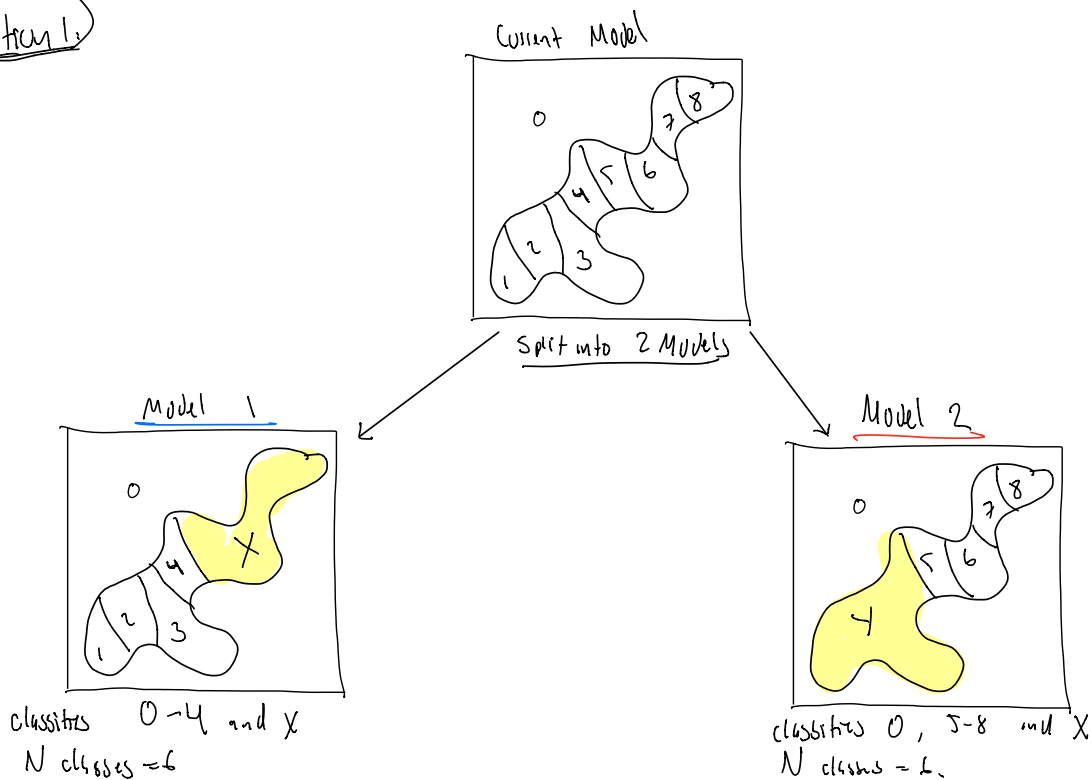


classes = {0, 1, 2, 3, 4, 5, 6, 7, 8}  $\rightarrow$  too many classes!  
 - low accuracy

Option 1:

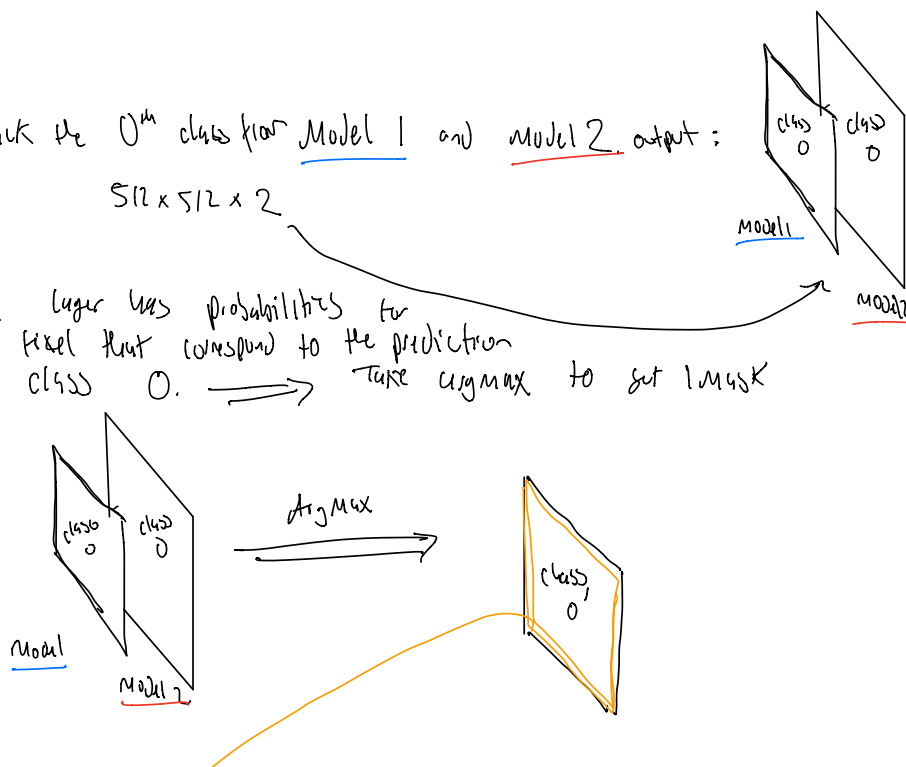


Steps

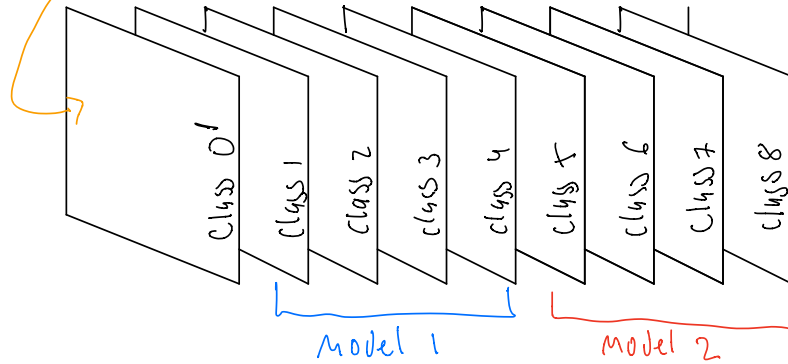
- Stack the 0<sup>th</sup> class from Model 1 and Model 2 output:

$512 \times 512 \times 2$

each layer has probabilities for each pixel that correspond to the prediction of class 0.  $\Rightarrow$  Take argmax to get mask



② stack all the classes to create  $512 \times 512 \times 9$



③ take arg max of  $512 \times 512 \times 9$  to create  $\Rightarrow 512 \times 512 \times 1$   
Thus giving us our predicted mask from TWO models.