**Arteriolosclerosis classification 3-fold cross validation model hyperparameters**

* batch\_size = 30
* epochs = 50
* learning\_rate = 1e-3
* learning\_ratio = 0.99
* loss = tf.keras.losses.SparseCategoricalCrossentropy(from\_logits=True)
* Training time: about 129 hours
* Inference time: about 12 hours

**Blood vessel detection and arteriolosclerotic vessel segmentation model hyperparameters**

* batch\_size = 30
* epochs = 50
* learning\_rate = 1e-2/5
* learning\_ratio = 0.99
* loss = jerry\_losses.focal\_dice\_like\_loss\_multiclass\_weighted
* Training time: about 54 hours
* Inference time: about 8 hours

**jerry\_losses.focal\_dice\_like\_loss\_multiclass\_weighted**





