**MODEL: ResNet50**

---------------------------------------Model parameters-------------------------------

METRIC: Quadratic Weighted Kappa Score

HEIGHT = 224

WIDTH = 224

CANAL = 3

BATCH\_SIZE = 16

N\_CLASSES = 5

LOSS\_FUNCTION = cross-entropy

# WARMUP PHASE

WARMUP\_EPOCHS = 5

START\_WARMUP\_LEARNING\_RATE = 1/5e^-3

MAX\_WARMUP\_LEARNING\_RATE = 1e-3

# FINE TUNE PHASE

EPOCHS = 30

START\_LEARNING\_RATE = 6e^-5

DECAY\_DROP = 0.5