# 配置文件yaml根据实验不同而选择

export CONFIG=./official/projects/deepmac\_maskrcnn/configs/experiments/deep\_mask\_head\_rcnn\_voc\_r50.yaml

export MODEL\_DIR="gs://deep-mapan-train/checkpoint/mrcnn/default"

export MODEL\_DIR="gs://deep-mapan-train/checkpoint/mrcnn/gt-only"

export MODEL\_DIR="gs://deep-mapan-train/checkpoint/panet/bpa"

export MODEL\_DIR="gs://deep-mapan-train/checkpoint/panet/bpa+afp"

export CONFIG=./official/projects/deepmac\_maskrcnn/configs/experiments/deep\_mask\_head\_rcnn\_voc\_r50\_ff.yaml

export MODEL\_DIR="gs://deep-mapan-train/checkpoint/panet/all"

export CONFIG=./official/projects/deepmac\_maskrcnn/configs/experiments/deep\_mask\_head\_rcnn\_voc\_r50\_hg20.yaml

export MODEL\_DIR="gs://deep-mapan-train/checkpoint/mapan/hg20"

export CONFIG=./official/projects/deepmac\_maskrcnn/configs/experiments/deep\_mask\_head\_rcnn\_voc\_r50\_hg52.yaml

export MODEL\_DIR="gs://deep-mapan-train/checkpoint/mapan/hg52"

# 固定的数据路径

# train2017-?????-of-00100.tfrecord val2017-?????-of-00100.tfrecord

# export TRAIN\_DATA="gs://deep-mapan-train/tf\_data/coco/train2017/train2017\*"

# export EVAL\_DATA="gs://deep-mapan-train/tf\_data/coco/val2017/val2017\*"

export TRAIN\_DATA="gs://deep-mapan-train/tf\_data/coco/train/train2017-?????-of-00256.tfrecord"

export EVAL\_DATA="gs://deep-mapan-train/tf\_data/coco/val/val2017-?????-of-00032.tfrecord "

export ANNOTAION\_FILE="gs://deep-mapan-train/tf\_data/coco/ instances\_val2017.json"

export TPU\_NAME="tputest"

export OVERRIDES="task.validation\_data.input\_path=${EVAL\_DATA},\

task.train\_data.input\_path=${TRAIN\_DATA},\

task.annotation\_file=${ANNOTAION\_FILE},\

runtime.distribution\_strategy=tpu"

# --mode=train\_and\_eval \

python3 -m official.projects.deepmac\_maskrcnn.train \

--logtostderr \

--mode=train \

--experiment=deep\_mask\_head\_rcnn\_resnetfpn\_coco \

--model\_dir=$MODEL\_DIR \

--config\_file=$CONFIG \

--params\_override=$OVERRIDES\

--tpu=$TPU\_NAME

# debug模式，仅创建模型，不运行

python3 -m official.projects.deepmac\_maskrcnn.train\_test \

--logtostderr \

--mode=train\_and\_eval \

--experiment=deep\_mask\_head\_rcnn\_resnetfpn\_coco \

--model\_dir=$MODEL\_DIR \

--config\_file=$CONFIG \

--params\_override=$OVERRIDES\

--tpu=$TPU\_NAME