# 思路说明材料

## 1. 文档内容提取常用的技术方案

### 1.1 常用方案

（1）基于Python的合同关键信息提取方案。

方案简介：通过分析一些供应商加工制造合同，利用 Python代码对加工制造合同里的关键信息进行提取，然后再自动生成相应的生产进度管理表格，初步实现合同的自动化管理。

具体步骤如下：

1）先导入相关的工程合同，对之前确定好的关键信息进行正则表达式匹配；

2）遍历整个word文档提取关键信息；

3）依据设备生产进度管理的需求和实际情况，设计表格并利用正则表达式进行匹配；

4）生成一个字典用来存储表格内容，然后读取合同文档中的相关设备表格，将信息一一对应填入字典中，最后生成所需要的表格。

参考文献：伍依依,张入通,娄亚军等.面向工程合同的信息自动提取与管理系统研究[J].制造业自动化,2021,43(12):6-9.

1. 将 PDF 文档转储为 TXT 和 XML 格式文档的解决方案。

方案简介：通过TXT 格式转换模块基于 PDF 文档结构特点，提出了一种新的解析思路，通过忽略次要信息来定位关键位置。在这个基础上，对几种过滤器处理的数据流给出了具体的解决方案。其中涉及到开源工具 PDF-Box的应用，阐述了如何从源代码中取出正文内容字符串流并进行解码。XML 转换模块通过对大量 PDF 文档的总结，定义了一种新的标记规则，建立了该标记规则到XML模式的一种映射，实现一种从PDF格式到XML格式的转换方法。

参考文献：刘现营. 面向医疗知识的PDF文本内容提取系统设计与实现[D].哈尔滨工业大学,2019.

1. 结合深度学习和直线检测、连通区域计算的分割识别算法方案。

方案简介：

1） 文档图像预处理。考虑到文档图像的多样性和采集图像过程中产生的干扰，研究相关算法并对输入图像进行预处理，以减少对文档图像版面分析质量产生影响的因素。本文在研究和对比部分预处理算法后，采用 Sauvola 算法进行图像的二值化操作，采用双边滤波对图像进行去噪，并使用最近邻簇法进行文档图像的版面倾斜校正。

2）无表格线表格区域检测。本文研究了 YOLO 系列深度神经网络算法，并对YOLOv5 神经网络结构进行深入研究，在原有网络结构上进行改进，删除了用于小目标检测的网络结构，在预测框损失计算上改用距离-交并比损失函数，并利用K-means 算法重新计算了网络训练的初始锚框，使网络更加适用于无表格线表格区域的检测，提升了网络的平均精度均值和训练速度。实现了银行表单、财务报表中无表格线表格区域的识别与提取。

3）基于直线检测和连通区域的版面分割。研究复杂文档图像中长直线段的提取，改进了 EDLines 算法，减少了对短直线段的计算。并根据长直线段的特征对直线进行组合，提取文档图像中的特定区域。通过连通区域计算分离出文档图像中面积较大的连通区域。

4） 复杂文档图像区域内容识别。在对文档图像进行区域分割后，根据表格、图形、图片区域的固定特征研究、设计算法对分割后的区域进行识别分类。本文运用直线分析、投影分析等算法提取出有线表、图片等版面基元，随后使用自适应阈值的游程平滑算法对文字区域进行合并提取。设计算法和策略对表格、图片区域周边文字进行整合，提高图表区域提取的完整性，对获得特殊文字区域进行二次判断，将错误划分区域进行校正。

参考文献：刘智成. 复杂版面文档图像内容提取关键算法研究[D].南昌航空大学,2023.DOI:10.27233/d.cnki.gnchc.2021.000070.

1. 基于多模态的数字PDF和基于图像识别的扫描PDF格式分析与内容提取算法方案。

方案简介：

首先，获取 PDF 页面整体图像进行图像识别。其次，为获得页面图像中文本、表格和图片的区域位置，设计 PEOD 神经网络模块检测三类目标区域；设计字符识别模块以获取文本和表格区域中的字符；设计后处理模块按序、按结构整合文本、表格和图片的多模态内容。

参考文献：邓锦瑜. 多模态下PDF文献的格式分析与内容提取算法研究[D].中国石油大学(北京),2022.DOI:10.27643/d.cnki.gsybu.2022.000965.

### 1.2 我们场景的特殊性是什么

（1）文档涵盖了四种文件格式（WORD，EXCEL，PDF，图片）和二十四种内容类型，这意味着文档中涉及到了各种不同的信息形式和数据结构，使得整个文档的内容变得非常多样且具有挑战性。

（2）内容提取的字段可能分布在文档不同的位置，这种位置的不统一性会增加字段提取的难度。此外，字段提取的复杂性还受到其他因素的影响，例如文本结构的多样性、格式的差异以及语言表达的变化等。

（3）在进行字段提取时，常常会遇到字段名称存在多种不同称呼的情况，例如合同名、合同名称；编号、合同编号等。此外，有时候键值名也可能存在模糊的情况，这会增加训练模型的难度和复杂性。

（4）处理文件输入时存在复杂多样的情况，包括格式不统一、结构混乱等问题，因此需要具备极强的扩展性来适应各种场景要求。

（5）场景需要大量模型且对调用的并发性要求高，但限制条件是模型只能部署在单台服务器，受制于模型只能部署在单台服务器的限制，需要寻找其他优化和扩展方案来提高系统的性能和效率。

### 1.3 常用方案在我们场景的适用性

**方案一：基于Python的合同关键信息提取方案。**

1）正则表达式匹配存在局限性：正则表达式虽然可以用于匹配特定模式的文本，但对于格式多样、结构复杂的合同文档，正则表达式可能无法完全覆盖所有情况，导致信息提取不完整或错误。

2）对于非结构化文档的处理能力有限：如果合同文档的格式不规范或结构混乱，遍历整个文档提取关键信息的方法可能效率低下且容易出错。

3）表格设计和匹配可能不够灵活：依据设备生产进度管理的需求设计表格时，如果需求发生变化或实际情况复杂多变，使用正则表达式进行匹配的方法可能不够灵活，难以满足多样化的数据处理需求。

4）字典存储表格内容的局限性：使用字典存储表格内容可能会导致数据结构不够规范化，不利于后续数据处理和管理。

5）可维护性和扩展性较差：当前方案依赖于具体的正则表达式和固定的数据处理流程，一旦需求变化或合同格式发生调整，可能需要大量修改代码，维护和扩展成本较高。

**方案二：一种将 PDF 文档转储为 TXT 和 XML 格式文档的解决方案。**

1）对于非结构化PDF文档或复杂的文档结构，解析思路可能无法准确定位关键位置，导致解析结果不准确或丢失重要信息。

2）忽略次要信息可能会导致一些相关内容被误判为次要信息而被过滤掉，从而影响解析结果的完整性和准确性。

3）从源代码中提取正文内容字符串流并进行解码可能会受到PDF文件格式变化的影响，需要保证解码方法的稳定性和适用性。

4）XML转换模块定义的标记规则可能仅适用于特定类型的PDF文档，对于其他类型的文档可能无法有效转换或导致数据损失。

5）该方案可能需要针对不同的PDF文档进行个性化的配置和调整，增加了使用成本和复杂性。

**方案三：一种结合深度学习和直线检测、连通区域计算的分割识别算法**。

1）多列和变换排版：如果文档具有多列布局，或者使用了不同的字体、字号和格式，方案可能无法准确提取特定区域的内容。该方案可能会将不同列的内容混合在一起，导致提取结果不准确。

2）非常规布局：对于具有非常规布局的文档，如交叉文本、倾斜文本或具有复杂图形和表格的文档，方案可能无法正确识别和提取内容。这是因为方案主要基于板面分割和区域内容识别算法，这些算法可能对于非常规布局的文档处理能力有限。

3）干扰项的存在：在复杂文件中，可能存在大量的干扰项，如背景图像、水印、噪声等。这些干扰项可能会对方案的区域分割和内容提取过程造成困扰，导致提取结果的准确性下降。

**方案四：基于多模态的数字PDF和基于图像识别的扫描PDF格式分析与内容提取算法方案。**

1）对内容提取的模块没有进行聚焦，内容提取会提取到大量的干扰选项，对正确的提取文档的内容造成极大的影响。

2）对于低质量的文档图像效果不佳：该方案主要基于图像识别技术实现内容提取，因此其准确性和效果受到输入图像质量的影响。如果文档图像质量较低，如模糊、失真或者光照不均等情况，方案可能无法提取出准确的内容。

3）对于非标准格式的文档处理能力有限：该方案主要针对标准的 PDF 文档进行处理，对于非标准格式的文档，如包含多种排版方式和字体、多列布局等情况，方案的处理能力可能会受到限制。

4）存在一定的误差和不确定性：由于文档内容提取是基于图像识别技术实现的，因此存在一定的误差和不确定性。例如，在字符识别中可能会出现字体模糊、字形相似等情况，从而导致识别错误。这些误差和不确定性可能会对最终提取结果产生一定的影响。

### 1.4 针对当前场景的解决方案过程

#### 1.4.1 文档元素解析

文档元素解析是指对文档中的各种元素（如文字、图像、表格等）进行识别、提取和处理的过程。通过文档元素解析，可以将文档内容转换为结构化的数据，便于后续处理和分析。通过对文档元素进行全面解析，可以实现文档内容的深度理解和分析，为用户提供更加丰富和有用的信息。

|  |  |
| --- | --- |
| 文档类型 | 内容元素 |
| 合同类文件 PDF | 封面，居中标题，左对齐标题，表格，表格名，图片，图片名，页码，公章，手写体文字，艺术签名，印章签名，手写体数字，目录 |
| 技术类-施工蓝图 PDF | 居中标题，设计LOGO，表格，表格名，图纸，图例，图纸注释，图纸比例尺，手写体文字。 |
| 技术类-变更联系单 Image | 居中标题，公章，表格，表格名 |
| 技术类-设代日志 Word | 表格，表格名，居中标题 |
| 质量类-质量检测/混凝土检测强度报告 PDF | 二维码，居中标题，表格，表格名，页码 |
| 质量类-质量评定/单元工程评定表 Image | 居中标题，表格，表格名，手写体文字，手写体数字，艺术签名，勾选框 |
| 质量类-隐蔽工程验收 Image | 居中标题，表格，表格名，手写体文字，手写体数字，艺术签名，勾选框 |
| 安全类-地质超前预报 PDF | 居中标题，图片，手写体文字，艺术签名，单选框，公章 |
| 安全类-围岩类别会签 Image | 居中标题，表格，表格名，手写体文字，艺术签名 |
| 安全类-爆破日志结构化 WORD | 表格，表格名，居中标题，页眉，图片 |
| 安全类-安全日志 Image | 居中标题，表格，表格名，手写体文字，勾选框 |
| 安全类-监理旁站 Image | 居中标题，表格，表格名，手写体文字，勾选框 |
| 安全类-安全监测-拱顶沉降 EXCEL | 表格，表格名 |
| 安全类-安全监测-拱顶沉降 Image | 表格，表格名 |
| 安全类-安全监测-锚杆应力计 EXCEL | 表格，表格名 |
| 安全类-安全监测-锚杆应力计 Image | 表格，表格名 |
| 安全类-安全监测-多点位移计 EXCEL | 表格，表格名 |
| 安全类-安全监测-多点位移计 Image | 表格，表格名，超链接，图表 |
| 进度类-施工月报 Image | 手写体文字，艺术签名，手写体数字，表格，表格名，图片，页眉 |
| 进度类-监理月报 Image | 封面，居中标题，左对齐标题，表格，表格名，图片，图片名，页码，公章，手写体文字，艺术签名，印章签名，手写体数字，目录 |
| 进度类-进度款申报/付款审核汇总表 Image | 居中标题，手写体文字，艺术签名，手写体数字，表格，表格名，公章 |
| 综合类-会务管理 Image | 居中标题，公章 |
| 综合类-大事记 Word | 纯文字 |

#### 1.4.2 结构化Word格式文档内容提取

结构化Word格式文档内容提取是指从Word文档中自动抽取和获取有组织、有意义的信息的过程。Word文档通常包含多种元素，如标题、段落、表格、图像等，而结构化内容提取可以帮助我们将这些元素转化为易于理解和处理的数据形式。

通过结构化文档内容提取，我们可以精确地识别和提取出文档中的各个部分，并将其转换为适合进一步处理和分析的结构化数据。例如，对于文字内容，我们可以提取出标题、段落、列表等元素，从而更好地理解文档的结构和主题。对于表格，我们可以准确地抽取出表头、行列数据，以便进行后续的数据分析。

**文档所需聚焦元素：**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 技术类-设代日志 Word | 安全类-爆破日志结构化 WORD | 综合类-大事记 Word |
| 表格 | ✔ | ✔ |  |
| 表格名 | ✔ | ✔ |  |
| 居中标题 | ✔ | ✔ |  |
| 页眉 |  | ✔ |  |
| 图片 |  | ✔ |  |
| 纯文字 |  |  | ✔ |

**.聚焦算法：**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 表格检测 | 版式分析 | 文本分类 |
| 表格 | ✔ | ✔ |  |
| 表格名 |  |  | ✔ |
| 居中标题 |  |  | ✔ |
| 页眉 |  | ✔ | ✔ |
| 图片 |  | ✔ |  |
| 纯文字 |  | ✔ | ✔ |

**提取内容：**

|  |  |  |  |
| --- | --- | --- | --- |
|  | UIE | KIE | UIE-X |
| 表格单元格完整内容 |  | ✔ | ✔ |
| 表格单元格的段落 | ✔ | ✔ | ✔ |
| 表格单元格的句子 | ✔ | ✔ | ✔ |
| 表格单元格的词语 | ✔ | ✔ | ✔ |
| 表格单元格的字 | ✔ | ✔ | ✔ |
| 文字段落 | ✔ |  |  |
| 文字段落的句子 | ✔ |  |  |
| 文字段落的词语 | ✔ |  |  |
| 文字段落的字 | ✔ |  |  |

#### 1.4.3 结构化Excel格式文档提取

结构化Excel格式文档内容提取是指从Excel电子表格中自动获取并整理有组织的数据的过程。Excel表格通常包含多个工作表、行、列以及单元格，而结构化内容提取可以帮助我们将这些数据转换为易于理解和处理的结构化格式。

通过结构化Excel格式文档内容提取，我们可以精确地识别和提取出表格中的各个部分，并将其转换为适合进一步处理和分析的数据形式。例如，对于数据表格，我们可以准确地提取出表头、行列数据，甚至进行数据清洗和转换，以便进行后续的数据分析和可视化。对于工作表中的公式和函数，我们可以将其解析为可执行的计算逻辑，从而更好地理解工作表中的数据处理过程。

**文档所需聚焦元素：**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 安全类-安全监测-拱顶沉降 | 安全类-安全监测-锚杆应力计 | 安全类-安全监测-多点位移计 |
| 表格 | ✔ | ✔ | ✔ |
| 表格名 | ✔ | ✔ | ✔ |
| 超链接 |  |  | ✔ |
| 图表 |  |  | ✔ |

**.聚焦算法：**

|  |  |  |
| --- | --- | --- |
|  | 表格检测 | 版式分析 |
| 表格 | ✔ | ✔ |
| 表格名 |  | ✔ |
| 超链接 |  | ✔ |
| 图表 |  | ✔ |

**提取内容：**

|  |  |  |  |
| --- | --- | --- | --- |
|  | UIE | KIE | UIE-X |
| 表格单元格完整内容 |  | ✔ | ✔ |
| 表格单元格的段落 | ✔ | ✔ | ✔ |
| 表格单元格的句子 | ✔ | ✔ | ✔ |
| 表格单元格的词语 | ✔ | ✔ | ✔ |
| 表格单元格的字 | ✔ | ✔ | ✔ |

#### 1.4.4 非结构化PDF格式文件&非结构化Image格式文件 内容提取

PDF文件和图像文件都属于无结构化的文件类型。在处理这些文件时，我们面临着一些挑战，主要是PDF文件可能包含经过数字化的文本或以图像形式嵌入的文件。为了更好地处理这些文件，我们采用了一致的方法，即将PDF文件转换为一组图像文件，并进行进一步的处理。

首先，针对PDF文件，需要将PDF文件转换为一组图像文件。这样可以确保我们能够处理其中的图像内容，再通过OCR（Optical Character Recognition，光学字符识别）技术将其转换为可编辑的文本。OCR技术能够识别图像中的文字，并将其转换为可搜索和编辑的文本格式。

在处理转换后的图像文件时，我们使用混淆聚焦的局部UIE（Unstructured Information Extraction，无结构信息提取）算法和UIE-X识别算法。局部UIE算法通过识别和提取图像中的特定区域或对象，帮助我们整理和提取有用的信息。UIE-X识别算法进一步扩展了这个概念，通过更复杂的模式匹配和特征提取，识别并提取出更多的结构化信息。

这些算法的综合应用使我们能够更准确地处理和识别转换后的图像文件中的内容。通过将PDF文件转换为图像文件，并应用多种算法进行处理和识别，我们能够更好地处理这些无结构化的文件，提高数据处理的准确性和效率。

**文档所需聚焦元素：**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 合同类文件 | 施工蓝图 | 变更联系单 | 质量检测/混凝土检测强度报告 | 质量评定/单元工程评定表 | 爆破日志 | 安全日志/监理旁站 | 施工月报 | 监理月报 | 进度款申报/付款审核汇总表 | 会务管理 |
| 封面 | ✔ |  |  |  |  |  |  |  | ✔ |  |  |
| 居中标题 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |  | ✔ | ✔ | ✔ |
| 左对齐标题 | ✔ |  |  |  |  |  |  |  | ✔ |  |  |
| 表格 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |  |
| 表格名 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |  |
| 图片 | ✔ | ✔ |  |  |  | ✔ |  | ✔ | ✔ |  |  |
| 图片名 | ✔ | ✔ |  |  |  | ✔ |  | ✔ | ✔ |  |  |
| 页码 | ✔ |  |  |  |  |  |  |  | ✔ |  |  |
| 公章 | ✔ |  | ✔ | ✔ | ✔ |  |  |  | ✔ | ✔ | ✔ |
| 手写体文字 | ✔ | ✔ |  |  | ✔ |  | ✔ | ✔ | ✔ | ✔ |  |
| 艺术签名 | ✔ |  |  |  | ✔ |  |  | ✔ | ✔ | ✔ |  |
| 手写体数字 | ✔ |  |  |  | ✔ |  |  | ✔ | ✔ | ✔ |  |
| 目录 | ✔ |  |  |  |  |  |  |  | ✔ |  |  |
| 设计LOGO |  | ✔ |  |  |  |  |  |  |  |  |  |
| 图纸 |  | ✔ |  |  |  |  |  |  |  |  |  |
| 图例 |  | ✔ |  |  |  |  |  |  |  |  |  |
| 图纸注释 |  | ✔ |  |  |  |  |  |  |  |  |  |
| 图纸比例尺 |  | ✔ |  |  |  |  |  |  |  |  |  |
| 二维码 |  |  |  | ✔ |  |  |  |  |  |  |  |
| 页码 | ✔ |  |  | ✔ |  |  |  |  |  |  |  |
| 勾选框 |  |  |  |  | ✔ |  | ✔ |  |  |  |  |
| 页眉 |  |  |  |  |  |  |  | ✔ |  |  |  |

**聚焦算法：**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 图像分类 | 文本分类 | 文字识别 | 版面分析 | 表格检测 |
| 封面 | ✔ |  | ✔ | ✔ |  |
| 居中标题 |  | ✔ | ✔ |  |  |
| 左对齐标题 |  | ✔ | ✔ |  |  |
| 表格 |  |  |  | ✔ | ✔ |
| 表格名 |  |  | ✔ |  |  |
| 图片 |  |  |  | ✔ |  |
| 图片名 |  | ✔ | ✔ |  |  |
| 页码 |  | ✔ |  |  |  |
| 公章 |  |  |  | ✔ |  |
| 手写体文字 |  |  | ✔ |  |  |
| 艺术签名 |  |  |  | ✔ |  |
| 手写体数字 |  |  | ✔ |  |  |
| 目录 | ✔ |  |  | ✔ |  |
| 设计LOGO |  |  |  | ✔ |  |
| 图纸 |  |  |  | ✔ |  |
| 图纸注释 |  |  | ✔ |  |  |
| 图纸比例尺 |  |  |  |  |  |
| 二维码 |  |  |  | ✔ |  |

**提取内容：**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | UIE | KIE | UIE-X | 文字识别 |
| 表格单元格完整内容 |  | ✔ | ✔ |  |
| 表格单元格的段落 | ✔ | ✔ | ✔ |  |
| 表格单元格的句子 | ✔ | ✔ | ✔ |  |
| 表格单元格的词语 | ✔ | ✔ | ✔ |  |
| 表格单元格的字 | ✔ | ✔ | ✔ |  |
| 文字段落 | ✔ |  |  |  |
| 文字段落的句子 | ✔ |  |  |  |
| 文字段落的词语 | ✔ |  |  |  |
| 文字段落的字 | ✔ |  |  |  |
| 手写体数字 |  |  |  | ✔ |
| 手写体文字 |  |  |  | ✔ |

### 1.5 实验模型

#### 1.5.1 表格检测

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 模型名称 | mAPval  0.5:0.95 | mAR  0.5:0.95 | Best ap | Model size | Batch size | Learning Rate | Epoch |
| CSPDarkNet+FPN+YOLOXHead | 0.926 | 0.854 | 0.928 | 378mb | 8 | 0.01 | 100 |
| CSPDarkNet+FPN+YOLOXHead | 0.919 | 0.845 | 0.919 | 378mb | 4 | 0.001 | 100 |
| CSPDarkNet+FPN+YOLOXHead | 0.786 | 0.754 | 0.831 | 378mb | 2 | 0.001 | 100 |
| EfficientNet+FPN+YOLOXHead | 0.756 | 0.714 | 0.761 | 34.6mb | 8 | 0.01 | 100 |
| EfficientNet+FPN+YOLOXHead | 0.719 | 0.701 | 0.719 | 34.6mb | 4 | 0.001 | 100 |
| EfficientNet+FPN+YOLOXHead | 0.696 | 0.690 | 0.696 | 34.6mb | 2 | 0.001 | 100 |
| CSPDarkNet+PAN+YOLOXHead | 0.941 | 0.863 | 0.941 | 97mb | 8 | 0.01 | 100 |
| CSPDarkNet+FPN+YOLOXHead | 0.897 | 0.840 | 0.897 | 97mb | 4 | 0.001 | 100 |
| CSPDarkNet+FPN+YOLOXHead | 0.638 | 0.625 | 0.727 | 97mb | 2 | 0.001 | 100 |

##### 1.5.1.1 CSPDarkNet+FPN+YOLOXHead-8

[02/26 09:56:49] ppdet.engine INFO: Epoch: [0] [300/345] learning\_rate: 0.000302 loss: 11.721324 loss\_cls: 1.892699 loss\_obj: 6.362566 loss\_iou: 0.712420 loss\_l1: 0.000000 size: 608.000000 eta: 10:46:18 batch\_cost: 0.9877 data\_cost: 0.6800 ips: 8.0993 images/s

[02/26 10:02:38] ppdet.engine INFO: Epoch: [1] [300/345] learning\_rate: 0.001398 loss: 9.200897 loss\_cls: 0.811181 loss\_obj: 5.065160 loss\_iou: 0.669445 loss\_l1: 0.000000 size: 672.000000 eta: 9:53:16 batch\_cost: 0.9727 data\_cost: 0.6088 ips: 8.2245 images/s

[02/26 10:08:18] ppdet.engine INFO: Epoch: [2] [300/345] learning\_rate: 0.003294 loss: 7.566820 loss\_cls: 0.670583 loss\_obj: 3.862249 loss\_iou: 0.605159 loss\_l1: 0.000000 size: 640.000000 eta: 9:28:14 batch\_cost: 0.9342 data\_cost: 0.5897 ips: 8.5639 images/s

[02/26 10:14:27] ppdet.engine INFO: Epoch: [3] [300/345] learning\_rate: 0.005989 loss: 6.237200 loss\_cls: 0.633604 loss\_obj: 2.896024 loss\_iou: 0.541926 loss\_l1: 0.000000 size: 688.000000 eta: 9:13:45 batch\_cost: 0.9950 data\_cost: 0.6359 ips: 8.0405 images/s

[02/26 10:20:20] ppdet.engine INFO: Epoch: [4] [300/345] learning\_rate: 0.009485 loss: 5.756067 loss\_cls: 0.619839 loss\_obj: 2.470680 loss\_iou: 0.518252 loss\_l1: 0.000000 size: 544.000000 eta: 9:06:44 batch\_cost: 0.9951 data\_cost: 0.7032 ips: 8.0391 images/s

[02/26 10:26:14] ppdet.engine INFO: Epoch: [5] [300/345] learning\_rate: 0.010000 loss: 5.228976 loss\_cls: 0.601770 loss\_obj: 2.217384 loss\_iou: 0.486476 loss\_l1: 0.000000 size: 608.000000 eta: 9:00:37 batch\_cost: 1.0028 data\_cost: 0.6608 ips: 7.9780 images/s

[02/26 10:32:18] ppdet.engine INFO: Epoch: [6] [300/345] learning\_rate: 0.009999 loss: 4.742449 loss\_cls: 0.571780 loss\_obj: 1.956966 loss\_iou: 0.446531 loss\_l1: 0.000000 size: 576.000000 eta: 8:51:00 batch\_cost: 0.9645 data\_cost: 0.6571 ips: 8.2941 images/s

[02/26 10:37:58] ppdet.engine INFO: Epoch: [7] [300/345] learning\_rate: 0.009998 loss: 4.585567 loss\_cls: 0.560058 loss\_obj: 1.867784 loss\_iou: 0.432118 loss\_l1: 0.000000 size: 592.000000 eta: 8:42:40 batch\_cost: 0.9573 data\_cost: 0.6549 ips: 8.3565 images/s

[02/26 10:43:41] ppdet.engine INFO: Epoch: [8] [300/345] learning\_rate: 0.009996 loss: 4.454398 loss\_cls: 0.545965 loss\_obj: 1.799130 loss\_iou: 0.416456 loss\_l1: 0.000000 size: 704.000000 eta: 8:35:33 batch\_cost: 0.9737 data\_cost: 0.6044 ips: 8.2159 images/s

[02/26 10:50:00] ppdet.engine INFO: Epoch: [9] [300/345] learning\_rate: 0.009993 loss: 4.328094 loss\_cls: 0.542448 loss\_obj: 1.691062 loss\_iou: 0.411731 loss\_l1: 0.000000 size: 640.000000 eta: 8:28:15 batch\_cost: 0.9503 data\_cost: 0.6006 ips: 8.4183 images/s

[02/26 10:55:44] ppdet.engine INFO: Epoch: [10] [300/345] learning\_rate: 0.009990 loss: 4.176157 loss\_cls: 0.529304 loss\_obj: 1.629793 loss\_iou: 0.392086 loss\_l1: 0.000000 size: 640.000000 eta: 8:21:53 batch\_cost: 0.9528 data\_cost: 0.6120 ips: 8.3959 images/s

[02/26 11:01:31] ppdet.engine INFO: Epoch: [11] [300/345] learning\_rate: 0.009986 loss: 4.036435 loss\_cls: 0.519165 loss\_obj: 1.570208 loss\_iou: 0.390538 loss\_l1: 0.000000 size: 704.000000 eta: 8:15:57 batch\_cost: 0.9792 data\_cost: 0.6343 ips: 8.1703 images/s

[02/26 11:07:39] ppdet.engine INFO: Epoch: [12] [300/345] learning\_rate: 0.009981 loss: 3.876007 loss\_cls: 0.516877 loss\_obj: 1.452764 loss\_iou: 0.381471 loss\_l1: 0.000000 size: 624.000000 eta: 8:09:24 batch\_cost: 0.9655 data\_cost: 0.6225 ips: 8.2862 images/s

[02/26 11:13:25] ppdet.engine INFO: Epoch: [13] [300/345] learning\_rate: 0.009976 loss: 3.670943 loss\_cls: 0.500527 loss\_obj: 1.345129 loss\_iou: 0.363768 loss\_l1: 0.000000 size: 640.000000 eta: 8:03:29 batch\_cost: 0.9835 data\_cost: 0.6562 ips: 8.1339 images/s

[02/26 11:19:05] ppdet.engine INFO: Epoch: [14] [300/345] learning\_rate: 0.009971 loss: 3.614672 loss\_cls: 0.487536 loss\_obj: 1.338684 loss\_iou: 0.352274 loss\_l1: 0.000000 size: 672.000000 eta: 7:57:10 batch\_cost: 0.9532 data\_cost: 0.6151 ips: 8.3924 images/s

[02/26 11:26:42] ppdet.engine INFO: Epoch: [15] [300/345] learning\_rate: 0.009965 loss: 3.676859 loss\_cls: 0.497366 loss\_obj: 1.380891 loss\_iou: 0.358591 loss\_l1: 0.000000 size: 688.000000 eta: 7:58:29 batch\_cost: 1.3056 data\_cost: 0.9321 ips: 6.1273 images/s

[02/26 11:34:18] ppdet.engine INFO: Epoch: [16] [300/345] learning\_rate: 0.009958 loss: 3.521152 loss\_cls: 0.487623 loss\_obj: 1.271552 loss\_iou: 0.351269 loss\_l1: 0.000000 size: 704.000000 eta: 8:01:04 batch\_cost: 1.2845 data\_cost: 0.9367 ips: 6.2281 images/s

[02/26 11:42:00] ppdet.engine INFO: Epoch: [17] [300/345] learning\_rate: 0.009951 loss: 3.373388 loss\_cls: 0.470875 loss\_obj: 1.196956 loss\_iou: 0.338258 loss\_l1: 0.000000 size: 544.000000 eta: 8:02:54 batch\_cost: 1.3120 data\_cost: 0.9973 ips: 6.0977 images/s

[02/26 11:49:13] ppdet.engine INFO: Epoch: [18] [300/345] learning\_rate: 0.009943 loss: 3.355791 loss\_cls: 0.477541 loss\_obj: 1.168622 loss\_iou: 0.341177 loss\_l1: 0.000000 size: 528.000000 eta: 7:59:25 batch\_cost: 0.9405 data\_cost: 0.6448 ips: 8.5060 images/s

[02/26 11:54:48] ppdet.engine INFO: Epoch: [19] [300/345] learning\_rate: 0.009934 loss: 3.100309 loss\_cls: 0.471043 loss\_obj: 0.989933 loss\_iou: 0.329717 loss\_l1: 0.000000 size: 512.000000 eta: 7:51:26 batch\_cost: 0.9415 data\_cost: 0.6782 ips: 8.4970 images/s

[02/26 12:00:24] ppdet.engine INFO: Epoch: [20] [300/345] learning\_rate: 0.009925 loss: 3.251786 loss\_cls: 0.461190 loss\_obj: 1.125337 loss\_iou: 0.324826 loss\_l1: 0.000000 size: 704.000000 eta: 7:43:46 batch\_cost: 0.9364 data\_cost: 0.5915 ips: 8.5435 images/s

[02/26 12:06:19] ppdet.engine INFO: Epoch: [21] [300/345] learning\_rate: 0.009915 loss: 3.246033 loss\_cls: 0.464999 loss\_obj: 1.178287 loss\_iou: 0.329976 loss\_l1: 0.000000 size: 704.000000 eta: 7:36:03 batch\_cost: 0.9575 data\_cost: 0.5962 ips: 8.3554 images/s

[02/26 12:11:54] ppdet.engine INFO: Epoch: [22] [300/345] learning\_rate: 0.009905 loss: 3.160106 loss\_cls: 0.459984 loss\_obj: 1.080962 loss\_iou: 0.321349 loss\_l1: 0.000000 size: 688.000000 eta: 7:28:41 batch\_cost: 0.9416 data\_cost: 0.5900 ips: 8.4959 images/s

[02/26 12:17:31] ppdet.engine INFO: Epoch: [23] [300/345] learning\_rate: 0.009894 loss: 2.975355 loss\_cls: 0.450064 loss\_obj: 0.963279 loss\_iou: 0.311301 loss\_l1: 0.000000 size: 640.000000 eta: 7:21:38 batch\_cost: 0.9352 data\_cost: 0.6071 ips: 8.5541 images/s

[02/26 12:23:28] ppdet.engine INFO: Epoch: [24] [300/345] learning\_rate: 0.009882 loss: 3.002458 loss\_cls: 0.446261 loss\_obj: 0.998687 loss\_iou: 0.315622 loss\_l1: 0.000000 size: 608.000000 eta: 7:14:29 batch\_cost: 0.9430 data\_cost: 0.6373 ips: 8.4835 images/s

[02/26 12:29:06] ppdet.engine INFO: Epoch: [25] [300/345] learning\_rate: 0.009870 loss: 3.164457 loss\_cls: 0.453021 loss\_obj: 1.092956 loss\_iou: 0.316287 loss\_l1: 0.000000 size: 720.000000 eta: 7:07:46 batch\_cost: 0.9535 data\_cost: 0.5937 ips: 8.3905 images/s

[02/26 12:34:43] ppdet.engine INFO: Epoch: [26] [300/345] learning\_rate: 0.009858 loss: 3.126485 loss\_cls: 0.449430 loss\_obj: 1.093009 loss\_iou: 0.312471 loss\_l1: 0.000000 size: 624.000000 eta: 7:01:03 batch\_cost: 0.9373 data\_cost: 0.6099 ips: 8.5350 images/s

[02/26 12:40:39] ppdet.engine INFO: Epoch: [27] [300/345] learning\_rate: 0.009844 loss: 3.026699 loss\_cls: 0.446078 loss\_obj: 1.030074 loss\_iou: 0.312360 loss\_l1: 0.000000 size: 704.000000 eta: 6:54:18 batch\_cost: 0.9433 data\_cost: 0.5868 ips: 8.4807 images/s

[02/26 12:46:17] ppdet.engine INFO: Epoch: [28] [300/345] learning\_rate: 0.009831 loss: 3.001504 loss\_cls: 0.445932 loss\_obj: 0.976741 loss\_iou: 0.310758 loss\_l1: 0.000000 size: 640.000000 eta: 6:47:49 batch\_cost: 0.9389 data\_cost: 0.6096 ips: 8.5207 images/s

[02/26 12:51:52] ppdet.engine INFO: Epoch: [29] [300/345] learning\_rate: 0.009816 loss: 2.755996 loss\_cls: 0.436419 loss\_obj: 0.880410 loss\_iou: 0.294548 loss\_l1: 0.000000 size:

[02/26 12:57:44] ppdet.engine INFO: Epoch: [30] [300/345] learning\_rate: 0.009801 loss: 2.843195 loss\_cls: 0.432308 loss\_obj: 0.912479 loss\_iou: 0.295324 loss\_l1: 0.000000 size: 672.000000 eta: 6:34:38 batch\_cost: 0.9238 data\_cost: 0.5761 ips: 8.6601 images/s

[02/26 13:03:22] ppdet.engine INFO: Epoch: [31] [300/345] learning\_rate: 0.009786 loss: 2.778385 loss\_cls: 0.427912 loss\_obj: 0.887786 loss\_iou: 0.288807 loss\_l1: 0.000000 size: 640.000000 eta: 6:28:24 batch\_cost: 0.9520 data\_cost: 0.6383 ips: 8.4033 images/s

[02/26 13:09:01] ppdet.engine INFO: Epoch: [32] [300/345] learning\_rate: 0.009770 loss: 2.762452 loss\_cls: 0.429365 loss\_obj: 0.866069 loss\_iou: 0.292489 loss\_l1: 0.000000 size: 656.000000 eta: 6:22:12 batch\_cost: 0.9468 data\_cost: 0.6129 ips: 8.4491 images/s

[02/26 13:14:55] ppdet.engine INFO: Epoch: [33] [300/345] learning\_rate: 0.009753 loss: 2.815991 loss\_cls: 0.428798 loss\_obj: 0.887125 loss\_iou: 0.293008 loss\_l1: 0.000000 size: 672.000000 eta: 6:15:51 batch\_cost: 0.9309 data\_cost: 0.5857 ips: 8.5940 images/s

[02/26 13:20:31] ppdet.engine INFO: Epoch: [34] [300/345] learning\_rate: 0.009736 loss: 2.767335 loss\_cls: 0.429409 loss\_obj: 0.906752 loss\_iou: 0.292171 loss\_l1: 0.000000 size: 672.000000 eta: 6:09:40 batch\_cost: 0.9333 data\_cost: 0.6023 ips: 8.5716 images/s

[02/26 13:26:06] ppdet.engine INFO: Epoch: [35] [300/345] learning\_rate: 0.009718 loss: 2.651956 loss\_cls: 0.423446 loss\_obj: 0.841169 loss\_iou: 0.282507 loss\_l1: 0.000000 size: 576.000000 eta: 6:03:28 batch\_cost: 0.9303 data\_cost: 0.6280 ips: 8.5991 images/s

[02/26 13:31:57] ppdet.engine INFO: Epoch: [36] [300/345] learning\_rate: 0.009700 loss: 2.699774 loss\_cls: 0.423242 loss\_obj: 0.830753 loss\_iou: 0.286940 loss\_l1: 0.000000 size: 544.000000 eta: 5:57:14 batch\_cost: 0.9305 data\_cost: 0.6494 ips: 8.5976 images/s

[02/26 13:37:34] ppdet.engine INFO: Epoch: [37] [300/345] learning\_rate: 0.009681 loss: 2.732903 loss\_cls: 0.422578 loss\_obj: 0.836330 loss\_iou: 0.283025 loss\_l1: 0.000000 size: 608.000000 eta: 5:51:12 batch\_cost: 0.9427 data\_cost: 0.6217 ips: 8.4866 images/s

[02/26 13:43:08] ppdet.engine INFO: Epoch: [38] [300/345] learning\_rate: 0.009661 loss: 2.646607 loss\_cls: 0.413592 loss\_obj: 0.832847 loss\_iou: 0.278819 loss\_l1: 0.000000 size: 624.000000 eta: 5:45:08 batch\_cost: 0.9243 data\_cost: 0.6127 ips: 8.6553 images/s

[02/26 13:49:01] ppdet.engine INFO: Epoch: [39] [300/345] learning\_rate: 0.009641 loss: 2.602717 loss\_cls: 0.411470 loss\_obj: 0.804095 loss\_iou: 0.273178 loss\_l1: 0.000000 size: 528.000000 eta: 5:39:01 batch\_cost: 0.9423 data\_cost: 0.6765 ips: 8.4896 images/s

[02/26 13:54:40] ppdet.engine INFO: Epoch: [40] [300/345] learning\_rate: 0.009620 loss: 2.733070 loss\_cls: 0.414543 loss\_obj: 0.878277 loss\_iou: 0.282532 loss\_l1: 0.000000 size: 672.000000 eta: 5:33:08 batch\_cost: 0.9603 data\_cost: 0.6067 ips: 8.3306 images/s

[02/26 14:00:16] ppdet.engine INFO: Epoch: [41] [300/345] learning\_rate: 0.009599 loss: 2.661222 loss\_cls: 0.420809 loss\_obj: 0.873203 loss\_iou: 0.281038 loss\_l1: 0.000000 size: 560.000000 eta: 5:27:11 batch\_cost: 0.9353 data\_cost: 0.6352 ips: 8.5532 images/s

[02/26 14:06:11] ppdet.engine INFO: Epoch: [42] [300/345] learning\_rate: 0.009578 loss: 2.619383 loss\_cls: 0.410892 loss\_obj: 0.814691 loss\_iou: 0.271039 loss\_l1: 0.000000 size: 624.000000 eta: 5:21:14 batch\_cost: 0.9603 data\_cost: 0.6346 ips: 8.3303 images/s

[02/26 14:11:48] ppdet.engine INFO: Epoch: [43] [300/345] learning\_rate: 0.009555 loss: 2.680930 loss\_cls: 0.413636 loss\_obj: 0.841314 loss\_iou: 0.278489 loss\_l1: 0.000000 size: 704.000000 eta: 5:15:22 batch\_cost: 0.9540 data\_cost: 0.5856 ips: 8.3856 images/s

[02/26 14:17:25] ppdet.engine INFO: Epoch: [44] [300/345] learning\_rate: 0.009533 loss: 2.635559 loss\_cls: 0.411077 loss\_obj: 0.822999 loss\_iou: 0.277554 loss\_l1: 0.000000 size:

[02/26 14:23:17] ppdet.engine INFO: Epoch: [45] [300/345] learning\_rate: 0.009509 loss: 2.639616 loss\_cls: 0.409963 loss\_obj: 0.849944 loss\_iou: 0.271033 loss\_l1: 0.000000 size: 768.000000 eta: 5:03:34 batch\_cost: 0.9501 data\_cost: 0.5627 ips: 8.4201 images/s

[02/26 14:28:52] ppdet.engine INFO: Epoch: [46] [300/345] learning\_rate: 0.009485 loss: 2.524318 loss\_cls: 0.397973 loss\_obj: 0.799936 loss\_iou: 0.265762 loss\_l1: 0.000000 size: 640.000000 eta: 4:57:43 batch\_cost: 0.9213 data\_cost: 0.5655 ips: 8.6831 images/s

[02/26 14:34:29] ppdet.engine INFO: Epoch: [47] [300/345] learning\_rate: 0.009461 loss: 2.711240 loss\_cls: 0.416949 loss\_obj: 0.875555 loss\_iou: 0.279363 loss\_l1: 0.000000 size: 544.000000 eta: 4:51:55 batch\_cost: 0.9420 data\_cost: 0.6227 ips: 8.4930 images/s

[02/26 14:40:20] ppdet.engine INFO: Epoch: [48] [300/345] learning\_rate: 0.009436 loss: 2.423344 loss\_cls: 0.396135 loss\_obj: 0.722996 loss\_iou: 0.262905 loss\_l1: 0.000000 size: 608.000000 eta: 4:46:01 batch\_cost: 0.9353 data\_cost: 0.5991 ips: 8.5536 images/s

[02/26 14:45:58] ppdet.engine INFO: Epoch: [49] [300/345] learning\_rate: 0.009411 loss: 2.539719 loss\_cls: 0.401908 loss\_obj: 0.750472 loss\_iou: 0.264678 loss\_l1: 0.000000 size: 592.000000 eta: 4:40:16 batch\_cost: 0.9609 data\_cost: 0.6462 ips: 8.3258 images/s

[02/26 14:51:31] ppdet.engine INFO: Epoch: [50] [300/345] learning\_rate: 0.009385 loss: 2.482368 loss\_cls: 0.397931 loss\_obj: 0.725132 loss\_iou: 0.261883 loss\_l1: 0.000000 size: 512.000000 eta: 4:34:27 batch\_cost: 0.9158 data\_cost: 0.6080 ips: 8.7353 images/s

[02/26 14:57:20] ppdet.engine INFO: Epoch: [51] [300/345] learning\_rate: 0.009358 loss: 2.451873 loss\_cls: 0.395435 loss\_obj: 0.734176 loss\_iou: 0.260797 loss\_l1: 0.000000 size: 720.000000 eta: 4:28:36 batch\_cost: 0.9436 data\_cost: 0.5646 ips: 8.4785 images/s

[02/26 15:02:52] ppdet.engine INFO: Epoch: [52] [300/345] learning\_rate: 0.009331 loss: 2.480717 loss\_cls: 0.398767 loss\_obj: 0.775238 loss\_iou: 0.262469 loss\_l1: 0.000000 size: 688.000000 eta: 4:22:49 batch\_cost: 0.9260 data\_cost: 0.5616 ips: 8.6393 images/s

[02/26 15:08:24] ppdet.engine INFO: Epoch: [53] [300/345] learning\_rate: 0.009304 loss: 2.403796 loss\_cls: 0.385208 loss\_obj: 0.769338 loss\_iou: 0.252251 loss\_l1: 0.000000 size: 656.000000 eta: 4:17:02 batch\_cost: 0.9238 data\_cost: 0.5802 ips: 8.6598 images/s

[02/26 15:14:10] ppdet.engine INFO: Epoch: [54] [300/345] learning\_rate: 0.009276 loss: 2.408541 loss\_cls: 0.388350 loss\_obj: 0.734912 loss\_iou: 0.250825 loss\_l1: 0.000000 size: 656.000000 eta: 4:11:12 batch\_cost: 0.9307 data\_cost: 0.5863 ips: 8.5957 images/s

[02/26 15:19:41] ppdet.engine INFO: Epoch: [55] [300/345] learning\_rate: 0.009247 loss: 2.454274 loss\_cls: 0.392491 loss\_obj: 0.759306 loss\_iou: 0.257916 loss\_l1: 0.000000 size: 624.000000 eta: 4:05:27 batch\_cost: 0.9357 data\_cost: 0.6019 ips: 8.5496 images/s

[02/26 15:25:15] ppdet.engine INFO: Epoch: [56] [300/345] learning\_rate: 0.009218 loss: 2.412120 loss\_cls: 0.398783 loss\_obj: 0.731959 loss\_iou: 0.263769 loss\_l1: 0.000000 size: 560.000000 eta: 3:59:45 batch\_cost: 0.9121 data\_cost: 0.6190 ips: 8.7714 images/s

[02/26 15:31:02] ppdet.engine INFO: Epoch: [57] [300/345] learning\_rate: 0.009189 loss: 2.397040 loss\_cls: 0.386405 loss\_obj: 0.710180 loss\_iou: 0.251025 loss\_l1: 0.000000 size: 672.000000 eta: 3:53:58 batch\_cost: 0.9221 data\_cost: 0.5679 ips: 8.6755 images/s

[02/26 15:36:32] ppdet.engine INFO: Epoch: [58] [300/345] learning\_rate: 0.009158 loss: 2.281647 loss\_cls: 0.378323 loss\_obj: 0.678203 loss\_iou: 0.246708 loss\_l1: 0.000000 size: 640.000000 eta: 3:48:16 batch\_cost: 0.9287 data\_cost: 0.5814 ips: 8.6141 images/s

[02/26 15:42:00] ppdet.engine INFO: Epoch: [59] [300/345] learning\_rate: 0.009128 loss: 2.443943 loss\_cls: 0.384498 loss\_obj: 0.739851 loss\_iou: 0.251159 loss\_l1: 0.000000 size: 704.000000 eta: 3:42:31 batch\_cost: 0.9098 data\_cost: 0.5428 ips: 8.7935 images/s

[02/26 15:47:44] ppdet.engine INFO: Epoch: [60] [300/345] learning\_rate: 0.009097 loss: 2.421401 loss\_cls: 0.392001 loss\_obj: 0.751367 loss\_iou: 0.259270 loss\_l1: 0.000000 size: 704.000000 eta: 3:36:48 batch\_cost: 0.9325 data\_cost: 0.5954 ips: 8.5787 images/s

[02/26 15:53:20] ppdet.engine INFO: Epoch: [61] [300/345] learning\_rate: 0.009065 loss: 2.440486 loss\_cls: 0.391444 loss\_obj: 0.759935 loss\_iou: 0.257261 loss\_l1: 0.000000 size: 704.000000 eta: 3:31:11 batch\_cost: 0.9338 data\_cost: 0.5793 ips: 8.5670 images/s

[02/26 15:58:52] ppdet.engine INFO: Epoch: [62] [300/345] learning\_rate: 0.009033 loss: 2.430847 loss\_cls: 0.383624 loss\_obj: 0.741561 loss\_iou: 0.251211 loss\_l1: 0.000000 size: 672.000000 eta: 3:25:32 batch\_cost: 0.9466 data\_cost: 0.5947 ips: 8.4516 images/s

[02/26 16:04:38] ppdet.engine INFO: Epoch: [63] [300/345] learning\_rate: 0.009001 loss: 2.433529 loss\_cls: 0.393472 loss\_obj: 0.742783 loss\_iou: 0.259225 loss\_l1: 0.000000 size: 736.000000 eta: 3:19:51 batch\_cost: 0.9261 data\_cost: 0.5467 ips: 8.6380 images/s

[02/26 16:10:09] ppdet.engine INFO: Epoch: [64] [300/345] learning\_rate: 0.008968 loss: 2.366693 loss\_cls: 0.395472 loss\_obj: 0.710232 loss\_iou: 0.258963 loss\_l1: 0.000000 size: 624.000000 eta: 3:14:12 batch\_cost: 0.9244 data\_cost: 0.5859 ips: 8.6538 images/s

[02/26 16:15:38] ppdet.engine INFO: Epoch: [65] [300/345] learning\_rate: 0.008935 loss: 2.306724 loss\_cls: 0.384022 loss\_obj: 0.682092 loss\_iou: 0.250141 loss\_l1: 0.000000 size: 608.000000 eta: 3:08:33 batch\_cost: 0.9132 data\_cost: 0.6072 ips: 8.7606 images/s

[02/26 16:21:24] ppdet.engine INFO: Epoch: [66] [300/345] learning\_rate: 0.008901 loss: 2.220420 loss\_cls: 0.374619 loss\_obj: 0.671358 loss\_iou: 0.240799 loss\_l1: 0.000000 size: 672.000000 eta: 3:02:54 batch\_cost: 0.9224 data\_cost: 0.5628 ips: 8.6727 images/s

[02/26 16:26:57] ppdet.engine INFO: Epoch: [67] [300/345] learning\_rate: 0.008866 loss: 2.363016 loss\_cls: 0.387398 loss\_obj: 0.699377 loss\_iou: 0.251361 loss\_l1: 0.000000 size: 672.000000 eta: 2:57:18 batch\_cost: 0.9237 data\_cost: 0.5953 ips: 8.6610 images/s

[02/26 16:32:33] ppdet.engine INFO: Epoch: [68] [300/345] learning\_rate: 0.008832 loss: 2.299491 loss\_cls: 0.379492 loss\_obj: 0.675201 loss\_iou: 0.245455 loss\_l1: 0.000000 size: 672.000000 eta: 2:51:44 batch\_cost: 0.9476 data\_cost: 0.6101 ips: 8.4421 images/s

[02/26 16:38:23] ppdet.engine INFO: Epoch: [69] [300/345] learning\_rate: 0.008796 loss: 2.273021 loss\_cls: 0.369090 loss\_obj: 0.706148 loss\_iou: 0.238768 loss\_l1: 0.000000 size: 592.000000 eta: 2:46:08 batch\_cost: 0.9363 data\_cost: 0.6440 ips: 8.5446 images/s

[02/26 16:44:02] ppdet.engine INFO: Epoch: [70] [300/345] learning\_rate: 0.008761 loss: 2.319334 loss\_cls: 0.379668 loss\_obj: 0.748024 loss\_iou: 0.247773 loss\_l1: 0.000000 size: 640.000000 eta: 2:40:36 batch\_cost: 0.9494 data\_cost: 0.6158 ips: 8.4261 images/s

[02/26 16:49:39] ppdet.engine INFO: Epoch: [71] [300/345] learning\_rate: 0.008725 loss: 2.291804 loss\_cls: 0.378328 loss\_obj: 0.699466 loss\_iou: 0.246622 loss\_l1: 0.000000 size: 624.000000 eta: 2:35:03 batch\_cost: 0.9579 data\_cost: 0.6351 ips: 8.3520 images/s

[02/26 16:55:31] ppdet.engine INFO: Epoch: [72] [300/345] learning\_rate: 0.008688 loss: 2.385860 loss\_cls: 0.385947 loss\_obj: 0.730592 loss\_iou: 0.253557 loss\_l1: 0.000000 size: 640.000000 eta: 2:29:29 batch\_cost: 0.9437 data\_cost: 0.6128 ips: 8.4772 images/s

[02/26 17:01:08] ppdet.engine INFO: Epoch: [73] [300/345] learning\_rate: 0.008651 loss: 2.362436 loss\_cls: 0.382722 loss\_obj: 0.695028 loss\_iou: 0.248239 loss\_l1: 0.000000 size: 640.000000 eta: 2:23:57 batch\_cost: 0.9393 data\_cost: 0.6051 ips: 8.5170 images/s

[02/26 17:06:44] ppdet.engine INFO: Epoch: [74] [300/345] learning\_rate: 0.008614 loss: 2.282177 loss\_cls: 0.373968 loss\_obj: 0.669468 loss\_iou: 0.239459 loss\_l1: 0.000000 size: 592.000000 eta: 2:18:24 batch\_cost: 0.9334 data\_cost: 0.6313 ips: 8.5704 images/s

[02/26 17:12:36] ppdet.engine INFO: Epoch: [75] [300/345] learning\_rate: 0.008576 loss: 2.275788 loss\_cls: 0.376815 loss\_obj: 0.696376 loss\_iou: 0.243746 loss\_l1: 0.000000 size: 624.000000 eta: 2:12:51 batch\_cost: 0.9599 data\_cost: 0.6323 ips: 8.3344 images/s

[02/26 17:18:11] ppdet.engine INFO: Epoch: [76] [300/345] learning\_rate: 0.008538 loss: 2.243233 loss\_cls: 0.371857 loss\_obj: 0.685009 loss\_iou: 0.239452 loss\_l1: 0.000000 size: 640.000000 eta: 2:07:18 batch\_cost: 0.9422 data\_cost: 0.6079 ips: 8.4911 images/s

[02/26 17:23:46] ppdet.engine INFO: Epoch: [77] [300/345] learning\_rate: 0.008499 loss: 2.176617 loss\_cls: 0.367905 loss\_obj: 0.593019 loss\_iou: 0.237041 loss\_l1: 0.000000 size: 640.000000 eta: 2:01:46 batch\_cost: 0.9263 data\_cost: 0.5793 ips: 8.6369 images/s

[02/26 17:29:35] ppdet.engine INFO: Epoch: [78] [300/345] learning\_rate: 0.008460 loss: 2.234249 loss\_cls: 0.372889 loss\_obj: 0.664480 loss\_iou: 0.239021 loss\_l1: 0.000000 size: 624.000000 eta: 1:56:14 batch\_cost: 0.9440 data\_cost: 0.6265 ips: 8.4742 images/s

[02/26 17:35:14] ppdet.engine INFO: Epoch: [79] [300/345] learning\_rate: 0.008420 loss: 2.244522 loss\_cls: 0.373714 loss\_obj: 0.669732 loss\_iou: 0.241644 loss\_l1: 0.000000 size: 608.000000 eta: 1:50:43 batch\_cost: 0.9424 data\_cost: 0.6448 ips: 8.4891 images/s

[02/26 17:40:49] ppdet.engine INFO: Epoch: [80] [300/345] learning\_rate: 0.008380 loss: 2.171859 loss\_cls: 0.359017 loss\_obj: 0.651695 loss\_iou: 0.229436 loss\_l1: 0.000000 size: 704.000000 eta: 1:45:11 batch\_cost: 0.9355 data\_cost: 0.5575 ips: 8.5512 images/s

[02/26 17:46:54] ppdet.engine INFO: Epoch: [81] [300/345] learning\_rate: 0.008340 loss: 2.202405 loss\_cls: 0.367010 loss\_obj: 0.656032 loss\_iou: 0.233910 loss\_l1: 0.000000 size: 608.000000 eta: 1:39:43 batch\_cost: 0.9972 data\_cost: 0.6722 ips: 8.0221 images/s

[02/26 17:52:46] ppdet.engine INFO: Epoch: [82] [300/345] learning\_rate: 0.008299 loss: 2.116915 loss\_cls: 0.359927 loss\_obj: 0.605000 loss\_iou: 0.226329 loss\_l1: 0.000000 size: 592.000000 eta: 1:34:15 batch\_cost: 0.9885 data\_cost: 0.6699 ips: 8.0931 images/s

[02/26 17:58:40] ppdet.engine INFO: Epoch: [83] [300/345] learning\_rate: 0.008258 loss: 2.097423 loss\_cls: 0.362634 loss\_obj: 0.621206 loss\_iou: 0.231470 loss\_l1: 0.000000 size: 736.000000 eta: 1:28:47 batch\_cost: 1.0029 data\_cost: 0.6127 ips: 7.9769 images/s

[02/26 18:04:39] ppdet.engine INFO: Epoch: [84] [300/345] learning\_rate: 0.008217 loss: 2.160881 loss\_cls: 0.367461 loss\_obj: 0.623892 loss\_iou: 0.234218 loss\_l1: 0.000000 size: 576.000000 eta: 1:23:17 batch\_cost: 0.9930 data\_cost: 0.6604 ips: 8.0561 images/s

[02/26 18:10:13] ppdet.engine INFO: Epoch: [85] [300/345] learning\_rate: 0.008175 loss: 2.165676 loss\_cls: 0.357400 loss\_obj: 0.624028 loss\_iou: 0.225621 loss\_l1: 0.000000 size: 736.000000 eta: 1:17:45 batch\_cost: 0.9228 data\_cost: 0.5394 ips: 8.6692 images/s

[02/26 18:15:43] ppdet.engine INFO: Epoch: [86] [300/345] learning\_rate: 0.008133 loss: 2.189974 loss\_cls: 0.367132 loss\_obj: 0.634283 loss\_iou: 0.236605 loss\_l1: 0.000000 size: 576.000000 eta: 1:12:13 batch\_cost: 0.9053 data\_cost: 0.5896 ips: 8.8366 images/s

[02/26 18:21:25] ppdet.engine INFO: Epoch: [87] [300/345] learning\_rate: 0.008090 loss: 2.123643 loss\_cls: 0.363189 loss\_obj: 0.598672 loss\_iou: 0.230803 loss\_l1: 0.000000 size: 656.000000 eta: 1:06:41 batch\_cost: 0.9251 data\_cost: 0.5742 ips: 8.6474 images/s

[02/26 18:26:55] ppdet.engine INFO: Epoch: [88] [300/345] learning\_rate: 0.008048 loss: 2.099973 loss\_cls: 0.359636 loss\_obj: 0.589808 loss\_iou: 0.226058 loss\_l1: 0.000000 size: 640.000000 eta: 1:01:10 batch\_cost: 0.9181 data\_cost: 0.5933 ips: 8.7137 images/s

[02/26 18:32:26] ppdet.engine INFO: Epoch: [89] [300/345] learning\_rate: 0.008004 loss: 2.151476 loss\_cls: 0.362263 loss\_obj: 0.649046 loss\_iou: 0.231584 loss\_l1: 0.000000 size: 608.000000 eta: 0:55:39 batch\_cost: 0.9234 data\_cost: 0.5866 ips: 8.6635 images/s

[02/26 18:38:12] ppdet.engine INFO: Epoch: [90] [300/345] learning\_rate: 0.007961 loss: 2.162166 loss\_cls: 0.358870 loss\_obj: 0.625923 loss\_iou: 0.228188 loss\_l1: 0.000000 size: 704.000000 eta: 0:50:08 batch\_cost: 0.9276 data\_cost: 0.5562 ips: 8.6242 images/s

[02/26 18:43:41] ppdet.engine INFO: Epoch: [91] [300/345] learning\_rate: 0.007917 loss: 2.094008 loss\_cls: 0.358504 loss\_obj: 0.631700 loss\_iou: 0.226839 loss\_l1: 0.000000 size: 704.000000 eta: 0:44:38 batch\_cost: 0.9331 data\_cost: 0.5493 ips: 8.5740 images/s

[02/26 18:49:15] ppdet.engine INFO: Epoch: [92] [300/345] learning\_rate: 0.007873 loss: 2.117506 loss\_cls: 0.348843 loss\_obj: 0.631512 loss\_iou: 0.220064 loss\_l1: 0.000000 size: 624.000000 eta: 0:39:08 batch\_cost: 0.9260 data\_cost: 0.6054 ips: 8.6391 images/s

[02/26 18:54:57] ppdet.engine INFO: Epoch: [93] [300/345] learning\_rate: 0.007828 loss: 2.040749 loss\_cls: 0.353659 loss\_obj: 0.589547 loss\_iou: 0.224764 loss\_l1: 0.000000 size: 576.000000 eta: 0:33:37 batch\_cost: 0.9155 data\_cost: 0.6114 ips: 8.7381 images/s

[02/26 19:00:28] ppdet.engine INFO: Epoch: [94] [300/345] learning\_rate: 0.007783 loss: 2.034564 loss\_cls: 0.354483 loss\_obj: 0.587900 loss\_iou: 0.222496 loss\_l1: 0.000000 size: 624.000000 eta: 0:28:08 batch\_cost: 0.9223 data\_cost: 0.5893 ips: 8.6736 images/s

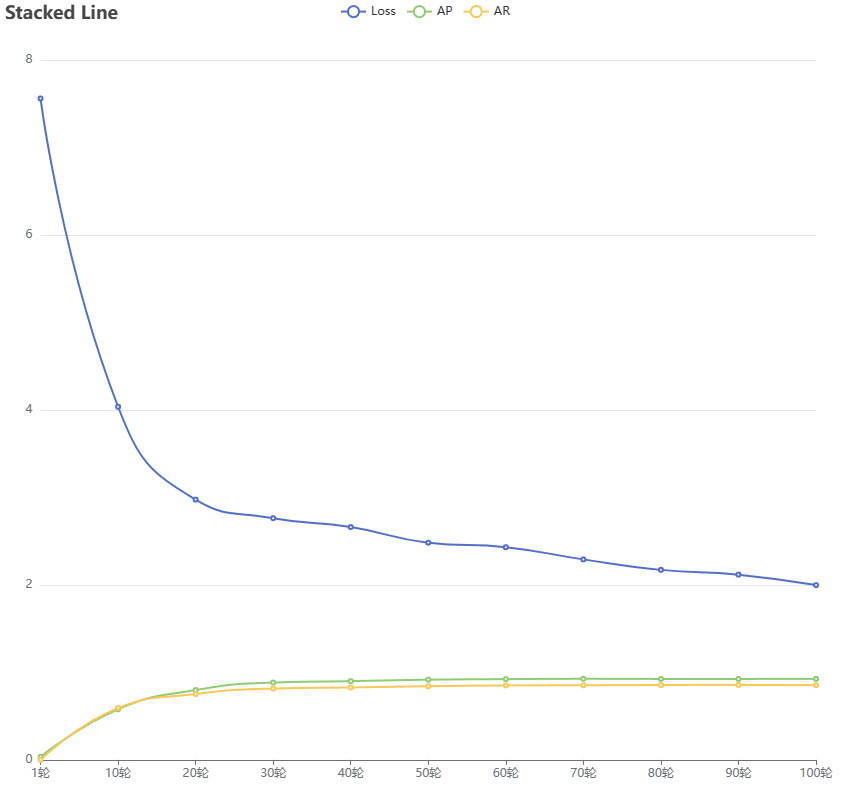
[02/26 19:06:01] ppdet.engine INFO: Epoch: [95] [300/345] learning\_rate: 0.007738 loss: 2.133572 loss\_cls: 0.348799 loss\_obj: 0.639124 loss\_iou: 0.221693 loss\_l1: 0.000000 size: 608.000000 eta: 0:22:38 batch\_cost: 0.9427 data\_cost: 0.6135 ips: 8.4865 images/s

[02/26 19:11:47] ppdet.engine INFO: Epoch: [96] [300/345] learning\_rate: 0.007692 loss: 2.080589 loss\_cls: 0.350297 loss\_obj: 0.632133 loss\_iou: 0.220441 loss\_l1: 0.000000 size: 656.000000 eta: 0:17:09 batch\_cost: 0.9349 data\_cost: 0.5967 ips: 8.5573 images/s

[02/26 19:17:20] ppdet.engine INFO: Epoch: [97] [300/345] learning\_rate: 0.007646 loss: 2.068984 loss\_cls: 0.351456 loss\_obj: 0.599448 loss\_iou: 0.221353 loss\_l1: 0.000000 size: 656.000000 eta: 0:11:40 batch\_cost: 0.9397 data\_cost: 0.6144 ips: 8.5131 images/s

[02/26 19:22:52] ppdet.engine INFO: Epoch: [98] [300/345] learning\_rate: 0.007600 loss: 1.997906 loss\_cls: 0.346146 loss\_obj: 0.568993 loss\_iou: 0.217064 loss\_l1: 0.000000 size: 672.000000 eta: 0:06:11 batch\_cost: 0.9139 data\_cost: 0.5756 ips: 8.7541 images/s

[02/26 19:28:40] ppdet.engine INFO: Epoch: [99] [300/345] learning\_rate: 0.007554 loss: 2.018000 loss\_cls: 0.340037 loss\_obj: 0.566243 loss\_iou: 0.214398 loss\_l1: 0.000000 size: 576.000000 eta: 0:00:42 batch\_cost: 0.9260 data\_cost: 0.6286 ips: 8.6390 images/s



##### 1.5.1.2 CSPDarkNet+FPN+YOLOXHead-4

[02/27 17:12:08] ppdet.engine INFO: Epoch: [0] [600/690] learning\_rate: 0.000030 loss: 14.709770 loss\_cls: 1.960658 loss\_obj: 9.117281 loss\_iou: 0.753923 loss\_l1: 0.000000 size: 688.000000 eta: 10:29:51 batch\_cost: 0.5104 data\_cost: 0.3122 ips: 7.8373 images/s

[02/27 17:18:20] ppdet.engine INFO: Epoch: [1] [600/690] learning\_rate: 0.000140 loss: 10.432012 loss\_cls: 1.544401 loss\_obj: 5.510925 loss\_iou: 0.677152 loss\_l1: 0.000000 size: 576.000000 eta: 9:56:01 batch\_cost: 0.5055 data\_cost: 0.3166 ips: 7.9137 images/s

[02/27 17:24:31] ppdet.engine INFO: Epoch: [2] [600/690] learning\_rate: 0.000329 loss: 8.046528 loss\_cls: 0.738738 loss\_obj: 4.211238 loss\_iou: 0.615290 loss\_l1: 0.000000 size: 608.000000 eta: 9:41:19 batch\_cost: 0.4983 data\_cost: 0.3108 ips: 8.0266 images/s

[02/27 17:31:15] ppdet.engine INFO: Epoch: [3] [600/690] learning\_rate: 0.000599 loss: 6.737235 loss\_cls: 0.664090 loss\_obj: 3.279415 loss\_iou: 0.567886 loss\_l1: 0.000000 size: 624.000000 eta: 9:31:09 batch\_cost: 0.5113 data\_cost: 0.3205 ips: 7.8235 images/s

[02/27 17:37:28] ppdet.engine INFO: Epoch: [4] [600/690] learning\_rate: 0.000949 loss: 5.955707 loss\_cls: 0.622315 loss\_obj: 2.774558 loss\_iou: 0.515656 loss\_l1: 0.000000 size: 736.000000 eta: 9:23:22 batch\_cost: 0.5043 data\_cost: 0.2861 ips: 7.9322 images/s

[02/27 17:43:40] ppdet.engine INFO: Epoch: [5] [600/690] learning\_rate: 0.001000 loss: 4.788630 loss\_cls: 0.567130 loss\_obj: 1.964131 loss\_iou: 0.440963 loss\_l1: 0.000000 size: 672.000000 eta: 9:16:13 batch\_cost: 0.5081 data\_cost: 0.3065 ips: 7.8728 images/s

[02/27 17:50:20] ppdet.engine INFO: Epoch: [6] [600/690] learning\_rate: 0.001000 loss: 4.300425 loss\_cls: 0.536292 loss\_obj: 1.713209 loss\_iou: 0.406609 loss\_l1: 0.000000 size: 672.000000 eta: 9:08:33 batch\_cost: 0.5161 data\_cost: 0.3275 ips: 7.7512 images/s

[02/27 17:56:28] ppdet.engine INFO: Epoch: [7] [600/690] learning\_rate: 0.001000 loss: 4.185271 loss\_cls: 0.530800 loss\_obj: 1.720734 loss\_iou: 0.391837 loss\_l1: 0.000000 size: 704.000000 eta: 9:01:17 batch\_cost: 0.5068 data\_cost: 0.2898 ips: 7.8933 images/s

[02/27 18:02:39] ppdet.engine INFO: Epoch: [8] [600/690] learning\_rate: 0.001000 loss: 4.002664 loss\_cls: 0.517290 loss\_obj: 1.600970 loss\_iou: 0.373922 loss\_l1: 0.000000 size: 672.000000 eta: 8:54:41 batch\_cost: 0.5073 data\_cost: 0.2999 ips: 7.8848 images/s

[02/27 18:09:03] ppdet.engine INFO: Epoch: [9] [600/690] learning\_rate: 0.000999 loss: 4.001510 loss\_cls: 0.508181 loss\_obj: 1.542256 loss\_iou: 0.369502 loss\_l1: 0.000000 size: 688.000000 eta: 8:47:06 batch\_cost: 0.4850 data\_cost: 0.2755 ips: 8.2482 images/s

[02/27 18:15:00] ppdet.engine INFO: Epoch: [10] [600/690] learning\_rate: 0.000999 loss: 3.603506 loss\_cls: 0.484481 loss\_obj: 1.371179 loss\_iou: 0.344868 loss\_l1: 0.000000 size: 640.000000 eta: 8:39:03 batch\_cost: 0.4824 data\_cost: 0.2881 ips: 8.2920 images/s

[02/27 18:20:58] ppdet.engine INFO: Epoch: [11] [600/690] learning\_rate: 0.000999 loss: 3.575200 loss\_cls: 0.486359 loss\_obj: 1.336854 loss\_iou: 0.348362 loss\_l1: 0.000000 size: 688.000000 eta: 8:31:38 batch\_cost: 0.4883 data\_cost: 0.2805 ips: 8.1918 images/s

[02/27 18:27:14] ppdet.engine INFO: Epoch: [12] [600/690] learning\_rate: 0.000998 loss: 3.372912 loss\_cls: 0.466835 loss\_obj: 1.220766 loss\_iou: 0.331332 loss\_l1: 0.000000 size: 672.000000 eta: 8:23:56 batch\_cost: 0.4821 data\_cost: 0.2930 ips: 8.2976 images/s

[02/27 18:33:10] ppdet.engine INFO: Epoch: [13] [600/690] learning\_rate: 0.000998 loss: 3.381829 loss\_cls: 0.473607 loss\_obj: 1.261533 loss\_iou: 0.331831 loss\_l1: 0.000000 size: 576.000000 eta: 8:16:54 batch\_cost: 0.4913 data\_cost: 0.3178 ips: 8.1421 images/s

[02/27 18:39:02] ppdet.engine INFO: Epoch: [14] [600/690] learning\_rate: 0.000997 loss: 3.197037 loss\_cls: 0.450802 loss\_obj: 1.163730 loss\_iou: 0.311636 loss\_l1: 0.000000 size: 640.000000 eta: 8:09:35 batch\_cost: 0.4715 data\_cost: 0.2643 ips: 8.4827 images/s

[02/27 18:45:16] ppdet.engine INFO: Epoch: [15] [600/690] learning\_rate: 0.000996 loss: 2.965747 loss\_cls: 0.446627 loss\_obj: 0.933759 loss\_iou: 0.305576 loss\_l1: 0.000000 size: 608.000000 eta: 8:02:40 batch\_cost: 0.4956 data\_cost: 0.3186 ips: 8.0710 images/s

[02/27 18:51:06] ppdet.engine INFO: Epoch: [16] [600/690] learning\_rate: 0.000996 loss: 2.832489 loss\_cls: 0.426032 loss\_obj: 0.993005 loss\_iou: 0.288152 loss\_l1: 0.000000 size: 640.000000 eta: 7:55:38 batch\_cost: 0.4753 data\_cost: 0.2842 ips: 8.4162 images/s

[02/27 18:57:02] ppdet.engine INFO: Epoch: [17] [600/690] learning\_rate: 0.000995 loss: 2.818096 loss\_cls: 0.427494 loss\_obj: 0.940549 loss\_iou: 0.291856 loss\_l1: 0.000000 size: 704.000000 eta: 7:49:13 batch\_cost: 0.4954 data\_cost: 0.2868 ips: 8.0748 images/s

[02/27 19:03:16] ppdet.engine INFO: Epoch: [18] [600/690] learning\_rate: 0.000994 loss: 2.823086 loss\_cls: 0.419232 loss\_obj: 0.923507 loss\_iou: 0.282479 loss\_l1: 0.000000 size: 672.000000 eta: 7:42:39 batch\_cost: 0.4827 data\_cost: 0.2896 ips: 8.2874 images/s

[02/27 19:09:09] ppdet.engine INFO: Epoch: [19] [600/690] learning\_rate: 0.000993 loss: 2.891136 loss\_cls: 0.426491 loss\_obj: 0.963828 loss\_iou: 0.290508 loss\_l1: 0.000000 size: 576.000000 eta: 7:36:15 batch\_cost: 0.4920 data\_cost: 0.3268 ips: 8.1309 images/s

[02/27 19:15:05] ppdet.engine INFO: Epoch: [20] [600/690] learning\_rate: 0.000992 loss: 2.675910 loss\_cls: 0.414494 loss\_obj: 0.863735 loss\_iou: 0.278369 loss\_l1: 0.000000 size: 512.000000 eta: 7:30:05 batch\_cost: 0.4847 data\_cost: 0.3284 ips: 8.2531 images/s

[02/27 19:21:17] ppdet.engine INFO: Epoch: [21] [600/690] learning\_rate: 0.000992 loss: 2.585767 loss\_cls: 0.409080 loss\_obj: 0.849930 loss\_iou: 0.272801 loss\_l1: 0.000000 size: 672.000000 eta: 7:23:43 batch\_cost: 0.4862 data\_cost: 0.2895 ips: 8.2267 images/s

[02/27 19:27:12] ppdet.engine INFO: Epoch: [22] [600/690] learning\_rate: 0.000990 loss: 2.717802 loss\_cls: 0.407725 loss\_obj: 0.902591 loss\_iou: 0.274407 loss\_l1: 0.000000 size: 640.000000 eta: 7:17:37 batch\_cost: 0.4926 data\_cost: 0.3093 ips: 8.1194 images/s

[02/27 19:33:10] ppdet.engine INFO: Epoch: [23] [600/690] learning\_rate: 0.000989 loss: 2.521948 loss\_cls: 0.402074 loss\_obj: 0.808246 loss\_iou: 0.268240 loss\_l1: 0.000000 size: 640.000000 eta: 7:11:45 batch\_cost: 0.4827 data\_cost: 0.2795 ips: 8.2870 images/s

[02/27 19:39:25] ppdet.engine INFO: Epoch: [24] [600/690] learning\_rate: 0.000988 loss: 2.531065 loss\_cls: 0.397050 loss\_obj: 0.825976 loss\_iou: 0.262798 loss\_l1: 0.000000 size: 672.000000 eta: 7:05:42 batch\_cost: 0.4871 data\_cost: 0.2840 ips: 8.2125 images/s

[02/27 19:45:23] ppdet.engine INFO: Epoch: [25] [600/690] learning\_rate: 0.000987 loss: 2.551625 loss\_cls: 0.390638 loss\_obj: 0.846213 loss\_iou: 0.256954 loss\_l1: 0.000000 size: 608.000000 eta: 6:59:53 batch\_cost: 0.4864 data\_cost: 0.2908 ips: 8.2239 images/s

[02/27 19:51:19] ppdet.engine INFO: Epoch: [26] [600/690] learning\_rate: 0.000986 loss: 2.570902 loss\_cls: 0.392973 loss\_obj: 0.825625 loss\_iou: 0.260363 loss\_l1: 0.000000 size: 672.000000 eta: 6:53:56 batch\_cost: 0.4889 data\_cost: 0.2900 ips: 8.1818 images/s

[02/27 19:57:35] ppdet.engine INFO: Epoch: [27] [600/690] learning\_rate: 0.000984 loss: 2.409125 loss\_cls: 0.392656 loss\_obj: 0.677356 loss\_iou: 0.256014 loss\_l1: 0.000000 size: 640.000000 eta: 6:48:05 batch\_cost: 0.4854 data\_cost: 0.3082 ips: 8.2402 images/s

[02/27 20:03:33] ppdet.engine INFO: Epoch: [28] [600/690] learning\_rate: 0.000983 loss: 2.450762 loss\_cls: 0.373887 loss\_obj: 0.802512 loss\_iou: 0.245189 loss\_l1: 0.000000 size: 624.000000 eta: 6:42:17 batch\_cost: 0.4852 data\_cost: 0.2938 ips: 8.2447 images/s

[02/27 20:09:28] ppdet.engine INFO: Epoch: [29] [600/690] learning\_rate: 0.000982 loss: 2.428552 loss\_cls: 0.379064 loss\_obj: 0.817538 loss\_iou: 0.245147 loss\_l1: 0.000000 size: 736.000000 eta: 6:36:23 batch\_cost: 0.4952 data\_cost: 0.2795 ips: 8.0779 images/s

[02/27 20:15:36] ppdet.engine INFO: Epoch: [30] [600/690] learning\_rate: 0.000980 loss: 2.408866 loss\_cls: 0.370413 loss\_obj: 0.790839 loss\_iou: 0.239843 loss\_l1: 0.000000 size: 640.000000 eta: 6:30:14 batch\_cost: 0.4724 data\_cost: 0.2706 ips: 8.4675 images/s

[02/27 20:21:29] ppdet.engine INFO: Epoch: [31] [600/690] learning\_rate: 0.000979 loss: 2.386492 loss\_cls: 0.375754 loss\_obj: 0.825614 loss\_iou: 0.236574 loss\_l1: 0.000000 size: 704.000000 eta: 6:24:21 batch\_cost: 0.4807 data\_cost: 0.2737 ips: 8.3217 images/s

[02/27 20:27:23] ppdet.engine INFO: Epoch: [32] [600/690] learning\_rate: 0.000977 loss: 2.173226 loss\_cls: 0.366546 loss\_obj: 0.659387 loss\_iou: 0.237060 loss\_l1: 0.000000 size: 672.000000 eta: 6:18:29 batch\_cost: 0.4745 data\_cost: 0.2751 ips: 8.4295 images/s

[02/27 20:33:31] ppdet.engine INFO: Epoch: [33] [600/690] learning\_rate: 0.000975 loss: 2.235540 loss\_cls: 0.372757 loss\_obj: 0.686590 loss\_iou: 0.236821 loss\_l1: 0.000000 size: 688.000000 eta: 6:12:29 batch\_cost: 0.4712 data\_cost: 0.2701 ips: 8.4892 images/s

[02/27 20:39:23] ppdet.engine INFO: Epoch: [34] [600/690] learning\_rate: 0.000974 loss: 2.244568 loss\_cls: 0.362412 loss\_obj: 0.678472 loss\_iou: 0.232261 loss\_l1: 0.000000 size: 544.000000 eta: 6:06:35 batch\_cost: 0.4675 data\_cost: 0.2920 ips: 8.5557 images/s

[02/27 20:45:13] ppdet.engine INFO: Epoch: [35] [600/690] learning\_rate: 0.000972 loss: 2.348635 loss\_cls: 0.368885 loss\_obj: 0.724942 loss\_iou: 0.236687 loss\_l1: 0.000000 size: 608.000000 eta: 6:00:41 batch\_cost: 0.4740 data\_cost: 0.2844 ips: 8.4389 images/s

[02/27 20:51:21] ppdet.engine INFO: Epoch: [36] [600/690] learning\_rate: 0.000970 loss: 2.122299 loss\_cls: 0.354904 loss\_obj: 0.612531 loss\_iou: 0.230141 loss\_l1: 0.000000 size: 688.000000 eta: 5:54:45 batch\_cost: 0.4698 data\_cost: 0.2696 ips: 8.5142 images/s

[02/27 20:57:15] ppdet.engine INFO: Epoch: [37] [600/690] learning\_rate: 0.000968 loss: 2.196491 loss\_cls: 0.350572 loss\_obj: 0.699740 loss\_iou: 0.224034 loss\_l1: 0.000000 size: 592.000000 eta: 5:48:59 batch\_cost: 0.4795 data\_cost: 0.3035 ips: 8.3426 images/s

[02/27 21:03:05] ppdet.engine INFO: Epoch: [38] [600/690] learning\_rate: 0.000966 loss: 2.295601 loss\_cls: 0.360733 loss\_obj: 0.675160 loss\_iou: 0.236401 loss\_l1: 0.000000 size: 608.000000 eta: 5:43:07 batch\_cost: 0.4738 data\_cost: 0.2880 ips: 8.4428 images/s

[02/27 21:09:11] ppdet.engine INFO: Epoch: [39] [600/690] learning\_rate: 0.000964 loss: 2.092102 loss\_cls: 0.353579 loss\_obj: 0.626034 loss\_iou: 0.223067 loss\_l1: 0.000000 size: 736.000000 eta: 5:37:16 batch\_cost: 0.4765 data\_cost: 0.2641 ips: 8.3938 images/s

[02/27 21:15:04] ppdet.engine INFO: Epoch: [40] [600/690] learning\_rate: 0.000962 loss: 2.095731 loss\_cls: 0.345449 loss\_obj: 0.642305 loss\_iou: 0.218691 loss\_l1: 0.000000 size: 656.000000 eta: 5:31:32 batch\_cost: 0.4845 data\_cost: 0.2777 ips: 8.2558 images/s

[02/27 21:20:54] ppdet.engine INFO: Epoch: [41] [600/690] learning\_rate: 0.000960 loss: 2.019494 loss\_cls: 0.342914 loss\_obj: 0.584202 loss\_iou: 0.219310 loss\_l1: 0.000000 size: 640.000000 eta: 5:25:44 batch\_cost: 0.4794 data\_cost: 0.2891 ips: 8.3446 images/s

[02/27 21:27:03] ppdet.engine INFO: Epoch: [42] [600/690] learning\_rate: 0.000958 loss: 2.035393 loss\_cls: 0.340237 loss\_obj: 0.647573 loss\_iou: 0.217076 loss\_l1: 0.000000 size: 672.000000 eta: 5:20:00 batch\_cost: 0.4863 data\_cost: 0.2903 ips: 8.2256 images/s

[02/27 21:33:01] ppdet.engine INFO: Epoch: [43] [600/690] learning\_rate: 0.000956 loss: 2.032523 loss\_cls: 0.342090 loss\_obj: 0.617470 loss\_iou: 0.216315 loss\_l1: 0.000000 size: 560.000000 eta: 5:14:24 batch\_cost: 0.4958 data\_cost: 0.3167 ips: 8.0684 images/s

[02/27 21:39:03] ppdet.engine INFO: Epoch: [44] [600/690] learning\_rate: 0.000953 loss: 1.990586 loss\_cls: 0.343719 loss\_obj: 0.614250 loss\_iou: 0.215583 loss\_l1: 0.000000 size: 624.000000 eta: 5:08:53 batch\_cost: 0.4891 data\_cost: 0.3053 ips: 8.1783 images/s

[02/27 21:45:19] ppdet.engine INFO: Epoch: [45] [600/690] learning\_rate: 0.000951 loss: 2.047448 loss\_cls: 0.344631 loss\_obj: 0.642791 loss\_iou: 0.214186 loss\_l1: 0.000000 size: 704.000000 eta: 5:03:19 batch\_cost: 0.4968 data\_cost: 0.2945 ips: 8.0510 images/s

[02/27 21:51:14] ppdet.engine INFO: Epoch: [46] [600/690] learning\_rate: 0.000949 loss: 2.095968 loss\_cls: 0.348361 loss\_obj: 0.608985 loss\_iou: 0.216130 loss\_l1: 0.000000 size: 640.000000 eta: 4:57:38 batch\_cost: 0.4723 data\_cost: 0.2809 ips: 8.4689 images/s

[02/27 21:57:10] ppdet.engine INFO: Epoch: [47] [600/690] learning\_rate: 0.000946 loss: 1.860818 loss\_cls: 0.335385 loss\_obj: 0.514439 loss\_iou: 0.206647 loss\_l1: 0.000000 size: 640.000000 eta: 4:52:01 batch\_cost: 0.4864 data\_cost: 0.2945 ips: 8.2238 images/s

[02/27 22:03:19] ppdet.engine INFO: Epoch: [48] [600/690] learning\_rate: 0.000944 loss: 1.973980 loss\_cls: 0.335685 loss\_obj: 0.615770 loss\_iou: 0.206661 loss\_l1: 0.000000 size: 752.000000 eta: 4:46:19 batch\_cost: 0.4883 data\_cost: 0.2587 ips: 8.1920 images/s

[02/27 22:09:15] ppdet.engine INFO: Epoch: [49] [600/690] learning\_rate: 0.000941 loss: 1.866201 loss\_cls: 0.322757 loss\_obj: 0.515329 loss\_iou: 0.199816 loss\_l1: 0.000000 size: 672.000000 eta: 4:40:42 batch\_cost: 0.4996 data\_cost: 0.3058 ips: 8.0066 images/s

[02/27 22:15:12] ppdet.engine INFO: Epoch: [50] [600/690] learning\_rate: 0.000938 loss: 1.836779 loss\_cls: 0.331502 loss\_obj: 0.501322 loss\_iou: 0.204189 loss\_l1: 0.000000 size: 624.000000 eta: 4:35:04 batch\_cost: 0.4808 data\_cost: 0.2903 ips: 8.3187 images/s

[02/27 22:21:24] ppdet.engine INFO: Epoch: [51] [600/690] learning\_rate: 0.000936 loss: 1.798175 loss\_cls: 0.323627 loss\_obj: 0.511880 loss\_iou: 0.203289 loss\_l1: 0.000000 size: 608.000000 eta: 4:29:27 batch\_cost: 0.4773 data\_cost: 0.2923 ips: 8.3807 images/s

[02/27 22:27:21] ppdet.engine INFO: Epoch: [52] [600/690] learning\_rate: 0.000933 loss: 1.889251 loss\_cls: 0.324316 loss\_obj: 0.579569 loss\_iou: 0.201281 loss\_l1: 0.000000 size: 608.000000 eta: 4:23:50 batch\_cost: 0.4875 data\_cost: 0.3002 ips: 8.2049 images/s

[02/27 22:33:18] ppdet.engine INFO: Epoch: [53] [600/690] learning\_rate: 0.000930 loss: 1.840324 loss\_cls: 0.329746 loss\_obj: 0.511766 loss\_iou: 0.203159 loss\_l1: 0.000000 size: 688.000000 eta: 4:18:13 batch\_cost: 0.4873 data\_cost: 0.2800 ips: 8.2084 images/s

[02/27 22:39:29] ppdet.engine INFO: Epoch: [54] [600/690] learning\_rate: 0.000928 loss: 1.746614 loss\_cls: 0.319680 loss\_obj: 0.474177 loss\_iou: 0.194047 loss\_l1: 0.000000 size: 560.000000 eta: 4:12:36 batch\_cost: 0.4789 data\_cost: 0.2947 ips: 8.3525 images/s

[02/27 22:45:29] ppdet.engine INFO: Epoch: [55] [600/690] learning\_rate: 0.000925 loss: 1.825222 loss\_cls: 0.320356 loss\_obj: 0.524050 loss\_iou: 0.193399 loss\_l1: 0.000000 size: 624.000000 eta: 4:07:01 batch\_cost: 0.4960 data\_cost: 0.3089 ips: 8.0647 images/s

[02/27 22:51:30] ppdet.engine INFO: Epoch: [56] [600/690] learning\_rate: 0.000922 loss: 1.771843 loss\_cls: 0.321630 loss\_obj: 0.524673 loss\_iou: 0.194565 loss\_l1: 0.000000 size: 624.000000 eta: 4:01:28 batch\_cost: 0.4838 data\_cost: 0.2899 ips: 8.2677 images/s

[02/27 22:57:46] ppdet.engine INFO: Epoch: [57] [600/690] learning\_rate: 0.000919 loss: 1.916889 loss\_cls: 0.321040 loss\_obj: 0.597985 loss\_iou: 0.197276 loss\_l1: 0.000000 size: 640.000000 eta: 3:55:53 batch\_cost: 0.4950 data\_cost: 0.3011 ips: 8.0802 images/s

[02/27 23:03:47] ppdet.engine INFO: Epoch: [58] [600/690] learning\_rate: 0.000916 loss: 1.887189 loss\_cls: 0.329954 loss\_obj: 0.547331 loss\_iou: 0.204612 loss\_l1: 0.000000 size: 624.000000 eta: 3:50:19 batch\_cost: 0.4988 data\_cost: 0.3016 ips: 8.0196 images/s

[02/27 23:09:45] ppdet.engine INFO: Epoch: [59] [600/690] learning\_rate: 0.000913 loss: 1.835513 loss\_cls: 0.320271 loss\_obj: 0.528417 loss\_iou: 0.197488 loss\_l1: 0.000000 size: 608.000000 eta: 3:44:43 batch\_cost: 0.4733 data\_cost: 0.2833 ips: 8.4516 images/s

[02/27 23:16:00] ppdet.engine INFO: Epoch: [60] [600/690] learning\_rate: 0.000910 loss: 1.810542 loss\_cls: 0.316494 loss\_obj: 0.510495 loss\_iou: 0.191762 loss\_l1: 0.000000 size: 672.000000 eta: 3:39:08 batch\_cost: 0.4860 data\_cost: 0.2770 ips: 8.2296 images/s

[02/27 23:22:07] ppdet.engine INFO: Epoch: [61] [600/690] learning\_rate: 0.000907 loss: 1.870000 loss\_cls: 0.322645 loss\_obj: 0.510304 loss\_iou: 0.198484 loss\_l1: 0.000000 size: 608.000000 eta: 3:33:38 batch\_cost: 0.4955 data\_cost: 0.3065 ips: 8.0727 images/s

[02/27 23:28:12] ppdet.engine INFO: Epoch: [62] [600/690] learning\_rate: 0.000903 loss: 1.880445 loss\_cls: 0.317141 loss\_obj: 0.572346 loss\_iou: 0.193736 loss\_l1: 0.000000 size: 640.000000 eta: 3:28:05 batch\_cost: 0.5003 data\_cost: 0.3013 ips: 7.9957 images/s

[02/27 23:34:25] ppdet.engine INFO: Epoch: [63] [600/690] learning\_rate: 0.000900 loss: 1.733107 loss\_cls: 0.305638 loss\_obj: 0.473681 loss\_iou: 0.187568 loss\_l1: 0.000000 size: 640.000000 eta: 3:22:27 batch\_cost: 0.4750 data\_cost: 0.2873 ips: 8.4215 images/s

[02/27 23:40:21] ppdet.engine INFO: Epoch: [64] [600/690] learning\_rate: 0.000897 loss: 1.611115 loss\_cls: 0.298577 loss\_obj: 0.410209 loss\_iou: 0.178646 loss\_l1: 0.000000 size: 672.000000 eta: 3:16:50 batch\_cost: 0.4883 data\_cost: 0.2804 ips: 8.1925 images/s

[02/27 23:46:16] ppdet.engine INFO: Epoch: [65] [600/690] learning\_rate: 0.000893 loss: 1.737630 loss\_cls: 0.311873 loss\_obj: 0.475023 loss\_iou: 0.188803 loss\_l1: 0.000000 size: 640.000000 eta: 3:11:12 batch\_cost: 0.4779 data\_cost: 0.2923 ips: 8.3703 images/s

[02/27 23:52:25] ppdet.engine INFO: Epoch: [66] [600/690] learning\_rate: 0.000890 loss: 1.700873 loss\_cls: 0.310690 loss\_obj: 0.447397 loss\_iou: 0.187420 loss\_l1: 0.000000 size: 720.000000 eta: 3:05:33 batch\_cost: 0.4795 data\_cost: 0.2694 ips: 8.3412 images/s

[02/27 23:58:23] ppdet.engine INFO: Epoch: [67] [600/690] learning\_rate: 0.000887 loss: 1.777985 loss\_cls: 0.320121 loss\_obj: 0.523346 loss\_iou: 0.194861 loss\_l1: 0.000000 size: 640.000000 eta: 2:59:57 batch\_cost: 0.4861 data\_cost: 0.2880 ips: 8.2285 images/s

[02/28 00:04:19] ppdet.engine INFO: Epoch: [68] [600/690] learning\_rate: 0.000883 loss: 1.772870 loss\_cls: 0.302313 loss\_obj: 0.469216 loss\_iou: 0.184356 loss\_l1: 0.000000 size: 608.000000 eta: 2:54:20 batch\_cost: 0.4850 data\_cost: 0.2878 ips: 8.2471 images/s

[02/28 00:10:30] ppdet.engine INFO: Epoch: [69] [600/690] learning\_rate: 0.000880 loss: 1.839158 loss\_cls: 0.310283 loss\_obj: 0.555989 loss\_iou: 0.189947 loss\_l1: 0.000000 size: 656.000000 eta: 2:48:43 batch\_cost: 0.4827 data\_cost: 0.2849 ips: 8.2864 images/s

[02/28 00:16:30] ppdet.engine INFO: Epoch: [70] [600/690] learning\_rate: 0.000876 loss: 1.736225 loss\_cls: 0.304525 loss\_obj: 0.509912 loss\_iou: 0.185566 loss\_l1: 0.000000 size: 672.000000 eta: 2:43:08 batch\_cost: 0.4870 data\_cost: 0.2942 ips: 8.2132 images/s

[02/28 00:22:26] ppdet.engine INFO: Epoch: [71] [600/690] learning\_rate: 0.000872 loss: 1.772535 loss\_cls: 0.304232 loss\_obj: 0.514065 loss\_iou: 0.186183 loss\_l1: 0.000000 size: 688.000000 eta: 2:37:31 batch\_cost: 0.4899 data\_cost: 0.2839 ips: 8.1658 images/s

[02/28 00:28:36] ppdet.engine INFO: Epoch: [72] [600/690] learning\_rate: 0.000869 loss: 1.673845 loss\_cls: 0.299802 loss\_obj: 0.467018 loss\_iou: 0.181932 loss\_l1: 0.000000 size: 640.000000 eta: 2:31:54 batch\_cost: 0.4833 data\_cost: 0.2971 ips: 8.2759 images/s

[02/28 00:34:33] ppdet.engine INFO: Epoch: [73] [600/690] learning\_rate: 0.000865 loss: 1.804974 loss\_cls: 0.306714 loss\_obj: 0.543735 loss\_iou: 0.185598 loss\_l1: 0.000000 size: 640.000000 eta: 2:26:17 batch\_cost: 0.4885 data\_cost: 0.2947 ips: 8.1884 images/s

[02/28 00:40:32] ppdet.engine INFO: Epoch: [74] [600/690] learning\_rate: 0.000861 loss: 1.684418 loss\_cls: 0.296717 loss\_obj: 0.502503 loss\_iou: 0.178838 loss\_l1: 0.000000 size: 640.000000 eta: 2:20:42 batch\_cost: 0.4854 data\_cost: 0.2867 ips: 8.2406 images/s

[02/28 00:46:48] ppdet.engine INFO: Epoch: [75] [600/690] learning\_rate: 0.000858 loss: 1.709089 loss\_cls: 0.296336 loss\_obj: 0.481709 loss\_iou: 0.175176 loss\_l1: 0.000000 size: 640.000000 eta: 2:15:07 batch\_cost: 0.4950 data\_cost: 0.2862 ips: 8.0809 images/s

[02/28 00:52:45] ppdet.engine INFO: Epoch: [76] [600/690] learning\_rate: 0.000854 loss: 1.665814 loss\_cls: 0.303132 loss\_obj: 0.451202 loss\_iou: 0.181460 loss\_l1: 0.000000 size: 608.000000 eta: 2:09:30 batch\_cost: 0.4886 data\_cost: 0.2906 ips: 8.1864 images/s

[02/28 00:58:47] ppdet.engine INFO: Epoch: [77] [600/690] learning\_rate: 0.000850 loss: 1.646269 loss\_cls: 0.301745 loss\_obj: 0.478013 loss\_iou: 0.177958 loss\_l1: 0.000000 size: 704.000000 eta: 2:03:56 batch\_cost: 0.4824 data\_cost: 0.2693 ips: 8.2922 images/s

[02/28 01:05:03] ppdet.engine INFO: Epoch: [78] [600/690] learning\_rate: 0.000846 loss: 1.709563 loss\_cls: 0.293987 loss\_obj: 0.504271 loss\_iou: 0.177230 loss\_l1: 0.000000 size: 704.000000 eta: 1:58:20 batch\_cost: 0.4892 data\_cost: 0.2879 ips: 8.1770 images/s

[02/28 01:11:08] ppdet.engine INFO: Epoch: [79] [600/690] learning\_rate: 0.000842 loss: 1.775673 loss\_cls: 0.311593 loss\_obj: 0.513217 loss\_iou: 0.190396 loss\_l1: 0.000000 size: 656.000000 eta: 1:52:46 batch\_cost: 0.4875 data\_cost: 0.2862 ips: 8.2053 images/s

[02/28 01:17:10] ppdet.engine INFO: Epoch: [80] [600/690] learning\_rate: 0.000838 loss: 1.543729 loss\_cls: 0.286711 loss\_obj: 0.403484 loss\_iou: 0.171274 loss\_l1: 0.000000 size: 624.000000 eta: 1:47:11 batch\_cost: 0.4844 data\_cost: 0.2940 ips: 8.2580 images/s

[02/28 01:23:24] ppdet.engine INFO: Epoch: [81] [600/690] learning\_rate: 0.000834 loss: 1.777621 loss\_cls: 0.306460 loss\_obj: 0.511619 loss\_iou: 0.189266 loss\_l1: 0.000000 size: 624.000000 eta: 1:41:35 batch\_cost: 0.4886 data\_cost: 0.3004 ips: 8.1865 images/s

[02/28 01:29:26] ppdet.engine INFO: Epoch: [82] [600/690] learning\_rate: 0.000830 loss: 1.589303 loss\_cls: 0.293990 loss\_obj: 0.434666 loss\_iou: 0.173344 loss\_l1: 0.000000 size: 672.000000 eta: 1:35:59 batch\_cost: 0.4809 data\_cost: 0.2900 ips: 8.3185 images/s

[02/28 01:35:28] ppdet.engine INFO: Epoch: [83] [600/690] learning\_rate: 0.000826 loss: 1.605306 loss\_cls: 0.298371 loss\_obj: 0.409686 loss\_iou: 0.178257 loss\_l1: 0.000000 size: 576.000000 eta: 1:30:24 batch\_cost: 0.5095 data\_cost: 0.3296 ips: 7.8502 images/s

[02/28 01:41:43] ppdet.engine INFO: Epoch: [84] [600/690] learning\_rate: 0.000822 loss: 1.750585 loss\_cls: 0.297488 loss\_obj: 0.524553 loss\_iou: 0.181214 loss\_l1: 0.000000 size: 672.000000 eta: 1:24:48 batch\_cost: 0.4976 data\_cost: 0.2944 ips: 8.0392 images/s

[02/28 01:47:45] ppdet.engine INFO: Epoch: [85] [600/690] learning\_rate: 0.000818 loss: 1.687104 loss\_cls: 0.299160 loss\_obj: 0.447353 loss\_iou: 0.179960 loss\_l1: 0.000000 size: 608.000000 eta: 1:19:12 batch\_cost: 0.4921 data\_cost: 0.3028 ips: 8.1291 images/s

[02/28 01:53:45] ppdet.engine INFO: Epoch: [86] [600/690] learning\_rate: 0.000813 loss: 1.585183 loss\_cls: 0.287364 loss\_obj: 0.441403 loss\_iou: 0.172336 loss\_l1: 0.000000 size: 576.000000 eta: 1:13:36 batch\_cost: 0.4753 data\_cost: 0.2880 ips: 8.4158 images/s

[02/28 02:06:00] ppdet.engine INFO: Epoch: [88] [600/690] learning\_rate: 0.000805 loss: 1.517926 loss\_cls: 0.276875 loss\_obj: 0.379828 loss\_iou: 0.159018 loss\_l1: 0.000000 size: 736.000000 eta: 1:02:23 batch\_cost: 0.4873 data\_cost: 0.2698 ips: 8.2084 images/s

[02/28 02:12:02] ppdet.engine INFO: Epoch: [89] [600/690] learning\_rate: 0.000800 loss: 1.586034 loss\_cls: 0.290074 loss\_obj: 0.459153 loss\_iou: 0.173374 loss\_l1: 0.000000 size: 640.000000 eta: 0:56:48 batch\_cost: 0.4967 data\_cost: 0.3127 ips: 8.0537 images/s

[02/28 02:18:18] ppdet.engine INFO: Epoch: [90] [600/690] learning\_rate: 0.000796 loss: 1.608919 loss\_cls: 0.292272 loss\_obj: 0.401413 loss\_iou: 0.174795 loss\_l1: 0.000000 size: 608.000000 eta: 0:51:11 batch\_cost: 0.4861 data\_cost: 0.2952 ips: 8.2286 images/s

[02/28 02:24:18] ppdet.engine INFO: Epoch: [91] [600/690] learning\_rate: 0.000792 loss: 1.606880 loss\_cls: 0.293284 loss\_obj: 0.462924 loss\_iou: 0.173350 loss\_l1: 0.000000 size: 640.000000 eta: 0:45:35 batch\_cost: 0.4938 data\_cost: 0.2895 ips: 8.0999 images/s

[02/28 02:30:22] ppdet.engine INFO: Epoch: [92] [600/690] learning\_rate: 0.000787 loss: 1.582369 loss\_cls: 0.288819 loss\_obj: 0.438012 loss\_iou: 0.171102 loss\_l1: 0.000000 size: 640.000000 eta: 0:39:59 batch\_cost: 0.4905 data\_cost: 0.3036 ips: 8.1553 images/s

[02/28 02:36:38] ppdet.engine INFO: Epoch: [93] [600/690] learning\_rate: 0.000783 loss: 1.550139 loss\_cls: 0.278919 loss\_obj: 0.403630 loss\_iou: 0.164943 loss\_l1: 0.000000 size: 608.000000 eta: 0:34:23 batch\_cost: 0.4896 data\_cost: 0.3008 ips: 8.1696 images/s

[02/28 02:42:39] ppdet.engine INFO: Epoch: [94] [600/690] learning\_rate: 0.000778 loss: 1.445709 loss\_cls: 0.270882 loss\_obj: 0.353919 loss\_iou: 0.152480 loss\_l1: 0.000000 size: 736.000000 eta: 0:28:46 batch\_cost: 0.4887 data\_cost: 0.2727 ips: 8.1851 images/s

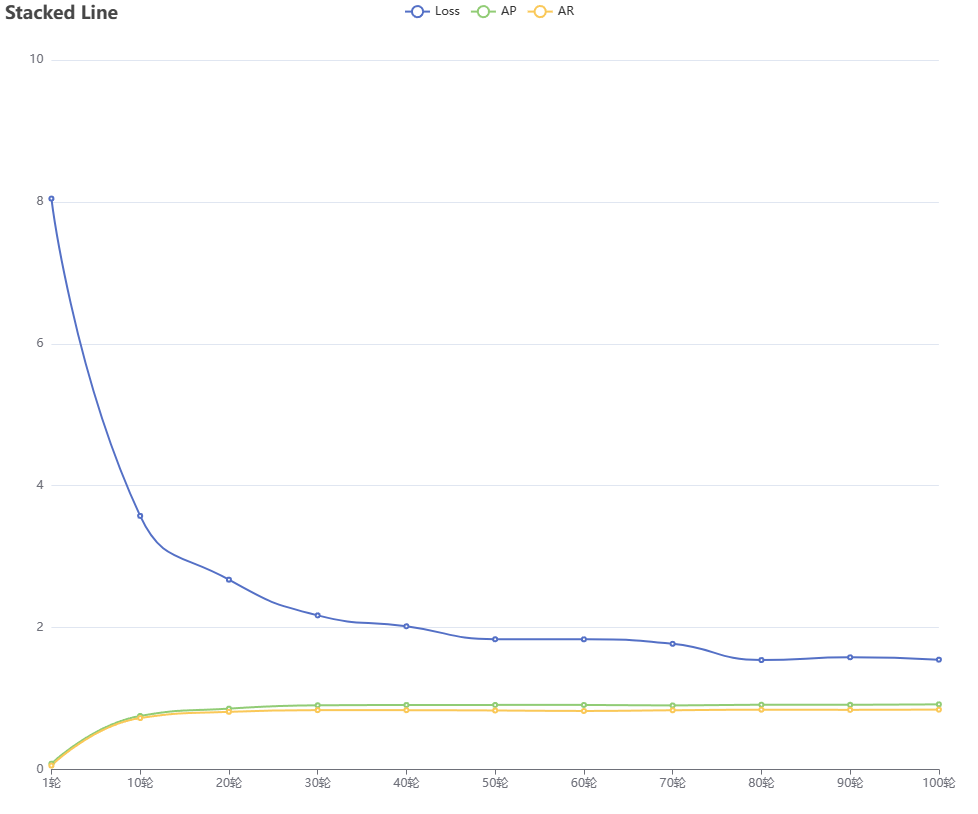
[02/28 02:48:42] ppdet.engine INFO: Epoch: [95] [600/690] learning\_rate: 0.000774 loss: 1.514602 loss\_cls: 0.275616 loss\_obj: 0.396980 loss\_iou: 0.163838 loss\_l1: 0.000000 size: 704.000000 eta: 0:23:10 batch\_cost: 0.5044 data\_cost: 0.3007 ips: 7.9304 images/s

[02/28 02:55:00] ppdet.engine INFO: Epoch: [96] [600/690] learning\_rate: 0.000769 loss: 1.497665 loss\_cls: 0.278225 loss\_obj: 0.391265 loss\_iou: 0.158651 loss\_l1: 0.000000 size: 608.000000 eta: 0:17:33 batch\_cost: 0.5003 data\_cost: 0.3226 ips: 7.9959 images/s

[02/28 03:01:03] ppdet.engine INFO: Epoch: [97] [600/690] learning\_rate: 0.000765 loss: 1.622722 loss\_cls: 0.285599 loss\_obj: 0.445286 loss\_iou: 0.169131 loss\_l1: 0.000000 size: 688.000000 eta: 0:11:57 batch\_cost: 0.5006 data\_cost: 0.2908 ips: 7.9908 images/s

[02/28 03:07:06] ppdet.engine INFO: Epoch: [98] [600/690] learning\_rate: 0.000760 loss: 1.486704 loss\_cls: 0.281219 loss\_obj: 0.351663 loss\_iou: 0.161627 loss\_l1: 0.000000 size: 608.000000 eta: 0:06:20 batch\_cost: 0.4855 data\_cost: 0.3068 ips: 8.2394 images/s

[02/28 03:13:25] ppdet.engine INFO: Epoch: [99] [600/690] learning\_rate: 0.000755 loss: 1.549501 loss\_cls: 0.280290 loss\_obj: 0.431032 loss\_iou: 0.162924 loss\_l1: 0.000000 size: 560.000000 eta: 0:00:43 batch\_cost: 0.4901 data\_cost: 0.3144 ips: 8.1613 images/s



##### 1.5.1.3 CSPDarkNet+FPN+YOLOXHead-2

[02/29 18:08:25] ppdet.engine INFO: Epoch: [0] [1300/1381] learning\_rate: 0.000004 loss: 15.831306 loss\_cls: 2.095900 loss\_obj: 9.933465 loss\_iou: 0.743738 loss\_l1: 0.000000 size: 608.000000 eta: 9:36:05 batch\_cost: 0.2340 data\_cost: 0.1100 ips: 8.5455 images/s

[02/29 18:14:29] ppdet.engine INFO: Epoch: [1] [1300/1381] learning\_rate: 0.000015 loss: 11.559938 loss\_cls: 1.444659 loss\_obj: 6.508987 loss\_iou: 0.716720 loss\_l1: 0.000000 size: 640.000000 eta: 9:06:39 batch\_cost: 0.2268 data\_cost: 0.1062 ips: 8.8198 images/s

[02/29 18:20:33] ppdet.engine INFO: Epoch: [2] [1300/1381] learning\_rate: 0.000035 loss: 9.408229 loss\_cls: 1.018262 loss\_obj: 4.906527 loss\_iou: 0.661297 loss\_l1: 0.000000 size: 592.000000 eta: 8:53:57 batch\_cost: 0.2360 data\_cost: 0.1150 ips: 8.4735 images/s

[02/29 18:27:19] ppdet.engine INFO: Epoch: [3] [1300/1381] learning\_rate: 0.000062 loss: 8.347759 loss\_cls: 0.753616 loss\_obj: 4.433764 loss\_iou: 0.625097 loss\_l1: 0.000000 size: 656.000000 eta: 8:45:40 batch\_cost: 0.2344 data\_cost: 0.1097 ips: 8.5339 images/s

[02/29 18:33:26] ppdet.engine INFO: Epoch: [4] [1300/1381] learning\_rate: 0.000098 loss: 7.133816 loss\_cls: 0.691361 loss\_obj: 3.479992 loss\_iou: 0.592073 loss\_l1: 0.000000 size: 576.000000 eta: 8:38:48 batch\_cost: 0.2338 data\_cost: 0.1229 ips: 8.5557 images/s

[02/29 18:39:32] ppdet.engine INFO: Epoch: [5] [1300/1381] learning\_rate: 0.000100 loss: 5.770690 loss\_cls: 0.634795 loss\_obj: 2.587743 loss\_iou: 0.509508 loss\_l1: 0.000000 size: 576.000000 eta: 8:32:17 batch\_cost: 0.2283 data\_cost: 0.1095 ips: 8.7600 images/s

[02/29 18:46:12] ppdet.engine INFO: Epoch: [6] [1300/1381] learning\_rate: 0.000100 loss: 5.039836 loss\_cls: 0.590866 loss\_obj: 2.058670 loss\_iou: 0.456889 loss\_l1: 0.000000 size: 704.000000 eta: 8:26:05 batch\_cost: 0.2266 data\_cost: 0.0979 ips: 8.8267 images/s

[02/29 18:52:18] ppdet.engine INFO: Epoch: [7] [1300/1381] learning\_rate: 0.000100 loss: 4.252633 loss\_cls: 0.554406 loss\_obj: 1.674049 loss\_iou: 0.420141 loss\_l1: 0.000000 size: 576.000000 eta: 8:20:05 batch\_cost: 0.2346 data\_cost: 0.1175 ips: 8.5236 images/s

Found inf or nan, current scale is: 4096.0, decrease to: 4096.0\*0.5

[02/29 18:58:25] ppdet.engine INFO: Epoch: [8] [1300/1381] learning\_rate: 0.000100 loss: 4.141508 loss\_cls: 0.527834 loss\_obj: 1.584499 loss\_iou: 0.384229 loss\_l1: 0.000000 size: 720.000000 eta: 8:14:17 batch\_cost: 0.2390 data\_cost: 0.1009 ips: 8.3665 images/s

[02/29 19:04:59] ppdet.engine INFO: Epoch: [9] [1300/1381] learning\_rate: 0.000100 loss: 3.946397 loss\_cls: 0.517512 loss\_obj: 1.590322 loss\_iou: 0.373508 loss\_l1: 0.000000 size: 704.000000 eta: 8:08:37 batch\_cost: 0.2435 data\_cost: 0.1183 ips: 8.2143 images/s

[02/29 19:11:07] ppdet.engine INFO: Epoch: [10] [1300/1381] learning\_rate: 0.000100 loss: 3.764307 loss\_cls: 0.506015 loss\_obj: 1.439037 loss\_iou: 0.364253 loss\_l1: 0.000000 size: 640.000000 eta: 8:03:10 batch\_cost: 0.2359 data\_cost: 0.1053 ips: 8.4798 images/s

[02/29 19:17:16] ppdet.engine INFO: Epoch: [11] [1300/1381] learning\_rate: 0.000100 loss: 3.714520 loss\_cls: 0.500975 loss\_obj: 1.451071 loss\_iou: 0.356234 loss\_l1: 0.000000 size: 592.000000 eta: 7:57:48 batch\_cost: 0.2341 data\_cost: 0.1119 ips: 8.5433 images/s

[02/29 19:23:46] ppdet.engine INFO: Epoch: [12] [1300/1381] learning\_rate: 0.000100 loss: 3.530168 loss\_cls: 0.475888 loss\_obj: 1.324915 loss\_iou: 0.343248 loss\_l1: 0.000000 size: 576.000000 eta: 7:52:19 batch\_cost: 0.2315 data\_cost: 0.1182 ips: 8.6392 images/s

[02/29 19:29:55] ppdet.engine INFO: Epoch: [13] [1300/1381] learning\_rate: 0.000100 loss: 3.349356 loss\_cls: 0.465285 loss\_obj: 1.197788 loss\_iou: 0.325813 loss\_l1: 0.000000 size: 672.000000 eta: 7:46:55 batch\_cost: 0.2296 data\_cost: 0.1030 ips: 8.7095 images/s

[02/29 19:36:01] ppdet.engine INFO: Epoch: [14] [1300/1381] learning\_rate: 0.000100 loss: 3.282810 loss\_cls: 0.458307 loss\_obj: 1.157178 loss\_iou: 0.329386 loss\_l1: 0.000000 size: 672.000000 eta: 7:41:18 batch\_cost: 0.2457 data\_cost: 0.1128 ips: 8.1401 images/s

[02/29 19:42:28] ppdet.engine INFO: Epoch: [15] [1300/1381] learning\_rate: 0.000100 loss: 3.016467 loss\_cls: 0.442018 loss\_obj: 1.001566 loss\_iou: 0.306572 loss\_l1: 0.000000 size: 688.000000 eta: 7:35:41 batch\_cost: 0.2355 data\_cost: 0.1118 ips: 8.4926 images/s

[02/29 19:48:34] ppdet.engine INFO: Epoch: [16] [1300/1381] learning\_rate: 0.000100 loss: 3.130116 loss\_cls: 0.452222 loss\_obj: 1.150148 loss\_iou: 0.311581 loss\_l1: 0.000000 size: 624.000000 eta: 7:30:05 batch\_cost: 0.2329 data\_cost: 0.1120 ips: 8.5874 images/s

[02/29 19:54:45] ppdet.engine INFO: Epoch: [17] [1300/1381] learning\_rate: 0.000100 loss: 3.060354 loss\_cls: 0.444325 loss\_obj: 1.090071 loss\_iou: 0.303254 loss\_l1: 0.000000 size: 592.000000 eta: 7:24:52 batch\_cost: 0.2355 data\_cost: 0.1170 ips: 8.4939 images/s

[02/29 20:01:12] ppdet.engine INFO: Epoch: [18] [1300/1381] learning\_rate: 0.000099 loss: 2.969839 loss\_cls: 0.436999 loss\_obj: 1.072848 loss\_iou: 0.298280 loss\_l1: 0.000000 size: 704.000000 eta: 7:19:11 batch\_cost: 0.2286 data\_cost: 0.0984 ips: 8.7504 images/s

[02/29 20:07:17] ppdet.engine INFO: Epoch: [19] [1300/1381] learning\_rate: 0.000099 loss: 2.657087 loss\_cls: 0.415763 loss\_obj: 0.871883 loss\_iou: 0.275876 loss\_l1: 0.000000 size: 544.000000 eta: 7:13:36 batch\_cost: 0.2313 data\_cost: 0.1176 ips: 8.6462 images/s

[02/29 20:13:24] ppdet.engine INFO: Epoch: [20] [1300/1381] learning\_rate: 0.000099 loss: 2.727302 loss\_cls: 0.423708 loss\_obj: 0.874928 loss\_iou: 0.285423 loss\_l1: 0.000000 size: 640.000000 eta: 7:08:08 batch\_cost: 0.2330 data\_cost: 0.1089 ips: 8.5853 images/s

[02/29 20:19:52] ppdet.engine INFO: Epoch: [21] [1300/1381] learning\_rate: 0.000099 loss: 2.799433 loss\_cls: 0.396769 loss\_obj: 0.954723 loss\_iou: 0.275532 loss\_l1: 0.000000 size: 640.000000 eta: 7:02:35 batch\_cost: 0.2346 data\_cost: 0.1104 ips: 8.5244 images/s

[02/29 20:25:57] ppdet.engine INFO: Epoch: [22] [1300/1381] learning\_rate: 0.000099 loss: 2.736922 loss\_cls: 0.401353 loss\_obj: 0.927861 loss\_iou: 0.267705 loss\_l1: 0.000000 size: 640.000000 eta: 6:57:02 batch\_cost: 0.2394 data\_cost: 0.1149 ips: 8.3559 images/s

[02/29 20:32:05] ppdet.engine INFO: Epoch: [23] [1300/1381] learning\_rate: 0.000099 loss: 2.225662 loss\_cls: 0.382657 loss\_obj: 0.662548 loss\_iou: 0.242887 loss\_l1: 0.000000 size: 688.000000 eta: 6:51:39 batch\_cost: 0.2238 data\_cost: 0.0988 ips: 8.9351 images/s

[02/29 20:38:33] ppdet.engine INFO: Epoch: [24] [1300/1381] learning\_rate: 0.000099 loss: 2.457816 loss\_cls: 0.396632 loss\_obj: 0.799064 loss\_iou: 0.253711 loss\_l1: 0.000000 size: 608.000000 eta: 6:46:12 batch\_cost: 0.2345 data\_cost: 0.1106 ips: 8.5301 images/s

[02/29 20:44:42] ppdet.engine INFO: Epoch: [25] [1300/1381] learning\_rate: 0.000099 loss: 2.287483 loss\_cls: 0.380140 loss\_obj: 0.640240 loss\_iou: 0.242096 loss\_l1: 0.000000 size: 576.000000 eta: 6:40:52 batch\_cost: 0.2426 data\_cost: 0.1274 ips: 8.2438 images/s

[02/29 20:50:50] ppdet.engine INFO: Epoch: [26] [1300/1381] learning\_rate: 0.000099 loss: 2.416087 loss\_cls: 0.383923 loss\_obj: 0.756488 loss\_iou: 0.250090 loss\_l1: 0.000000 size: 672.000000 eta: 6:35:27 batch\_cost: 0.2400 data\_cost: 0.1133 ips: 8.3319 images/s

[02/29 20:57:20] ppdet.engine INFO: Epoch: [27] [1300/1381] learning\_rate: 0.000098 loss: 2.303268 loss\_cls: 0.368241 loss\_obj: 0.637677 loss\_iou: 0.229985 loss\_l1: 0.000000 size: 672.000000 eta: 6:30:04 batch\_cost: 0.2391 data\_cost: 0.1201 ips: 8.3661 images/s

[02/29 21:03:28] ppdet.engine INFO: Epoch: [28] [1300/1381] learning\_rate: 0.000098 loss: 2.426281 loss\_cls: 0.387381 loss\_obj: 0.810109 loss\_iou: 0.251921 loss\_l1: 0.000000 size: 640.000000 eta: 6:24:39 batch\_cost: 0.2341 data\_cost: 0.1155 ips: 8.5429 images/s

[02/29 21:09:33] ppdet.engine INFO: Epoch: [29] [1300/1381] learning\_rate: 0.000098 loss: 2.407735 loss\_cls: 0.384728 loss\_obj: 0.749125 loss\_iou: 0.250108 loss\_l1: 0.000000 size: 608.000000 eta: 6:19:09 batch\_cost: 0.2296 data\_cost: 0.1111 ips: 8.7115 images/s

[02/29 21:15:49] ppdet.engine INFO: Epoch: [30] [1300/1381] learning\_rate: 0.000098 loss: 2.150855 loss\_cls: 0.359756 loss\_obj: 0.659105 loss\_iou: 0.218703 loss\_l1: 0.000000 size: 672.000000 eta: 6:13:15 batch\_cost: 0.2241 data\_cost: 0.0944 ips: 8.9264 images/s

[02/29 21:21:49] ppdet.engine INFO: Epoch: [31] [1300/1381] learning\_rate: 0.000098 loss: 2.323159 loss\_cls: 0.369846 loss\_obj: 0.789095 loss\_iou: 0.236686 loss\_l1: 0.000000 size: 672.000000 eta: 6:07:35 batch\_cost: 0.2229 data\_cost: 0.0954 ips: 8.9730 images/s

[02/29 21:27:51] ppdet.engine INFO: Epoch: [32] [1300/1381] learning\_rate: 0.000098 loss: 2.181526 loss\_cls: 0.357733 loss\_obj: 0.694192 loss\_iou: 0.224053 loss\_l1: 0.000000 size: 624.000000 eta: 6:02:00 batch\_cost: 0.2325 data\_cost: 0.1087 ips: 8.6013 images/s

[02/29 21:34:08] ppdet.engine INFO: Epoch: [33] [1300/1381] learning\_rate: 0.000098 loss: 2.266656 loss\_cls: 0.376550 loss\_obj: 0.715786 loss\_iou: 0.237887 loss\_l1: 0.000000 size: 640.000000 eta: 5:56:14 batch\_cost: 0.2272 data\_cost: 0.1078 ips: 8.8027 images/s

[02/29 21:40:14] ppdet.engine INFO: Epoch: [34] [1300/1381] learning\_rate: 0.000097 loss: 2.097752 loss\_cls: 0.345637 loss\_obj: 0.662793 loss\_iou: 0.217607 loss\_l1: 0.000000 size: 688.000000 eta: 5:50:50 batch\_cost: 0.2275 data\_cost: 0.0981 ips: 8.7930 images/s

[02/29 21:46:20] ppdet.engine INFO: Epoch: [35] [1300/1381] learning\_rate: 0.000097 loss: 2.330039 loss\_cls: 0.364714 loss\_obj: 0.734989 loss\_iou: 0.240705 loss\_l1: 0.000000 size: 624.000000 eta: 5:45:24 batch\_cost: 0.2395 data\_cost: 0.1163 ips: 8.3517 images/s

[02/29 21:52:44] ppdet.engine INFO: Epoch: [36] [1300/1381] learning\_rate: 0.000097 loss: 2.174117 loss\_cls: 0.369012 loss\_obj: 0.644479 loss\_iou: 0.229271 loss\_l1: 0.000000 size: 672.000000 eta: 5:39:59 batch\_cost: 0.2435 data\_cost: 0.1179 ips: 8.2139 images/s

[02/29 21:58:49] ppdet.engine INFO: Epoch: [37] [1300/1381] learning\_rate: 0.000097 loss: 2.131717 loss\_cls: 0.351819 loss\_obj: 0.658168 loss\_iou: 0.219737 loss\_l1: 0.000000 size: 608.000000 eta: 5:34:34 batch\_cost: 0.2352 data\_cost: 0.1180 ips: 8.5018 images/s

[02/29 22:04:53] ppdet.engine INFO: Epoch: [38] [1300/1381] learning\_rate: 0.000097 loss: 2.132694 loss\_cls: 0.352589 loss\_obj: 0.654866 loss\_iou: 0.218042 loss\_l1: 0.000000 size: 576.000000 eta: 5:29:07 batch\_cost: 0.2427 data\_cost: 0.1221 ips: 8.2405 images/s

[02/29 22:11:17] ppdet.engine INFO: Epoch: [39] [1300/1381] learning\_rate: 0.000096 loss: 2.232010 loss\_cls: 0.368412 loss\_obj: 0.704250 loss\_iou: 0.237593 loss\_l1: 0.000000 size: 704.000000 eta: 5:23:42 batch\_cost: 0.2468 data\_cost: 0.1124 ips: 8.1036 images/s

[02/29 22:17:25] ppdet.engine INFO: Epoch: [40] [1300/1381] learning\_rate: 0.000096 loss: 2.106824 loss\_cls: 0.357303 loss\_obj: 0.675930 loss\_iou: 0.221420 loss\_l1: 0.000000 size: 640.000000 eta: 5:18:20 batch\_cost: 0.2424 data\_cost: 0.1221 ips: 8.2511 images/s

[02/29 22:23:29] ppdet.engine INFO: Epoch: [41] [1300/1381] learning\_rate: 0.000096 loss: 2.041499 loss\_cls: 0.339472 loss\_obj: 0.560321 loss\_iou: 0.215403 loss\_l1: 0.000000 size: 656.000000 eta: 5:12:54 batch\_cost: 0.2342 data\_cost: 0.1098 ips: 8.5401 images/s

[02/29 22:29:54] ppdet.engine INFO: Epoch: [42] [1300/1381] learning\_rate: 0.000096 loss: 2.093965 loss\_cls: 0.342351 loss\_obj: 0.617683 loss\_iou: 0.218355 loss\_l1: 0.000000 size: 592.000000 eta: 5:07:31 batch\_cost: 0.2308 data\_cost: 0.1163 ips: 8.6656 images/s

[02/29 22:36:01] ppdet.engine INFO: Epoch: [43] [1300/1381] learning\_rate: 0.000096 loss: 2.006206 loss\_cls: 0.336790 loss\_obj: 0.597380 loss\_iou: 0.212015 loss\_l1: 0.000000 size: 576.000000 eta: 5:02:09 batch\_cost: 0.2311 data\_cost: 0.1158 ips: 8.6534 images/s

[02/29 22:42:09] ppdet.engine INFO: Epoch: [44] [1300/1381] learning\_rate: 0.000095 loss: 1.969358 loss\_cls: 0.339779 loss\_obj: 0.539967 loss\_iou: 0.212623 loss\_l1: 0.000000 size: 624.000000 eta: 4:56:47 batch\_cost: 0.2358 data\_cost: 0.1153 ips: 8.4810 images/s

[02/29 22:48:33] ppdet.engine INFO: Epoch: [45] [1300/1381] learning\_rate: 0.000095 loss: 1.812019 loss\_cls: 0.326570 loss\_obj: 0.530297 loss\_iou: 0.197718 loss\_l1: 0.000000 size: 608.000000 eta: 4:51:23 batch\_cost: 0.2355 data\_cost: 0.1194 ips: 8.4927 images/s

[02/29 22:54:38] ppdet.engine INFO: Epoch: [46] [1300/1381] learning\_rate: 0.000095 loss: 2.176997 loss\_cls: 0.340379 loss\_obj: 0.752042 loss\_iou: 0.211611 loss\_l1: 0.000000 size: 640.000000 eta: 4:45:57 batch\_cost: 0.2294 data\_cost: 0.1059 ips: 8.7199 images/s

[02/29 23:00:44] ppdet.engine INFO: Epoch: [47] [1300/1381] learning\_rate: 0.000095 loss: 1.867892 loss\_cls: 0.326038 loss\_obj: 0.504580 loss\_iou: 0.205805 loss\_l1: 0.000000 size: 640.000000 eta: 4:40:34 batch\_cost: 0.2394 data\_cost: 0.1188 ips: 8.3530 images/s

[02/29 23:07:06] ppdet.engine INFO: Epoch: [48] [1300/1381] learning\_rate: 0.000094 loss: 1.936435 loss\_cls: 0.334551 loss\_obj: 0.491245 loss\_iou: 0.201689 loss\_l1: 0.000000 size: 592.000000 eta: 4:35:08 batch\_cost: 0.2289 data\_cost: 0.1124 ips: 8.7364 images/s

[02/29 23:13:13] ppdet.engine INFO: Epoch: [49] [1300/1381] learning\_rate: 0.000094 loss: 2.016210 loss\_cls: 0.336381 loss\_obj: 0.566628 loss\_iou: 0.208578 loss\_l1: 0.000000 size: 656.000000 eta: 4:29:45 batch\_cost: 0.2334 data\_cost: 0.1107 ips: 8.5706 images/s

[02/29 23:19:22] ppdet.engine INFO: Epoch: [50] [1300/1381] learning\_rate: 0.000094 loss: 1.780040 loss\_cls: 0.325670 loss\_obj: 0.418225 loss\_iou: 0.192930 loss\_l1: 0.000000 size: 688.000000 eta: 4:24:24 batch\_cost: 0.2319 data\_cost: 0.1007 ips: 8.6227 images/s

[02/29 23:25:47] ppdet.engine INFO: Epoch: [51] [1300/1381] learning\_rate: 0.000094 loss: 2.035065 loss\_cls: 0.336917 loss\_obj: 0.584016 loss\_iou: 0.214637 loss\_l1: 0.000000 size: 704.000000 eta: 4:19:01 batch\_cost: 0.2403 data\_cost: 0.1085 ips: 8.3237 images/s

[02/29 23:31:53] ppdet.engine INFO: Epoch: [52] [1300/1381] learning\_rate: 0.000093 loss: 1.946285 loss\_cls: 0.330627 loss\_obj: 0.539103 loss\_iou: 0.207231 loss\_l1: 0.000000 size: 672.000000 eta: 4:13:38 batch\_cost: 0.2284 data\_cost: 0.1039 ips: 8.7550 images/s

[02/29 23:38:01] ppdet.engine INFO: Epoch: [53] [1300/1381] learning\_rate: 0.000093 loss: 1.888987 loss\_cls: 0.315666 loss\_obj: 0.557905 loss\_iou: 0.195326 loss\_l1: 0.000000 size: 640.000000 eta: 4:08:16 batch\_cost: 0.2311 data\_cost: 0.1095 ips: 8.6545 images/s

[02/29 23:44:25] ppdet.engine INFO: Epoch: [54] [1300/1381] learning\_rate: 0.000093 loss: 1.755692 loss\_cls: 0.317757 loss\_obj: 0.455694 loss\_iou: 0.190822 loss\_l1: 0.000000 size: 608.000000 eta: 4:02:51 batch\_cost: 0.2374 data\_cost: 0.1163 ips: 8.4257 images/s

[02/29 23:50:32] ppdet.engine INFO: Epoch: [55] [1300/1381] learning\_rate: 0.000092 loss: 1.855827 loss\_cls: 0.324124 loss\_obj: 0.519690 loss\_iou: 0.200589 loss\_l1: 0.000000 size: 576.000000 eta: 3:57:29 batch\_cost: 0.2332 data\_cost: 0.1150 ips: 8.5763 images/s

[02/29 23:56:42] ppdet.engine INFO: Epoch: [56] [1300/1381] learning\_rate: 0.000092 loss: 1.805535 loss\_cls: 0.304880 loss\_obj: 0.476852 loss\_iou: 0.182959 loss\_l1: 0.000000 size: 592.000000 eta: 3:52:08 batch\_cost: 0.2315 data\_cost: 0.1141 ips: 8.6381 images/s

[03/01 00:03:06] ppdet.engine INFO: Epoch: [57] [1300/1381] learning\_rate: 0.000092 loss: 1.655021 loss\_cls: 0.311316 loss\_obj: 0.465313 loss\_iou: 0.181108 loss\_l1: 0.000000 size: 608.000000 eta: 3:46:44 batch\_cost: 0.2215 data\_cost: 0.1081 ips: 9.0304 images/s

[03/01 00:09:12] ppdet.engine INFO: Epoch: [58] [1300/1381] learning\_rate: 0.000092 loss: 1.604417 loss\_cls: 0.294765 loss\_obj: 0.397972 loss\_iou: 0.175928 loss\_l1: 0.000000 size: 640.000000 eta: 3:41:21 batch\_cost: 0.2363 data\_cost: 0.1159 ips: 8.4631 images/s

[03/01 00:15:17] ppdet.engine INFO: Epoch: [59] [1300/1381] learning\_rate: 0.000091 loss: 1.860773 loss\_cls: 0.329603 loss\_obj: 0.532880 loss\_iou: 0.201693 loss\_l1: 0.000000 size: 624.000000 eta: 3:35:56 batch\_cost: 0.2373 data\_cost: 0.1158 ips: 8.4266 images/s

[03/01 00:27:53] ppdet.engine INFO: Epoch: [61] [1300/1381] learning\_rate: 0.000091 loss: 1.768136 loss\_cls: 0.314614 loss\_obj: 0.526483 loss\_iou: 0.184026 loss\_l1: 0.000000 size: 672.000000 eta: 3:25:12 batch\_cost: 0.2326 data\_cost: 0.1058 ips: 8.5977 images/s

[03/01 00:34:01] ppdet.engine INFO: Epoch: [62] [1300/1381] learning\_rate: 0.000090 loss: 1.744470 loss\_cls: 0.309987 loss\_obj: 0.464477 loss\_iou: 0.183972 loss\_l1: 0.000000 size: 624.000000 eta: 3:19:49 batch\_cost: 0.2318 data\_cost: 0.1129 ips: 8.6287 images/s

[03/01 00:40:25] ppdet.engine INFO: Epoch: [63] [1300/1381] learning\_rate: 0.000090 loss: 1.794926 loss\_cls: 0.312625 loss\_obj: 0.506194 loss\_iou: 0.188560 loss\_l1: 0.000000 size: 736.000000 eta: 3:14:25 batch\_cost: 0.2331 data\_cost: 0.0978 ips: 8.5817 images/s

[03/01 00:46:32] ppdet.engine INFO: Epoch: [64] [1300/1381] learning\_rate: 0.000090 loss: 1.630176 loss\_cls: 0.307820 loss\_obj: 0.444990 loss\_iou: 0.183268 loss\_l1: 0.000000 size: 608.000000 eta: 3:09:02 batch\_cost: 0.2359 data\_cost: 0.1119 ips: 8.4775 images/s

[03/01 00:52:40] ppdet.engine INFO: Epoch: [65] [1300/1381] learning\_rate: 0.000089 loss: 1.622110 loss\_cls: 0.299567 loss\_obj: 0.412371 loss\_iou: 0.174677 loss\_l1: 0.000000 size: 720.000000 eta: 3:03:39 batch\_cost: 0.2354 data\_cost: 0.1038 ips: 8.4948 images/s

[03/01 00:59:03] ppdet.engine INFO: Epoch: [66] [1300/1381] learning\_rate: 0.000089 loss: 1.768388 loss\_cls: 0.309860 loss\_obj: 0.455762 loss\_iou: 0.183076 loss\_l1: 0.000000 size: 640.000000 eta: 2:58:15 batch\_cost: 0.2310 data\_cost: 0.1093 ips: 8.6591 images/s

[03/01 01:05:13] ppdet.engine INFO: Epoch: [67] [1300/1381] learning\_rate: 0.000089 loss: 1.627898 loss\_cls: 0.303742 loss\_obj: 0.455580 loss\_iou: 0.175527 loss\_l1: 0.000000 size: 672.000000 eta: 2:52:53 batch\_cost: 0.2291 data\_cost: 0.1030 ips: 8.7304 images/s

[03/01 01:11:21] ppdet.engine INFO: Epoch: [68] [1300/1381] learning\_rate: 0.000088 loss: 1.621982 loss\_cls: 0.299435 loss\_obj: 0.397903 loss\_iou: 0.175593 loss\_l1: 0.000000 size: 672.000000 eta: 2:47:30 batch\_cost: 0.2294 data\_cost: 0.1056 ips: 8.7175 images/s

[03/01 01:17:44] ppdet.engine INFO: Epoch: [69] [1300/1381] learning\_rate: 0.000088 loss: 1.775085 loss\_cls: 0.297611 loss\_obj: 0.527664 loss\_iou: 0.183335 loss\_l1: 0.000000 size: 720.000000 eta: 2:42:06 batch\_cost: 0.2278 data\_cost: 0.0969 ips: 8.7809 images/s

[03/01 01:23:57] ppdet.engine INFO: Epoch: [70] [1300/1381] learning\_rate: 0.000088 loss: 1.679524 loss\_cls: 0.297132 loss\_obj: 0.429666 loss\_iou: 0.182174 loss\_l1: 0.000000 size: 624.000000 eta: 2:36:45 batch\_cost: 0.2379 data\_cost: 0.1151 ips: 8.4066 images/s

[03/01 01:30:04] ppdet.engine INFO: Epoch: [71] [1300/1381] learning\_rate: 0.000087 loss: 1.561683 loss\_cls: 0.289207 loss\_obj: 0.359195 loss\_iou: 0.171144 loss\_l1: 0.000000 size: 560.000000 eta: 2:31:22 batch\_cost: 0.2313 data\_cost: 0.1154 ips: 8.6456 images/s

[03/01 01:36:30] ppdet.engine INFO: Epoch: [72] [1300/1381] learning\_rate: 0.000087 loss: 1.702113 loss\_cls: 0.293766 loss\_obj: 0.434090 loss\_iou: 0.176835 loss\_l1: 0.000000 size: 672.000000 eta: 2:25:59 batch\_cost: 0.2373 data\_cost: 0.1110 ips: 8.4289 images/s

[03/01 01:42:40] ppdet.engine INFO: Epoch: [73] [1300/1381] learning\_rate: 0.000086 loss: 1.501738 loss\_cls: 0.294742 loss\_obj: 0.337790 loss\_iou: 0.171614 loss\_l1: 0.000000 size: 640.000000 eta: 2:20:36 batch\_cost: 0.2362 data\_cost: 0.1129 ips: 8.4687 images/s

[03/01 01:48:48] ppdet.engine INFO: Epoch: [74] [1300/1381] learning\_rate: 0.000086 loss: 1.594243 loss\_cls: 0.298374 loss\_obj: 0.400141 loss\_iou: 0.173207 loss\_l1: 0.000000 size: 576.000000 eta: 2:15:13 batch\_cost: 0.2312 data\_cost: 0.1073 ips: 8.6507 images/s

[03/01 01:55:15] ppdet.engine INFO: Epoch: [75] [1300/1381] learning\_rate: 0.000086 loss: 1.680365 loss\_cls: 0.299925 loss\_obj: 0.460587 loss\_iou: 0.183688 loss\_l1: 0.000000 size: 576.000000 eta: 2:09:49 batch\_cost: 0.2379 data\_cost: 0.1167 ips: 8.4067 images/s

[03/01 02:01:21] ppdet.engine INFO: Epoch: [76] [1300/1381] learning\_rate: 0.000085 loss: 1.613605 loss\_cls: 0.291789 loss\_obj: 0.427904 loss\_iou: 0.173637 loss\_l1: 0.000000 size: 640.000000 eta: 2:04:25 batch\_cost: 0.2361 data\_cost: 0.1152 ips: 8.4726 images/s

[03/01 02:07:31] ppdet.engine INFO: Epoch: [77] [1300/1381] learning\_rate: 0.000085 loss: 1.667365 loss\_cls: 0.300580 loss\_obj: 0.459020 loss\_iou: 0.178314 loss\_l1: 0.000000 size: 592.000000 eta: 1:59:02 batch\_cost: 0.2373 data\_cost: 0.1207 ips: 8.4285 images/s

[03/01 02:13:56] ppdet.engine INFO: Epoch: [78] [1300/1381] learning\_rate: 0.000085 loss: 1.624138 loss\_cls: 0.291495 loss\_obj: 0.407962 loss\_iou: 0.177045 loss\_l1: 0.000000 size: 608.000000 eta: 1:53:39 batch\_cost: 0.2421 data\_cost: 0.1219 ips: 8.2623 images/s

[03/01 02:20:06] ppdet.engine INFO: Epoch: [79] [1300/1381] learning\_rate: 0.000084 loss: 1.685363 loss\_cls: 0.302097 loss\_obj: 0.438667 loss\_iou: 0.174908 loss\_l1: 0.000000 size: 592.000000 eta: 1:48:16 batch\_cost: 0.2350 data\_cost: 0.1132 ips: 8.5101 images/s

[03/01 02:26:12] ppdet.engine INFO: Epoch: [80] [1300/1381] learning\_rate: 0.000084 loss: 1.599709 loss\_cls: 0.304489 loss\_obj: 0.367397 loss\_iou: 0.179125 loss\_l1: 0.000000 size: 640.000000 eta: 1:42:52 batch\_cost: 0.2294 data\_cost: 0.1076 ips: 8.7166 images/s

[03/01 02:32:35] ppdet.engine INFO: Epoch: [81] [1300/1381] learning\_rate: 0.000083 loss: 1.536426 loss\_cls: 0.287607 loss\_obj: 0.358454 loss\_iou: 0.169417 loss\_l1: 0.000000 size: 576.000000 eta: 1:37:28 batch\_cost: 0.2249 data\_cost: 0.1118 ips: 8.8914 images/s

[03/01 02:38:43] ppdet.engine INFO: Epoch: [82] [1300/1381] learning\_rate: 0.000083 loss: 1.688702 loss\_cls: 0.300366 loss\_obj: 0.488371 loss\_iou: 0.182227 loss\_l1: 0.000000 size: 608.000000 eta: 1:32:04 batch\_cost: 0.2370 data\_cost: 0.1170 ips: 8.4375 images/s

[03/01 02:44:50] ppdet.engine INFO: Epoch: [83] [1300/1381] learning\_rate: 0.000083 loss: 1.737360 loss\_cls: 0.297710 loss\_obj: 0.404176 loss\_iou: 0.178913 loss\_l1: 0.000000 size: 608.000000 eta: 1:26:40 batch\_cost: 0.2311 data\_cost: 0.1134 ips: 8.6558 images/s

[03/01 02:51:15] ppdet.engine INFO: Epoch: [84] [1300/1381] learning\_rate: 0.000082 loss: 1.693054 loss\_cls: 0.293069 loss\_obj: 0.479715 loss\_iou: 0.171505 loss\_l1: 0.000000 size: 576.000000 eta: 1:21:17 batch\_cost: 0.2346 data\_cost: 0.1132 ips: 8.5266 images/s

[03/01 02:57:24] ppdet.engine INFO: Epoch: [85] [1300/1381] learning\_rate: 0.000082 loss: 1.621700 loss\_cls: 0.296444 loss\_obj: 0.440453 loss\_iou: 0.177852 loss\_l1: 0.000000 size: 704.000000 eta: 1:15:53 batch\_cost: 0.2404 data\_cost: 0.1094 ips: 8.3181 images/s

[03/01 03:03:31] ppdet.engine INFO: Epoch: [86] [1300/1381] learning\_rate: 0.000081 loss: 1.554689 loss\_cls: 0.290312 loss\_obj: 0.350444 loss\_iou: 0.171104 loss\_l1: 0.000000 size: 576.000000 eta: 1:10:29 batch\_cost: 0.2313 data\_cost: 0.1200 ips: 8.6457 images/s

[03/01 03:09:53] ppdet.engine INFO: Epoch: [87] [1300/1381] learning\_rate: 0.000081 loss: 1.591848 loss\_cls: 0.281725 loss\_obj: 0.430220 loss\_iou: 0.163137 loss\_l1: 0.000000 size: 640.000000 eta: 1:05:05 batch\_cost: 0.2333 data\_cost: 0.1101 ips: 8.5719 images/s

[03/01 03:16:00] ppdet.engine INFO: Epoch: [88] [1300/1381] learning\_rate: 0.000080 loss: 1.521028 loss\_cls: 0.277906 loss\_obj: 0.411636 loss\_iou: 0.161745 loss\_l1: 0.000000 size: 704.000000 eta: 0:59:41 batch\_cost: 0.2381 data\_cost: 0.1088 ips: 8.3986 images/s

[03/01 03:22:10] ppdet.engine INFO: Epoch: [89] [1300/1381] learning\_rate: 0.000080 loss: 1.539378 loss\_cls: 0.289169 loss\_obj: 0.371845 loss\_iou: 0.170193 loss\_l1: 0.000000 size: 640.000000 eta: 0:54:18 batch\_cost: 0.2480 data\_cost: 0.1258 ips: 8.0659 images/s

[03/01 03:28:35] ppdet.engine INFO: Epoch: [90] [1300/1381] learning\_rate: 0.000080 loss: 1.482777 loss\_cls: 0.279577 loss\_obj: 0.356499 loss\_iou: 0.165236 loss\_l1: 0.000000 size: 672.000000 eta: 0:48:54 batch\_cost: 0.2322 data\_cost: 0.1088 ips: 8.6131 images/s

[03/01 03:34:43] ppdet.engine INFO: Epoch: [91] [1300/1381] learning\_rate: 0.000079 loss: 1.630009 loss\_cls: 0.281317 loss\_obj: 0.382231 loss\_iou: 0.175488 loss\_l1: 0.000000 size: 656.000000 eta: 0:43:30 batch\_cost: 0.2395 data\_cost: 0.1171 ips: 8.3501 images/s

[03/01 03:40:52] ppdet.engine INFO: Epoch: [92] [1300/1381] learning\_rate: 0.000079 loss: 1.530084 loss\_cls: 0.279926 loss\_obj: 0.403737 loss\_iou: 0.160192 loss\_l1: 0.000000 size: 720.000000 eta: 0:38:06 batch\_cost: 0.2368 data\_cost: 0.1027 ips: 8.4453 images/s

[03/01 03:47:17] ppdet.engine INFO: Epoch: [93] [1300/1381] learning\_rate: 0.000078 loss: 1.489767 loss\_cls: 0.275021 loss\_obj: 0.408558 loss\_iou: 0.158155 loss\_l1: 0.000000 size: 544.000000 eta: 0:32:42 batch\_cost: 0.2371 data\_cost: 0.1239 ips: 8.4349 images/s

[03/01 03:53:27] ppdet.engine INFO: Epoch: [94] [1300/1381] learning\_rate: 0.000078 loss: 1.471796 loss\_cls: 0.278339 loss\_obj: 0.400736 loss\_iou: 0.159489 loss\_l1: 0.000000 size: 608.000000 eta: 0:27:18 batch\_cost: 0.2387 data\_cost: 0.1235 ips: 8.3802 images/s

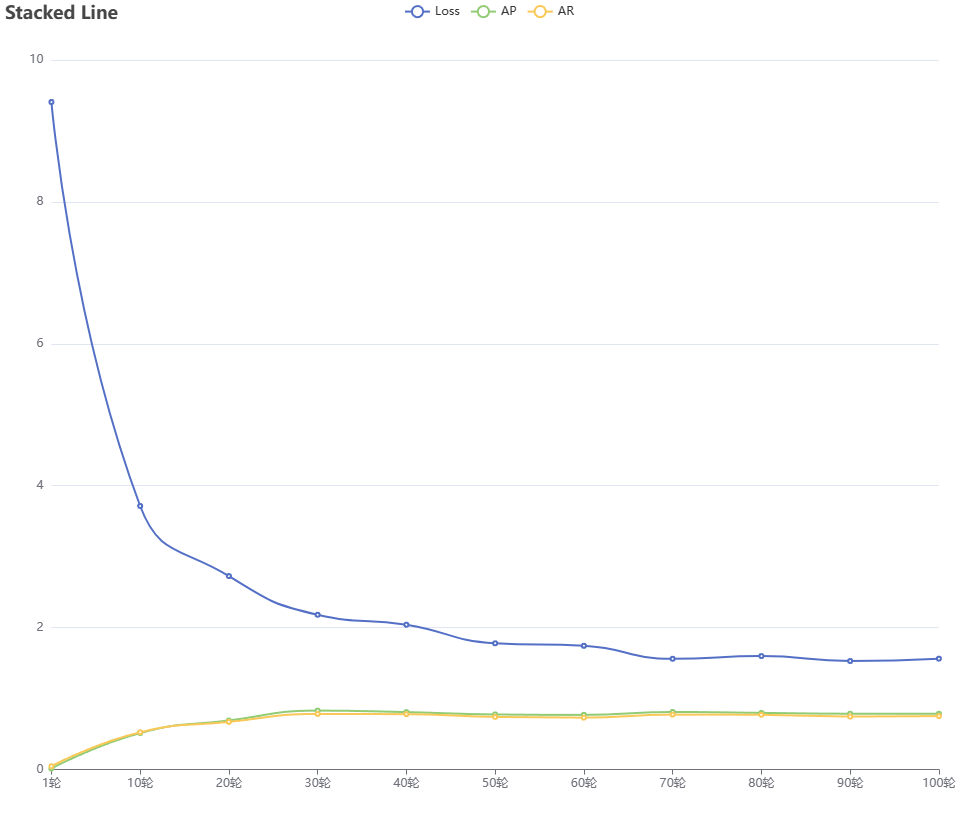
[03/01 03:59:39] ppdet.engine INFO: Epoch: [95] [1300/1381] learning\_rate: 0.000077 loss: 1.706453 loss\_cls: 0.298878 loss\_obj: 0.492053 loss\_iou: 0.178146 loss\_l1: 0.000000 size: 704.000000 eta: 0:21:55 batch\_cost: 0.2429 data\_cost: 0.1120 ips: 8.2341 images/s

[03/01 04:06:06] ppdet.engine INFO: Epoch: [96] [1300/1381] learning\_rate: 0.000077 loss: 1.314150 loss\_cls: 0.255012 loss\_obj: 0.360094 loss\_iou: 0.142607 loss\_l1: 0.000000 size: 608.000000 eta: 0:16:31 batch\_cost: 0.2404 data\_cost: 0.1176 ips: 8.3191 images/s

[03/01 04:12:16] ppdet.engine INFO: Epoch: [97] [1300/1381] learning\_rate: 0.000076 loss: 1.597759 loss\_cls: 0.281483 loss\_obj: 0.407734 loss\_iou: 0.164408 loss\_l1: 0.000000 size: 624.000000 eta: 0:11:07 batch\_cost: 0.2337 data\_cost: 0.1122 ips: 8.5585 images/s

[03/01 04:18:28] ppdet.engine INFO: Epoch: [98] [1300/1381] learning\_rate: 0.000076 loss: 1.585695 loss\_cls: 0.288212 loss\_obj: 0.404470 loss\_iou: 0.167983 loss\_l1: 0.000000 size: 688.000000 eta: 0:05:43 batch\_cost: 0.2437 data\_cost: 0.1121 ips: 8.2079 images/s

[03/01 04:24:55] ppdet.engine INFO: Epoch: [99] [1300/1381] learning\_rate: 0.000076 loss: 1.563483 loss\_cls: 0.290431 loss\_obj: 0.432175 loss\_iou: 0.171340 loss\_l1: 0.000000 size: 688.000000 eta: 0:00:19 batch\_cost: 0.2404 data\_cost: 0.1103 ips: 8.3194 images/s



##### 1.5.1.4 EfficientNet+FPN+YOLOXHead-8

[03/01 10:44:51] ppdet.engine INFO: Epoch: [0] [300/345] learning\_rate: 0.000302 loss: 11.937266 loss\_cls: 1.909430 loss\_obj: 6.463791 loss\_iou: 0.704384 loss\_l1: 0.000000 size: 608.000000 eta: 1 day, 5:50:14 batch\_cost: 1.0424 data\_cost: 0.8896 ips: 7.6749 images/s

[03/01 10:50:55] ppdet.engine INFO: Epoch: [1] [300/345] learning\_rate: 0.001398 loss: 8.675556 loss\_cls: 0.763650 loss\_obj: 4.721258 loss\_iou: 0.638575 loss\_l1: 0.000000 size: 672.000000 eta: 1 day, 5:44:59 batch\_cost: 1.0380 data\_cost: 0.8827 ips: 7.7073 images/s

[03/01 10:56:59] ppdet.engine INFO: Epoch: [2] [300/345] learning\_rate: 0.003294 loss: 6.934319 loss\_cls: 0.661412 loss\_obj: 3.362679 loss\_iou: 0.579219 loss\_l1: 0.000000 size: 640.000000 eta: 1 day, 5:38:45 batch\_cost: 1.0457 data\_cost: 0.8903 ips: 7.6501 images/s

[03/01 11:03:01] ppdet.engine INFO: Epoch: [3] [300/345] learning\_rate: 0.005989 loss: 5.834879 loss\_cls: 0.625997 loss\_obj: 2.576887 loss\_iou: 0.519234 loss\_l1: 0.000000 size: 688.000000 eta: 1 day, 5:31:30 batch\_cost: 1.0449 data\_cost: 0.8950 ips: 7.6559 images/s

[03/01 11:09:04] ppdet.engine INFO: Epoch: [4] [300/345] learning\_rate: 0.009485 loss: 5.230165 loss\_cls: 0.604000 loss\_obj: 2.124511 loss\_iou: 0.488062 loss\_l1: 0.000000 size: 544.000000 eta: 1 day, 5:25:28 batch\_cost: 1.0511 data\_cost: 0.9025 ips: 7.6113 images/s

[03/01 11:15:08] ppdet.engine INFO: Epoch: [5] [300/345] learning\_rate: 0.010000 loss: 4.717160 loss\_cls: 0.576062 loss\_obj: 1.882225 loss\_iou: 0.451448 loss\_l1: 0.000000 size: 608.000000 eta: 1 day, 5:19:58 batch\_cost: 1.0379 data\_cost: 0.8826 ips: 7.7080 images/s

[03/01 11:21:10] ppdet.engine INFO: Epoch: [6] [300/345] learning\_rate: 0.009999 loss: 4.352097 loss\_cls: 0.560612 loss\_obj: 1.658288 loss\_iou: 0.429271 loss\_l1: 0.000000 size: 576.000000 eta: 1 day, 5:12:59 batch\_cost: 1.0427 data\_cost: 0.8907 ips: 7.6720 images/s

[03/01 11:27:10] ppdet.engine INFO: Epoch: [7] [300/345] learning\_rate: 0.009998 loss: 4.231808 loss\_cls: 0.547096 loss\_obj: 1.629968 loss\_iou: 0.418590 loss\_l1: 0.000000 size: 592.000000 eta: 1 day, 5:05:06 batch\_cost: 1.0327 data\_cost: 0.8832 ips: 7.7470 images/s

[03/01 11:33:11] ppdet.engine INFO: Epoch: [8] [300/345] learning\_rate: 0.009996 loss: 4.087133 loss\_cls: 0.529406 loss\_obj: 1.533268 loss\_iou: 0.396272 loss\_l1: 0.000000 size: 704.000000 eta: 1 day, 4:58:07 batch\_cost: 1.0411 data\_cost: 0.8869 ips: 7.6843 images/s

[03/01 11:39:14] ppdet.engine INFO: Epoch: [9] [300/345] learning\_rate: 0.009993 loss: 3.921108 loss\_cls: 0.520656 loss\_obj: 1.455224 loss\_iou: 0.385871 loss\_l1: 0.000000 size: 640.000000 eta: 1 day, 4:52:18 batch\_cost: 1.0254 data\_cost: 0.8676 ips: 7.8020 images/s

[03/01 11:45:33] ppdet.engine INFO: Epoch: [10] [300/345] learning\_rate: 0.009990 loss: 3.814917 loss\_cls: 0.513741 loss\_obj: 1.398463 loss\_iou: 0.376845 loss\_l1: 0.000000 size: 640.000000 eta: 1 day, 4:45:25 batch\_cost: 1.0370 data\_cost: 0.8931 ips: 7.7144 images/s

[03/01 11:52:11] ppdet.engine INFO: Epoch: [11] [300/345] learning\_rate: 0.009986 loss: 3.761719 loss\_cls: 0.507666 loss\_obj: 1.347606 loss\_iou: 0.377055 loss\_l1: 0.000000 size: 560.000000 eta: 1 day, 4:53:50 batch\_cost: 1.3654 data\_cost: 1.1815 ips: 5.8592 images/s

[03/01 12:00:51] ppdet.engine INFO: Epoch: [12] [300/345] learning\_rate: 0.009981 loss: 3.600699 loss\_cls: 0.499958 loss\_obj: 1.284026 loss\_iou: 0.363549 loss\_l1: 0.000000 size: 640.000000 eta: 1 day, 5:44:07 batch\_cost: 1.4809 data\_cost: 1.2923 ips: 5.4021 images/s

[03/01 12:09:30] ppdet.engine INFO: Epoch: [13] [300/345] learning\_rate: 0.009976 loss: 3.553317 loss\_cls: 0.502392 loss\_obj: 1.200566 loss\_iou: 0.365754 loss\_l1: 0.000000 size: 672.000000 eta: 1 day, 6:25:16 batch\_cost: 1.5015 data\_cost: 1.3203 ips: 5.3278 images/s

[03/01 12:18:01] ppdet.engine INFO: Epoch: [14] [300/345] learning\_rate: 0.009971 loss: 3.416238 loss\_cls: 0.486995 loss\_obj: 1.200330 loss\_iou: 0.352439 loss\_l1: 0.000000 size: 512.000000 eta: 1 day, 6:57:32 batch\_cost: 1.4585 data\_cost: 1.2647 ips: 5.4850 images/s

[03/01 12:26:42] ppdet.engine INFO: Epoch: [15] [300/345] learning\_rate: 0.009965 loss: 3.398954 loss\_cls: 0.482334 loss\_obj: 1.196516 loss\_iou: 0.342137 loss\_l1: 0.000000 size: 640.000000 eta: 1 day, 7:27:28 batch\_cost: 1.4906 data\_cost: 1.3074 ips: 5.3670 images/s

[03/01 12:35:15] ppdet.engine INFO: Epoch: [16] [300/345] learning\_rate: 0.009958 loss: 3.365787 loss\_cls: 0.483337 loss\_obj: 1.147126 loss\_iou: 0.349513 loss\_l1: 0.000000 size: 640.000000 eta: 1 day, 7:50:42 batch\_cost: 1.4730 data\_cost: 1.2861 ips: 5.4310 images/s

[03/01 12:43:53] ppdet.engine INFO: Epoch: [17] [300/345] learning\_rate: 0.009951 loss: 3.245335 loss\_cls: 0.475045 loss\_obj: 1.116815 loss\_iou: 0.334063 loss\_l1: 0.000000 size: 656.000000 eta: 1 day, 8:11:40 batch\_cost: 1.4995 data\_cost: 1.3013 ips: 5.3352 images/s

[03/01 12:52:29] ppdet.engine INFO: Epoch: [18] [300/345] learning\_rate: 0.009943 loss: 3.287218 loss\_cls: 0.471300 loss\_obj: 1.111896 loss\_iou: 0.336822 loss\_l1: 0.000000 size: 528.000000 eta: 1 day, 8:29:03 batch\_cost: 1.4758 data\_cost: 1.2836 ips: 5.4210 images/s

[03/01 13:00:59] ppdet.engine INFO: Epoch: [19] [300/345] learning\_rate: 0.009934 loss: 3.081123 loss\_cls: 0.468050 loss\_obj: 0.946628 loss\_iou: 0.323912 loss\_l1: 0.000000 size: 512.000000 eta: 1 day, 8:42:35 batch\_cost: 1.4543 data\_cost: 1.2606 ips: 5.5009 images/s

[03/01 13:09:51] ppdet.engine INFO: Epoch: [20] [300/345] learning\_rate: 0.009925 loss: 3.053479 loss\_cls: 0.455269 loss\_obj: 1.043512 loss\_iou: 0.317824 loss\_l1: 0.000000 size: 704.000000 eta: 1 day, 8:52:25 batch\_cost: 1.4529 data\_cost: 1.2694 ips: 5.5061 images/s

[03/01 13:18:22] ppdet.engine INFO: Epoch: [21] [300/345] learning\_rate: 0.009915 loss: 3.179911 loss\_cls: 0.464820 loss\_obj: 1.075474 loss\_iou: 0.323087 loss\_l1: 0.000000 size: 704.000000 eta: 1 day, 9:02:17 batch\_cost: 1.4796 data\_cost: 1.2970 ips: 5.4070 images/s

[03/01 13:26:50] ppdet.engine INFO: Epoch: [22] [300/345] learning\_rate: 0.009905 loss: 3.120570 loss\_cls: 0.456546 loss\_obj: 1.018260 loss\_iou: 0.319630 loss\_l1: 0.000000 size: 688.000000 eta: 1 day, 9:09:44 batch\_cost: 1.4584 data\_cost: 1.2676 ips: 5.4855 images/s

[03/01 13:35:23] ppdet.engine INFO: Epoch: [23] [300/345] learning\_rate: 0.009894 loss: 2.904672 loss\_cls: 0.451787 loss\_obj: 0.908454 loss\_iou: 0.310612 loss\_l1: 0.000000 size: 640.000000 eta: 1 day, 9:16:59 batch\_cost: 1.4520 data\_cost: 1.2630 ips: 5.5098 images/s

[03/01 13:43:57] ppdet.engine INFO: Epoch: [24] [300/345] learning\_rate: 0.009882 loss: 3.019616 loss\_cls: 0.447312 loss\_obj: 0.980860 loss\_iou: 0.312328 loss\_l1: 0.000000 size: 704.000000 eta: 1 day, 9:23:05 batch\_cost: 1.4624 data\_cost: 1.2771 ips: 5.4704 images/s

[03/01 13:52:33] ppdet.engine INFO: Epoch: [25] [300/345] learning\_rate: 0.009870 loss: 2.990928 loss\_cls: 0.450738 loss\_obj: 0.954062 loss\_iou: 0.308861 loss\_l1: 0.000000 size: 720.000000 eta: 1 day, 9:28:31 batch\_cost: 1.4883 data\_cost: 1.3012 ips: 5.3752 images/s

[03/01 14:01:07] ppdet.engine INFO: Epoch: [26] [300/345] learning\_rate: 0.009858 loss: 3.076645 loss\_cls: 0.452315 loss\_obj: 1.026110 loss\_iou: 0.315762 loss\_l1: 0.000000 size: 624.000000 eta: 1 day, 9:32:26 batch\_cost: 1.4571 data\_cost: 1.2729 ips: 5.4903 images/s

[03/01 14:09:42] ppdet.engine INFO: Epoch: [27] [300/345] learning\_rate: 0.009844 loss: 2.910300 loss\_cls: 0.443466 loss\_obj: 0.930066 loss\_iou: 0.300049 loss\_l1: 0.000000 size: 704.000000 eta: 1 day, 9:35:47 batch\_cost: 1.4645 data\_cost: 1.2691 ips: 5.4624 images/s

[03/01 14:18:19] ppdet.engine INFO: Epoch: [28] [300/345] learning\_rate: 0.009831 loss: 2.854995 loss\_cls: 0.429809 loss\_obj: 0.930337 loss\_iou: 0.293596 loss\_l1: 0.000000 size: 640.000000 eta: 1 day, 9:38:24 batch\_cost: 1.4626 data\_cost: 1.2839 ips: 5.4699 images/s

[03/01 14:26:51] ppdet.engine INFO: Epoch: [29] [300/345] learning\_rate: 0.009816 loss: 2.775798 loss\_cls: 0.432842 loss\_obj: 0.838409 loss\_iou: 0.295858 loss\_l1: 0.000000 size: 608.000000 eta: 1 day, 9:39:43 batch\_cost: 1.4591 data\_cost: 1.2798 ips: 5.4828 images/s

[03/01 14:46:57] ppdet.engine INFO: Epoch: [30] [1300/1381] learning\_rate: 0.000100 loss: 2.561209 loss\_cls: 0.397261 loss\_obj: 0.745071 loss\_iou: 0.255059 loss\_l1: 0.000000 size: 608.000000 eta: 9:04:12 batch\_cost: 0.3448 data\_cost: 0.2452 ips: 5.7997 images/s

[03/01 14:55:27] ppdet.engine INFO: Epoch: [31] [1300/1381] learning\_rate: 0.000100 loss: 2.316917 loss\_cls: 0.364177 loss\_obj: 0.713152 loss\_iou: 0.234703 loss\_l1: 0.000000 size: 640.000000 eta: 8:58:30 batch\_cost: 0.3406 data\_cost: 0.2433 ips: 5.8717 images/s

[03/01 15:03:56] ppdet.engine INFO: Epoch: [32] [1300/1381] learning\_rate: 0.000100 loss: 2.132199 loss\_cls: 0.359426 loss\_obj: 0.650775 loss\_iou: 0.229760 loss\_l1: 0.000000 size: 592.000000 eta: 8:50:56 batch\_cost: 0.3492 data\_cost: 0.2485 ips: 5.7276 images/s

[03/01 15:11:17] ppdet.engine INFO: Epoch: [33] [1300/1381] learning\_rate: 0.000100 loss: 2.294383 loss\_cls: 0.368102 loss\_obj: 0.710471 loss\_iou: 0.236392 loss\_l1: 0.000000 size: 656.000000 eta: 8:26:25 batch\_cost: 0.2597 data\_cost: 0.1785 ips: 7.7026 images/s

[03/01 15:17:34] ppdet.engine INFO: Epoch: [34] [1300/1381] learning\_rate: 0.000100 loss: 2.198880 loss\_cls: 0.366059 loss\_obj: 0.638335 loss\_iou: 0.238744 loss\_l1: 0.000000 size: 576.000000 eta: 7:56:23 batch\_cost: 0.2584 data\_cost: 0.1750 ips: 7.7411 images/s

[03/01 15:23:51] ppdet.engine INFO: Epoch: [35] [1300/1381] learning\_rate: 0.000100 loss: 2.179033 loss\_cls: 0.359649 loss\_obj: 0.640255 loss\_iou: 0.230189 loss\_l1: 0.000000 size: 576.000000 eta: 7:34:39 batch\_cost: 0.2554 data\_cost: 0.1724 ips: 7.8304 images/s

Found inf or nan, current scale is: 16384.0, decrease to: 16384.0\*0.5

[03/01 15:30:11] ppdet.engine INFO: Epoch: [36] [1300/1381] learning\_rate: 0.000100 loss: 2.130049 loss\_cls: 0.350598 loss\_obj: 0.615879 loss\_iou: 0.226833 loss\_l1: 0.000000 size: 704.000000 eta: 7:17:42 batch\_cost: 0.2523 data\_cost: 0.1703 ips: 7.9266 images/s

[03/01 15:36:27] ppdet.engine INFO: Epoch: [37] [1300/1381] learning\_rate: 0.000100 loss: 2.160577 loss\_cls: 0.361395 loss\_obj: 0.593944 loss\_iou: 0.230901 loss\_l1: 0.000000 size: 576.000000 eta: 7:03:04 batch\_cost: 0.2568 data\_cost: 0.1739 ips: 7.7890 images/s

[03/01 15:42:43] ppdet.engine INFO: Epoch: [38] [1300/1381] learning\_rate: 0.000100 loss: 1.969745 loss\_cls: 0.349932 loss\_obj: 0.549016 loss\_iou: 0.214501 loss\_l1: 0.000000 size: 720.000000 eta: 6:50:24 batch\_cost: 0.2626 data\_cost: 0.1817 ips: 7.6149 images/s

[03/01 15:49:00] ppdet.engine INFO: Epoch: [39] [1300/1381] learning\_rate: 0.000100 loss: 2.216350 loss\_cls: 0.347697 loss\_obj: 0.713026 loss\_iou: 0.220332 loss\_l1: 0.000000 size: 704.000000 eta: 6:39:11 batch\_cost: 0.2672 data\_cost: 0.1864 ips: 7.4840 images/s

[03/01 15:55:33] ppdet.engine INFO: Epoch: [40] [1300/1381] learning\_rate: 0.000099 loss: 2.071827 loss\_cls: 0.354090 loss\_obj: 0.606370 loss\_iou: 0.215459 loss\_l1: 0.000000 size: 640.000000 eta: 6:28:54 batch\_cost: 0.2579 data\_cost: 0.1765 ips: 7.7543 images/s

[03/01 16:01:54] ppdet.engine INFO: Epoch: [41] [1300/1381] learning\_rate: 0.000099 loss: 2.126765 loss\_cls: 0.352171 loss\_obj: 0.654962 loss\_iou: 0.223911 loss\_l1: 0.000000 size: 592.000000 eta: 6:19:40 batch\_cost: 0.2608 data\_cost: 0.1761 ips: 7.6673 images/s

[03/01 16:08:17] ppdet.engine INFO: Epoch: [42] [1300/1381] learning\_rate: 0.000099 loss: 2.132612 loss\_cls: 0.347547 loss\_obj: 0.592981 loss\_iou: 0.221133 loss\_l1: 0.000000 size: 576.000000 eta: 6:11:05 batch\_cost: 0.2597 data\_cost: 0.1742 ips: 7.6997 images/s

[03/01 16:14:35] ppdet.engine INFO: Epoch: [43] [1300/1381] learning\_rate: 0.000099 loss: 2.075272 loss\_cls: 0.348115 loss\_obj: 0.591631 loss\_iou: 0.215440 loss\_l1: 0.000000 size: 672.000000 eta: 6:02:31 batch\_cost: 0.2522 data\_cost: 0.1734 ips: 7.9289 images/s

[03/01 16:20:49] ppdet.engine INFO: Epoch: [44] [1300/1381] learning\_rate: 0.000099 loss: 2.183301 loss\_cls: 0.347004 loss\_obj: 0.679241 loss\_iou: 0.218271 loss\_l1: 0.000000 size: 672.000000 eta: 5:54:05 batch\_cost: 0.2703 data\_cost: 0.1893 ips: 7.3985 images/s

[03/01 16:27:06] ppdet.engine INFO: Epoch: [45] [1300/1381] learning\_rate: 0.000099 loss: 1.951496 loss\_cls: 0.340470 loss\_obj: 0.554097 loss\_iou: 0.210373 loss\_l1: 0.000000 size: 688.000000 eta: 5:46:06 batch\_cost: 0.2641 data\_cost: 0.1801 ips: 7.5733 images/s

[03/01 16:33:20] ppdet.engine INFO: Epoch: [46] [1300/1381] learning\_rate: 0.000099 loss: 2.286568 loss\_cls: 0.362770 loss\_obj: 0.706199 loss\_iou: 0.229556 loss\_l1: 0.000000 size: 624.000000 eta: 5:38:10 batch\_cost: 0.2551 data\_cost: 0.1756 ips: 7.8392 images/s

[03/01 16:39:37] ppdet.engine INFO: Epoch: [47] [1300/1381] learning\_rate: 0.000099 loss: 2.181061 loss\_cls: 0.355395 loss\_obj: 0.666623 loss\_iou: 0.227356 loss\_l1: 0.000000 size: 592.000000 eta: 5:30:41 batch\_cost: 0.2589 data\_cost: 0.1800 ips: 7.7244 images/s

[03/01 16:45:52] ppdet.engine INFO: Epoch: [48] [1300/1381] learning\_rate: 0.000099 loss: 2.204607 loss\_cls: 0.353979 loss\_obj: 0.646931 loss\_iou: 0.224611 loss\_l1: 0.000000 size: 704.000000 eta: 5:23:13 batch\_cost: 0.2517 data\_cost: 0.1683 ips: 7.9458 images/s

[03/01 16:52:06] ppdet.engine INFO: Epoch: [49] [1300/1381] learning\_rate: 0.000099 loss: 2.012672 loss\_cls: 0.348333 loss\_obj: 0.578785 loss\_iou: 0.209711 loss\_l1: 0.000000 size: 544.000000 eta: 5:15:53 batch\_cost: 0.2551 data\_cost: 0.1729 ips: 7.8386 images/s

[03/01 16:58:38] ppdet.engine INFO: Epoch: [50] [1300/1381] learning\_rate: 0.000098 loss: 1.947326 loss\_cls: 0.340437 loss\_obj: 0.540911 loss\_iou: 0.205968 loss\_l1: 0.000000 size: 640.000000 eta: 5:08:45 batch\_cost: 0.2585 data\_cost: 0.1744 ips: 7.7361 images/s

[03/01 17:04:54] ppdet.engine INFO: Epoch: [51] [1300/1381] learning\_rate: 0.000098 loss: 1.959948 loss\_cls: 0.326863 loss\_obj: 0.585791 loss\_iou: 0.204489 loss\_l1: 0.000000 size: 640.000000 eta: 5:01:44 batch\_cost: 0.2597 data\_cost: 0.1780 ips: 7.7020 images/s

[03/01 17:11:09] ppdet.engine INFO: Epoch: [52] [1300/1381] learning\_rate: 0.000098 loss: 2.116298 loss\_cls: 0.349869 loss\_obj: 0.563298 loss\_iou: 0.222125 loss\_l1: 0.000000 size: 640.000000 eta: 4:54:46 batch\_cost: 0.2632 data\_cost: 0.1816 ips: 7.5977 images/s

[03/01 17:17:27] ppdet.engine INFO: Epoch: [53] [1300/1381] learning\_rate: 0.000098 loss: 1.846204 loss\_cls: 0.331315 loss\_obj: 0.495893 loss\_iou: 0.201682 loss\_l1: 0.000000 size: 688.000000 eta: 4:47:58 batch\_cost: 0.2469 data\_cost: 0.1684 ips: 8.1003 images/s

[03/01 17:23:44] ppdet.engine INFO: Epoch: [54] [1300/1381] learning\_rate: 0.000098 loss: 1.951626 loss\_cls: 0.333168 loss\_obj: 0.609015 loss\_iou: 0.203015 loss\_l1: 0.000000 size: 608.000000 eta: 4:41:15 batch\_cost: 0.2617 data\_cost: 0.1765 ips: 7.6425 images/s

[03/01 17:30:04] ppdet.engine INFO: Epoch: [55] [1300/1381] learning\_rate: 0.000098 loss: 1.868914 loss\_cls: 0.329537 loss\_obj: 0.492851 loss\_iou: 0.203957 loss\_l1: 0.000000 size: 576.000000 eta: 4:34:37 batch\_cost: 0.2660 data\_cost: 0.1866 ips: 7.5183 images/s

[03/01 17:36:21] ppdet.engine INFO: Epoch: [56] [1300/1381] learning\_rate: 0.000097 loss: 1.977440 loss\_cls: 0.324780 loss\_obj: 0.562004 loss\_iou: 0.198628 loss\_l1: 0.000000 size: 672.000000 eta: 4:27:58 batch\_cost: 0.2635 data\_cost: 0.1822 ips: 7.5916 images/s

[03/01 17:42:39] ppdet.engine INFO: Epoch: [57] [1300/1381] learning\_rate: 0.000097 loss: 1.898178 loss\_cls: 0.334815 loss\_obj: 0.504921 loss\_iou: 0.203160 loss\_l1: 0.000000 size: 672.000000 eta: 4:21:24 batch\_cost: 0.2633 data\_cost: 0.1801 ips: 7.5967 images/s

[03/01 17:48:59] ppdet.engine INFO: Epoch: [58] [1300/1381] learning\_rate: 0.000097 loss: 2.020243 loss\_cls: 0.343975 loss\_obj: 0.593715 loss\_iou: 0.217769 loss\_l1: 0.000000 size: 640.000000 eta: 4:14:55 batch\_cost: 0.2608 data\_cost: 0.1796 ips: 7.6680 images/s

[03/01 17:55:17] ppdet.engine INFO: Epoch: [59] [1300/1381] learning\_rate: 0.000097 loss: 2.107399 loss\_cls: 0.343106 loss\_obj: 0.663897 loss\_iou: 0.213005 loss\_l1: 0.000000 size: 608.000000 eta: 4:08:25 batch\_cost: 0.2524 data\_cost: 0.1739 ips: 7.9247 images/s

[03/01 18:01:38] ppdet.engine INFO: Epoch: [60] [1300/1381] learning\_rate: 0.000097 loss: 1.804880 loss\_cls: 0.317757 loss\_obj: 0.498947 loss\_iou: 0.196736 loss\_l1: 0.000000 size: 672.000000 eta: 4:01:43 batch\_cost: 0.2492 data\_cost: 0.1676 ips: 8.0252 images/s

[03/01 18:07:49] ppdet.engine INFO: Epoch: [61] [1300/1381] learning\_rate: 0.000096 loss: 1.929005 loss\_cls: 0.334442 loss\_obj: 0.526642 loss\_iou: 0.202159 loss\_l1: 0.000000 size: 672.000000 eta: 3:55:09 batch\_cost: 0.2490 data\_cost: 0.1625 ips: 8.0306 images/s

[03/01 18:14:03] ppdet.engine INFO: Epoch: [62] [1300/1381] learning\_rate: 0.000096 loss: 1.943538 loss\_cls: 0.330422 loss\_obj: 0.594679 loss\_iou: 0.199290 loss\_l1: 0.000000 size: 624.000000 eta: 3:48:42 batch\_cost: 0.2590 data\_cost: 0.1750 ips: 7.7214 images/s

[03/01 18:20:15] ppdet.engine INFO: Epoch: [63] [1300/1381] learning\_rate: 0.000096 loss: 2.105274 loss\_cls: 0.343923 loss\_obj: 0.606550 loss\_iou: 0.221543 loss\_l1: 0.000000 size: 640.000000 eta: 3:42:15 batch\_cost: 0.2549 data\_cost: 0.1760 ips: 7.8452 images/s

[03/01 18:26:24] ppdet.engine INFO: Epoch: [64] [1300/1381] learning\_rate: 0.000096 loss: 1.798837 loss\_cls: 0.315016 loss\_obj: 0.553612 loss\_iou: 0.192769 loss\_l1: 0.000000 size: 688.000000 eta: 3:35:46 batch\_cost: 0.2478 data\_cost: 0.1678 ips: 8.0724 images/s

[03/01 18:32:34] ppdet.engine INFO: Epoch: [65] [1300/1381] learning\_rate: 0.000096 loss: 2.031616 loss\_cls: 0.330565 loss\_obj: 0.669083 loss\_iou: 0.205126 loss\_l1: 0.000000 size: 624.000000 eta: 3:29:19 batch\_cost: 0.2602 data\_cost: 0.1725 ips: 7.6857 images/s

[03/01 18:38:44] ppdet.engine INFO: Epoch: [66] [1300/1381] learning\_rate: 0.000095 loss: 2.026780 loss\_cls: 0.349796 loss\_obj: 0.574198 loss\_iou: 0.215132 loss\_l1: 0.000000 size: 672.000000 eta: 3:22:55 batch\_cost: 0.2629 data\_cost: 0.1770 ips: 7.6070 images/s

[03/01 18:44:53] ppdet.engine INFO: Epoch: [67] [1300/1381] learning\_rate: 0.000095 loss: 1.973582 loss\_cls: 0.333264 loss\_obj: 0.573167 loss\_iou: 0.206279 loss\_l1: 0.000000 size: 608.000000 eta: 3:16:32 batch\_cost: 0.2570 data\_cost: 0.1719 ips: 7.7829 images/s

[03/01 18:51:03] ppdet.engine INFO: Epoch: [68] [1300/1381] learning\_rate: 0.000095 loss: 1.957146 loss\_cls: 0.324440 loss\_obj: 0.534083 loss\_iou: 0.201368 loss\_l1: 0.000000 size: 576.000000 eta: 3:10:12 batch\_cost: 0.2650 data\_cost: 0.1816 ips: 7.5486 images/s

[03/01 18:57:15] ppdet.engine INFO: Epoch: [69] [1300/1381] learning\_rate: 0.000095 loss: 2.125677 loss\_cls: 0.347759 loss\_obj: 0.627924 loss\_iou: 0.213087 loss\_l1: 0.000000 size: 704.000000 eta: 3:03:54 batch\_cost: 0.2690 data\_cost: 0.1803 ips: 7.4345 images/s

[03/01 19:03:39] ppdet.engine INFO: Epoch: [70] [1300/1381] learning\_rate: 0.000094 loss: 1.883193 loss\_cls: 0.333797 loss\_obj: 0.504942 loss\_iou: 0.202249 loss\_l1: 0.000000 size: 608.000000 eta: 2:57:36 batch\_cost: 0.2618 data\_cost: 0.1804 ips: 7.6407 images/s

[03/01 19:09:45] ppdet.engine INFO: Epoch: [71] [1300/1381] learning\_rate: 0.000094 loss: 1.776696 loss\_cls: 0.321809 loss\_obj: 0.459349 loss\_iou: 0.192540 loss\_l1: 0.000000 size: 640.000000 eta: 2:51:16 batch\_cost: 0.2554 data\_cost: 0.1718 ips: 7.8322 images/s

[03/01 19:15:56] ppdet.engine INFO: Epoch: [72] [1300/1381] learning\_rate: 0.000094 loss: 1.780237 loss\_cls: 0.317594 loss\_obj: 0.526242 loss\_iou: 0.189362 loss\_l1: 0.000000 size: 672.000000 eta: 2:45:01 batch\_cost: 0.2502 data\_cost: 0.1695 ips: 7.9937 images/s

[03/01 19:22:07] ppdet.engine INFO: Epoch: [73] [1300/1381] learning\_rate: 0.000094 loss: 1.839904 loss\_cls: 0.312773 loss\_obj: 0.523088 loss\_iou: 0.192019 loss\_l1: 0.000000 size: 640.000000 eta: 2:38:48 batch\_cost: 0.2516 data\_cost: 0.1704 ips: 7.9497 images/s

[03/01 19:28:21] ppdet.engine INFO: Epoch: [74] [1300/1381] learning\_rate: 0.000093 loss: 1.767583 loss\_cls: 0.323485 loss\_obj: 0.499407 loss\_iou: 0.198798 loss\_l1: 0.000000 size: 624.000000 eta: 2:32:37 batch\_cost: 0.2596 data\_cost: 0.1783 ips: 7.7055 images/s

[03/01 19:34:31] ppdet.engine INFO: Epoch: [75] [1300/1381] learning\_rate: 0.000093 loss: 1.864312 loss\_cls: 0.334642 loss\_obj: 0.551923 loss\_iou: 0.207176 loss\_l1: 0.000000 size: 688.000000 eta: 2:26:24 batch\_cost: 0.2555 data\_cost: 0.1738 ips: 7.8274 images/s

[03/01 19:40:38] ppdet.engine INFO: Epoch: [76] [1300/1381] learning\_rate: 0.000093 loss: 1.864911 loss\_cls: 0.321779 loss\_obj: 0.563469 loss\_iou: 0.195502 loss\_l1: 0.000000 size: 704.000000 eta: 2:20:11 batch\_cost: 0.2496 data\_cost: 0.1650 ips: 8.0141 images/s

Found inf or nan, current scale is: 32768.0, decrease to: 32768.0\*0.5

[03/01 19:46:49] ppdet.engine INFO: Epoch: [77] [1300/1381] learning\_rate: 0.000093 loss: 1.700777 loss\_cls: 0.304559 loss\_obj: 0.486209 loss\_iou: 0.185543 loss\_l1: 0.000000 size: 624.000000 eta: 2:14:00 batch\_cost: 0.2623 data\_cost: 0.1799 ips: 7.6236 images/s

[03/01 19:52:56] ppdet.engine INFO: Epoch: [78] [1300/1381] learning\_rate: 0.000092 loss: 1.764052 loss\_cls: 0.322394 loss\_obj: 0.483592 loss\_iou: 0.194258 loss\_l1: 0.000000 size: 592.000000 eta: 2:07:49 batch\_cost: 0.2479 data\_cost: 0.1636 ips: 8.0687 images/s

[03/01 19:59:08] ppdet.engine INFO: Epoch: [79] [1300/1381] learning\_rate: 0.000092 loss: 1.922136 loss\_cls: 0.327823 loss\_obj: 0.575532 loss\_iou: 0.204691 loss\_l1: 0.000000 size: 624.000000 eta: 2:01:41 batch\_cost: 0.2556 data\_cost: 0.1719 ips: 7.8261 images/s

[03/01 20:05:34] ppdet.engine INFO: Epoch: [80] [1300/1381] learning\_rate: 0.000092 loss: 1.806462 loss\_cls: 0.314228 loss\_obj: 0.522984 loss\_iou: 0.189147 loss\_l1: 0.000000 size: 688.000000 eta: 1:55:33 batch\_cost: 0.2532 data\_cost: 0.1687 ips: 7.9004 images/s

[03/01 20:11:44] ppdet.engine INFO: Epoch: [81] [1300/1381] learning\_rate: 0.000091 loss: 1.855011 loss\_cls: 0.328220 loss\_obj: 0.495827 loss\_iou: 0.201211 loss\_l1: 0.000000 size: 704.000000 eta: 1:49:25 batch\_cost: 0.2602 data\_cost: 0.1721 ips: 7.6878 images/s

[03/01 20:17:53] ppdet.engine INFO: Epoch: [82] [1300/1381] learning\_rate: 0.000091 loss: 1.859145 loss\_cls: 0.324341 loss\_obj: 0.539150 loss\_iou: 0.196408 loss\_l1: 0.000000 size: 672.000000 eta: 1:43:17 batch\_cost: 0.2497 data\_cost: 0.1638 ips: 8.0089 images/s

[03/01 20:24:03] ppdet.engine INFO: Epoch: [83] [1300/1381] learning\_rate: 0.000091 loss: 1.780508 loss\_cls: 0.313404 loss\_obj: 0.475298 loss\_iou: 0.184542 loss\_l1: 0.000000 size: 640.000000 eta: 1:37:11 batch\_cost: 0.2504 data\_cost: 0.1672 ips: 7.9884 images/s

[03/01 20:30:14] ppdet.engine INFO: Epoch: [84] [1300/1381] learning\_rate: 0.000090 loss: 1.800508 loss\_cls: 0.325679 loss\_obj: 0.507617 loss\_iou: 0.199000 loss\_l1: 0.000000 size: 640.000000 eta: 1:31:05 batch\_cost: 0.2577 data\_cost: 0.1751 ips: 7.7600 images/s

[03/01 20:36:26] ppdet.engine INFO: Epoch: [85] [1300/1381] learning\_rate: 0.000090 loss: 1.946750 loss\_cls: 0.325687 loss\_obj: 0.556739 loss\_iou: 0.201932 loss\_l1: 0.000000 size: 608.000000 eta: 1:25:00 batch\_cost: 0.2547 data\_cost: 0.1715 ips: 7.8537 images/s

[03/01 20:42:37] ppdet.engine INFO: Epoch: [86] [1300/1381] learning\_rate: 0.000090 loss: 1.815919 loss\_cls: 0.311679 loss\_obj: 0.498866 loss\_iou: 0.191295 loss\_l1: 0.000000 size: 512.000000 eta: 1:18:54 batch\_cost: 0.2503 data\_cost: 0.1646 ips: 7.9916 images/s

[03/01 20:48:46] ppdet.engine INFO: Epoch: [87] [1300/1381] learning\_rate: 0.000089 loss: 1.690800 loss\_cls: 0.299091 loss\_obj: 0.398503 loss\_iou: 0.178954 loss\_l1: 0.000000 size: 624.000000 eta: 1:12:49 batch\_cost: 0.2419 data\_cost: 0.1608 ips: 8.2670 images/s

[03/01 20:54:56] ppdet.engine INFO: Epoch: [88] [1300/1381] learning\_rate: 0.000089 loss: 1.653981 loss\_cls: 0.291905 loss\_obj: 0.461367 loss\_iou: 0.173872 loss\_l1: 0.000000 size: 672.000000 eta: 1:06:45 batch\_cost: 0.2572 data\_cost: 0.1742 ips: 7.7770 images/s

[03/01 21:01:01] ppdet.engine INFO: Epoch: [89] [1300/1381] learning\_rate: 0.000089 loss: 1.775628 loss\_cls: 0.320099 loss\_obj: 0.518129 loss\_iou: 0.192166 loss\_l1: 0.000000 size: 688.000000 eta: 1:00:40 batch\_cost: 0.2567 data\_cost: 0.1729 ips: 7.7899 images/s

[03/01 21:07:26] ppdet.engine INFO: Epoch: [90] [1300/1381] learning\_rate: 0.000088 loss: 1.636261 loss\_cls: 0.296341 loss\_obj: 0.422619 loss\_iou: 0.180258 loss\_l1: 0.000000 size: 608.000000 eta: 0:54:37 batch\_cost: 0.2576 data\_cost: 0.1765 ips: 7.7641 images/s

[03/01 21:13:40] ppdet.engine INFO: Epoch: [91] [1300/1381] learning\_rate: 0.000088 loss: 1.718577 loss\_cls: 0.310141 loss\_obj: 0.435823 loss\_iou: 0.186638 loss\_l1: 0.000000 size: 672.000000 eta: 0:48:34 batch\_cost: 0.2531 data\_cost: 0.1730 ips: 7.9032 images/s

[03/01 21:19:52] ppdet.engine INFO: Epoch: [92] [1300/1381] learning\_rate: 0.000088 loss: 1.826171 loss\_cls: 0.322675 loss\_obj: 0.522476 loss\_iou: 0.193554 loss\_l1: 0.000000 size: 640.000000 eta: 0:42:32 batch\_cost: 0.2524 data\_cost: 0.1688 ips: 7.9232 images/s

[03/01 21:26:02] ppdet.engine INFO: Epoch: [93] [1300/1381] learning\_rate: 0.000087 loss: 1.760784 loss\_cls: 0.312443 loss\_obj: 0.488325 loss\_iou: 0.189111 loss\_l1: 0.000000 size: 736.000000 eta: 0:36:29 batch\_cost: 0.2547 data\_cost: 0.1724 ips: 7.8514 images/s

[03/01 21:32:09] ppdet.engine INFO: Epoch: [94] [1300/1381] learning\_rate: 0.000087 loss: 1.721715 loss\_cls: 0.315958 loss\_obj: 0.435889 loss\_iou: 0.187132 loss\_l1: 0.000000 size: 640.000000 eta: 0:30:27 batch\_cost: 0.2562 data\_cost: 0.1688 ips: 7.8078 images/s

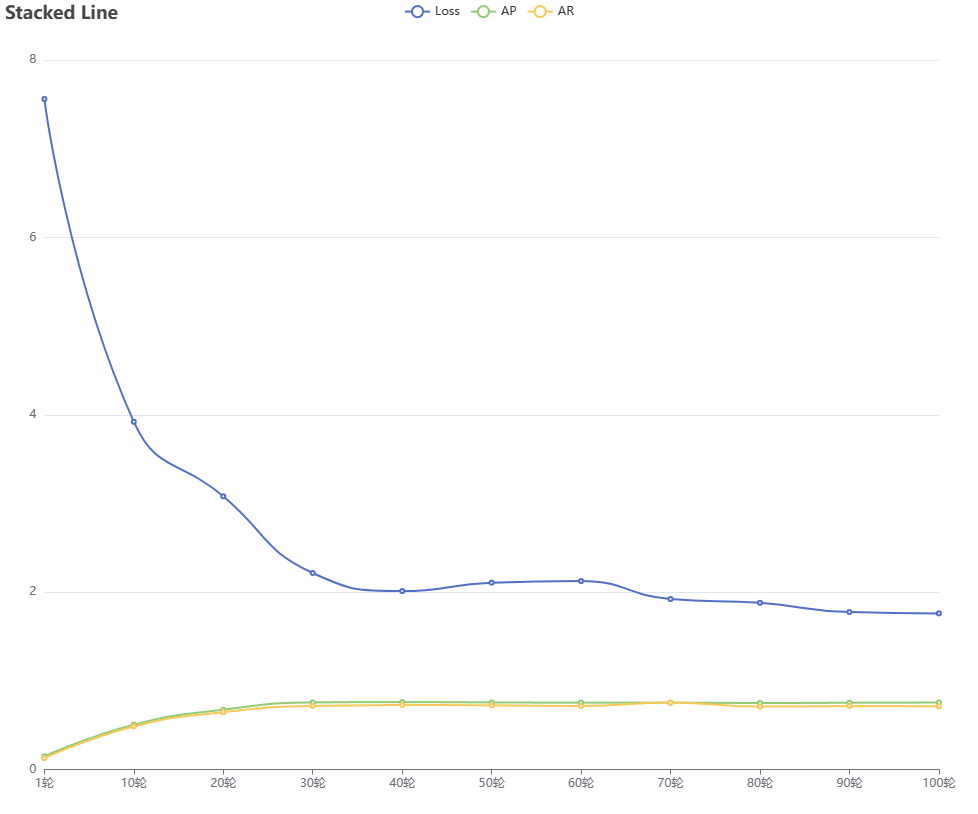
[03/01 21:38:18] ppdet.engine INFO: Epoch: [95] [1300/1381] learning\_rate: 0.000087 loss: 1.655215 loss\_cls: 0.306072 loss\_obj: 0.409973 loss\_iou: 0.183474 loss\_l1: 0.000000 size: 688.000000 eta: 0:24:25 batch\_cost: 0.2570 data\_cost: 0.1747 ips: 7.7824 images/s

[03/01 21:44:30] ppdet.engine INFO: Epoch: [96] [1300/1381] learning\_rate: 0.000086 loss: 1.928942 loss\_cls: 0.327456 loss\_obj: 0.567499 loss\_iou: 0.201729 loss\_l1: 0.000000 size: 640.000000 eta: 0:18:24 batch\_cost: 0.2503 data\_cost: 0.1688 ips: 7.9895 images/s

[03/01 21:50:43] ppdet.engine INFO: Epoch: [97] [1300/1381] learning\_rate: 0.000086 loss: 1.800230 loss\_cls: 0.321956 loss\_obj: 0.488603 loss\_iou: 0.197860 loss\_l1: 0.000000 size: 672.000000 eta: 0:12:22 batch\_cost: 0.2492 data\_cost: 0.1703 ips: 8.0255 images/s

[03/01 21:56:53] ppdet.engine INFO: Epoch: [98] [1300/1381] learning\_rate: 0.000086 loss: 1.724818 loss\_cls: 0.299734 loss\_obj: 0.496459 loss\_iou: 0.179987 loss\_l1: 0.000000 size: 672.000000 eta: 0:06:21 batch\_cost: 0.2484 data\_cost: 0.1672 ips: 8.0512 images/s

[03/01 22:03:02] ppdet.engine INFO: Epoch: [99] [1300/1381] learning\_rate: 0.000085 loss: 1.760962 loss\_cls: 0.318659 loss\_obj: 0.462571 loss\_iou: 0.191184 loss\_l1: 0.000000 size: 688.000000 eta: 0:00:21 batch\_cost: 0.2476 data\_cost: 0.1624 ips: 8.0775 images/s



##### 1.5.1.5 EfficientNet+FPN+YOLOXHead-4

[03/13 09:50:57] ppdet.engine INFO: Epoch: [0] [1300/1381] learning\_rate: 0.000004 loss: 16.329042 loss\_cls: 2.120905 loss\_obj: 10.521827 loss\_iou: 0.759113 loss\_l1: 0.000000 size: 608.000000 eta: 9:28:53 batch\_cost: 0.2391 data\_cost: 0.1598 ips: 8.3654 images/s

[03/13 09:56:39] ppdet.engine INFO: Epoch: [1] [1300/1381] learning\_rate: 0.000015 loss: 11.929359 loss\_cls: 1.660820 loss\_obj: 6.799897 loss\_iou: 0.693104 loss\_l1: 0.000000 size: 640.000000 eta: 9:03:57 batch\_cost: 0.2266 data\_cost: 0.1514 ips: 8.8261 images/s

[03/13 10:02:17] ppdet.engine INFO: Epoch: [2] [1300/1381] learning\_rate: 0.000035 loss: 9.819048 loss\_cls: 1.202118 loss\_obj: 5.141301 loss\_iou: 0.676915 loss\_l1: 0.000000 size: 592.000000 eta: 8:50:12 batch\_cost: 0.2333 data\_cost: 0.1535 ips: 8.5723 images/s

[03/13 10:07:55] ppdet.engine INFO: Epoch: [3] [1300/1381] learning\_rate: 0.000062 loss: 8.904630 loss\_cls: 0.894269 loss\_obj: 4.746450 loss\_iou: 0.644099 loss\_l1: 0.000000 size: 656.000000 eta: 8:40:50 batch\_cost: 0.2298 data\_cost: 0.1565 ips: 8.7045 images/s

[03/13 10:13:33] ppdet.engine INFO: Epoch: [4] [1300/1381] learning\_rate: 0.000098 loss: 8.180853 loss\_cls: 0.762799 loss\_obj: 4.248821 loss\_iou: 0.628561 loss\_l1: 0.000000 size: 576.000000 eta: 8:33:16 batch\_cost: 0.2294 data\_cost: 0.1525 ips: 8.7199 images/s

[03/13 10:19:13] ppdet.engine INFO: Epoch: [5] [1300/1381] learning\_rate: 0.000100 loss: 7.279229 loss\_cls: 0.689668 loss\_obj: 3.702699 loss\_iou: 0.581023 loss\_l1: 0.000000 size: 576.000000 eta: 8:26:43 batch\_cost: 0.2256 data\_cost: 0.1511 ips: 8.8654 images/s

[03/13 10:24:52] ppdet.engine INFO: Epoch: [6] [1300/1381] learning\_rate: 0.000100 loss: 6.360943 loss\_cls: 0.650287 loss\_obj: 3.019823 loss\_iou: 0.544378 loss\_l1: 0.000000 size: 704.000000 eta: 8:20:19 batch\_cost: 0.2233 data\_cost: 0.1440 ips: 8.9583 images/s

[03/13 10:30:28] ppdet.engine INFO: Epoch: [7] [1300/1381] learning\_rate: 0.000100 loss: 5.392701 loss\_cls: 0.619598 loss\_obj: 2.297568 loss\_iou: 0.504705 loss\_l1: 0.000000 size: 576.000000 eta: 8:13:45 batch\_cost: 0.2274 data\_cost: 0.1523 ips: 8.7935 images/s

[03/13 10:36:07] ppdet.engine INFO: Epoch: [8] [1300/1381] learning\_rate: 0.000100 loss: 5.006729 loss\_cls: 0.584607 loss\_obj: 2.146992 loss\_iou: 0.456895 loss\_l1: 0.000000 size: 720.000000 eta: 8:07:54 batch\_cost: 0.2343 data\_cost: 0.1543 ips: 8.5372 images/s

[03/13 10:41:47] ppdet.engine INFO: Epoch: [9] [1300/1381] learning\_rate: 0.000100 loss: 4.736195 loss\_cls: 0.569227 loss\_obj: 1.959367 loss\_iou: 0.436971 loss\_l1: 0.000000 size: 704.000000 eta: 8:02:17 batch\_cost: 0.2384 data\_cost: 0.1610 ips: 8.3899 images/s

[03/13 10:47:46] ppdet.engine INFO: Epoch: [10] [1300/1381] learning\_rate: 0.000100 loss: 4.509560 loss\_cls: 0.559130 loss\_obj: 1.838935 loss\_iou: 0.422152 loss\_l1: 0.000000 size: 640.000000 eta: 7:56:23 batch\_cost: 0.2305 data\_cost: 0.1525 ips: 8.6773 images/s

[03/13 10:53:35] ppdet.engine INFO: Epoch: [11] [1300/1381] learning\_rate: 0.000100 loss: 4.342452 loss\_cls: 0.553237 loss\_obj: 1.712685 loss\_iou: 0.414629 loss\_l1: 0.000000 size: 592.000000 eta: 7:51:56 batch\_cost: 0.2301 data\_cost: 0.1514 ips: 8.6923 images/s

Found inf or nan, current scale is: 4096.0, decrease to: 4096.0\*0.5

[03/13 10:59:15] ppdet.engine INFO: Epoch: [12] [1300/1381] learning\_rate: 0.000100 loss: 4.186098 loss\_cls: 0.533756 loss\_obj: 1.582347 loss\_iou: 0.402280 loss\_l1: 0.000000 size: 576.000000 eta: 7:46:21 batch\_cost: 0.2270 data\_cost: 0.1468 ips: 8.8097 images/s

[03/13 11:04:53] ppdet.engine INFO: Epoch: [13] [1300/1381] learning\_rate: 0.000100 loss: 3.905957 loss\_cls: 0.512791 loss\_obj: 1.459548 loss\_iou: 0.382457 loss\_l1: 0.000000 size: 672.000000 eta: 7:40:42 batch\_cost: 0.2247 data\_cost: 0.1487 ips: 8.9009 images/s

[03/13 11:10:31] ppdet.engine INFO: Epoch: [14] [1300/1381] learning\_rate: 0.000100 loss: 3.831783 loss\_cls: 0.510073 loss\_obj: 1.425435 loss\_iou: 0.380952 loss\_l1: 0.000000 size: 672.000000 eta: 7:35:00 batch\_cost: 0.2412 data\_cost: 0.1619 ips: 8.2914 images/s

[03/13 11:16:11] ppdet.engine INFO: Epoch: [15] [1300/1381] learning\_rate: 0.000100 loss: 3.590904 loss\_cls: 0.491321 loss\_obj: 1.288193 loss\_iou: 0.363010 loss\_l1: 0.000000 size: 688.000000 eta: 7:29:34 batch\_cost: 0.2327 data\_cost: 0.1547 ips: 8.5944 images/s

[03/13 11:21:45] ppdet.engine INFO: Epoch: [16] [1300/1381] learning\_rate: 0.000100 loss: 3.860223 loss\_cls: 0.499846 loss\_obj: 1.499817 loss\_iou: 0.365093 loss\_l1: 0.000000 size: 624.000000 eta: 7:23:42 batch\_cost: 0.2254 data\_cost: 0.1541 ips: 8.8719 images/s

[03/13 11:27:23] ppdet.engine INFO: Epoch: [17] [1300/1381] learning\_rate: 0.000100 loss: 3.591462 loss\_cls: 0.493004 loss\_obj: 1.283285 loss\_iou: 0.355520 loss\_l1: 0.000000 size: 592.000000 eta: 7:18:10 batch\_cost: 0.2304 data\_cost: 0.1531 ips: 8.6801 images/s

[03/13 11:33:00] ppdet.engine INFO: Epoch: [18] [1300/1381] learning\_rate: 0.000099 loss: 3.614905 loss\_cls: 0.493147 loss\_obj: 1.387688 loss\_iou: 0.352961 loss\_l1: 0.000000 size: 704.000000 eta: 7:12:33 batch\_cost: 0.2237 data\_cost: 0.1438 ips: 8.9420 images/s

[03/13 11:38:36] ppdet.engine INFO: Epoch: [19] [1300/1381] learning\_rate: 0.000099 loss: 3.376162 loss\_cls: 0.480019 loss\_obj: 1.189658 loss\_iou: 0.339346 loss\_l1: 0.000000 size: 544.000000 eta: 7:06:57 batch\_cost: 0.2268 data\_cost: 0.1540 ips: 8.8189 images/s

[03/13 11:44:31] ppdet.engine INFO: Epoch: [20] [1300/1381] learning\_rate: 0.000099 loss: 3.220225 loss\_cls: 0.472328 loss\_obj: 1.132440 loss\_iou: 0.326563 loss\_l1: 0.000000 size: 640.000000 eta: 7:01:28 batch\_cost: 0.2300 data\_cost: 0.1533 ips: 8.6953 images/s

[03/13 11:50:08] ppdet.engine INFO: Epoch: [21] [1300/1381] learning\_rate: 0.000099 loss: 3.225093 loss\_cls: 0.470580 loss\_obj: 1.086184 loss\_iou: 0.326832 loss\_l1: 0.000000 size: 640.000000 eta: 6:56:00 batch\_cost: 0.2292 data\_cost: 0.1494 ips: 8.7262 images/s

[03/13 11:55:42] ppdet.engine INFO: Epoch: [22] [1300/1381] learning\_rate: 0.000099 loss: 3.222274 loss\_cls: 0.455031 loss\_obj: 1.168062 loss\_iou: 0.313589 loss\_l1: 0.000000 size: 640.000000 eta: 6:50:21 batch\_cost: 0.2314 data\_cost: 0.1528 ips: 8.6424 images/s

[03/13 12:01:20] ppdet.engine INFO: Epoch: [23] [1300/1381] learning\_rate: 0.000099 loss: 2.857927 loss\_cls: 0.439223 loss\_obj: 0.885085 loss\_iou: 0.302894 loss\_l1: 0.000000 size: 688.000000 eta: 6:44:55 batch\_cost: 0.2190 data\_cost: 0.1423 ips: 9.1313 images/s

[03/13 12:06:58] ppdet.engine INFO: Epoch: [24] [1300/1381] learning\_rate: 0.000099 loss: 3.088404 loss\_cls: 0.440059 loss\_obj: 1.076311 loss\_iou: 0.298920 loss\_l1: 0.000000 size: 608.000000 eta: 6:39:32 batch\_cost: 0.2315 data\_cost: 0.1552 ips: 8.6396 images/s

[03/13 12:12:39] ppdet.engine INFO: Epoch: [25] [1300/1381] learning\_rate: 0.000099 loss: 2.900156 loss\_cls: 0.438313 loss\_obj: 0.907808 loss\_iou: 0.295386 loss\_l1: 0.000000 size: 576.000000 eta: 6:34:18 batch\_cost: 0.2373 data\_cost: 0.1603 ips: 8.4289 images/s

[03/13 12:18:18] ppdet.engine INFO: Epoch: [26] [1300/1381] learning\_rate: 0.000099 loss: 2.853386 loss\_cls: 0.427804 loss\_obj: 0.935575 loss\_iou: 0.284672 loss\_l1: 0.000000 size: 672.000000 eta: 6:28:57 batch\_cost: 0.2344 data\_cost: 0.1555 ips: 8.5318 images/s

[03/13 12:23:56] ppdet.engine INFO: Epoch: [27] [1300/1381] learning\_rate: 0.000098 loss: 2.703395 loss\_cls: 0.416769 loss\_obj: 0.848440 loss\_iou: 0.282380 loss\_l1: 0.000000 size: 672.000000 eta: 6:23:35 batch\_cost: 0.2328 data\_cost: 0.1561 ips: 8.5924 images/s

[03/13 12:29:36] ppdet.engine INFO: Epoch: [28] [1300/1381] learning\_rate: 0.000098 loss: 2.785118 loss\_cls: 0.433733 loss\_obj: 0.957612 loss\_iou: 0.297825 loss\_l1: 0.000000 size: 640.000000 eta: 6:18:16 batch\_cost: 0.2327 data\_cost: 0.1609 ips: 8.5930 images/s

[03/13 12:35:13] ppdet.engine INFO: Epoch: [29] [1300/1381] learning\_rate: 0.000098 loss: 2.848466 loss\_cls: 0.425180 loss\_obj: 0.931261 loss\_iou: 0.287154 loss\_l1: 0.000000 size: 608.000000 eta: 6:12:51 batch\_cost: 0.2270 data\_cost: 0.1516 ips: 8.8087 images/s

[03/13 12:41:04] ppdet.engine INFO: Epoch: [30] [1300/1381] learning\_rate: 0.000098 loss: 2.639773 loss\_cls: 0.404685 loss\_obj: 0.888246 loss\_iou: 0.266663 loss\_l1: 0.000000 size: 672.000000 eta: 6:07:23 batch\_cost: 0.2269 data\_cost: 0.1502 ips: 8.8138 images/s

[03/13 12:46:45] ppdet.engine INFO: Epoch: [31] [1300/1381] learning\_rate: 0.000098 loss: 2.737578 loss\_cls: 0.422606 loss\_obj: 0.930892 loss\_iou: 0.278686 loss\_l1: 0.000000 size: 672.000000 eta: 6:02:07 batch\_cost: 0.2276 data\_cost: 0.1473 ips: 8.7869 images/s

[03/13 12:52:25] ppdet.engine INFO: Epoch: [32] [1300/1381] learning\_rate: 0.000098 loss: 2.739940 loss\_cls: 0.419323 loss\_obj: 0.974899 loss\_iou: 0.283752 loss\_l1: 0.000000 size: 624.000000 eta: 5:56:50 batch\_cost: 0.2338 data\_cost: 0.1560 ips: 8.5534 images/s

[03/13 12:58:04] ppdet.engine INFO: Epoch: [33] [1300/1381] learning\_rate: 0.000098 loss: 2.793994 loss\_cls: 0.420844 loss\_obj: 0.942152 loss\_iou: 0.285940 loss\_l1: 0.000000 size: 640.000000 eta: 5:51:29 batch\_cost: 0.2296 data\_cost: 0.1512 ips: 8.7103 images/s

[03/13 13:03:41] ppdet.engine INFO: Epoch: [34] [1300/1381] learning\_rate: 0.000097 loss: 2.493327 loss\_cls: 0.390844 loss\_obj: 0.798898 loss\_iou: 0.256992 loss\_l1: 0.000000 size: 688.000000 eta: 5:46:06 batch\_cost: 0.2233 data\_cost: 0.1469 ips: 8.9575 images/s

[03/13 13:09:19] ppdet.engine INFO: Epoch: [35] [1300/1381] learning\_rate: 0.000097 loss: 2.701756 loss\_cls: 0.405112 loss\_obj: 0.923931 loss\_iou: 0.268918 loss\_l1: 0.000000 size: 624.000000 eta: 5:40:44 batch\_cost: 0.2357 data\_cost: 0.1553 ips: 8.4867 images/s

[03/13 13:14:58] ppdet.engine INFO: Epoch: [36] [1300/1381] learning\_rate: 0.000097 loss: 2.689531 loss\_cls: 0.414467 loss\_obj: 0.882041 loss\_iou: 0.278329 loss\_l1: 0.000000 size: 672.000000 eta: 5:35:26 batch\_cost: 0.2399 data\_cost: 0.1573 ips: 8.3376 images/s

[03/13 13:20:37] ppdet.engine INFO: Epoch: [37] [1300/1381] learning\_rate: 0.000097 loss: 2.608584 loss\_cls: 0.414334 loss\_obj: 0.849259 loss\_iou: 0.282691 loss\_l1: 0.000000 size: 608.000000 eta: 5:30:06 batch\_cost: 0.2343 data\_cost: 0.1520 ips: 8.5355 images/s

[03/13 13:26:14] ppdet.engine INFO: Epoch: [38] [1300/1381] learning\_rate: 0.000097 loss: 2.571090 loss\_cls: 0.401766 loss\_obj: 0.805171 loss\_iou: 0.261810 loss\_l1: 0.000000 size: 576.000000 eta: 5:24:43 batch\_cost: 0.2388 data\_cost: 0.1609 ips: 8.3753 images/s

[03/13 13:31:53] ppdet.engine INFO: Epoch: [39] [1300/1381] learning\_rate: 0.000096 loss: 2.687549 loss\_cls: 0.410754 loss\_obj: 0.892604 loss\_iou: 0.276572 loss\_l1: 0.000000 size: 704.000000 eta: 5:19:23 batch\_cost: 0.2430 data\_cost: 0.1599 ips: 8.2295 images/s

[03/13 13:37:46] ppdet.engine INFO: Epoch: [40] [1300/1381] learning\_rate: 0.000096 loss: 2.407111 loss\_cls: 0.396259 loss\_obj: 0.738124 loss\_iou: 0.261726 loss\_l1: 0.000000 size: 608.000000 eta: 5:14:02 batch\_cost: 0.2379 data\_cost: 0.1624 ips: 8.4060 images/s

[03/13 13:43:22] ppdet.engine INFO: Epoch: [41] [1300/1381] learning\_rate: 0.000096 loss: 2.369161 loss\_cls: 0.395496 loss\_obj: 0.726852 loss\_iou: 0.258169 loss\_l1: 0.000000 size: 640.000000 eta: 5:08:39 batch\_cost: 0.2306 data\_cost: 0.1518 ips: 8.6727 images/s

[03/13 13:49:03] ppdet.engine INFO: Epoch: [42] [1300/1381] learning\_rate: 0.000096 loss: 2.374294 loss\_cls: 0.398088 loss\_obj: 0.779623 loss\_iou: 0.259036 loss\_l1: 0.000000 size: 672.000000 eta: 5:03:23 batch\_cost: 0.2265 data\_cost: 0.1459 ips: 8.8283 images/s

[03/13 13:54:42] ppdet.engine INFO: Epoch: [43] [1300/1381] learning\_rate: 0.000096 loss: 2.337623 loss\_cls: 0.379800 loss\_obj: 0.684985 loss\_iou: 0.245746 loss\_l1: 0.000000 size: 640.000000 eta: 4:58:03 batch\_cost: 0.2263 data\_cost: 0.1507 ips: 8.8360 images/s

[03/13 14:00:22] ppdet.engine INFO: Epoch: [44] [1300/1381] learning\_rate: 0.000095 loss: 2.301182 loss\_cls: 0.386190 loss\_obj: 0.667598 loss\_iou: 0.248470 loss\_l1: 0.000000 size: 624.000000 eta: 4:52:45 batch\_cost: 0.2331 data\_cost: 0.1579 ips: 8.5783 images/s

[03/13 14:06:00] ppdet.engine INFO: Epoch: [45] [1300/1381] learning\_rate: 0.000095 loss: 2.424588 loss\_cls: 0.394137 loss\_obj: 0.749055 loss\_iou: 0.258521 loss\_l1: 0.000000 size: 688.000000 eta: 4:47:26 batch\_cost: 0.2315 data\_cost: 0.1584 ips: 8.6395 images/s

[03/13 14:11:37] ppdet.engine INFO: Epoch: [46] [1300/1381] learning\_rate: 0.000095 loss: 2.436218 loss\_cls: 0.377788 loss\_obj: 0.727945 loss\_iou: 0.244131 loss\_l1: 0.000000 size: 704.000000 eta: 4:42:03 batch\_cost: 0.2269 data\_cost: 0.1474 ips: 8.8155 images/s

[03/13 14:17:17] ppdet.engine INFO: Epoch: [47] [1300/1381] learning\_rate: 0.000095 loss: 2.244889 loss\_cls: 0.367833 loss\_obj: 0.683639 loss\_iou: 0.237279 loss\_l1: 0.000000 size: 624.000000 eta: 4:36:46 batch\_cost: 0.2409 data\_cost: 0.1629 ips: 8.3020 images/s

Found inf or nan, current scale is: 8192.0, decrease to: 8192.0\*0.5

[03/13 14:22:56] ppdet.engine INFO: Epoch: [48] [1300/1381] learning\_rate: 0.000094 loss: 2.280958 loss\_cls: 0.360275 loss\_obj: 0.688491 loss\_iou: 0.238147 loss\_l1: 0.000000 size: 592.000000 eta: 4:31:26 batch\_cost: 0.2251 data\_cost: 0.1464 ips: 8.8830 images/s

[03/13 14:28:36] ppdet.engine INFO: Epoch: [49] [1300/1381] learning\_rate: 0.000094 loss: 2.414503 loss\_cls: 0.391861 loss\_obj: 0.745551 loss\_iou: 0.255140 loss\_l1: 0.000000 size: 624.000000 eta: 4:26:08 batch\_cost: 0.2304 data\_cost: 0.1556 ips: 8.6797 images/s

[03/13 14:34:29] ppdet.engine INFO: Epoch: [50] [1300/1381] learning\_rate: 0.000094 loss: 2.262459 loss\_cls: 0.372404 loss\_obj: 0.648846 loss\_iou: 0.241132 loss\_l1: 0.000000 size: 688.000000 eta: 4:20:49 batch\_cost: 0.2282 data\_cost: 0.1486 ips: 8.7625 images/s

[03/13 14:40:09] ppdet.engine INFO: Epoch: [51] [1300/1381] learning\_rate: 0.000094 loss: 2.355138 loss\_cls: 0.380204 loss\_obj: 0.713099 loss\_iou: 0.252940 loss\_l1: 0.000000 size: 704.000000 eta: 4:15:30 batch\_cost: 0.2358 data\_cost: 0.1571 ips: 8.4835 images/s

[03/13 14:45:47] ppdet.engine INFO: Epoch: [52] [1300/1381] learning\_rate: 0.000093 loss: 2.255845 loss\_cls: 0.375266 loss\_obj: 0.661212 loss\_iou: 0.240777 loss\_l1: 0.000000 size: 672.000000 eta: 4:10:11 batch\_cost: 0.2251 data\_cost: 0.1478 ips: 8.8848 images/s

[03/13 14:51:27] ppdet.engine INFO: Epoch: [53] [1300/1381] learning\_rate: 0.000093 loss: 2.116497 loss\_cls: 0.366860 loss\_obj: 0.699788 loss\_iou: 0.231545 loss\_l1: 0.000000 size: 640.000000 eta: 4:04:53 batch\_cost: 0.2270 data\_cost: 0.1484 ips: 8.8090 images/s

[03/13 14:57:08] ppdet.engine INFO: Epoch: [54] [1300/1381] learning\_rate: 0.000093 loss: 2.244685 loss\_cls: 0.373086 loss\_obj: 0.617976 loss\_iou: 0.243442 loss\_l1: 0.000000 size: 640.000000 eta: 3:59:34 batch\_cost: 0.2329 data\_cost: 0.1563 ips: 8.5886 images/s

[03/13 15:02:46] ppdet.engine INFO: Epoch: [55] [1300/1381] learning\_rate: 0.000092 loss: 2.302984 loss\_cls: 0.377008 loss\_obj: 0.726005 loss\_iou: 0.241251 loss\_l1: 0.000000 size: 608.000000 eta: 3:54:15 batch\_cost: 0.2308 data\_cost: 0.1493 ips: 8.6643 images/s

[03/13 15:08:26] ppdet.engine INFO: Epoch: [56] [1300/1381] learning\_rate: 0.000092 loss: 2.213185 loss\_cls: 0.362902 loss\_obj: 0.627861 loss\_iou: 0.230968 loss\_l1: 0.000000 size: 512.000000 eta: 3:48:57 batch\_cost: 0.2279 data\_cost: 0.1484 ips: 8.7745 images/s

[03/13 15:14:05] ppdet.engine INFO: Epoch: [57] [1300/1381] learning\_rate: 0.000092 loss: 2.061616 loss\_cls: 0.347743 loss\_obj: 0.569681 loss\_iou: 0.217168 loss\_l1: 0.000000 size: 624.000000 eta: 3:43:37 batch\_cost: 0.2187 data\_cost: 0.1470 ips: 9.1464 images/s

[03/13 15:19:45] ppdet.engine INFO: Epoch: [58] [1300/1381] learning\_rate: 0.000092 loss: 1.999751 loss\_cls: 0.342988 loss\_obj: 0.550841 loss\_iou: 0.220413 loss\_l1: 0.000000 size: 672.000000 eta: 3:38:19 batch\_cost: 0.2385 data\_cost: 0.1588 ips: 8.3873 images/s

[03/13 15:25:22] ppdet.engine INFO: Epoch: [59] [1300/1381] learning\_rate: 0.000091 loss: 2.065729 loss\_cls: 0.357208 loss\_obj: 0.555080 loss\_iou: 0.226526 loss\_l1: 0.000000 size: 688.000000 eta: 3:32:59 batch\_cost: 0.2340 data\_cost: 0.1574 ips: 8.5459 images/s

[03/13 15:31:18] ppdet.engine INFO: Epoch: [60] [1300/1381] learning\_rate: 0.000091 loss: 1.971161 loss\_cls: 0.355106 loss\_obj: 0.514853 loss\_iou: 0.221883 loss\_l1: 0.000000 size: 608.000000 eta: 3:27:41 batch\_cost: 0.2345 data\_cost: 0.1576 ips: 8.5294 images/s

[03/13 15:37:00] ppdet.engine INFO: Epoch: [61] [1300/1381] learning\_rate: 0.000091 loss: 2.055931 loss\_cls: 0.360228 loss\_obj: 0.537173 loss\_iou: 0.221403 loss\_l1: 0.000000 size: 672.000000 eta: 3:22:24 batch\_cost: 0.2298 data\_cost: 0.1524 ips: 8.7032 images/s

[03/13 15:42:42] ppdet.engine INFO: Epoch: [62] [1300/1381] learning\_rate: 0.000090 loss: 2.103782 loss\_cls: 0.366868 loss\_obj: 0.599638 loss\_iou: 0.230113 loss\_l1: 0.000000 size: 640.000000 eta: 3:17:06 batch\_cost: 0.2301 data\_cost: 0.1538 ips: 8.6907 images/s

[03/13 15:48:22] ppdet.engine INFO: Epoch: [63] [1300/1381] learning\_rate: 0.000090 loss: 2.149595 loss\_cls: 0.349235 loss\_obj: 0.606575 loss\_iou: 0.219384 loss\_l1: 0.000000 size: 736.000000 eta: 3:11:47 batch\_cost: 0.2324 data\_cost: 0.1509 ips: 8.6058 images/s

[03/13 15:54:01] ppdet.engine INFO: Epoch: [64] [1300/1381] learning\_rate: 0.000090 loss: 1.990471 loss\_cls: 0.344470 loss\_obj: 0.534926 loss\_iou: 0.213017 loss\_l1: 0.000000 size: 640.000000 eta: 3:06:28 batch\_cost: 0.2337 data\_cost: 0.1533 ips: 8.5573 images/s

[03/13 15:59:40] ppdet.engine INFO: Epoch: [65] [1300/1381] learning\_rate: 0.000089 loss: 1.921350 loss\_cls: 0.338448 loss\_obj: 0.512014 loss\_iou: 0.204747 loss\_l1: 0.000000 size: 688.000000 eta: 3:01:09 batch\_cost: 0.2329 data\_cost: 0.1574 ips: 8.5870 images/s

[03/13 16:05:20] ppdet.engine INFO: Epoch: [66] [1300/1381] learning\_rate: 0.000089 loss: 2.203578 loss\_cls: 0.356261 loss\_obj: 0.698445 loss\_iou: 0.230280 loss\_l1: 0.000000 size: 640.000000 eta: 2:55:50 batch\_cost: 0.2273 data\_cost: 0.1500 ips: 8.8007 images/s

[03/13 16:11:01] ppdet.engine INFO: Epoch: [67] [1300/1381] learning\_rate: 0.000089 loss: 2.005947 loss\_cls: 0.353866 loss\_obj: 0.552323 loss\_iou: 0.224082 loss\_l1: 0.000000 size: 672.000000 eta: 2:50:31 batch\_cost: 0.2250 data\_cost: 0.1465 ips: 8.8901 images/s

[03/13 16:16:41] ppdet.engine INFO: Epoch: [68] [1300/1381] learning\_rate: 0.000088 loss: 2.063083 loss\_cls: 0.339786 loss\_obj: 0.633039 loss\_iou: 0.213586 loss\_l1: 0.000000 size: 672.000000 eta: 2:45:12 batch\_cost: 0.2255 data\_cost: 0.1489 ips: 8.8698 images/s

[03/13 16:22:21] ppdet.engine INFO: Epoch: [69] [1300/1381] learning\_rate: 0.000088 loss: 1.998021 loss\_cls: 0.350997 loss\_obj: 0.606318 loss\_iou: 0.215338 loss\_l1: 0.000000 size: 688.000000 eta: 2:39:53 batch\_cost: 0.2254 data\_cost: 0.1509 ips: 8.8726 images/s

[03/13 16:28:20] ppdet.engine INFO: Epoch: [70] [1300/1381] learning\_rate: 0.000088 loss: 2.020962 loss\_cls: 0.353422 loss\_obj: 0.524884 loss\_iou: 0.221752 loss\_l1: 0.000000 size: 608.000000 eta: 2:34:36 batch\_cost: 0.2369 data\_cost: 0.1581 ips: 8.4407 images/s

[03/13 16:34:00] ppdet.engine INFO: Epoch: [71] [1300/1381] learning\_rate: 0.000087 loss: 2.002432 loss\_cls: 0.352858 loss\_obj: 0.502046 loss\_iou: 0.218186 loss\_l1: 0.000000 size: 576.000000 eta: 2:29:17 batch\_cost: 0.2288 data\_cost: 0.1499 ips: 8.7394 images/s

[03/13 16:39:42] ppdet.engine INFO: Epoch: [72] [1300/1381] learning\_rate: 0.000087 loss: 2.012832 loss\_cls: 0.352024 loss\_obj: 0.556227 loss\_iou: 0.219035 loss\_l1: 0.000000 size: 672.000000 eta: 2:23:59 batch\_cost: 0.2332 data\_cost: 0.1512 ips: 8.5778 images/s

[03/13 16:45:24] ppdet.engine INFO: Epoch: [73] [1300/1381] learning\_rate: 0.000086 loss: 2.017523 loss\_cls: 0.339962 loss\_obj: 0.535619 loss\_iou: 0.215455 loss\_l1: 0.000000 size: 672.000000 eta: 2:18:40 batch\_cost: 0.2357 data\_cost: 0.1534 ips: 8.4859 images/s

[03/13 16:51:04] ppdet.engine INFO: Epoch: [74] [1300/1381] learning\_rate: 0.000086 loss: 2.008279 loss\_cls: 0.352506 loss\_obj: 0.528355 loss\_iou: 0.222108 loss\_l1: 0.000000 size: 608.000000 eta: 2:13:21 batch\_cost: 0.2274 data\_cost: 0.1520 ips: 8.7963 images/s

[03/13 16:56:47] ppdet.engine INFO: Epoch: [75] [1300/1381] learning\_rate: 0.000086 loss: 2.284476 loss\_cls: 0.354566 loss\_obj: 0.712880 loss\_iou: 0.224542 loss\_l1: 0.000000 size: 704.000000 eta: 2:08:03 batch\_cost: 0.2344 data\_cost: 0.1574 ips: 8.5308 images/s

[03/13 17:02:27] ppdet.engine INFO: Epoch: [76] [1300/1381] learning\_rate: 0.000085 loss: 2.084460 loss\_cls: 0.335726 loss\_obj: 0.682493 loss\_iou: 0.213469 loss\_l1: 0.000000 size: 640.000000 eta: 2:02:44 batch\_cost: 0.2339 data\_cost: 0.1582 ips: 8.5521 images/s

[03/13 17:08:08] ppdet.engine INFO: Epoch: [77] [1300/1381] learning\_rate: 0.000085 loss: 2.267721 loss\_cls: 0.355923 loss\_obj: 0.689086 loss\_iou: 0.224537 loss\_l1: 0.000000 size: 576.000000 eta: 1:57:25 batch\_cost: 0.2337 data\_cost: 0.1580 ips: 8.5567 images/s

[03/13 17:13:50] ppdet.engine INFO: Epoch: [78] [1300/1381] learning\_rate: 0.000085 loss: 1.806540 loss\_cls: 0.325339 loss\_obj: 0.454005 loss\_iou: 0.198527 loss\_l1: 0.000000 size: 608.000000 eta: 1:52:06 batch\_cost: 0.2377 data\_cost: 0.1616 ips: 8.4124 images/s

[03/13 17:19:32] ppdet.engine INFO: Epoch: [79] [1300/1381] learning\_rate: 0.000084 loss: 1.921255 loss\_cls: 0.332559 loss\_obj: 0.522797 loss\_iou: 0.206771 loss\_l1: 0.000000 size: 592.000000 eta: 1:46:47 batch\_cost: 0.2301 data\_cost: 0.1535 ips: 8.6907 images/s

[03/13 17:25:23] ppdet.engine INFO: Epoch: [80] [1300/1381] learning\_rate: 0.000084 loss: 1.937141 loss\_cls: 0.340038 loss\_obj: 0.514093 loss\_iou: 0.207987 loss\_l1: 0.000000 size: 640.000000 eta: 1:41:27 batch\_cost: 0.2248 data\_cost: 0.1486 ips: 8.8975 images/s

[03/13 17:31:03] ppdet.engine INFO: Epoch: [81] [1300/1381] learning\_rate: 0.000083 loss: 1.995796 loss\_cls: 0.344299 loss\_obj: 0.537105 loss\_iou: 0.214273 loss\_l1: 0.000000 size: 576.000000 eta: 1:36:07 batch\_cost: 0.2223 data\_cost: 0.1477 ips: 8.9967 images/s

[03/13 17:36:45] ppdet.engine INFO: Epoch: [82] [1300/1381] learning\_rate: 0.000083 loss: 1.961176 loss\_cls: 0.342585 loss\_obj: 0.539076 loss\_iou: 0.208484 loss\_l1: 0.000000 size: 592.000000 eta: 1:30:49 batch\_cost: 0.2335 data\_cost: 0.1567 ips: 8.5641 images/s

[03/13 17:42:24] ppdet.engine INFO: Epoch: [83] [1300/1381] learning\_rate: 0.000083 loss: 1.939450 loss\_cls: 0.335463 loss\_obj: 0.502619 loss\_iou: 0.216418 loss\_l1: 0.000000 size: 608.000000 eta: 1:25:29 batch\_cost: 0.2264 data\_cost: 0.1494 ips: 8.8329 images/s

[03/13 17:48:04] ppdet.engine INFO: Epoch: [84] [1300/1381] learning\_rate: 0.000082 loss: 1.835866 loss\_cls: 0.343379 loss\_obj: 0.475400 loss\_iou: 0.209074 loss\_l1: 0.000000 size: 576.000000 eta: 1:20:10 batch\_cost: 0.2272 data\_cost: 0.1511 ips: 8.8022 images/s

[03/13 17:53:44] ppdet.engine INFO: Epoch: [85] [1300/1381] learning\_rate: 0.000082 loss: 1.879102 loss\_cls: 0.318565 loss\_obj: 0.459967 loss\_iou: 0.202500 loss\_l1: 0.000000 size: 704.000000 eta: 1:14:50 batch\_cost: 0.2365 data\_cost: 0.1563 ips: 8.4574 images/s

[03/13 17:59:24] ppdet.engine INFO: Epoch: [86] [1300/1381] learning\_rate: 0.000081 loss: 1.871357 loss\_cls: 0.339714 loss\_obj: 0.472810 loss\_iou: 0.208526 loss\_l1: 0.000000 size: 576.000000 eta: 1:09:31 batch\_cost: 0.2288 data\_cost: 0.1498 ips: 8.7413 images/s

[03/13 18:05:03] ppdet.engine INFO: Epoch: [87] [1300/1381] learning\_rate: 0.000081 loss: 1.878759 loss\_cls: 0.329666 loss\_obj: 0.495207 loss\_iou: 0.200244 loss\_l1: 0.000000 size: 624.000000 eta: 1:04:11 batch\_cost: 0.2269 data\_cost: 0.1497 ips: 8.8139 images/s

[03/13 18:10:37] ppdet.engine INFO: Epoch: [88] [1300/1381] learning\_rate: 0.000080 loss: 1.858359 loss\_cls: 0.324173 loss\_obj: 0.560340 loss\_iou: 0.201659 loss\_l1: 0.000000 size: 688.000000 eta: 0:58:51 batch\_cost: 0.2303 data\_cost: 0.1507 ips: 8.6862 images/s

[03/13 18:16:11] ppdet.engine INFO: Epoch: [89] [1300/1381] learning\_rate: 0.000080 loss: 1.705490 loss\_cls: 0.314011 loss\_obj: 0.439981 loss\_iou: 0.192975 loss\_l1: 0.000000 size: 624.000000 eta: 0:53:31 batch\_cost: 0.2385 data\_cost: 0.1609 ips: 8.3845 images/s

[03/13 18:22:00] ppdet.engine INFO: Epoch: [90] [1300/1381] learning\_rate: 0.000080 loss: 1.996188 loss\_cls: 0.334191 loss\_obj: 0.578388 loss\_iou: 0.208283 loss\_l1: 0.000000 size: 672.000000 eta: 0:48:12 batch\_cost: 0.2279 data\_cost: 0.1498 ips: 8.7761 images/s

[03/13 18:27:36] ppdet.engine INFO: Epoch: [91] [1300/1381] learning\_rate: 0.000079 loss: 1.981348 loss\_cls: 0.348418 loss\_obj: 0.537387 loss\_iou: 0.217255 loss\_l1: 0.000000 size: 608.000000 eta: 0:42:52 batch\_cost: 0.2351 data\_cost: 0.1510 ips: 8.5065 images/s

[03/13 18:33:14] ppdet.engine INFO: Epoch: [92] [1300/1381] learning\_rate: 0.000079 loss: 1.871831 loss\_cls: 0.334020 loss\_obj: 0.502444 loss\_iou: 0.201320 loss\_l1: 0.000000 size: 736.000000 eta: 0:37:33 batch\_cost: 0.2307 data\_cost: 0.1485 ips: 8.6688 images/s

[03/13 18:38:49] ppdet.engine INFO: Epoch: [93] [1300/1381] learning\_rate: 0.000078 loss: 2.007416 loss\_cls: 0.348515 loss\_obj: 0.539196 loss\_iou: 0.216355 loss\_l1: 0.000000 size: 672.000000 eta: 0:32:13 batch\_cost: 0.2278 data\_cost: 0.1516 ips: 8.7814 images/s

[03/13 18:44:24] ppdet.engine INFO: Epoch: [94] [1300/1381] learning\_rate: 0.000078 loss: 1.895854 loss\_cls: 0.330992 loss\_obj: 0.520643 loss\_iou: 0.201927 loss\_l1: 0.000000 size: 544.000000 eta: 0:26:54 batch\_cost: 0.2293 data\_cost: 0.1498 ips: 8.7203 images/s

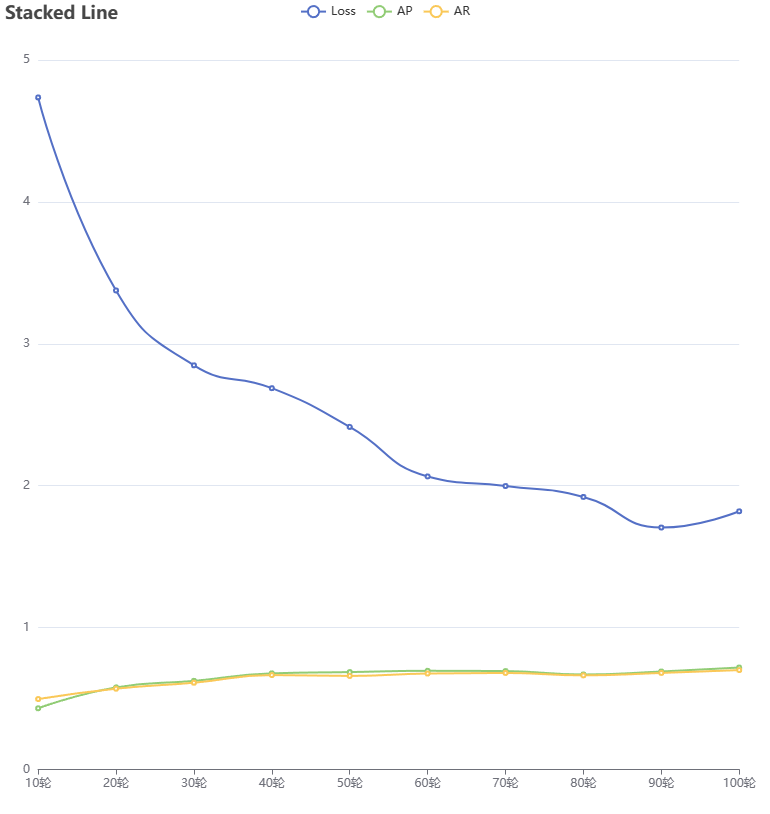
[03/13 18:50:01] ppdet.engine INFO: Epoch: [95] [1300/1381] learning\_rate: 0.000077 loss: 1.864773 loss\_cls: 0.331019 loss\_obj: 0.494941 loss\_iou: 0.204985 loss\_l1: 0.000000 size: 640.000000 eta: 0:21:35 batch\_cost: 0.2369 data\_cost: 0.1554 ips: 8.4435 images/s

[03/13 18:55:39] ppdet.engine INFO: Epoch: [96] [1300/1381] learning\_rate: 0.000077 loss: 1.880997 loss\_cls: 0.330456 loss\_obj: 0.516573 loss\_iou: 0.201816 loss\_l1: 0.000000 size: 608.000000 eta: 0:16:16 batch\_cost: 0.2306 data\_cost: 0.1530 ips: 8.6715 images/s

[03/13 19:01:17] ppdet.engine INFO: Epoch: [97] [1300/1381] learning\_rate: 0.000076 loss: 1.776684 loss\_cls: 0.316941 loss\_obj: 0.444910 loss\_iou: 0.193091 loss\_l1: 0.000000 size: 624.000000 eta: 0:10:56 batch\_cost: 0.2267 data\_cost: 0.1500 ips: 8.8210 images/s

[03/13 19:06:56] ppdet.engine INFO: Epoch: [98] [1300/1381] learning\_rate: 0.000076 loss: 2.046613 loss\_cls: 0.333700 loss\_obj: 0.582531 loss\_iou: 0.211406 loss\_l1: 0.000000 size: 672.000000 eta: 0:05:37 batch\_cost: 0.2355 data\_cost: 0.1555 ips: 8.4918 images/s

[03/13 19:12:33] ppdet.engine INFO: Epoch: [99] [1300/1381] learning\_rate: 0.000076 loss: 1.820036 loss\_cls: 0.321130 loss\_obj: 0.461893 loss\_iou: 0.194679 loss\_l1: 0.000000 size: 688.000000 eta: 0:00:18 batch\_cost: 0.2322 data\_cost: 0.1485 ips: 8.6128 images/s



##### 1.5.1.6 EfficientNet+FPN+YOLOXHead-2

[03/13 20:04:41] ppdet.engine INFO: Epoch: [0] [1300/1381] learning\_rate: 0.000004 loss: 16.454984 loss\_cls: 2.126179 loss\_obj: 10.548467 loss\_iou: 0.754276 loss\_l1: 0.000000 size: 608.000000 eta: 8:41:51 batch\_cost: 0.2282 data\_cost: 0.1505 ips: 8.7650 images/s

[03/13 20:10:14] ppdet.engine INFO: Epoch: [1] [1300/1381] learning\_rate: 0.000015 loss: 12.030058 loss\_cls: 1.825349 loss\_obj: 6.625523 loss\_iou: 0.691888 loss\_l1: 0.000000 size: 640.000000 eta: 8:34:45 batch\_cost: 0.2226 data\_cost: 0.1497 ips: 8.9827 images/s

[03/13 20:15:47] ppdet.engine INFO: Epoch: [2] [1300/1381] learning\_rate: 0.000035 loss: 9.937484 loss\_cls: 1.151775 loss\_obj: 5.277426 loss\_iou: 0.684389 loss\_l1: 0.000000 size: 592.000000 eta: 8:28:51 batch\_cost: 0.2306 data\_cost: 0.1497 ips: 8.6740 images/s

[03/13 20:21:21] ppdet.engine INFO: Epoch: [3] [1300/1381] learning\_rate: 0.000062 loss: 9.241563 loss\_cls: 0.933370 loss\_obj: 4.860173 loss\_iou: 0.663583 loss\_l1: 0.000000 size: 656.000000 eta: 8:23:18 batch\_cost: 0.2267 data\_cost: 0.1489 ips: 8.8226 images/s

[03/13 20:26:54] ppdet.engine INFO: Epoch: [4] [1300/1381] learning\_rate: 0.000098 loss: 8.236199 loss\_cls: 0.795143 loss\_obj: 4.233924 loss\_iou: 0.622713 loss\_l1: 0.000000 size: 576.000000 eta: 8:17:57 batch\_cost: 0.2255 data\_cost: 0.1513 ips: 8.8675 images/s

[03/13 20:32:28] ppdet.engine INFO: Epoch: [5] [1300/1381] learning\_rate: 0.000100 loss: 7.386950 loss\_cls: 0.701660 loss\_obj: 3.641886 loss\_iou: 0.587888 loss\_l1: 0.000000 size: 576.000000 eta: 8:12:44 batch\_cost: 0.2223 data\_cost: 0.1442 ips: 8.9977 images/s

[03/13 20:38:03] ppdet.engine INFO: Epoch: [6] [1300/1381] learning\_rate: 0.000100 loss: 6.285220 loss\_cls: 0.660350 loss\_obj: 2.879454 loss\_iou: 0.544330 loss\_l1: 0.000000 size: 704.000000 eta: 8:07:38 batch\_cost: 0.2202 data\_cost: 0.1407 ips: 9.0819 images/s

[03/13 20:43:36] ppdet.engine INFO: Epoch: [7] [1300/1381] learning\_rate: 0.000100 loss: 5.484949 loss\_cls: 0.620041 loss\_obj: 2.347849 loss\_iou: 0.515155 loss\_l1: 0.000000 size: 576.000000 eta: 8:02:07 batch\_cost: 0.2233 data\_cost: 0.1455 ips: 8.9575 images/s

[03/13 20:49:08] ppdet.engine INFO: Epoch: [8] [1300/1381] learning\_rate: 0.000100 loss: 5.041689 loss\_cls: 0.601422 loss\_obj: 2.123394 loss\_iou: 0.457381 loss\_l1: 0.000000 size: 720.000000 eta: 7:56:40 batch\_cost: 0.2300 data\_cost: 0.1462 ips: 8.6956 images/s

[03/13 20:54:41] ppdet.engine INFO: Epoch: [9] [1300/1381] learning\_rate: 0.000100 loss: 4.854638 loss\_cls: 0.584176 loss\_obj: 2.059423 loss\_iou: 0.451460 loss\_l1: 0.000000 size: 704.000000 eta: 7:51:18 batch\_cost: 0.2340 data\_cost: 0.1554 ips: 8.5478 images/s

[03/13 21:00:43] ppdet.engine INFO: Epoch: [10] [1300/1381] learning\_rate: 0.000100 loss: 4.682606 loss\_cls: 0.568274 loss\_obj: 1.910259 loss\_iou: 0.442508 loss\_l1: 0.000000 size: 640.000000 eta: 7:45:43 batch\_cost: 0.2259 data\_cost: 0.1505 ips: 8.8544 images/s

[03/13 21:06:18] ppdet.engine INFO: Epoch: [11] [1300/1381] learning\_rate: 0.000100 loss: 4.514343 loss\_cls: 0.555230 loss\_obj: 1.809965 loss\_iou: 0.431615 loss\_l1: 0.000000 size: 592.000000 eta: 7:40:39 batch\_cost: 0.2267 data\_cost: 0.1490 ips: 8.8227 images/s

[03/13 21:11:51] ppdet.engine INFO: Epoch: [12] [1300/1381] learning\_rate: 0.000100 loss: 4.357464 loss\_cls: 0.538956 loss\_obj: 1.649057 loss\_iou: 0.421410 loss\_l1: 0.000000 size: 576.000000 eta: 7:35:21 batch\_cost: 0.2234 data\_cost: 0.1436 ips: 8.9533 images/s

[03/13 21:17:24] ppdet.engine INFO: Epoch: [13] [1300/1381] learning\_rate: 0.000100 loss: 3.993924 loss\_cls: 0.527444 loss\_obj: 1.522325 loss\_iou: 0.398734 loss\_l1: 0.000000 size: 672.000000 eta: 7:30:06 batch\_cost: 0.2219 data\_cost: 0.1473 ips: 9.0148 images/s

[03/13 21:22:55] ppdet.engine INFO: Epoch: [14] [1300/1381] learning\_rate: 0.000100 loss: 3.971897 loss\_cls: 0.518409 loss\_obj: 1.547572 loss\_iou: 0.385097 loss\_l1: 0.000000 size: 672.000000 eta: 7:24:41 batch\_cost: 0.2374 data\_cost: 0.1600 ips: 8.4259 images/s

[03/13 21:28:28] ppdet.engine INFO: Epoch: [15] [1300/1381] learning\_rate: 0.000100 loss: 3.713249 loss\_cls: 0.508130 loss\_obj: 1.360182 loss\_iou: 0.366582 loss\_l1: 0.000000 size: 688.000000 eta: 7:19:24 batch\_cost: 0.2278 data\_cost: 0.1491 ips: 8.7778 images/s

[03/13 21:33:56] ppdet.engine INFO: Epoch: [16] [1300/1381] learning\_rate: 0.000100 loss: 3.793333 loss\_cls: 0.500682 loss\_obj: 1.481513 loss\_iou: 0.363213 loss\_l1: 0.000000 size: 624.000000 eta: 7:13:43 batch\_cost: 0.2226 data\_cost: 0.1491 ips: 8.9834 images/s

[03/13 21:39:27] ppdet.engine INFO: Epoch: [17] [1300/1381] learning\_rate: 0.000100 loss: 3.864030 loss\_cls: 0.508237 loss\_obj: 1.398479 loss\_iou: 0.375605 loss\_l1: 0.000000 size: 592.000000 eta: 7:08:24 batch\_cost: 0.2253 data\_cost: 0.1461 ips: 8.8753 images/s

[03/13 21:44:57] ppdet.engine INFO: Epoch: [18] [1300/1381] learning\_rate: 0.000099 loss: 3.742624 loss\_cls: 0.493911 loss\_obj: 1.457798 loss\_iou: 0.357769 loss\_l1: 0.000000 size: 704.000000 eta: 7:02:56 batch\_cost: 0.2185 data\_cost: 0.1374 ips: 9.1541 images/s

[03/13 21:50:28] ppdet.engine INFO: Epoch: [19] [1300/1381] learning\_rate: 0.000099 loss: 3.404845 loss\_cls: 0.497881 loss\_obj: 1.222790 loss\_iou: 0.358400 loss\_l1: 0.000000 size: 544.000000 eta: 6:57:38 batch\_cost: 0.2237 data\_cost: 0.1448 ips: 8.9416 images/s

[03/13 21:56:18] ppdet.engine INFO: Epoch: [20] [1300/1381] learning\_rate: 0.000099 loss: 3.415895 loss\_cls: 0.476839 loss\_obj: 1.160919 loss\_iou: 0.342135 loss\_l1: 0.000000 size: 640.000000 eta: 6:52:25 batch\_cost: 0.2266 data\_cost: 0.1481 ips: 8.8247 images/s

[03/13 22:01:50] ppdet.engine INFO: Epoch: [21] [1300/1381] learning\_rate: 0.000099 loss: 3.341654 loss\_cls: 0.469475 loss\_obj: 1.199477 loss\_iou: 0.332970 loss\_l1: 0.000000 size: 640.000000 eta: 6:47:10 batch\_cost: 0.2254 data\_cost: 0.1460 ips: 8.8746 images/s

[03/13 22:07:20] ppdet.engine INFO: Epoch: [22] [1300/1381] learning\_rate: 0.000099 loss: 3.381697 loss\_cls: 0.460381 loss\_obj: 1.279837 loss\_iou: 0.320215 loss\_l1: 0.000000 size: 640.000000 eta: 6:41:46 batch\_cost: 0.2299 data\_cost: 0.1510 ips: 8.6984 images/s

[03/13 22:12:51] ppdet.engine INFO: Epoch: [23] [1300/1381] learning\_rate: 0.000099 loss: 2.933181 loss\_cls: 0.444975 loss\_obj: 0.925468 loss\_iou: 0.296317 loss\_l1: 0.000000 size: 688.000000 eta: 6:36:30 batch\_cost: 0.2151 data\_cost: 0.1394 ips: 9.2980 images/s

[03/13 22:18:30] ppdet.engine INFO: Epoch: [24] [1300/1381] learning\_rate: 0.000099 loss: 3.131359 loss\_cls: 0.458796 loss\_obj: 1.108013 loss\_iou: 0.319247 loss\_l1: 0.000000 size: 608.000000 eta: 6:31:35 batch\_cost: 0.2370 data\_cost: 0.1589 ips: 8.4399 images/s

[03/13 22:24:18] ppdet.engine INFO: Epoch: [25] [1300/1381] learning\_rate: 0.000099 loss: 2.866396 loss\_cls: 0.435678 loss\_obj: 0.966040 loss\_iou: 0.296513 loss\_l1: 0.000000 size: 576.000000 eta: 6:27:05 batch\_cost: 0.2426 data\_cost: 0.1671 ips: 8.2426 images/s

[03/13 22:30:02] ppdet.engine INFO: Epoch: [26] [1300/1381] learning\_rate: 0.000099 loss: 2.945882 loss\_cls: 0.432453 loss\_obj: 1.036235 loss\_iou: 0.290229 loss\_l1: 0.000000 size: 672.000000 eta: 6:22:18 batch\_cost: 0.2388 data\_cost: 0.1611 ips: 8.3746 images/s

[03/13 22:35:47] ppdet.engine INFO: Epoch: [27] [1300/1381] learning\_rate: 0.000098 loss: 2.865649 loss\_cls: 0.429335 loss\_obj: 0.948966 loss\_iou: 0.289874 loss\_l1: 0.000000 size: 672.000000 eta: 6:17:33 batch\_cost: 0.2382 data\_cost: 0.1599 ips: 8.3980 images/s

[03/13 22:41:33] ppdet.engine INFO: Epoch: [28] [1300/1381] learning\_rate: 0.000098 loss: 2.915496 loss\_cls: 0.440239 loss\_obj: 0.975438 loss\_iou: 0.300614 loss\_l1: 0.000000 size: 640.000000 eta: 6:12:48 batch\_cost: 0.2361 data\_cost: 0.1586 ips: 8.4707 images/s

[03/13 22:47:16] ppdet.engine INFO: Epoch: [29] [1300/1381] learning\_rate: 0.000098 loss: 2.942647 loss\_cls: 0.440351 loss\_obj: 1.002461 loss\_iou: 0.298102 loss\_l1: 0.000000 size: 608.000000 eta: 6:07:51 batch\_cost: 0.2298 data\_cost: 0.1545 ips: 8.7033 images/s

[03/13 22:53:04] ppdet.engine INFO: Epoch: [30] [1300/1381] learning\_rate: 0.000098 loss: 2.793822 loss\_cls: 0.411978 loss\_obj: 0.903095 loss\_iou: 0.274190 loss\_l1: 0.000000 size: 672.000000 eta: 6:02:29 batch\_cost: 0.2240 data\_cost: 0.1480 ips: 8.9281 images/s

[03/13 23:04:15] ppdet.engine INFO: Epoch: [32] [1300/1381] learning\_rate: 0.000098 loss: 2.760936 loss\_cls: 0.419002 loss\_obj: 0.939714 loss\_iou: 0.282359 loss\_l1: 0.000000 size: 624.000000 eta: 5:52:02 batch\_cost: 0.2311 data\_cost: 0.1548 ips: 8.6558 images/s

[03/13 23:09:50] ppdet.engine INFO: Epoch: [33] [1300/1381] learning\_rate: 0.000098 loss: 2.832103 loss\_cls: 0.431573 loss\_obj: 0.906251 loss\_iou: 0.293221 loss\_l1: 0.000000 size: 640.000000 eta: 5:46:47 batch\_cost: 0.2289 data\_cost: 0.1525 ips: 8.7376 images/s

[03/13 23:15:22] ppdet.engine INFO: Epoch: [34] [1300/1381] learning\_rate: 0.000097 loss: 2.684673 loss\_cls: 0.407708 loss\_obj: 0.878277 loss\_iou: 0.266903 loss\_l1: 0.000000 size: 688.000000 eta: 5:41:27 batch\_cost: 0.2201 data\_cost: 0.1443 ips: 9.0888 images/s

[03/13 23:20:57] ppdet.engine INFO: Epoch: [35] [1300/1381] learning\_rate: 0.000097 loss: 2.665076 loss\_cls: 0.415730 loss\_obj: 0.965379 loss\_iou: 0.279621 loss\_l1: 0.000000 size: 624.000000 eta: 5:36:12 batch\_cost: 0.2337 data\_cost: 0.1534 ips: 8.5598 images/s

[03/13 23:26:32] ppdet.engine INFO: Epoch: [36] [1300/1381] learning\_rate: 0.000097 loss: 2.684167 loss\_cls: 0.417217 loss\_obj: 0.900965 loss\_iou: 0.277681 loss\_l1: 0.000000 size: 672.000000 eta: 5:30:58 batch\_cost: 0.2362 data\_cost: 0.1569 ips: 8.4676 images/s

[03/13 23:32:05] ppdet.engine INFO: Epoch: [37] [1300/1381] learning\_rate: 0.000097 loss: 2.751608 loss\_cls: 0.415891 loss\_obj: 0.858832 loss\_iou: 0.278805 loss\_l1: 0.000000 size: 608.000000 eta: 5:25:41 batch\_cost: 0.2315 data\_cost: 0.1509 ips: 8.6399 images/s

[03/13 23:37:38] ppdet.engine INFO: Epoch: [38] [1300/1381] learning\_rate: 0.000097 loss: 2.559600 loss\_cls: 0.402593 loss\_obj: 0.780118 loss\_iou: 0.266543 loss\_l1: 0.000000 size: 576.000000 eta: 5:20:23 batch\_cost: 0.2361 data\_cost: 0.1564 ips: 8.4714 images/s

[03/13 23:43:13] ppdet.engine INFO: Epoch: [39] [1300/1381] learning\_rate: 0.000096 loss: 2.749422 loss\_cls: 0.409501 loss\_obj: 0.947291 loss\_iou: 0.277014 loss\_l1: 0.000000 size: 704.000000 eta: 5:15:08 batch\_cost: 0.2399 data\_cost: 0.1578 ips: 8.3382 images/s

[03/13 23:49:02] ppdet.engine INFO: Epoch: [40] [1300/1381] learning\_rate: 0.000096 loss: 2.542389 loss\_cls: 0.406173 loss\_obj: 0.792937 loss\_iou: 0.272903 loss\_l1: 0.000000 size: 608.000000 eta: 5:09:51 batch\_cost: 0.2341 data\_cost: 0.1605 ips: 8.5443 images/s

[03/13 23:54:34] ppdet.engine INFO: Epoch: [41] [1300/1381] learning\_rate: 0.000096 loss: 2.470712 loss\_cls: 0.392863 loss\_obj: 0.724250 loss\_iou: 0.255532 loss\_l1: 0.000000 size: 640.000000 eta: 5:04:32 batch\_cost: 0.2280 data\_cost: 0.1535 ips: 8.7713 images/s

[03/14 00:00:10] ppdet.engine INFO: Epoch: [42] [1300/1381] learning\_rate: 0.000096 loss: 2.499615 loss\_cls: 0.394847 loss\_obj: 0.772083 loss\_iou: 0.257262 loss\_l1: 0.000000 size: 672.000000 eta: 4:59:20 batch\_cost: 0.2235 data\_cost: 0.1437 ips: 8.9473 images/s

[03/14 00:05:44] ppdet.engine INFO: Epoch: [43] [1300/1381] learning\_rate: 0.000096 loss: 2.400581 loss\_cls: 0.387098 loss\_obj: 0.749173 loss\_iou: 0.252601 loss\_l1: 0.000000 size: 640.000000 eta: 4:54:04 batch\_cost: 0.2235 data\_cost: 0.1434 ips: 8.9467 images/s

[03/14 00:11:20] ppdet.engine INFO: Epoch: [44] [1300/1381] learning\_rate: 0.000095 loss: 2.277162 loss\_cls: 0.385626 loss\_obj: 0.656985 loss\_iou: 0.247327 loss\_l1: 0.000000 size: 624.000000 eta: 4:48:51 batch\_cost: 0.2294 data\_cost: 0.1525 ips: 8.7179 images/s

[03/14 00:16:53] ppdet.engine INFO: Epoch: [45] [1300/1381] learning\_rate: 0.000095 loss: 2.502686 loss\_cls: 0.402256 loss\_obj: 0.738010 loss\_iou: 0.263797 loss\_l1: 0.000000 size: 688.000000 eta: 4:43:34 batch\_cost: 0.2282 data\_cost: 0.1484 ips: 8.7631 images/s

[03/14 00:22:24] ppdet.engine INFO: Epoch: [46] [1300/1381] learning\_rate: 0.000095 loss: 2.454423 loss\_cls: 0.391294 loss\_obj: 0.764297 loss\_iou: 0.252292 loss\_l1: 0.000000 size: 704.000000 eta: 4:38:16 batch\_cost: 0.2233 data\_cost: 0.1449 ips: 8.9553 images/s

[03/14 00:28:00] ppdet.engine INFO: Epoch: [47] [1300/1381] learning\_rate: 0.000095 loss: 2.299244 loss\_cls: 0.373721 loss\_obj: 0.708915 loss\_iou: 0.238158 loss\_l1: 0.000000 size: 624.000000 eta: 4:33:02 batch\_cost: 0.2346 data\_cost: 0.1601 ips: 8.5243 images/s

[03/14 00:33:32] ppdet.engine INFO: Epoch: [48] [1300/1381] learning\_rate: 0.000094 loss: 2.280801 loss\_cls: 0.375181 loss\_obj: 0.652899 loss\_iou: 0.240324 loss\_l1: 0.000000 size: 592.000000 eta: 4:27:46 batch\_cost: 0.2218 data\_cost: 0.1401 ips: 9.0183 images/s

[03/14 00:39:07] ppdet.engine INFO: Epoch: [49] [1300/1381] learning\_rate: 0.000094 loss: 2.413941 loss\_cls: 0.391989 loss\_obj: 0.734919 loss\_iou: 0.258526 loss\_l1: 0.000000 size: 624.000000 eta: 4:22:32 batch\_cost: 0.2257 data\_cost: 0.1510 ips: 8.8625 images/s

[03/14 00:44:56] ppdet.engine INFO: Epoch: [50] [1300/1381] learning\_rate: 0.000094 loss: 2.220038 loss\_cls: 0.371234 loss\_obj: 0.660450 loss\_iou: 0.235829 loss\_l1: 0.000000 size: 688.000000 eta: 4:17:15 batch\_cost: 0.2250 data\_cost: 0.1450 ips: 8.8903 images/s

[03/14 00:50:31] ppdet.engine INFO: Epoch: [51] [1300/1381] learning\_rate: 0.000094 loss: 2.306867 loss\_cls: 0.392202 loss\_obj: 0.651368 loss\_iou: 0.251113 loss\_l1: 0.000000 size: 704.000000 eta: 4:12:02 batch\_cost: 0.2322 data\_cost: 0.1569 ips: 8.6127 images/s

[03/14 00:56:06] ppdet.engine INFO: Epoch: [52] [1300/1381] learning\_rate: 0.000093 loss: 2.334668 loss\_cls: 0.375657 loss\_obj: 0.665390 loss\_iou: 0.241429 loss\_l1: 0.000000 size: 672.000000 eta: 4:06:47 batch\_cost: 0.2238 data\_cost: 0.1480 ips: 8.9368 images/s

[03/14 01:01:42] ppdet.engine INFO: Epoch: [53] [1300/1381] learning\_rate: 0.000093 loss: 2.246800 loss\_cls: 0.371975 loss\_obj: 0.660123 loss\_iou: 0.234381 loss\_l1: 0.000000 size: 640.000000 eta: 4:01:34 batch\_cost: 0.2252 data\_cost: 0.1456 ips: 8.8806 images/s

[03/14 01:07:16] ppdet.engine INFO: Epoch: [54] [1300/1381] learning\_rate: 0.000093 loss: 2.342788 loss\_cls: 0.376296 loss\_obj: 0.733582 loss\_iou: 0.244333 loss\_l1: 0.000000 size: 640.000000 eta: 3:56:19 batch\_cost: 0.2296 data\_cost: 0.1545 ips: 8.7093 images/s

[03/14 01:12:51] ppdet.engine INFO: Epoch: [55] [1300/1381] learning\_rate: 0.000092 loss: 2.362612 loss\_cls: 0.375632 loss\_obj: 0.706276 loss\_iou: 0.245549 loss\_l1: 0.000000 size: 608.000000 eta: 3:51:04 batch\_cost: 0.2278 data\_cost: 0.1471 ips: 8.7810 images/s

[03/14 01:18:27] ppdet.engine INFO: Epoch: [56] [1300/1381] learning\_rate: 0.000092 loss: 2.231531 loss\_cls: 0.362889 loss\_obj: 0.652981 loss\_iou: 0.237557 loss\_l1: 0.000000 size: 512.000000 eta: 3:45:51 batch\_cost: 0.2244 data\_cost: 0.1440 ips: 8.9121 images/s

[03/14 01:24:01] ppdet.engine INFO: Epoch: [57] [1300/1381] learning\_rate: 0.000092 loss: 2.080604 loss\_cls: 0.363264 loss\_obj: 0.616443 loss\_iou: 0.226848 loss\_l1: 0.000000 size: 624.000000 eta: 3:40:36 batch\_cost: 0.2169 data\_cost: 0.1406 ips: 9.2205 images/s

[03/14 01:29:37] ppdet.engine INFO: Epoch: [58] [1300/1381] learning\_rate: 0.000092 loss: 1.943294 loss\_cls: 0.341886 loss\_obj: 0.542808 loss\_iou: 0.212582 loss\_l1: 0.000000 size: 672.000000 eta: 3:35:22 batch\_cost: 0.2306 data\_cost: 0.1505 ips: 8.6726 images/s

[03/14 01:35:09] ppdet.engine INFO: Epoch: [59] [1300/1381] learning\_rate: 0.000091 loss: 2.055856 loss\_cls: 0.363796 loss\_obj: 0.569737 loss\_iou: 0.233674 loss\_l1: 0.000000 size: 688.000000 eta: 3:30:05 batch\_cost: 0.2294 data\_cost: 0.1523 ips: 8.7180 images/s

[03/14 01:40:57] ppdet.engine INFO: Epoch: [60] [1300/1381] learning\_rate: 0.000091 loss: 1.929019 loss\_cls: 0.354555 loss\_obj: 0.520039 loss\_iou: 0.219911 loss\_l1: 0.000000 size: 608.000000 eta: 3:24:51 batch\_cost: 0.2290 data\_cost: 0.1553 ips: 8.7350 images/s

[03/14 01:46:34] ppdet.engine INFO: Epoch: [61] [1300/1381] learning\_rate: 0.000091 loss: 2.001449 loss\_cls: 0.352493 loss\_obj: 0.516311 loss\_iou: 0.222739 loss\_l1: 0.000000 size: 672.000000 eta: 3:19:37 batch\_cost: 0.2267 data\_cost: 0.1497 ips: 8.8206 images/s

[03/14 01:52:10] ppdet.engine INFO: Epoch: [62] [1300/1381] learning\_rate: 0.000090 loss: 2.190898 loss\_cls: 0.367273 loss\_obj: 0.588712 loss\_iou: 0.231294 loss\_l1: 0.000000 size: 640.000000 eta: 3:14:23 batch\_cost: 0.2259 data\_cost: 0.1498 ips: 8.8550 images/s

[03/14 01:57:45] ppdet.engine INFO: Epoch: [63] [1300/1381] learning\_rate: 0.000090 loss: 2.107703 loss\_cls: 0.347835 loss\_obj: 0.627713 loss\_iou: 0.219183 loss\_l1: 0.000000 size: 736.000000 eta: 3:09:09 batch\_cost: 0.2291 data\_cost: 0.1492 ips: 8.7316 images/s

[03/14 02:03:20] ppdet.engine INFO: Epoch: [64] [1300/1381] learning\_rate: 0.000090 loss: 1.971443 loss\_cls: 0.352416 loss\_obj: 0.536020 loss\_iou: 0.214935 loss\_l1: 0.000000 size: 640.000000 eta: 3:03:54 batch\_cost: 0.2316 data\_cost: 0.1498 ips: 8.6351 images/s

[03/14 02:08:53] ppdet.engine INFO: Epoch: [65] [1300/1381] learning\_rate: 0.000089 loss: 1.950186 loss\_cls: 0.340591 loss\_obj: 0.536108 loss\_iou: 0.214178 loss\_l1: 0.000000 size: 688.000000 eta: 2:58:39 batch\_cost: 0.2288 data\_cost: 0.1505 ips: 8.7398 images/s

[03/14 02:14:28] ppdet.engine INFO: Epoch: [66] [1300/1381] learning\_rate: 0.000089 loss: 2.118120 loss\_cls: 0.363105 loss\_obj: 0.607239 loss\_iou: 0.227494 loss\_l1: 0.000000 size: 640.000000 eta: 2:53:24 batch\_cost: 0.2231 data\_cost: 0.1456 ips: 8.9635 images/s

[03/14 02:20:04] ppdet.engine INFO: Epoch: [67] [1300/1381] learning\_rate: 0.000089 loss: 2.094770 loss\_cls: 0.353862 loss\_obj: 0.609838 loss\_iou: 0.219669 loss\_l1: 0.000000 size: 672.000000 eta: 2:48:10 batch\_cost: 0.2212 data\_cost: 0.1438 ips: 9.0413 images/s

[03/14 02:25:39] ppdet.engine INFO: Epoch: [68] [1300/1381] learning\_rate: 0.000088 loss: 2.125498 loss\_cls: 0.348201 loss\_obj: 0.617271 loss\_iou: 0.219568 loss\_l1: 0.000000 size: 672.000000 eta: 2:42:55 batch\_cost: 0.2221 data\_cost: 0.1460 ips: 9.0063 images/s

[03/14 02:31:14] ppdet.engine INFO: Epoch: [69] [1300/1381] learning\_rate: 0.000088 loss: 1.917371 loss\_cls: 0.341929 loss\_obj: 0.557527 loss\_iou: 0.205425 loss\_l1: 0.000000 size: 688.000000 eta: 2:37:41 batch\_cost: 0.2226 data\_cost: 0.1464 ips: 8.9842 images/s

[03/14 02:37:07] ppdet.engine INFO: Epoch: [70] [1300/1381] learning\_rate: 0.000088 loss: 2.073837 loss\_cls: 0.354553 loss\_obj: 0.560723 loss\_iou: 0.223435 loss\_l1: 0.000000 size: 608.000000 eta: 2:32:28 batch\_cost: 0.2327 data\_cost: 0.1562 ips: 8.5943 images/s

[03/14 02:42:43] ppdet.engine INFO: Epoch: [71] [1300/1381] learning\_rate: 0.000087 loss: 1.975562 loss\_cls: 0.348085 loss\_obj: 0.566886 loss\_iou: 0.223540 loss\_l1: 0.000000 size: 576.000000 eta: 2:27:13 batch\_cost: 0.2263 data\_cost: 0.1478 ips: 8.8373 images/s

[03/14 02:48:22] ppdet.engine INFO: Epoch: [72] [1300/1381] learning\_rate: 0.000087 loss: 2.053943 loss\_cls: 0.341243 loss\_obj: 0.619450 loss\_iou: 0.211269 loss\_l1: 0.000000 size: 672.000000 eta: 2:22:00 batch\_cost: 0.2310 data\_cost: 0.1537 ips: 8.6583 images/s

[03/14 02:54:02] ppdet.engine INFO: Epoch: [73] [1300/1381] learning\_rate: 0.000086 loss: 1.947475 loss\_cls: 0.339439 loss\_obj: 0.548459 loss\_iou: 0.209998 loss\_l1: 0.000000 size: 672.000000 eta: 2:16:47 batch\_cost: 0.2330 data\_cost: 0.1551 ips: 8.5827 images/s

[03/14 02:59:40] ppdet.engine INFO: Epoch: [74] [1300/1381] learning\_rate: 0.000086 loss: 2.036313 loss\_cls: 0.341381 loss\_obj: 0.581651 loss\_iou: 0.216960 loss\_l1: 0.000000 size: 608.000000 eta: 2:11:33 batch\_cost: 0.2257 data\_cost: 0.1484 ips: 8.8610 images/s

[03/14 03:05:19] ppdet.engine INFO: Epoch: [75] [1300/1381] learning\_rate: 0.000086 loss: 2.185244 loss\_cls: 0.366253 loss\_obj: 0.633950 loss\_iou: 0.239091 loss\_l1: 0.000000 size: 704.000000 eta: 2:06:19 batch\_cost: 0.2326 data\_cost: 0.1561 ips: 8.5968 images/s

[03/14 03:10:58] ppdet.engine INFO: Epoch: [76] [1300/1381] learning\_rate: 0.000085 loss: 1.994072 loss\_cls: 0.336626 loss\_obj: 0.570993 loss\_iou: 0.207568 loss\_l1: 0.000000 size: 640.000000 eta: 2:01:05 batch\_cost: 0.2342 data\_cost: 0.1568 ips: 8.5384 images/s

[03/14 03:16:39] ppdet.engine INFO: Epoch: [77] [1300/1381] learning\_rate: 0.000085 loss: 2.164590 loss\_cls: 0.358599 loss\_obj: 0.650447 loss\_iou: 0.230028 loss\_l1: 0.000000 size: 576.000000 eta: 1:55:52 batch\_cost: 0.2321 data\_cost: 0.1548 ips: 8.6170 images/s

[03/14 03:22:18] ppdet.engine INFO: Epoch: [78] [1300/1381] learning\_rate: 0.000085 loss: 1.808027 loss\_cls: 0.327140 loss\_obj: 0.505501 loss\_iou: 0.199496 loss\_l1: 0.000000 size: 608.000000 eta: 1:50:38 batch\_cost: 0.2375 data\_cost: 0.1621 ips: 8.4222 images/s

[03/14 03:27:57] ppdet.engine INFO: Epoch: [79] [1300/1381] learning\_rate: 0.000084 loss: 1.985421 loss\_cls: 0.325973 loss\_obj: 0.598732 loss\_iou: 0.198540 loss\_l1: 0.000000 size: 592.000000 eta: 1:45:23 batch\_cost: 0.2289 data\_cost: 0.1507 ips: 8.7370 images/s

[03/14 03:33:44] ppdet.engine INFO: Epoch: [80] [1300/1381] learning\_rate: 0.000084 loss: 1.919867 loss\_cls: 0.335644 loss\_obj: 0.540688 loss\_iou: 0.209424 loss\_l1: 0.000000 size: 640.000000 eta: 1:40:08 batch\_cost: 0.2233 data\_cost: 0.1467 ips: 8.9572 images/s

[03/14 03:39:18] ppdet.engine INFO: Epoch: [81] [1300/1381] learning\_rate: 0.000083 loss: 1.954753 loss\_cls: 0.342238 loss\_obj: 0.532879 loss\_iou: 0.209080 loss\_l1: 0.000000 size: 576.000000 eta: 1:34:52 batch\_cost: 0.2198 data\_cost: 0.1440 ips: 9.0997 images/s

[03/14 03:44:54] ppdet.engine INFO: Epoch: [82] [1300/1381] learning\_rate: 0.000083 loss: 1.931609 loss\_cls: 0.351699 loss\_obj: 0.544007 loss\_iou: 0.216467 loss\_l1: 0.000000 size: 592.000000 eta: 1:29:37 batch\_cost: 0.2303 data\_cost: 0.1532 ips: 8.6828 images/s

[03/14 03:50:28] ppdet.engine INFO: Epoch: [83] [1300/1381] learning\_rate: 0.000083 loss: 1.941386 loss\_cls: 0.342325 loss\_obj: 0.491770 loss\_iou: 0.213998 loss\_l1: 0.000000 size: 608.000000 eta: 1:24:22 batch\_cost: 0.2234 data\_cost: 0.1421 ips: 8.9512 images/s

[03/14 03:56:04] ppdet.engine INFO: Epoch: [84] [1300/1381] learning\_rate: 0.000082 loss: 1.901273 loss\_cls: 0.337992 loss\_obj: 0.474925 loss\_iou: 0.207212 loss\_l1: 0.000000 size: 576.000000 eta: 1:19:06 batch\_cost: 0.2255 data\_cost: 0.1496 ips: 8.8702 images/s

[03/14 04:01:40] ppdet.engine INFO: Epoch: [85] [1300/1381] learning\_rate: 0.000082 loss: 1.828429 loss\_cls: 0.314154 loss\_obj: 0.524166 loss\_iou: 0.199345 loss\_l1: 0.000000 size: 704.000000 eta: 1:13:51 batch\_cost: 0.2340 data\_cost: 0.1562 ips: 8.5487 images/s

[03/14 04:07:15] ppdet.engine INFO: Epoch: [86] [1300/1381] learning\_rate: 0.000081 loss: 1.845453 loss\_cls: 0.332153 loss\_obj: 0.478072 loss\_iou: 0.204613 loss\_l1: 0.000000 size: 576.000000 eta: 1:08:36 batch\_cost: 0.2254 data\_cost: 0.1471 ips: 8.8742 images/s

[03/14 04:12:49] ppdet.engine INFO: Epoch: [87] [1300/1381] learning\_rate: 0.000081 loss: 1.822269 loss\_cls: 0.332181 loss\_obj: 0.487961 loss\_iou: 0.201762 loss\_l1: 0.000000 size: 624.000000 eta: 1:03:21 batch\_cost: 0.2255 data\_cost: 0.1482 ips: 8.8695 images/s

[03/14 04:18:23] ppdet.engine INFO: Epoch: [88] [1300/1381] learning\_rate: 0.000080 loss: 1.848336 loss\_cls: 0.328484 loss\_obj: 0.518368 loss\_iou: 0.204487 loss\_l1: 0.000000 size: 688.000000 eta: 0:58:05 batch\_cost: 0.2307 data\_cost: 0.1496 ips: 8.6692 images/s

[03/14 04:23:58] ppdet.engine INFO: Epoch: [89] [1300/1381] learning\_rate: 0.000080 loss: 1.812275 loss\_cls: 0.332605 loss\_obj: 0.441105 loss\_iou: 0.203485 loss\_l1: 0.000000 size: 624.000000 eta: 0:52:50 batch\_cost: 0.2396 data\_cost: 0.1616 ips: 8.3481 images/s

[03/14 04:29:47] ppdet.engine INFO: Epoch: [90] [1300/1381] learning\_rate: 0.000080 loss: 1.931888 loss\_cls: 0.345129 loss\_obj: 0.551324 loss\_iou: 0.217598 loss\_l1: 0.000000 size: 672.000000 eta: 0:47:35 batch\_cost: 0.2286 data\_cost: 0.1508 ips: 8.7479 images/s

[03/14 04:35:24] ppdet.engine INFO: Epoch: [91] [1300/1381] learning\_rate: 0.000079 loss: 1.906352 loss\_cls: 0.330102 loss\_obj: 0.474819 loss\_iou: 0.208821 loss\_l1: 0.000000 size: 608.000000 eta: 0:42:20 batch\_cost: 0.2351 data\_cost: 0.1527 ips: 8.5067 images/s

[03/14 04:41:02] ppdet.engine INFO: Epoch: [92] [1300/1381] learning\_rate: 0.000079 loss: 1.842297 loss\_cls: 0.333428 loss\_obj: 0.480751 loss\_iou: 0.206992 loss\_l1: 0.000000 size: 736.000000 eta: 0:37:05 batch\_cost: 0.2301 data\_cost: 0.1482 ips: 8.6925 images/s

[03/14 04:46:37] ppdet.engine INFO: Epoch: [93] [1300/1381] learning\_rate: 0.000078 loss: 1.933778 loss\_cls: 0.338654 loss\_obj: 0.546133 loss\_iou: 0.207404 loss\_l1: 0.000000 size: 672.000000 eta: 0:31:50 batch\_cost: 0.2302 data\_cost: 0.1519 ips: 8.6886 images/s

[03/14 04:52:13] ppdet.engine INFO: Epoch: [94] [1300/1381] learning\_rate: 0.000078 loss: 1.831803 loss\_cls: 0.333856 loss\_obj: 0.512931 loss\_iou: 0.205420 loss\_l1: 0.000000 size: 544.000000 eta: 0:26:34 batch\_cost: 0.2312 data\_cost: 0.1519 ips: 8.6521 images/s

[03/14 04:57:54] ppdet.engine INFO: Epoch: [95] [1300/1381] learning\_rate: 0.000077 loss: 1.816892 loss\_cls: 0.325765 loss\_obj: 0.466367 loss\_iou: 0.197144 loss\_l1: 0.000000 size: 640.000000 eta: 0:21:19 batch\_cost: 0.2532 data\_cost: 0.1698 ips: 7.8984 images/s

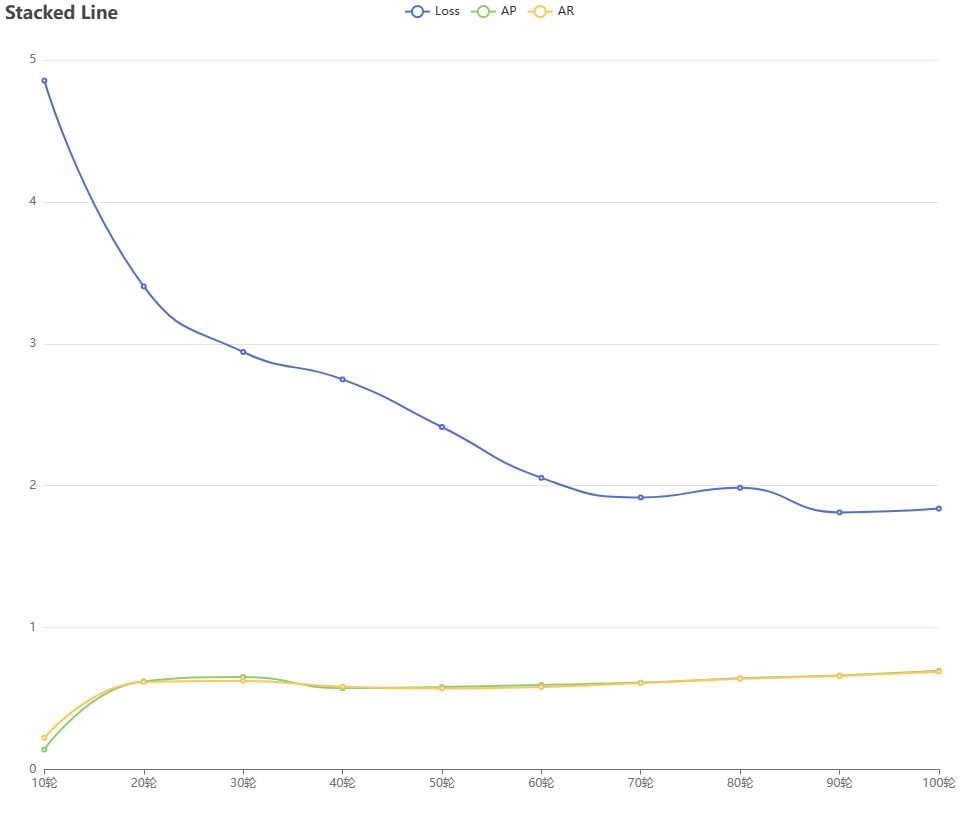
Found inf or nan, current scale is: 8192.0, decrease to: 8192.0\*0.5

[03/14 05:03:52] ppdet.engine INFO: Epoch: [96] [1300/1381] learning\_rate: 0.000077 loss: 1.762579 loss\_cls: 0.324229 loss\_obj: 0.449900 loss\_iou: 0.204872 loss\_l1: 0.000000 size: 608.000000 eta: 0:16:05 batch\_cost: 0.2535 data\_cost: 0.1717 ips: 7.8893 images/s

[03/14 05:09:49] ppdet.engine INFO: Epoch: [97] [1300/1381] learning\_rate: 0.000076 loss: 1.775016 loss\_cls: 0.311616 loss\_obj: 0.466642 loss\_iou: 0.189050 loss\_l1: 0.000000 size: 624.000000 eta: 0:10:50 batch\_cost: 0.2416 data\_cost: 0.1631 ips: 8.2794 images/s

[03/14 05:15:44] ppdet.engine INFO: Epoch: [98] [1300/1381] learning\_rate: 0.000076 loss: 2.003963 loss\_cls: 0.341060 loss\_obj: 0.590935 loss\_iou: 0.211383 loss\_l1: 0.000000 size: 672.000000 eta: 0:05:34 batch\_cost: 0.2476 data\_cost: 0.1669 ips: 8.0776 images/s

[03/14 05:21:39] ppdet.engine INFO: Epoch: [99] [1300/1381] learning\_rate: 0.000076 loss: 1.839019 loss\_cls: 0.328708 loss\_obj: 0.513020 loss\_iou: 0.203392 loss\_l1: 0.000000 size: 688.000000 eta: 0:00:18 batch\_cost: 0.2438 data\_cost: 0.1567 ips: 8.2031 images/s



##### 1.5.1.6 CSPDarkNet+PAN+YOLOXHead-8

[03/17 11:41:41] ppdet.engine INFO: Epoch: [0] [300/345] learning\_rate: 0.000302 loss: 11.981159 loss\_cls: 1.862314 loss\_obj: 6.591694 loss\_iou: 0.714952 loss\_l1: 0.000000 size: 608.000000 eta: 10:36:34 batch\_cost: 1.1305 data\_cost: 0.9594 ips: 7.0766 images/s

[03/17 11:48:19] ppdet.engine INFO: Epoch: [1] [300/345] learning\_rate: 0.001398 loss: 8.650394 loss\_cls: 0.742744 loss\_obj: 4.717830 loss\_iou: 0.633263 loss\_l1: 0.000000 size: 672.000000 eta: 10:36:12 batch\_cost: 1.1412 data\_cost: 0.9565 ips: 7.0099 images/s

[03/17 11:54:55] ppdet.engine INFO: Epoch: [2] [300/345] learning\_rate: 0.003294 loss: 6.590423 loss\_cls: 0.658298 loss\_obj: 3.102215 loss\_iou: 0.561980 loss\_l1: 0.000000 size: 640.000000 eta: 10:30:11 batch\_cost: 1.1191 data\_cost: 0.9392 ips: 7.1486 images/s

[03/17 12:01:33] ppdet.engine INFO: Epoch: [3] [300/345] learning\_rate: 0.005989 loss: 5.730517 loss\_cls: 0.627243 loss\_obj: 2.515525 loss\_iou: 0.514112 loss\_l1: 0.000000 size: 688.000000 eta: 10:25:17 batch\_cost: 1.1495 data\_cost: 0.9628 ips: 6.9593 images/s

[03/17 12:08:11] ppdet.engine INFO: Epoch: [4] [300/345] learning\_rate: 0.009485 loss: 5.271168 loss\_cls: 0.610938 loss\_obj: 2.166840 loss\_iou: 0.491409 loss\_l1: 0.000000 size: 544.000000 eta: 10:19:23 batch\_cost: 1.1459 data\_cost: 0.9827 ips: 6.9811 images/s

[03/17 12:14:50] ppdet.engine INFO: Epoch: [5] [300/345] learning\_rate: 0.010000 loss: 4.739250 loss\_cls: 0.578299 loss\_obj: 1.911305 loss\_iou: 0.454182 loss\_l1: 0.000000 size: 608.000000 eta: 10:13:31 batch\_cost: 1.1431 data\_cost: 0.9600 ips: 6.9984 images/s

[03/17 12:21:28] ppdet.engine INFO: Epoch: [6] [300/345] learning\_rate: 0.009999 loss: 4.474956 loss\_cls: 0.567714 loss\_obj: 1.751187 loss\_iou: 0.439883 loss\_l1: 0.000000 size: 576.000000 eta: 10:07:15 batch\_cost: 1.1375 data\_cost: 0.9638 ips: 7.0330 images/s

[03/17 12:28:04] ppdet.engine INFO: Epoch: [7] [300/345] learning\_rate: 0.009998 loss: 4.223627 loss\_cls: 0.541336 loss\_obj: 1.616252 loss\_iou: 0.408598 loss\_l1: 0.000000 size: 592.000000 eta: 10:00:25 batch\_cost: 1.1402 data\_cost: 0.9691 ips: 7.0166 images/s

[03/17 12:34:39] ppdet.engine INFO: Epoch: [8] [300/345] learning\_rate: 0.009996 loss: 4.043760 loss\_cls: 0.529340 loss\_obj: 1.513953 loss\_iou: 0.393977 loss\_l1: 0.000000 size: 704.000000 eta: 9:53:42 batch\_cost: 1.1382 data\_cost: 0.9533 ips: 7.0285 images/s

[03/17 12:41:16] ppdet.engine INFO: Epoch: [9] [300/345] learning\_rate: 0.009993 loss: 3.871939 loss\_cls: 0.518558 loss\_obj: 1.429498 loss\_iou: 0.385746 loss\_l1: 0.000000 size: 640.000000 eta: 9:47:18 batch\_cost: 1.1228 data\_cost: 0.9411 ips: 7.1253 images/s

[03/17 12:48:11] ppdet.engine INFO: Epoch: [10] [300/345] learning\_rate: 0.009990 loss: 3.744486 loss\_cls: 0.505984 loss\_obj: 1.368336 loss\_iou: 0.371453 loss\_l1: 0.000000 size: 640.000000 eta: 9:40:18 batch\_cost: 1.1396 data\_cost: 0.9651 ips: 7.0197 images/s

[03/17 12:54:38] ppdet.engine INFO: Epoch: [11] [300/345] learning\_rate: 0.009986 loss: 3.645594 loss\_cls: 0.494172 loss\_obj: 1.336877 loss\_iou: 0.359790 loss\_l1: 0.000000 size: 560.000000 eta: 9:32:42 batch\_cost: 1.0956 data\_cost: 0.9235 ips: 7.3016 images/s

[03/17 13:00:57] ppdet.engine INFO: Epoch: [12] [300/345] learning\_rate: 0.009981 loss: 3.467942 loss\_cls: 0.497937 loss\_obj: 1.207780 loss\_iou: 0.363154 loss\_l1: 0.000000 size: 640.000000 eta: 9:24:20 batch\_cost: 1.0778 data\_cost: 0.9073 ips: 7.4227 images/s

[03/17 13:07:15] ppdet.engine INFO: Epoch: [13] [300/345] learning\_rate: 0.009976 loss: 3.447897 loss\_cls: 0.486587 loss\_obj: 1.198806 loss\_iou: 0.350368 loss\_l1: 0.000000 size: 672.000000 eta: 9:16:14 batch\_cost: 1.0980 data\_cost: 0.9193 ips: 7.2858 images/s

[03/17 13:13:30] ppdet.engine INFO: Epoch: [14] [300/345] learning\_rate: 0.009971 loss: 3.341132 loss\_cls: 0.478885 loss\_obj: 1.135224 loss\_iou: 0.339910 loss\_l1: 0.000000 size: 512.000000 eta: 9:08:01 batch\_cost: 1.0654 data\_cost: 0.9035 ips: 7.5088 images/s

[03/17 13:19:48] ppdet.engine INFO: Epoch: [15] [300/345] learning\_rate: 0.009965 loss: 3.340206 loss\_cls: 0.479666 loss\_obj: 1.128373 loss\_iou: 0.337554 loss\_l1: 0.000000 size: 640.000000 eta: 9:00:25 batch\_cost: 1.0806 data\_cost: 0.9057 ips: 7.4036 images/s

[03/17 13:26:01] ppdet.engine INFO: Epoch: [16] [300/345] learning\_rate: 0.009958 loss: 3.225507 loss\_cls: 0.470786 loss\_obj: 1.077250 loss\_iou: 0.333876 loss\_l1: 0.000000 size: 640.000000 eta: 8:52:30 batch\_cost: 1.0668 data\_cost: 0.8984 ips: 7.4990 images/s

[03/17 13:32:17] ppdet.engine INFO: Epoch: [17] [300/345] learning\_rate: 0.009951 loss: 3.203514 loss\_cls: 0.466608 loss\_obj: 1.081962 loss\_iou: 0.332271 loss\_l1: 0.000000 size: 656.000000 eta: 8:45:02 batch\_cost: 1.0888 data\_cost: 0.9144 ips: 7.3478 images/s

[03/17 13:38:31] ppdet.engine INFO: Epoch: [18] [300/345] learning\_rate: 0.009943 loss: 3.147506 loss\_cls: 0.465558 loss\_obj: 1.016394 loss\_iou: 0.333128 loss\_l1: 0.000000 size: 528.000000 eta: 8:37:35 batch\_cost: 1.0679 data\_cost: 0.9047 ips: 7.4911 images/s

[03/17 13:44:47] ppdet.engine INFO: Epoch: [19] [300/345] learning\_rate: 0.009934 loss: 3.026401 loss\_cls: 0.458918 loss\_obj: 0.933269 loss\_iou: 0.320330 loss\_l1: 0.000000 size: 512.000000 eta: 8:30:22 batch\_cost: 1.0829 data\_cost: 0.9259 ips: 7.3878 images/s

[03/17 13:51:19] ppdet.engine INFO: Epoch: [20] [300/345] learning\_rate: 0.009925 loss: 2.966184 loss\_cls: 0.444672 loss\_obj: 0.995679 loss\_iou: 0.309707 loss\_l1: 0.000000 size: 704.000000 eta: 8:23:09 batch\_cost: 1.0807 data\_cost: 0.9050 ips: 7.4026 images/s

[03/17 13:57:37] ppdet.engine INFO: Epoch: [21] [300/345] learning\_rate: 0.009915 loss: 2.914717 loss\_cls: 0.443775 loss\_obj: 0.984255 loss\_iou: 0.304135 loss\_l1: 0.000000 size: 704.000000 eta: 8:16:16 batch\_cost: 1.0906 data\_cost: 0.9085 ips: 7.3354 images/s

[03/17 14:03:54] ppdet.engine INFO: Epoch: [22] [300/345] learning\_rate: 0.009905 loss: 2.960253 loss\_cls: 0.449319 loss\_obj: 0.990413 loss\_iou: 0.309443 loss\_l1: 0.000000 size: 688.000000 eta: 8:09:23 batch\_cost: 1.0992 data\_cost: 0.9158 ips: 7.2779 images/s

[03/17 14:10:19] ppdet.engine INFO: Epoch: [23] [300/345] learning\_rate: 0.009894 loss: 2.821157 loss\_cls: 0.435674 loss\_obj: 0.874376 loss\_iou: 0.296948 loss\_l1: 0.000000 size: 640.000000 eta: 8:02:57 batch\_cost: 1.0791 data\_cost: 0.9066 ips: 7.4134 images/s

[03/17 14:16:42] ppdet.engine INFO: Epoch: [24] [300/345] learning\_rate: 0.009882 loss: 2.885117 loss\_cls: 0.432153 loss\_obj: 0.948752 loss\_iou: 0.298748 loss\_l1: 0.000000 size: 704.000000 eta: 7:56:27 batch\_cost: 1.0891 data\_cost: 0.9050 ips: 7.3455 images/s

[03/17 14:23:06] ppdet.engine INFO: Epoch: [25] [300/345] learning\_rate: 0.009870 loss: 2.814685 loss\_cls: 0.431257 loss\_obj: 0.906939 loss\_iou: 0.292262 loss\_l1: 0.000000 size: 720.000000 eta: 7:50:00 batch\_cost: 1.1035 data\_cost: 0.9215 ips: 7.2494 images/s

[03/17 14:29:30] ppdet.engine INFO: Epoch: [26] [300/345] learning\_rate: 0.009858 loss: 2.919466 loss\_cls: 0.442226 loss\_obj: 0.947810 loss\_iou: 0.303193 loss\_l1: 0.000000 size: 624.000000 eta: 7:43:34 batch\_cost: 1.0989 data\_cost: 0.9223 ips: 7.2799 images/s

[03/17 14:35:52] ppdet.engine INFO: Epoch: [27] [300/345] learning\_rate: 0.009844 loss: 2.746325 loss\_cls: 0.424495 loss\_obj: 0.856319 loss\_iou: 0.285408 loss\_l1: 0.000000 size: 704.000000 eta: 7:37:04 batch\_cost: 1.0844 data\_cost: 0.9021 ips: 7.3775 images/s

[03/17 14:42:13] ppdet.engine INFO: Epoch: [28] [300/345] learning\_rate: 0.009831 loss: 2.808275 loss\_cls: 0.422520 loss\_obj: 0.891178 loss\_iou: 0.288813 loss\_l1: 0.000000 size: 640.000000 eta: 7:30:34 batch\_cost: 1.0835 data\_cost: 0.9048 ips: 7.3833 images/s

[03/17 14:48:38] ppdet.engine INFO: Epoch: [29] [300/345] learning\_rate: 0.009816 loss: 2.645694 loss\_cls: 0.418895 loss\_obj: 0.793341 loss\_iou: 0.285408 loss\_l1: 0.000000 size: 608.000000 eta: 7:24:11 batch\_cost: 1.0797 data\_cost: 0.9138 ips: 7.4094 images/s

[03/17 14:55:09] ppdet.engine INFO: Epoch: [30] [300/345] learning\_rate: 0.009801 loss: 2.641235 loss\_cls: 0.418643 loss\_obj: 0.832141 loss\_iou: 0.282014 loss\_l1: 0.000000 size: 672.000000 eta: 7:17:28 batch\_cost: 1.0746 data\_cost: 0.8941 ips: 7.4445 images/s

[03/17 15:01:35] ppdet.engine INFO: Epoch: [31] [300/345] learning\_rate: 0.009786 loss: 2.680083 loss\_cls: 0.411521 loss\_obj: 0.834093 loss\_iou: 0.276714 loss\_l1: 0.000000 size: 640.000000 eta: 7:11:09 batch\_cost: 1.1027 data\_cost: 0.9322 ips: 7.2552 images/s

[03/17 15:07:59] ppdet.engine INFO: Epoch: [32] [300/345] learning\_rate: 0.009770 loss: 2.638024 loss\_cls: 0.419173 loss\_obj: 0.829875 loss\_iou: 0.280548 loss\_l1: 0.000000 size: 656.000000 eta: 7:04:47 batch\_cost: 1.0975 data\_cost: 0.9190 ips: 7.2894 images/s

[03/17 15:14:22] ppdet.engine INFO: Epoch: [33] [300/345] learning\_rate: 0.009753 loss: 2.553289 loss\_cls: 0.413816 loss\_obj: 0.764625 loss\_iou: 0.272875 loss\_l1: 0.000000 size: 672.000000 eta: 6:58:24 batch\_cost: 1.0815 data\_cost: 0.9040 ips: 7.3973 images/s

[03/17 15:20:45] ppdet.engine INFO: Epoch: [34] [300/345] learning\_rate: 0.009736 loss: 2.679521 loss\_cls: 0.428093 loss\_obj: 0.822713 loss\_iou: 0.288066 loss\_l1: 0.000000 size: 672.000000 eta: 6:52:00 batch\_cost: 1.0815 data\_cost: 0.9029 ips: 7.3973 images/s

[03/17 15:27:08] ppdet.engine INFO: Epoch: [35] [300/345] learning\_rate: 0.009718 loss: 2.611338 loss\_cls: 0.420351 loss\_obj: 0.784190 loss\_iou: 0.279167 loss\_l1: 0.000000 size: 720.000000 eta: 6:45:37 batch\_cost: 1.0975 data\_cost: 0.9148 ips: 7.2896 images/s

[03/17 15:33:39] ppdet.engine INFO: Epoch: [36] [300/345] learning\_rate: 0.009700 loss: 2.465850 loss\_cls: 0.399017 loss\_obj: 0.770432 loss\_iou: 0.262173 loss\_l1: 0.000000 size: 640.000000 eta: 6:39:27 batch\_cost: 1.1130 data\_cost: 0.9291 ips: 7.1878 images/s

[03/17 15:40:17] ppdet.engine INFO: Epoch: [37] [300/345] learning\_rate: 0.009681 loss: 2.547202 loss\_cls: 0.406616 loss\_obj: 0.774921 loss\_iou: 0.265496 loss\_l1: 0.000000 size: 608.000000 eta: 6:33:28 batch\_cost: 1.1296 data\_cost: 0.9556 ips: 7.0820 images/s

[03/17 15:46:56] ppdet.engine INFO: Epoch: [38] [300/345] learning\_rate: 0.009661 loss: 2.483534 loss\_cls: 0.405130 loss\_obj: 0.755594 loss\_iou: 0.267693 loss\_l1: 0.000000 size: 592.000000 eta: 6:27:29 batch\_cost: 1.1124 data\_cost: 0.9372 ips: 7.1916 images/s

[03/17 15:53:34] ppdet.engine INFO: Epoch: [39] [300/345] learning\_rate: 0.009641 loss: 2.555288 loss\_cls: 0.410396 loss\_obj: 0.788118 loss\_iou: 0.271204 loss\_l1: 0.000000 size: 656.000000 eta: 6:21:27 batch\_cost: 1.1429 data\_cost: 0.9642 ips: 6.9996 images/s

[03/17 16:00:28] ppdet.engine INFO: Epoch: [40] [300/345] learning\_rate: 0.009620 loss: 2.479915 loss\_cls: 0.396998 loss\_obj: 0.788333 loss\_iou: 0.262010 loss\_l1: 0.000000 size: 608.000000 eta: 6:15:21 batch\_cost: 1.1587 data\_cost: 0.9868 ips: 6.9040 images/s

Found inf or nan, current scale is: 65536.0, decrease to: 65536.0\*0.5

[03/17 16:07:03] ppdet.engine INFO: Epoch: [41] [300/345] learning\_rate: 0.009599 loss: 2.420363 loss\_cls: 0.386903 loss\_obj: 0.741816 loss\_iou: 0.250822 loss\_l1: 0.000000 size: 752.000000 eta: 6:09:12 batch\_cost: 1.1252 data\_cost: 0.9317 ips: 7.1099 images/s

[03/17 16:13:43] ppdet.engine INFO: Epoch: [42] [300/345] learning\_rate: 0.009578 loss: 2.551403 loss\_cls: 0.403074 loss\_obj: 0.799658 loss\_iou: 0.264596 loss\_l1: 0.000000 size: 592.000000 eta: 6:03:08 batch\_cost: 1.1599 data\_cost: 0.9835 ips: 6.8974 images/s

[03/17 16:20:19] ppdet.engine INFO: Epoch: [43] [300/345] learning\_rate: 0.009555 loss: 2.435863 loss\_cls: 0.394793 loss\_obj: 0.755198 loss\_iou: 0.263083 loss\_l1: 0.000000 size: 624.000000 eta: 5:56:59 batch\_cost: 1.1311 data\_cost: 0.9518 ips: 7.0729 images/s

[03/17 16:26:58] ppdet.engine INFO: Epoch: [44] [300/345] learning\_rate: 0.009533 loss: 2.552592 loss\_cls: 0.403966 loss\_obj: 0.833802 loss\_iou: 0.267706 loss\_l1: 0.000000 size: 720.000000 eta: 5:50:52 batch\_cost: 1.1481 data\_cost: 0.9644 ips: 6.9682 images/s

[03/17 16:33:35] ppdet.engine INFO: Epoch: [45] [300/345] learning\_rate: 0.009509 loss: 2.455286 loss\_cls: 0.394498 loss\_obj: 0.745161 loss\_iou: 0.260338 loss\_l1: 0.000000 size: 608.000000 eta: 5:44:41 batch\_cost: 1.1485 data\_cost: 0.9684 ips: 6.9656 images/s

[03/17 16:40:10] ppdet.engine INFO: Epoch: [46] [300/345] learning\_rate: 0.009485 loss: 2.378259 loss\_cls: 0.392186 loss\_obj: 0.660701 loss\_iou: 0.253649 loss\_l1: 0.000000 size: 672.000000 eta: 5:38:27 batch\_cost: 1.1038 data\_cost: 0.9269 ips: 7.2474 images/s

[03/17 16:46:48] ppdet.engine INFO: Epoch: [47] [300/345] learning\_rate: 0.009461 loss: 2.401346 loss\_cls: 0.393547 loss\_obj: 0.720684 loss\_iou: 0.259036 loss\_l1: 0.000000 size: 672.000000 eta: 5:32:16 batch\_cost: 1.1391 data\_cost: 0.9605 ips: 7.0230 images/s

[03/17 16:53:23] ppdet.engine INFO: Epoch: [48] [300/345] learning\_rate: 0.009436 loss: 2.448275 loss\_cls: 0.389862 loss\_obj: 0.773599 loss\_iou: 0.252918 loss\_l1: 0.000000 size: 704.000000 eta: 5:26:00 batch\_cost: 1.1102 data\_cost: 0.9209 ips: 7.2057 images/s

[03/17 17:00:02] ppdet.engine INFO: Epoch: [49] [300/345] learning\_rate: 0.009411 loss: 2.338065 loss\_cls: 0.390121 loss\_obj: 0.684246 loss\_iou: 0.250402 loss\_l1: 0.000000 size: 688.000000 eta: 5:19:48 batch\_cost: 1.1480 data\_cost: 0.9616 ips: 6.9687 images/s

[03/17 17:06:43] ppdet.engine INFO: Epoch: [50] [300/345] learning\_rate: 0.009385 loss: 2.331153 loss\_cls: 0.386661 loss\_obj: 0.700611 loss\_iou: 0.251370 loss\_l1: 0.000000 size: 640.000000 eta: 5:13:20 batch\_cost: 1.0806 data\_cost: 0.9089 ips: 7.4033 images/s

[03/17 17:13:08] ppdet.engine INFO: Epoch: [51] [300/345] learning\_rate: 0.009358 loss: 2.352803 loss\_cls: 0.388308 loss\_obj: 0.688649 loss\_iou: 0.256573 loss\_l1: 0.000000 size: 640.000000 eta: 5:06:54 batch\_cost: 1.1065 data\_cost: 0.9345 ips: 7.2303 images/s

[03/17 17:19:35] ppdet.engine INFO: Epoch: [52] [300/345] learning\_rate: 0.009331 loss: 2.408892 loss\_cls: 0.386592 loss\_obj: 0.704647 loss\_iou: 0.251014 loss\_l1: 0.000000 size: 640.000000 eta: 5:00:31 batch\_cost: 1.1298 data\_cost: 0.9542 ips: 7.0811 images/s

[03/17 17:26:13] ppdet.engine INFO: Epoch: [53] [300/345] learning\_rate: 0.009304 loss: 2.358284 loss\_cls: 0.384154 loss\_obj: 0.683326 loss\_iou: 0.246106 loss\_l1: 0.000000 size: 688.000000 eta: 4:54:16 batch\_cost: 1.1208 data\_cost: 0.9360 ips: 7.1375 images/s

[03/17 17:32:52] ppdet.engine INFO: Epoch: [54] [300/345] learning\_rate: 0.009276 loss: 2.375191 loss\_cls: 0.388685 loss\_obj: 0.693285 loss\_iou: 0.252353 loss\_l1: 0.000000 size: 736.000000 eta: 4:48:02 batch\_cost: 1.1934 data\_cost: 0.9987 ips: 6.7034 images/s

[03/17 17:39:31] ppdet.engine INFO: Epoch: [55] [300/345] learning\_rate: 0.009247 loss: 2.299835 loss\_cls: 0.379413 loss\_obj: 0.689177 loss\_iou: 0.247850 loss\_l1: 0.000000 size: 640.000000 eta: 4:41:47 batch\_cost: 1.1539 data\_cost: 0.9744 ips: 6.9328 images/s

[03/17 17:46:15] ppdet.engine INFO: Epoch: [56] [300/345] learning\_rate: 0.009218 loss: 2.243495 loss\_cls: 0.375119 loss\_obj: 0.633806 loss\_iou: 0.241273 loss\_l1: 0.000000 size: 608.000000 eta: 4:35:35 batch\_cost: 1.1327 data\_cost: 0.9547 ips: 7.0630 images/s

[03/17 17:52:55] ppdet.engine INFO: Epoch: [57] [300/345] learning\_rate: 0.009189 loss: 2.267797 loss\_cls: 0.382142 loss\_obj: 0.680770 loss\_iou: 0.244541 loss\_l1: 0.000000 size: 560.000000 eta: 4:29:20 batch\_cost: 1.1446 data\_cost: 0.9649 ips: 6.9892 images/s

[03/17 17:59:33] ppdet.engine INFO: Epoch: [58] [300/345] learning\_rate: 0.009158 loss: 2.214237 loss\_cls: 0.375630 loss\_obj: 0.635691 loss\_iou: 0.242513 loss\_l1: 0.000000 size: 704.000000 eta: 4:23:03 batch\_cost: 1.1442 data\_cost: 0.9599 ips: 6.9920 images/s

[03/17 18:06:09] ppdet.engine INFO: Epoch: [59] [300/345] learning\_rate: 0.009128 loss: 2.313111 loss\_cls: 0.389637 loss\_obj: 0.687151 loss\_iou: 0.253807 loss\_l1: 0.000000 size: 640.000000 eta: 4:16:43 batch\_cost: 1.1221 data\_cost: 0.9413 ips: 7.1296 images/s

[03/17 18:12:58] ppdet.engine INFO: Epoch: [60] [300/345] learning\_rate: 0.009097 loss: 2.322260 loss\_cls: 0.388049 loss\_obj: 0.674256 loss\_iou: 0.252781 loss\_l1: 0.000000 size: 656.000000 eta: 4:10:20 batch\_cost: 1.1495 data\_cost: 0.9646 ips: 6.9595 images/s

[03/17 18:19:43] ppdet.engine INFO: Epoch: [61] [300/345] learning\_rate: 0.009065 loss: 2.160446 loss\_cls: 0.367315 loss\_obj: 0.641854 loss\_iou: 0.231332 loss\_l1: 0.000000 size: 672.000000 eta: 4:04:06 batch\_cost: 1.1526 data\_cost: 0.9644 ips: 6.9408 images/s

[03/17 18:26:24] ppdet.engine INFO: Epoch: [62] [300/345] learning\_rate: 0.009033 loss: 2.247876 loss\_cls: 0.376794 loss\_obj: 0.688147 loss\_iou: 0.239598 loss\_l1: 0.000000 size: 640.000000 eta: 3:57:48 batch\_cost: 1.1692 data\_cost: 0.9899 ips: 6.8422 images/s

[03/17 18:33:03] ppdet.engine INFO: Epoch: [63] [300/345] learning\_rate: 0.009001 loss: 2.172963 loss\_cls: 0.367558 loss\_obj: 0.616595 loss\_iou: 0.238174 loss\_l1: 0.000000 size: 640.000000 eta: 3:51:29 batch\_cost: 1.1423 data\_cost: 0.9712 ips: 7.0036 images/s

[03/17 18:39:38] ppdet.engine INFO: Epoch: [64] [300/345] learning\_rate: 0.008968 loss: 2.124747 loss\_cls: 0.360193 loss\_obj: 0.641654 loss\_iou: 0.229403 loss\_l1: 0.000000 size: 736.000000 eta: 3:45:07 batch\_cost: 1.0854 data\_cost: 0.9080 ips: 7.3705 images/s

[03/17 18:46:21] ppdet.engine INFO: Epoch: [65] [300/345] learning\_rate: 0.008935 loss: 2.252722 loss\_cls: 0.383555 loss\_obj: 0.634658 loss\_iou: 0.249491 loss\_l1: 0.000000 size: 672.000000 eta: 3:38:49 batch\_cost: 1.1630 data\_cost: 0.9817 ips: 6.8788 images/s

[03/17 18:53:14] ppdet.engine INFO: Epoch: [66] [300/345] learning\_rate: 0.008901 loss: 2.242457 loss\_cls: 0.374560 loss\_obj: 0.685735 loss\_iou: 0.241749 loss\_l1: 0.000000 size: 768.000000 eta: 3:32:36 batch\_cost: 1.1424 data\_cost: 0.9445 ips: 7.0027 images/s

[03/17 18:59:42] ppdet.engine INFO: Epoch: [67] [300/345] learning\_rate: 0.008866 loss: 2.135509 loss\_cls: 0.368066 loss\_obj: 0.634180 loss\_iou: 0.232757 loss\_l1: 0.000000 size: 544.000000 eta: 3:26:09 batch\_cost: 1.0859 data\_cost: 0.9199 ips: 7.3669 images/s

[03/17 19:06:04] ppdet.engine INFO: Epoch: [68] [300/345] learning\_rate: 0.008832 loss: 2.246084 loss\_cls: 0.370147 loss\_obj: 0.647493 loss\_iou: 0.242173 loss\_l1: 0.000000 size: 736.000000 eta: 3:19:41 batch\_cost: 1.1005 data\_cost: 0.9097 ips: 7.2697 images/s

[03/17 19:12:25] ppdet.engine INFO: Epoch: [69] [300/345] learning\_rate: 0.008796 loss: 2.247873 loss\_cls: 0.372048 loss\_obj: 0.654159 loss\_iou: 0.241158 loss\_l1: 0.000000 size: 608.000000 eta: 3:13:12 batch\_cost: 1.0847 data\_cost: 0.9116 ips: 7.3755 images/s

[03/17 19:18:59] ppdet.engine INFO: Epoch: [70] [300/345] learning\_rate: 0.008761 loss: 2.114878 loss\_cls: 0.360213 loss\_obj: 0.581138 loss\_iou: 0.229493 loss\_l1: 0.000000 size: 576.000000 eta: 3:06:42 batch\_cost: 1.0948 data\_cost: 0.9229 ips: 7.3073 images/s

[03/17 19:25:21] ppdet.engine INFO: Epoch: [71] [300/345] learning\_rate: 0.008725 loss: 2.116040 loss\_cls: 0.371534 loss\_obj: 0.588872 loss\_iou: 0.235805 loss\_l1: 0.000000 size: 624.000000 eta: 3:00:14 batch\_cost: 1.0994 data\_cost: 0.9237 ips: 7.2767 images/s

[03/17 19:31:42] ppdet.engine INFO: Epoch: [72] [300/345] learning\_rate: 0.008688 loss: 2.247116 loss\_cls: 0.372491 loss\_obj: 0.693607 loss\_iou: 0.237338 loss\_l1: 0.000000 size: 720.000000 eta: 2:53:46 batch\_cost: 1.0914 data\_cost: 0.9063 ips: 7.3299 images/s

[03/17 19:38:08] ppdet.engine INFO: Epoch: [73] [300/345] learning\_rate: 0.008651 loss: 2.119882 loss\_cls: 0.355524 loss\_obj: 0.622404 loss\_iou: 0.223295 loss\_l1: 0.000000 size: 608.000000 eta: 2:47:20 batch\_cost: 1.0975 data\_cost: 0.9245 ips: 7.2890 images/s

[03/17 19:44:39] ppdet.engine INFO: Epoch: [74] [300/345] learning\_rate: 0.008614 loss: 2.173035 loss\_cls: 0.365811 loss\_obj: 0.654663 loss\_iou: 0.235439 loss\_l1: 0.000000 size: 576.000000 eta: 2:40:57 batch\_cost: 1.0959 data\_cost: 0.9241 ips: 7.2998 images/s

[03/17 19:51:01] ppdet.engine INFO: Epoch: [75] [300/345] learning\_rate: 0.008576 loss: 2.187951 loss\_cls: 0.364176 loss\_obj: 0.633701 loss\_iou: 0.235153 loss\_l1: 0.000000 size: 624.000000 eta: 2:34:30 batch\_cost: 1.1080 data\_cost: 0.9353 ips: 7.2199 images/s

[03/17 19:57:22] ppdet.engine INFO: Epoch: [76] [300/345] learning\_rate: 0.008538 loss: 2.057979 loss\_cls: 0.355518 loss\_obj: 0.579693 loss\_iou: 0.224596 loss\_l1: 0.000000 size: 608.000000 eta: 2:28:03 batch\_cost: 1.0864 data\_cost: 0.9126 ips: 7.3641 images/s

[03/17 20:03:44] ppdet.engine INFO: Epoch: [77] [300/345] learning\_rate: 0.008499 loss: 2.084892 loss\_cls: 0.359139 loss\_obj: 0.566836 loss\_iou: 0.225013 loss\_l1: 0.000000 size: 608.000000 eta: 2:21:37 batch\_cost: 1.0780 data\_cost: 0.9000 ips: 7.4211 images/s

[03/17 20:10:19] ppdet.engine INFO: Epoch: [78] [300/345] learning\_rate: 0.008460 loss: 2.086146 loss\_cls: 0.355754 loss\_obj: 0.605757 loss\_iou: 0.225085 loss\_l1: 0.000000 size: 608.000000 eta: 2:15:14 batch\_cost: 1.1532 data\_cost: 0.9770 ips: 6.9372 images/s

Found inf or nan, current scale is: 65536.0, decrease to: 65536.0\*0.5

[03/17 20:16:43] ppdet.engine INFO: Epoch: [79] [300/345] learning\_rate: 0.008420 loss: 2.114357 loss\_cls: 0.364733 loss\_obj: 0.547654 loss\_iou: 0.232849 loss\_l1: 0.000000 size: 608.000000 eta: 2:08:49 batch\_cost: 1.0888 data\_cost: 0.9239 ips: 7.3477 images/s

[03/17 20:23:14] ppdet.engine INFO: Epoch: [80] [300/345] learning\_rate: 0.008380 loss: 2.030874 loss\_cls: 0.347190 loss\_obj: 0.599396 loss\_iou: 0.218605 loss\_l1: 0.000000 size: 672.000000 eta: 2:02:22 batch\_cost: 1.0799 data\_cost: 0.8967 ips: 7.4082 images/s

[03/17 20:29:33] ppdet.engine INFO: Epoch: [81] [300/345] learning\_rate: 0.008340 loss: 2.116991 loss\_cls: 0.355316 loss\_obj: 0.615483 loss\_iou: 0.226023 loss\_l1: 0.000000 size: 592.000000 eta: 1:55:56 batch\_cost: 1.0879 data\_cost: 0.9175 ips: 7.3535 images/s

[03/17 20:35:52] ppdet.engine INFO: Epoch: [82] [300/345] learning\_rate: 0.008299 loss: 1.997737 loss\_cls: 0.347527 loss\_obj: 0.560959 loss\_iou: 0.215152 loss\_l1: 0.000000 size: 592.000000 eta: 1:49:30 batch\_cost: 1.0799 data\_cost: 0.9065 ips: 7.4078 images/s

[03/17 20:42:12] ppdet.engine INFO: Epoch: [83] [300/345] learning\_rate: 0.008258 loss: 2.095311 loss\_cls: 0.353069 loss\_obj: 0.613382 loss\_iou: 0.218883 loss\_l1: 0.000000 size: 736.000000 eta: 1:43:05 batch\_cost: 1.0957 data\_cost: 0.9055 ips: 7.3012 images/s

[03/17 20:48:39] ppdet.engine INFO: Epoch: [84] [300/345] learning\_rate: 0.008217 loss: 2.171889 loss\_cls: 0.360305 loss\_obj: 0.602422 loss\_iou: 0.228269 loss\_l1: 0.000000 size: 624.000000 eta: 1:36:41 batch\_cost: 1.1590 data\_cost: 0.9810 ips: 6.9027 images/s

[03/17 20:55:21] ppdet.engine INFO: Epoch: [85] [300/345] learning\_rate: 0.008175 loss: 2.046873 loss\_cls: 0.353210 loss\_obj: 0.584819 loss\_iou: 0.220793 loss\_l1: 0.000000 size: 736.000000 eta: 1:30:19 batch\_cost: 1.0851 data\_cost: 0.8962 ips: 7.3723 images/s

[03/17 21:01:42] ppdet.engine INFO: Epoch: [86] [300/345] learning\_rate: 0.008133 loss: 2.049639 loss\_cls: 0.353022 loss\_obj: 0.566891 loss\_iou: 0.224812 loss\_l1: 0.000000 size: 592.000000 eta: 1:23:55 batch\_cost: 1.0665 data\_cost: 0.8969 ips: 7.5010 images/s

[03/17 21:08:04] ppdet.engine INFO: Epoch: [87] [300/345] learning\_rate: 0.008090 loss: 2.078066 loss\_cls: 0.353028 loss\_obj: 0.593776 loss\_iou: 0.220804 loss\_l1: 0.000000 size: 704.000000 eta: 1:17:30 batch\_cost: 1.1272 data\_cost: 0.9437 ips: 7.0970 images/s

[03/17 21:14:54] ppdet.engine INFO: Epoch: [88] [300/345] learning\_rate: 0.008048 loss: 2.020121 loss\_cls: 0.347225 loss\_obj: 0.553874 loss\_iou: 0.216558 loss\_l1: 0.000000 size: 672.000000 eta: 1:11:09 batch\_cost: 1.1307 data\_cost: 0.9477 ips: 7.0750 images/s

[03/17 21:21:52] ppdet.engine INFO: Epoch: [89] [300/345] learning\_rate: 0.008004 loss: 2.067709 loss\_cls: 0.352145 loss\_obj: 0.599938 loss\_iou: 0.220744 loss\_l1: 0.000000 size: 640.000000 eta: 1:04:49 batch\_cost: 1.1165 data\_cost: 0.9476 ips: 7.1651 images/s

[03/17 21:28:27] ppdet.engine INFO: Epoch: [90] [300/345] learning\_rate: 0.007961 loss: 2.047662 loss\_cls: 0.353554 loss\_obj: 0.563651 loss\_iou: 0.222424 loss\_l1: 0.000000 size: 640.000000 eta: 0:58:24 batch\_cost: 1.0866 data\_cost: 0.9086 ips: 7.3621 images/s

[03/17 21:34:48] ppdet.engine INFO: Epoch: [91] [300/345] learning\_rate: 0.007917 loss: 2.033772 loss\_cls: 0.348544 loss\_obj: 0.577189 loss\_iou: 0.217599 loss\_l1: 0.000000 size: 608.000000 eta: 0:51:59 batch\_cost: 1.0999 data\_cost: 0.9208 ips: 7.2731 images/s

[03/17 21:41:20] ppdet.engine INFO: Epoch: [92] [300/345] learning\_rate: 0.007873 loss: 1.999383 loss\_cls: 0.347827 loss\_obj: 0.554515 loss\_iou: 0.220009 loss\_l1: 0.000000 size: 608.000000 eta: 0:45:36 batch\_cost: 1.1701 data\_cost: 0.9923 ips: 6.8373 images/s

[03/17 21:47:43] ppdet.engine INFO: Epoch: [93] [300/345] learning\_rate: 0.007828 loss: 1.955613 loss\_cls: 0.341133 loss\_obj: 0.530328 loss\_iou: 0.208390 loss\_l1: 0.000000 size: 624.000000 eta: 0:39:12 batch\_cost: 1.0750 data\_cost: 0.8971 ips: 7.4419 images/s

[03/17 21:54:06] ppdet.engine INFO: Epoch: [94] [300/345] learning\_rate: 0.007783 loss: 2.008753 loss\_cls: 0.347315 loss\_obj: 0.554761 loss\_iou: 0.220030 loss\_l1: 0.000000 size: 656.000000 eta: 0:32:48 batch\_cost: 1.0753 data\_cost: 0.8980 ips: 7.4398 images/s

[03/17 22:00:42] ppdet.engine INFO: Epoch: [95] [300/345] learning\_rate: 0.007738 loss: 1.975910 loss\_cls: 0.340983 loss\_obj: 0.553824 loss\_iou: 0.212977 loss\_l1: 0.000000 size: 576.000000 eta: 0:26:24 batch\_cost: 1.2029 data\_cost: 1.0309 ips: 6.6508 images/s

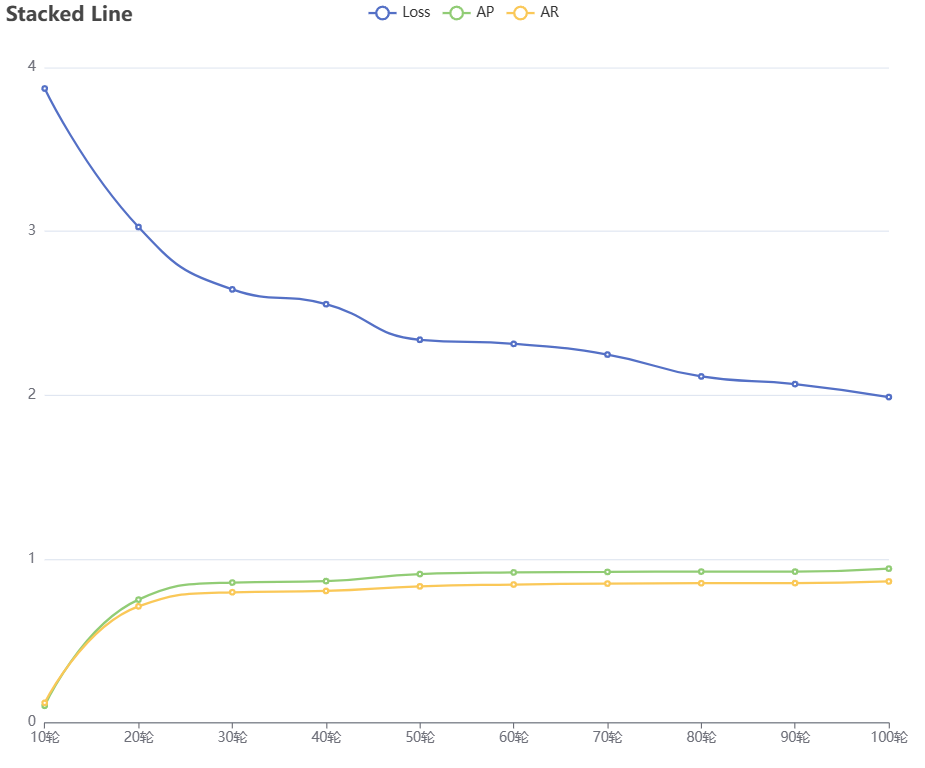
[03/17 22:07:55] ppdet.engine INFO: Epoch: [96] [300/345] learning\_rate: 0.007692 loss: 1.947225 loss\_cls: 0.339503 loss\_obj: 0.563351 loss\_iou: 0.213282 loss\_l1: 0.000000 size: 704.000000 eta: 0:20:02 batch\_cost: 1.2438 data\_cost: 1.0514 ips: 6.4320 images/s

Found inf or nan, current scale is: 65536.0, decrease to: 65536.0\*0.5

[03/17 22:14:35] ppdet.engine INFO: Epoch: [97] [300/345] learning\_rate: 0.007646 loss: 1.931880 loss\_cls: 0.339531 loss\_obj: 0.516544 loss\_iou: 0.211670 loss\_l1: 0.000000 size: 672.000000 eta: 0:13:38 batch\_cost: 1.2025 data\_cost: 1.0172 ips: 6.6531 images/s

[03/17 22:21:32] ppdet.engine INFO: Epoch: [98] [300/345] learning\_rate: 0.007600 loss: 1.905977 loss\_cls: 0.338430 loss\_obj: 0.511018 loss\_iou: 0.208785 loss\_l1: 0.000000 size: 624.000000 eta: 0:07:14 batch\_cost: 1.1871 data\_cost: 1.0078 ips: 6.7389 images/s

[03/17 22:28:19] ppdet.engine INFO: Epoch: [99] [300/345] learning\_rate: 0.007554 loss: 1.988293 loss\_cls: 0.341286 loss\_obj: 0.552208 loss\_iou: 0.212578 loss\_l1: 0.000000 size: 672.000000 eta: 0:00:50 batch\_cost: 1.1391 data\_cost: 0.9539 ips: 7.0231 images/s



##### 1.5.1.6 CSPDarkNet+PAN+YOLOXHead-4

[03/17 23:05:56] ppdet.engine INFO: Epoch: [0] [600/690] learning\_rate: 0.000030 loss: 14.987417 loss\_cls: 2.075103 loss\_obj: 9.208500 loss\_iou: 0.745241 loss\_l1: 0.000000 size: 688.000000 eta: 16:59:47 batch\_cost: 0.9347 data\_cost: 0.7647 ips: 4.2793 images/s

[03/17 23:16:44] ppdet.engine INFO: Epoch: [1] [600/690] learning\_rate: 0.000140 loss: 9.589137 loss\_cls: 1.358951 loss\_obj: 4.936719 loss\_iou: 0.661193 loss\_l1: 0.000000 size: 576.000000 eta: 16:56:20 batch\_cost: 0.9417 data\_cost: 0.7748 ips: 4.2478 images/s

[03/17 23:18:10] ppdet.engine INFO: Epoch: [2] [ 0/690] learning\_rate: 0.000160 loss: 9.188836 loss\_cls: 1.173047 loss\_obj: 4.696203 loss\_iou: 0.651109 loss\_l1: 0.000000 size: 640.000000 eta: 16:56:40 batch\_cost: 0.9242 data\_cost: 0.7558 ips: 4.3279 images/s

[03/17 23:27:04] ppdet.engine INFO: Epoch: [2] [600/690] learning\_rate: 0.000329 loss: 7.627957 loss\_cls: 0.725260 loss\_obj: 3.864573 loss\_iou: 0.592445 loss\_l1: 0.000000 size: 608.000000 eta: 16:32:45 batch\_cost: 0.7607 data\_cost: 0.6264 ips: 5.2582 images/s

[03/17 23:36:27] ppdet.engine INFO: Epoch: [3] [600/690] learning\_rate: 0.000599 loss: 6.604633 loss\_cls: 0.662562 loss\_obj: 3.143338 loss\_iou: 0.545855 loss\_l1: 0.000000 size: 624.000000 eta: 15:53:17 batch\_cost: 0.7781 data\_cost: 0.6382 ips: 5.1407 images/s

[03/17 23:45:42] ppdet.engine INFO: Epoch: [4] [600/690] learning\_rate: 0.000949 loss: 5.887102 loss\_cls: 0.639212 loss\_obj: 2.662680 loss\_iou: 0.520153 loss\_l1: 0.000000 size: 736.000000 eta: 15:23:47 batch\_cost: 0.7674 data\_cost: 0.6325 ips: 5.2121 images/s

[03/17 23:55:02] ppdet.engine INFO: Epoch: [5] [600/690] learning\_rate: 0.001000 loss: 4.743266 loss\_cls: 0.574721 loss\_obj: 1.969911 loss\_iou: 0.444980 loss\_l1: 0.000000 size: 672.000000 eta: 15:02:38 batch\_cost: 0.7870 data\_cost: 0.6506 ips: 5.0824 images/s

[03/18 00:04:23] ppdet.engine INFO: Epoch: [6] [600/690] learning\_rate: 0.001000 loss: 4.386418 loss\_cls: 0.545746 loss\_obj: 1.820965 loss\_iou: 0.415941 loss\_l1: 0.000000 size: 672.000000 eta: 14:45:13 batch\_cost: 0.7975 data\_cost: 0.6638 ips: 5.0156 images/s

[03/18 00:13:39] ppdet.engine INFO: Epoch: [7] [600/690] learning\_rate: 0.001000 loss: 4.002339 loss\_cls: 0.518476 loss\_obj: 1.586065 loss\_iou: 0.381776 loss\_l1: 0.000000 size: 704.000000 eta: 14:28:57 batch\_cost: 0.7818 data\_cost: 0.6453 ips: 5.1166 images/s

[03/18 00:22:55] ppdet.engine INFO: Epoch: [8] [600/690] learning\_rate: 0.001000 loss: 3.894959 loss\_cls: 0.512501 loss\_obj: 1.572948 loss\_iou: 0.374518 loss\_l1: 0.000000 size: 672.000000 eta: 14:14:28 batch\_cost: 0.7792 data\_cost: 0.6456 ips: 5.1334 images/s

[03/18 00:32:13] ppdet.engine INFO: Epoch: [9] [600/690] learning\_rate: 0.000999 loss: 3.601604 loss\_cls: 0.497732 loss\_obj: 1.330852 loss\_iou: 0.363378 loss\_l1: 0.000000 size: 592.000000 eta: 14:01:15 batch\_cost: 0.7797 data\_cost: 0.6436 ips: 5.1305 images/s

[03/18 00:41:54] ppdet.engine INFO: Epoch: [10] [600/690] learning\_rate: 0.000999 loss: 3.478474 loss\_cls: 0.485938 loss\_obj: 1.323514 loss\_iou: 0.344899 loss\_l1: 0.000000 size: 640.000000 eta: 13:48:11 batch\_cost: 0.7772 data\_cost: 0.6409 ips: 5.1467 images/s

[03/18 00:51:15] ppdet.engine INFO: Epoch: [11] [600/690] learning\_rate: 0.000999 loss: 3.420424 loss\_cls: 0.470708 loss\_obj: 1.282924 loss\_iou: 0.333753 loss\_l1: 0.000000 size: 688.000000 eta: 13:36:52 batch\_cost: 0.7879 data\_cost: 0.6452 ips: 5.0769 images/s

[03/18 01:00:34] ppdet.engine INFO: Epoch: [12] [600/690] learning\_rate: 0.000998 loss: 3.154535 loss\_cls: 0.459281 loss\_obj: 1.119816 loss\_iou: 0.317674 loss\_l1: 0.000000 size: 672.000000 eta: 13:25:35 batch\_cost: 0.7745 data\_cost: 0.6369 ips: 5.1649 images/s

[03/18 01:09:53] ppdet.engine INFO: Epoch: [13] [600/690] learning\_rate: 0.000998 loss: 3.334120 loss\_cls: 0.466986 loss\_obj: 1.205360 loss\_iou: 0.326629 loss\_l1: 0.000000 size: 576.000000 eta: 13:14:42 batch\_cost: 0.7886 data\_cost: 0.6517 ips: 5.0722 images/s

[03/18 01:19:05] ppdet.engine INFO: Epoch: [14] [600/690] learning\_rate: 0.000997 loss: 3.072693 loss\_cls: 0.449271 loss\_obj: 1.113359 loss\_iou: 0.310569 loss\_l1: 0.000000 size: 640.000000 eta: 13:03:27 batch\_cost: 0.7633 data\_cost: 0.6259 ips: 5.2407 images/s

[03/18 01:28:26] ppdet.engine INFO: Epoch: [15] [600/690] learning\_rate: 0.000996 loss: 2.897259 loss\_cls: 0.435973 loss\_obj: 0.959832 loss\_iou: 0.300859 loss\_l1: 0.000000 size: 608.000000 eta: 12:53:13 batch\_cost: 0.7928 data\_cost: 0.6562 ips: 5.0452 images/s

[03/18 01:37:39] ppdet.engine INFO: Epoch: [16] [600/690] learning\_rate: 0.000996 loss: 2.714177 loss\_cls: 0.425906 loss\_obj: 0.844992 loss\_iou: 0.281984 loss\_l1: 0.000000 size: 640.000000 eta: 12:42:29 batch\_cost: 0.7725 data\_cost: 0.6319 ips: 5.1777 images/s

[03/18 01:46:57] ppdet.engine INFO: Epoch: [17] [600/690] learning\_rate: 0.000995 loss: 2.745857 loss\_cls: 0.424521 loss\_obj: 0.943242 loss\_iou: 0.282299 loss\_l1: 0.000000 size: 704.000000 eta: 12:32:22 batch\_cost: 0.7968 data\_cost: 0.6605 ips: 5.0200 images/s

[03/18 01:56:12] ppdet.engine INFO: Epoch: [18] [600/690] learning\_rate: 0.000994 loss: 2.713107 loss\_cls: 0.418085 loss\_obj: 0.917349 loss\_iou: 0.276916 loss\_l1: 0.000000 size: 672.000000 eta: 12:22:10 batch\_cost: 0.7761 data\_cost: 0.6396 ips: 5.1537 images/s

[03/18 02:05:28] ppdet.engine INFO: Epoch: [19] [600/690] learning\_rate: 0.000993 loss: 2.706066 loss\_cls: 0.415914 loss\_obj: 0.849871 loss\_iou: 0.286709 loss\_l1: 0.000000 size: 576.000000 eta: 12:12:06 batch\_cost: 0.7942 data\_cost: 0.6574 ips: 5.0365 images/s

[03/18 02:14:59] ppdet.engine INFO: Epoch: [20] [600/690] learning\_rate: 0.000992 loss: 2.763624 loss\_cls: 0.415866 loss\_obj: 0.848462 loss\_iou: 0.280691 loss\_l1: 0.000000 size: 512.000000 eta: 12:01:36 batch\_cost: 0.7672 data\_cost: 0.6301 ips: 5.2140 images/s

[03/18 02:24:09] ppdet.engine INFO: Epoch: [21] [600/690] learning\_rate: 0.000992 loss: 2.505023 loss\_cls: 0.396799 loss\_obj: 0.808374 loss\_iou: 0.261687 loss\_l1: 0.000000 size: 672.000000 eta: 11:51:26 batch\_cost: 0.7783 data\_cost: 0.6370 ips: 5.1394 images/s

[03/18 02:33:16] ppdet.engine INFO: Epoch: [22] [600/690] learning\_rate: 0.000990 loss: 2.501671 loss\_cls: 0.401635 loss\_obj: 0.811195 loss\_iou: 0.265094 loss\_l1: 0.000000 size: 640.000000 eta: 11:41:10 batch\_cost: 0.7741 data\_cost: 0.6385 ips: 5.1675 images/s

[03/18 02:42:28] ppdet.engine INFO: Epoch: [23] [600/690] learning\_rate: 0.000989 loss: 2.399876 loss\_cls: 0.392894 loss\_obj: 0.769010 loss\_iou: 0.256947 loss\_l1: 0.000000 size: 640.000000 eta: 11:31:23 batch\_cost: 0.7614 data\_cost: 0.6271 ips: 5.2536 images/s

[03/18 02:51:43] ppdet.engine INFO: Epoch: [24] [600/690] learning\_rate: 0.000988 loss: 2.495670 loss\_cls: 0.390092 loss\_obj: 0.813116 loss\_iou: 0.254242 loss\_l1: 0.000000 size: 672.000000 eta: 11:21:48 batch\_cost: 0.7731 data\_cost: 0.6360 ips: 5.1740 images/s

[03/18 03:01:01] ppdet.engine INFO: Epoch: [25] [600/690] learning\_rate: 0.000987 loss: 2.377863 loss\_cls: 0.388794 loss\_obj: 0.729716 loss\_iou: 0.253418 loss\_l1: 0.000000 size: 608.000000 eta: 11:12:22 batch\_cost: 0.7746 data\_cost: 0.6308 ips: 5.1637 images/s

[03/18 03:10:15] ppdet.engine INFO: Epoch: [26] [600/690] learning\_rate: 0.000986 loss: 2.467091 loss\_cls: 0.389944 loss\_obj: 0.815946 loss\_iou: 0.256125 loss\_l1: 0.000000 size: 672.000000 eta: 11:02:51 batch\_cost: 0.7838 data\_cost: 0.6431 ips: 5.1031 images/s

[03/18 03:19:34] ppdet.engine INFO: Epoch: [27] [600/690] learning\_rate: 0.000984 loss: 2.276114 loss\_cls: 0.375301 loss\_obj: 0.660219 loss\_iou: 0.242384 loss\_l1: 0.000000 size: 640.000000 eta: 10:53:34 batch\_cost: 0.7723 data\_cost: 0.6336 ips: 5.1792 images/s

[03/18 03:28:53] ppdet.engine INFO: Epoch: [28] [600/690] learning\_rate: 0.000983 loss: 2.313738 loss\_cls: 0.370791 loss\_obj: 0.752103 loss\_iou: 0.243859 loss\_l1: 0.000000 size: 624.000000 eta: 10:44:19 batch\_cost: 0.7786 data\_cost: 0.6430 ips: 5.1371 images/s

[03/18 03:38:08] ppdet.engine INFO: Epoch: [29] [600/690] learning\_rate: 0.000982 loss: 2.367544 loss\_cls: 0.377532 loss\_obj: 0.757909 loss\_iou: 0.243648 loss\_l1: 0.000000 size: 736.000000 eta: 10:34:56 batch\_cost: 0.7912 data\_cost: 0.6513 ips: 5.0557 images/s

[03/18 03:47:36] ppdet.engine INFO: Epoch: [30] [600/690] learning\_rate: 0.000980 loss: 2.266163 loss\_cls: 0.366036 loss\_obj: 0.709226 loss\_iou: 0.235412 loss\_l1: 0.000000 size: 640.000000 eta: 10:25:08 batch\_cost: 0.7646 data\_cost: 0.6246 ips: 5.2318 images/s

[03/18 03:56:50] ppdet.engine INFO: Epoch: [31] [600/690] learning\_rate: 0.000979 loss: 2.275409 loss\_cls: 0.368938 loss\_obj: 0.731784 loss\_iou: 0.235883 loss\_l1: 0.000000 size: 704.000000 eta: 10:15:47 batch\_cost: 0.7709 data\_cost: 0.6295 ips: 5.1889 images/s

[03/18 04:06:07] ppdet.engine INFO: Epoch: [32] [600/690] learning\_rate: 0.000977 loss: 2.255707 loss\_cls: 0.369044 loss\_obj: 0.680862 loss\_iou: 0.236860 loss\_l1: 0.000000 size: 672.000000 eta: 10:06:31 batch\_cost: 0.7638 data\_cost: 0.6251 ips: 5.2369 images/s

[03/18 04:15:27] ppdet.engine INFO: Epoch: [33] [600/690] learning\_rate: 0.000975 loss: 2.222852 loss\_cls: 0.367177 loss\_obj: 0.683854 loss\_iou: 0.233766 loss\_l1: 0.000000 size: 688.000000 eta: 9:57:26 batch\_cost: 0.8136 data\_cost: 0.6745 ips: 4.9167 images/s

[03/18 04:24:42] ppdet.engine INFO: Epoch: [34] [600/690] learning\_rate: 0.000974 loss: 2.140612 loss\_cls: 0.358276 loss\_obj: 0.668162 loss\_iou: 0.225280 loss\_l1: 0.000000 size: 544.000000 eta: 9:48:09 batch\_cost: 0.7558 data\_cost: 0.6153 ips: 5.2924 images/s

[03/18 04:33:55] ppdet.engine INFO: Epoch: [35] [600/690] learning\_rate: 0.000972 loss: 2.163485 loss\_cls: 0.359780 loss\_obj: 0.666381 loss\_iou: 0.229801 loss\_l1: 0.000000 size: 608.000000 eta: 9:38:51 batch\_cost: 0.7703 data\_cost: 0.6328 ips: 5.1930 images/s

[03/18 04:43:10] ppdet.engine INFO: Epoch: [36] [600/690] learning\_rate: 0.000970 loss: 1.962659 loss\_cls: 0.351629 loss\_obj: 0.587119 loss\_iou: 0.217949 loss\_l1: 0.000000 size: 592.000000 eta: 9:29:37 batch\_cost: 0.7627 data\_cost: 0.6206 ips: 5.2446 images/s

[03/18 04:52:28] ppdet.engine INFO: Epoch: [37] [600/690] learning\_rate: 0.000968 loss: 2.126930 loss\_cls: 0.352764 loss\_obj: 0.666393 loss\_iou: 0.222628 loss\_l1: 0.000000 size: 704.000000 eta: 9:20:31 batch\_cost: 0.7805 data\_cost: 0.6399 ips: 5.1250 images/s

[03/18 05:01:47] ppdet.engine INFO: Epoch: [38] [600/690] learning\_rate: 0.000966 loss: 2.224763 loss\_cls: 0.362195 loss\_obj: 0.695255 loss\_iou: 0.233763 loss\_l1: 0.000000 size: 640.000000 eta: 9:11:26 batch\_cost: 0.7869 data\_cost: 0.6451 ips: 5.0832 images/s

[03/18 05:11:07] ppdet.engine INFO: Epoch: [39] [600/690] learning\_rate: 0.000964 loss: 2.100200 loss\_cls: 0.350185 loss\_obj: 0.553537 loss\_iou: 0.219103 loss\_l1: 0.000000 size: 640.000000 eta: 9:02:22 batch\_cost: 0.7720 data\_cost: 0.6343 ips: 5.1816 images/s

[03/18 05:20:39] ppdet.engine INFO: Epoch: [40] [600/690] learning\_rate: 0.000962 loss: 2.014059 loss\_cls: 0.350159 loss\_obj: 0.609593 loss\_iou: 0.217961 loss\_l1: 0.000000 size: 672.000000 eta: 8:53:02 batch\_cost: 0.7756 data\_cost: 0.6371 ips: 5.1571 images/s

[03/18 05:29:49] ppdet.engine INFO: Epoch: [41] [600/690] learning\_rate: 0.000960 loss: 1.925483 loss\_cls: 0.338350 loss\_obj: 0.523418 loss\_iou: 0.207159 loss\_l1: 0.000000 size: 640.000000 eta: 8:43:45 batch\_cost: 0.7735 data\_cost: 0.6364 ips: 5.1712 images/s

[03/18 05:39:04] ppdet.engine INFO: Epoch: [42] [600/690] learning\_rate: 0.000958 loss: 2.087977 loss\_cls: 0.354056 loss\_obj: 0.668887 loss\_iou: 0.224516 loss\_l1: 0.000000 size: 672.000000 eta: 8:34:37 batch\_cost: 0.7799 data\_cost: 0.6400 ips: 5.1290 images/s

[03/18 05:48:16] ppdet.engine INFO: Epoch: [43] [600/690] learning\_rate: 0.000956 loss: 1.953186 loss\_cls: 0.336733 loss\_obj: 0.578143 loss\_iou: 0.209264 loss\_l1: 0.000000 size: 640.000000 eta: 8:25:25 batch\_cost: 0.7826 data\_cost: 0.6446 ips: 5.1112 images/s

[03/18 05:57:31] ppdet.engine INFO: Epoch: [44] [600/690] learning\_rate: 0.000953 loss: 2.036170 loss\_cls: 0.350102 loss\_obj: 0.557849 loss\_iou: 0.216074 loss\_l1: 0.000000 size: 640.000000 eta: 8:16:18 batch\_cost: 0.7680 data\_cost: 0.6299 ips: 5.2085 images/s

[03/18 06:06:46] ppdet.engine INFO: Epoch: [45] [600/690] learning\_rate: 0.000951 loss: 2.014136 loss\_cls: 0.350559 loss\_obj: 0.606107 loss\_iou: 0.218381 loss\_l1: 0.000000 size: 640.000000 eta: 8:07:10 batch\_cost: 0.7801 data\_cost: 0.6404 ips: 5.1272 images/s

[03/18 06:15:56] ppdet.engine INFO: Epoch: [46] [600/690] learning\_rate: 0.000949 loss: 2.025416 loss\_cls: 0.340279 loss\_obj: 0.595087 loss\_iou: 0.210032 loss\_l1: 0.000000 size: 608.000000 eta: 7:57:58 batch\_cost: 0.7535 data\_cost: 0.6141 ips: 5.3082 images/s

[03/18 06:25:09] ppdet.engine INFO: Epoch: [47] [600/690] learning\_rate: 0.000946 loss: 1.986122 loss\_cls: 0.334785 loss\_obj: 0.611231 loss\_iou: 0.204627 loss\_l1: 0.000000 size: 640.000000 eta: 7:48:51 batch\_cost: 0.7726 data\_cost: 0.6340 ips: 5.1773 images/s

[03/18 06:34:21] ppdet.engine INFO: Epoch: [48] [600/690] learning\_rate: 0.000944 loss: 1.864975 loss\_cls: 0.321609 loss\_obj: 0.526189 loss\_iou: 0.193444 loss\_l1: 0.000000 size: 592.000000 eta: 7:39:43 batch\_cost: 0.7789 data\_cost: 0.6403 ips: 5.1356 images/s

[03/18 06:43:34] ppdet.engine INFO: Epoch: [49] [600/690] learning\_rate: 0.000941 loss: 1.787386 loss\_cls: 0.324208 loss\_obj: 0.489182 loss\_iou: 0.196389 loss\_l1: 0.000000 size: 656.000000 eta: 7:30:37 batch\_cost: 0.7960 data\_cost: 0.6562 ips: 5.0251 images/s

[03/18 06:53:06] ppdet.engine INFO: Epoch: [50] [600/690] learning\_rate: 0.000938 loss: 1.951376 loss\_cls: 0.334248 loss\_obj: 0.577092 loss\_iou: 0.209925 loss\_l1: 0.000000 size: 624.000000 eta: 7:21:28 batch\_cost: 0.7657 data\_cost: 0.6250 ips: 5.2242 images/s

[03/18 07:02:20] ppdet.engine INFO: Epoch: [51] [600/690] learning\_rate: 0.000936 loss: 1.930146 loss\_cls: 0.334396 loss\_obj: 0.541308 loss\_iou: 0.208133 loss\_l1: 0.000000 size: 608.000000 eta: 7:12:22 batch\_cost: 0.7599 data\_cost: 0.6182 ips: 5.2637 images/s

[03/18 07:11:33] ppdet.engine INFO: Epoch: [52] [600/690] learning\_rate: 0.000933 loss: 1.842212 loss\_cls: 0.324241 loss\_obj: 0.533637 loss\_iou: 0.200628 loss\_l1: 0.000000 size: 608.000000 eta: 7:03:18 batch\_cost: 0.7734 data\_cost: 0.6351 ips: 5.1716 images/s

[03/18 07:20:50] ppdet.engine INFO: Epoch: [53] [600/690] learning\_rate: 0.000930 loss: 1.842960 loss\_cls: 0.325310 loss\_obj: 0.518648 loss\_iou: 0.198694 loss\_l1: 0.000000 size: 688.000000 eta: 6:54:17 batch\_cost: 0.7717 data\_cost: 0.6326 ips: 5.1831 images/s

[03/18 07:30:04] ppdet.engine INFO: Epoch: [54] [600/690] learning\_rate: 0.000928 loss: 1.716108 loss\_cls: 0.310828 loss\_obj: 0.438468 loss\_iou: 0.189850 loss\_l1: 0.000000 size: 560.000000 eta: 6:45:14 batch\_cost: 0.7682 data\_cost: 0.6288 ips: 5.2073 images/s

[03/18 07:39:16] ppdet.engine INFO: Epoch: [55] [600/690] learning\_rate: 0.000925 loss: 1.826735 loss\_cls: 0.324097 loss\_obj: 0.468470 loss\_iou: 0.197765 loss\_l1: 0.000000 size: 624.000000 eta: 6:36:10 batch\_cost: 0.7747 data\_cost: 0.6350 ips: 5.1631 images/s

[03/18 07:48:32] ppdet.engine INFO: Epoch: [56] [600/690] learning\_rate: 0.000922 loss: 1.735375 loss\_cls: 0.315235 loss\_obj: 0.487794 loss\_iou: 0.188474 loss\_l1: 0.000000 size: 624.000000 eta: 6:27:09 batch\_cost: 0.7579 data\_cost: 0.6208 ips: 5.2778 images/s

[03/18 07:57:48] ppdet.engine INFO: Epoch: [57] [600/690] learning\_rate: 0.000919 loss: 1.784057 loss\_cls: 0.321154 loss\_obj: 0.474243 loss\_iou: 0.197658 loss\_l1: 0.000000 size: 624.000000 eta: 6:18:08 batch\_cost: 0.7760 data\_cost: 0.6329 ips: 5.1544 images/s

[03/18 08:07:01] ppdet.engine INFO: Epoch: [58] [600/690] learning\_rate: 0.000916 loss: 1.874415 loss\_cls: 0.325901 loss\_obj: 0.512292 loss\_iou: 0.203047 loss\_l1: 0.000000 size: 624.000000 eta: 6:09:05 batch\_cost: 0.7832 data\_cost: 0.6454 ips: 5.1073 images/s

[03/18 08:16:12] ppdet.engine INFO: Epoch: [59] [600/690] learning\_rate: 0.000913 loss: 1.810909 loss\_cls: 0.322104 loss\_obj: 0.501092 loss\_iou: 0.198154 loss\_l1: 0.000000 size: 656.000000 eta: 6:00:02 batch\_cost: 0.7458 data\_cost: 0.6059 ips: 5.3630 images/s

[03/18 08:25:44] ppdet.engine INFO: Epoch: [60] [600/690] learning\_rate: 0.000910 loss: 1.791032 loss\_cls: 0.319322 loss\_obj: 0.491839 loss\_iou: 0.196652 loss\_l1: 0.000000 size: 672.000000 eta: 5:50:58 batch\_cost: 0.7580 data\_cost: 0.6217 ips: 5.2771 images/s

[03/18 08:35:02] ppdet.engine INFO: Epoch: [61] [600/690] learning\_rate: 0.000907 loss: 1.879095 loss\_cls: 0.317332 loss\_obj: 0.540749 loss\_iou: 0.198672 loss\_l1: 0.000000 size: 608.000000 eta: 5:42:00 batch\_cost: 0.7733 data\_cost: 0.6363 ips: 5.1725 images/s

[03/18 08:44:17] ppdet.engine INFO: Epoch: [62] [600/690] learning\_rate: 0.000903 loss: 1.745378 loss\_cls: 0.313716 loss\_obj: 0.515195 loss\_iou: 0.192049 loss\_l1: 0.000000 size: 640.000000 eta: 5:32:59 batch\_cost: 0.7867 data\_cost: 0.6427 ips: 5.0844 images/s

[03/18 08:53:31] ppdet.engine INFO: Epoch: [63] [600/690] learning\_rate: 0.000900 loss: 1.641617 loss\_cls: 0.305090 loss\_obj: 0.455915 loss\_iou: 0.181501 loss\_l1: 0.000000 size: 672.000000 eta: 5:23:58 batch\_cost: 0.7599 data\_cost: 0.6222 ips: 5.2638 images/s

[03/18 09:02:43] ppdet.engine INFO: Epoch: [64] [600/690] learning\_rate: 0.000897 loss: 1.697333 loss\_cls: 0.310459 loss\_obj: 0.445438 loss\_iou: 0.182628 loss\_l1: 0.000000 size: 672.000000 eta: 5:14:57 batch\_cost: 0.7771 data\_cost: 0.6386 ips: 5.1475 images/s

[03/18 09:11:54] ppdet.engine INFO: Epoch: [65] [600/690] learning\_rate: 0.000893 loss: 1.745848 loss\_cls: 0.315734 loss\_obj: 0.445165 loss\_iou: 0.189609 loss\_l1: 0.000000 size: 608.000000 eta: 5:05:55 batch\_cost: 0.7678 data\_cost: 0.6247 ips: 5.2099 images/s

[03/18 09:21:11] ppdet.engine INFO: Epoch: [66] [600/690] learning\_rate: 0.000890 loss: 1.661249 loss\_cls: 0.306105 loss\_obj: 0.434917 loss\_iou: 0.178751 loss\_l1: 0.000000 size: 720.000000 eta: 4:56:57 batch\_cost: 0.7642 data\_cost: 0.6199 ips: 5.2340 images/s

[03/18 09:30:32] ppdet.engine INFO: Epoch: [67] [600/690] learning\_rate: 0.000887 loss: 1.767862 loss\_cls: 0.315323 loss\_obj: 0.497908 loss\_iou: 0.192748 loss\_l1: 0.000000 size: 672.000000 eta: 4:48:00 batch\_cost: 0.7801 data\_cost: 0.6387 ips: 5.1276 images/s

[03/18 09:39:48] ppdet.engine INFO: Epoch: [68] [600/690] learning\_rate: 0.000883 loss: 1.669447 loss\_cls: 0.312469 loss\_obj: 0.428338 loss\_iou: 0.190400 loss\_l1: 0.000000 size: 592.000000 eta: 4:39:02 batch\_cost: 0.7819 data\_cost: 0.6447 ips: 5.1157 images/s

[03/18 09:49:00] ppdet.engine INFO: Epoch: [69] [600/690] learning\_rate: 0.000880 loss: 1.815935 loss\_cls: 0.313348 loss\_obj: 0.524278 loss\_iou: 0.192190 loss\_l1: 0.000000 size: 672.000000 eta: 4:30:01 batch\_cost: 0.6445 data\_cost: 0.5139 ips: 6.2059 images/s

[03/18 09:57:54] ppdet.engine INFO: Epoch: [70] [600/690] learning\_rate: 0.000876 loss: 1.669721 loss\_cls: 0.303184 loss\_obj: 0.438627 loss\_iou: 0.184965 loss\_l1: 0.000000 size: 672.000000 eta: 4:20:48 batch\_cost: 0.7947 data\_cost: 0.6506 ips: 5.0331 images/s

[03/18 10:07:06] ppdet.engine INFO: Epoch: [71] [600/690] learning\_rate: 0.000872 loss: 1.623848 loss\_cls: 0.303876 loss\_obj: 0.431111 loss\_iou: 0.178078 loss\_l1: 0.000000 size: 688.000000 eta: 4:11:48 batch\_cost: 0.6705 data\_cost: 0.5435 ips: 5.9658 images/s

[03/18 10:13:33] ppdet.engine INFO: Epoch: [72] [600/690] learning\_rate: 0.000869 loss: 1.683280 loss\_cls: 0.302012 loss\_obj: 0.480553 loss\_iou: 0.183179 loss\_l1: 0.000000 size: 656.000000 eta: 4:01:51 batch\_cost: 0.5401 data\_cost: 0.4272 ips: 7.4067 images/s

[03/18 10:20:06] ppdet.engine INFO: Epoch: [73] [600/690] learning\_rate: 0.000865 loss: 1.664010 loss\_cls: 0.294792 loss\_obj: 0.445325 loss\_iou: 0.176509 loss\_l1: 0.000000 size: 608.000000 eta: 3:52:02 batch\_cost: 0.5482 data\_cost: 0.4329 ips: 7.2962 images/s

[03/18 10:26:33] ppdet.engine INFO: Epoch: [74] [600/690] learning\_rate: 0.000861 loss: 1.656774 loss\_cls: 0.307591 loss\_obj: 0.425017 loss\_iou: 0.186164 loss\_l1: 0.000000 size: 656.000000 eta: 3:42:16 batch\_cost: 0.5346 data\_cost: 0.4203 ips: 7.4823 images/s

[03/18 10:33:01] ppdet.engine INFO: Epoch: [75] [600/690] learning\_rate: 0.000858 loss: 1.717454 loss\_cls: 0.298782 loss\_obj: 0.478663 loss\_iou: 0.180384 loss\_l1: 0.000000 size: 640.000000 eta: 3:32:36 batch\_cost: 0.5484 data\_cost: 0.4391 ips: 7.2944 images/s

[03/18 10:39:28] ppdet.engine INFO: Epoch: [76] [600/690] learning\_rate: 0.000854 loss: 1.605940 loss\_cls: 0.295787 loss\_obj: 0.476421 loss\_iou: 0.174773 loss\_l1: 0.000000 size: 704.000000 eta: 3:23:02 batch\_cost: 0.5429 data\_cost: 0.4299 ips: 7.3677 images/s

[03/18 10:45:56] ppdet.engine INFO: Epoch: [77] [600/690] learning\_rate: 0.000850 loss: 1.642260 loss\_cls: 0.295820 loss\_obj: 0.431291 loss\_iou: 0.174571 loss\_l1: 0.000000 size: 704.000000 eta: 3:13:32 batch\_cost: 0.5360 data\_cost: 0.4237 ips: 7.4630 images/s

[03/18 10:52:23] ppdet.engine INFO: Epoch: [78] [600/690] learning\_rate: 0.000846 loss: 1.721669 loss\_cls: 0.302089 loss\_obj: 0.476571 loss\_iou: 0.180301 loss\_l1: 0.000000 size: 720.000000 eta: 3:04:07 batch\_cost: 0.5399 data\_cost: 0.4271 ips: 7.4083 images/s

[03/18 10:58:50] ppdet.engine INFO: Epoch: [79] [600/690] learning\_rate: 0.000842 loss: 1.565118 loss\_cls: 0.288747 loss\_obj: 0.431684 loss\_iou: 0.167744 loss\_l1: 0.000000 size: 656.000000 eta: 2:54:47 batch\_cost: 0.5245 data\_cost: 0.4122 ips: 7.6269 images/s

[03/18 11:05:20] ppdet.engine INFO: Epoch: [80] [600/690] learning\_rate: 0.000838 loss: 1.508425 loss\_cls: 0.281981 loss\_obj: 0.365526 loss\_iou: 0.163629 loss\_l1: 0.000000 size: 640.000000 eta: 2:45:29 batch\_cost: 0.5240 data\_cost: 0.4122 ips: 7.6332 images/s

[03/18 11:11:39] ppdet.engine INFO: Epoch: [81] [600/690] learning\_rate: 0.000834 loss: 1.697687 loss\_cls: 0.307261 loss\_obj: 0.467227 loss\_iou: 0.183131 loss\_l1: 0.000000 size: 640.000000 eta: 2:36:16 batch\_cost: 0.5281 data\_cost: 0.4170 ips: 7.5746 images/s

[03/18 11:18:00] ppdet.engine INFO: Epoch: [82] [600/690] learning\_rate: 0.000830 loss: 1.511305 loss\_cls: 0.295924 loss\_obj: 0.361841 loss\_iou: 0.171871 loss\_l1: 0.000000 size: 672.000000 eta: 2:27:09 batch\_cost: 0.5194 data\_cost: 0.4075 ips: 7.7018 images/s

[03/18 11:24:21] ppdet.engine INFO: Epoch: [83] [600/690] learning\_rate: 0.000826 loss: 1.605978 loss\_cls: 0.290049 loss\_obj: 0.466763 loss\_iou: 0.170032 loss\_l1: 0.000000 size: 608.000000 eta: 2:18:05 batch\_cost: 0.5483 data\_cost: 0.4358 ips: 7.2957 images/s

[03/18 11:30:38] ppdet.engine INFO: Epoch: [84] [600/690] learning\_rate: 0.000822 loss: 1.650483 loss\_cls: 0.297673 loss\_obj: 0.466673 loss\_iou: 0.179655 loss\_l1: 0.000000 size: 640.000000 eta: 2:09:05 batch\_cost: 0.5341 data\_cost: 0.4219 ips: 7.4887 images/s

[03/18 11:36:57] ppdet.engine INFO: Epoch: [85] [600/690] learning\_rate: 0.000818 loss: 1.756110 loss\_cls: 0.300757 loss\_obj: 0.491067 loss\_iou: 0.183349 loss\_l1: 0.000000 size: 592.000000 eta: 2:00:09 batch\_cost: 0.5334 data\_cost: 0.4228 ips: 7.4986 images/s

[03/18 11:43:15] ppdet.engine INFO: Epoch: [86] [600/690] learning\_rate: 0.000813 loss: 1.554064 loss\_cls: 0.292222 loss\_obj: 0.388983 loss\_iou: 0.173727 loss\_l1: 0.000000 size: 576.000000 eta: 1:51:17 batch\_cost: 0.5175 data\_cost: 0.4073 ips: 7.7295 images/s

[03/18 11:49:34] ppdet.engine INFO: Epoch: [87] [600/690] learning\_rate: 0.000809 loss: 1.525335 loss\_cls: 0.284445 loss\_obj: 0.364918 loss\_iou: 0.168466 loss\_l1: 0.000000 size: 608.000000 eta: 1:42:29 batch\_cost: 0.5353 data\_cost: 0.4260 ips: 7.4721 images/s

[03/18 11:55:50] ppdet.engine INFO: Epoch: [88] [600/690] learning\_rate: 0.000805 loss: 1.519243 loss\_cls: 0.283918 loss\_obj: 0.396801 loss\_iou: 0.163071 loss\_l1: 0.000000 size: 736.000000 eta: 1:33:45 batch\_cost: 0.5211 data\_cost: 0.4087 ips: 7.6757 images/s

[03/18 12:02:06] ppdet.engine INFO: Epoch: [89] [600/690] learning\_rate: 0.000800 loss: 1.667331 loss\_cls: 0.296472 loss\_obj: 0.430273 loss\_iou: 0.174661 loss\_l1: 0.000000 size: 640.000000 eta: 1:25:03 batch\_cost: 0.5332 data\_cost: 0.4215 ips: 7.5025 images/s

[03/18 12:08:39] ppdet.engine INFO: Epoch: [90] [600/690] learning\_rate: 0.000796 loss: 1.458471 loss\_cls: 0.283404 loss\_obj: 0.321773 loss\_iou: 0.163304 loss\_l1: 0.000000 size: 608.000000 eta: 1:16:26 batch\_cost: 0.5264 data\_cost: 0.4149 ips: 7.5985 images/s

[03/18 12:14:57] ppdet.engine INFO: Epoch: [91] [600/690] learning\_rate: 0.000792 loss: 1.521077 loss\_cls: 0.281660 loss\_obj: 0.424891 loss\_iou: 0.169282 loss\_l1: 0.000000 size: 624.000000 eta: 1:07:51 batch\_cost: 0.5371 data\_cost: 0.4257 ips: 7.4477 images/s

[03/18 12:21:20] ppdet.engine INFO: Epoch: [92] [600/690] learning\_rate: 0.000787 loss: 1.585535 loss\_cls: 0.291075 loss\_obj: 0.400879 loss\_iou: 0.173049 loss\_l1: 0.000000 size: 656.000000 eta: 0:59:21 batch\_cost: 0.5315 data\_cost: 0.4188 ips: 7.5260 images/s

[03/18 12:27:40] ppdet.engine INFO: Epoch: [93] [600/690] learning\_rate: 0.000783 loss: 1.565399 loss\_cls: 0.285949 loss\_obj: 0.400010 loss\_iou: 0.168387 loss\_l1: 0.000000 size: 608.000000 eta: 0:50:53 batch\_cost: 0.5274 data\_cost: 0.4155 ips: 7.5840 images/s

[03/18 12:33:58] ppdet.engine INFO: Epoch: [94] [600/690] learning\_rate: 0.000778 loss: 1.423189 loss\_cls: 0.275051 loss\_obj: 0.356790 loss\_iou: 0.157548 loss\_l1: 0.000000 size: 736.000000 eta: 0:42:28 batch\_cost: 0.5250 data\_cost: 0.4135 ips: 7.6191 images/s

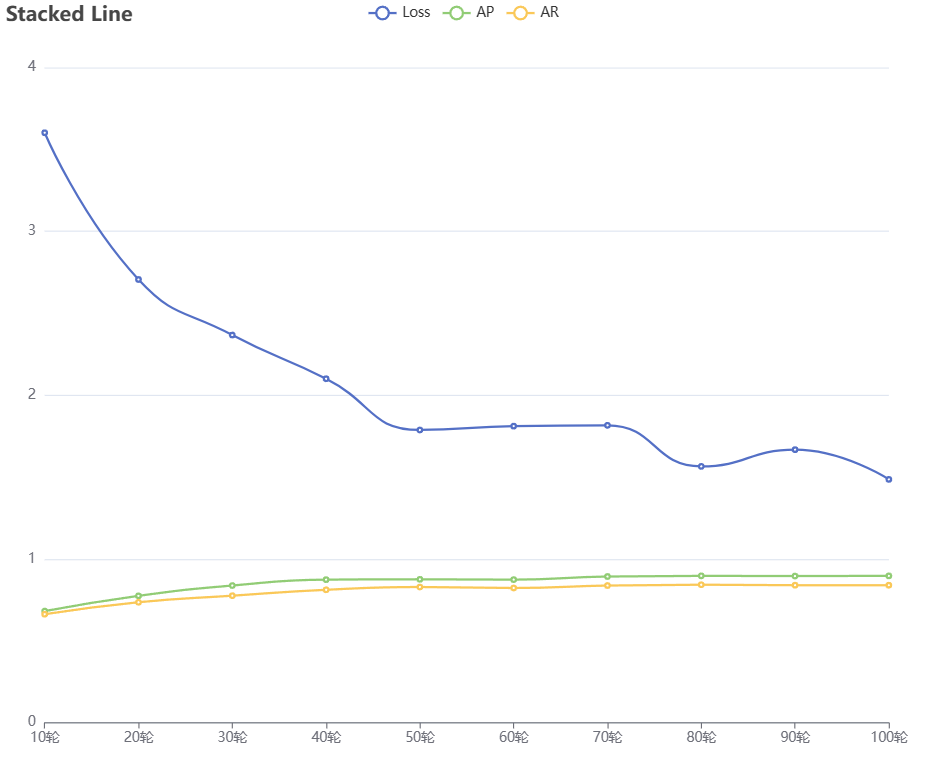
[03/18 12:40:19] ppdet.engine INFO: Epoch: [95] [600/690] learning\_rate: 0.000774 loss: 1.531931 loss\_cls: 0.288582 loss\_obj: 0.403212 loss\_iou: 0.167563 loss\_l1: 0.000000 size: 720.000000 eta: 0:34:05 batch\_cost: 0.5425 data\_cost: 0.4315 ips: 7.3734 images/s

[03/18 12:46:39] ppdet.engine INFO: Epoch: [96] [600/690] learning\_rate: 0.000769 loss: 1.478421 loss\_cls: 0.281964 loss\_obj: 0.362650 loss\_iou: 0.163699 loss\_l1: 0.000000 size: 608.000000 eta: 0:25:46 batch\_cost: 0.5408 data\_cost: 0.4332 ips: 7.3965 images/s

[03/18 12:53:01] ppdet.engine INFO: Epoch: [97] [600/690] learning\_rate: 0.000765 loss: 1.564947 loss\_cls: 0.281490 loss\_obj: 0.408274 loss\_iou: 0.170594 loss\_l1: 0.000000 size: 672.000000 eta: 0:17:29 batch\_cost: 0.5452 data\_cost: 0.4307 ips: 7.3365 images/s

[03/18 12:59:21] ppdet.engine INFO: Epoch: [98] [600/690] learning\_rate: 0.000760 loss: 1.551959 loss\_cls: 0.282564 loss\_obj: 0.400655 loss\_iou: 0.166935 loss\_l1: 0.000000 size: 608.000000 eta: 0:09:15 batch\_cost: 0.5233 data\_cost: 0.4126 ips: 7.6435 images/s

[03/18 13:05:43] ppdet.engine INFO: Epoch: [99] [600/690] learning\_rate: 0.000755 loss: 1.485976 loss\_cls: 0.275105 loss\_obj: 0.383988 loss\_iou: 0.160361 loss\_l1: 0.000000 size: 576.000000 eta: 0:01:03 batch\_cost: 0.5259 data\_cost: 0.4138 ips: 7.6054 images/s



##### 1.5.1.6 CSPDarkNet+PAN+YOLOXHead-2

[03/17 11:41:41] ppdet.engine INFO: Epoch: [0] [300/345] learning\_rate: 0.000302 loss: 11.981159 loss\_cls: 1.862314 loss\_obj: 6.591694 loss\_iou: 0.714952 loss\_l1: 0.000000 size: 608.000000 eta: 10:36:34 batch\_cost: 1.1305 data\_cost: 0.9594 ips: 7.0766 images/s

[03/17 11:48:19] ppdet.engine INFO: Epoch: [1] [300/345] learning\_rate: 0.001398 loss: 8.650394 loss\_cls: 0.742744 loss\_obj: 4.717830 loss\_iou: 0.633263 loss\_l1: 0.000000 size: 672.000000 eta: 10:36:12 batch\_cost: 1.1412 data\_cost: 0.9565 ips: 7.0099 images/s

[03/17 11:54:55] ppdet.engine INFO: Epoch: [2] [300/345] learning\_rate: 0.003294 loss: 6.590423 loss\_cls: 0.658298 loss\_obj: 3.102215 loss\_iou: 0.561980 loss\_l1: 0.000000 size: 640.000000 eta: 10:30:11 batch\_cost: 1.1191 data\_cost: 0.9392 ips: 7.1486 images/s

[03/17 12:01:33] ppdet.engine INFO: Epoch: [3] [300/345] learning\_rate: 0.005989 loss: 5.730517 loss\_cls: 0.627243 loss\_obj: 2.515525 loss\_iou: 0.514112 loss\_l1: 0.000000 size: 688.000000 eta: 10:25:17 batch\_cost: 1.1495 data\_cost: 0.9628 ips: 6.9593 images/s

[03/17 12:08:11] ppdet.engine INFO: Epoch: [4] [300/345] learning\_rate: 0.009485 loss: 5.271168 loss\_cls: 0.610938 loss\_obj: 2.166840 loss\_iou: 0.491409 loss\_l1: 0.000000 size: 544.000000 eta: 10:19:23 batch\_cost: 1.1459 data\_cost: 0.9827 ips: 6.9811 images/s

[03/17 12:14:50] ppdet.engine INFO: Epoch: [5] [300/345] learning\_rate: 0.010000 loss: 4.739250 loss\_cls: 0.578299 loss\_obj: 1.911305 loss\_iou: 0.454182 loss\_l1: 0.000000 size: 608.000000 eta: 10:13:31 batch\_cost: 1.1431 data\_cost: 0.9600 ips: 6.9984 images/s

[03/17 12:21:28] ppdet.engine INFO: Epoch: [6] [300/345] learning\_rate: 0.009999 loss: 4.474956 loss\_cls: 0.567714 loss\_obj: 1.751187 loss\_iou: 0.439883 loss\_l1: 0.000000 size: 576.000000 eta: 10:07:15 batch\_cost: 1.1375 data\_cost: 0.9638 ips: 7.0330 images/s

[03/17 12:28:04] ppdet.engine INFO: Epoch: [7] [300/345] learning\_rate: 0.009998 loss: 4.223627 loss\_cls: 0.541336 loss\_obj: 1.616252 loss\_iou: 0.408598 loss\_l1: 0.000000 size: 592.000000 eta: 10:00:25 batch\_cost: 1.1402 data\_cost: 0.9691 ips: 7.0166 images/s

[03/17 12:34:39] ppdet.engine INFO: Epoch: [8] [300/345] learning\_rate: 0.009996 loss: 4.043760 loss\_cls: 0.529340 loss\_obj: 1.513953 loss\_iou: 0.393977 loss\_l1: 0.000000 size: 704.000000 eta: 9:53:42 batch\_cost: 1.1382 data\_cost: 0.9533 ips: 7.0285 images/s

[03/17 12:41:16] ppdet.engine INFO: Epoch: [9] [300/345] learning\_rate: 0.009993 loss: 3.871939 loss\_cls: 0.518558 loss\_obj: 1.429498 loss\_iou: 0.385746 loss\_l1: 0.000000 size: 640.000000 eta: 9:47:18 batch\_cost: 1.1228 data\_cost: 0.9411 ips: 7.1253 images/s

[03/17 12:48:11] ppdet.engine INFO: Epoch: [10] [300/345] learning\_rate: 0.009990 loss: 3.744486 loss\_cls: 0.505984 loss\_obj: 1.368336 loss\_iou: 0.371453 loss\_l1: 0.000000 size: 640.000000 eta: 9:40:18 batch\_cost: 1.1396 data\_cost: 0.9651 ips: 7.0197 images/s

[03/17 12:54:38] ppdet.engine INFO: Epoch: [11] [300/345] learning\_rate: 0.009986 loss: 3.645594 loss\_cls: 0.494172 loss\_obj: 1.336877 loss\_iou: 0.359790 loss\_l1: 0.000000 size: 560.000000 eta: 9:32:42 batch\_cost: 1.0956 data\_cost: 0.9235 ips: 7.3016 images/s

[03/17 13:00:57] ppdet.engine INFO: Epoch: [12] [300/345] learning\_rate: 0.009981 loss: 3.467942 loss\_cls: 0.497937 loss\_obj: 1.207780 loss\_iou: 0.363154 loss\_l1: 0.000000 size: 640.000000 eta: 9:24:20 batch\_cost: 1.0778 data\_cost: 0.9073 ips: 7.4227 images/s

[03/17 13:07:15] ppdet.engine INFO: Epoch: [13] [300/345] learning\_rate: 0.009976 loss: 3.447897 loss\_cls: 0.486587 loss\_obj: 1.198806 loss\_iou: 0.350368 loss\_l1: 0.000000 size: 672.000000 eta: 9:16:14 batch\_cost: 1.0980 data\_cost: 0.9193 ips: 7.2858 images/s

[03/17 13:13:30] ppdet.engine INFO: Epoch: [14] [300/345] learning\_rate: 0.009971 loss: 3.341132 loss\_cls: 0.478885 loss\_obj: 1.135224 loss\_iou: 0.339910 loss\_l1: 0.000000 size: 512.000000 eta: 9:08:01 batch\_cost: 1.0654 data\_cost: 0.9035 ips: 7.5088 images/s

[03/17 13:19:48] ppdet.engine INFO: Epoch: [15] [300/345] learning\_rate: 0.009965 loss: 3.340206 loss\_cls: 0.479666 loss\_obj: 1.128373 loss\_iou: 0.337554 loss\_l1: 0.000000 size: 640.000000 eta: 9:00:25 batch\_cost: 1.0806 data\_cost: 0.9057 ips: 7.4036 images/s

[03/17 13:26:01] ppdet.engine INFO: Epoch: [16] [300/345] learning\_rate: 0.009958 loss: 3.225507 loss\_cls: 0.470786 loss\_obj: 1.077250 loss\_iou: 0.333876 loss\_l1: 0.000000 size: 640.000000 eta: 8:52:30 batch\_cost: 1.0668 data\_cost: 0.8984 ips: 7.4990 images/s

[03/17 13:32:17] ppdet.engine INFO: Epoch: [17] [300/345] learning\_rate: 0.009951 loss: 3.203514 loss\_cls: 0.466608 loss\_obj: 1.081962 loss\_iou: 0.332271 loss\_l1: 0.000000 size: 656.000000 eta: 8:45:02 batch\_cost: 1.0888 data\_cost: 0.9144 ips: 7.3478 images/s

[03/17 13:38:31] ppdet.engine INFO: Epoch: [18] [300/345] learning\_rate: 0.009943 loss: 3.147506 loss\_cls: 0.465558 loss\_obj: 1.016394 loss\_iou: 0.333128 loss\_l1: 0.000000 size: 528.000000 eta: 8:37:35 batch\_cost: 1.0679 data\_cost: 0.9047 ips: 7.4911 images/s

[03/17 13:44:47] ppdet.engine INFO: Epoch: [19] [300/345] learning\_rate: 0.009934 loss: 3.026401 loss\_cls: 0.458918 loss\_obj: 0.933269 loss\_iou: 0.320330 loss\_l1: 0.000000 size: 512.000000 eta: 8:30:22 batch\_cost: 1.0829 data\_cost: 0.9259 ips: 7.3878 images/s

[03/17 13:51:19] ppdet.engine INFO: Epoch: [20] [300/345] learning\_rate: 0.009925 loss: 2.966184 loss\_cls: 0.444672 loss\_obj: 0.995679 loss\_iou: 0.309707 loss\_l1: 0.000000 size: 704.000000 eta: 8:23:09 batch\_cost: 1.0807 data\_cost: 0.9050 ips: 7.4026 images/s

[03/17 13:57:37] ppdet.engine INFO: Epoch: [21] [300/345] learning\_rate: 0.009915 loss: 2.914717 loss\_cls: 0.443775 loss\_obj: 0.984255 loss\_iou: 0.304135 loss\_l1: 0.000000 size: 704.000000 eta: 8:16:16 batch\_cost: 1.0906 data\_cost: 0.9085 ips: 7.3354 images/s

[03/17 14:03:54] ppdet.engine INFO: Epoch: [22] [300/345] learning\_rate: 0.009905 loss: 2.960253 loss\_cls: 0.449319 loss\_obj: 0.990413 loss\_iou: 0.309443 loss\_l1: 0.000000 size: 688.000000 eta: 8:09:23 batch\_cost: 1.0992 data\_cost: 0.9158 ips: 7.2779 images/s

[03/17 14:10:19] ppdet.engine INFO: Epoch: [23] [300/345] learning\_rate: 0.009894 loss: 2.821157 loss\_cls: 0.435674 loss\_obj: 0.874376 loss\_iou: 0.296948 loss\_l1: 0.000000 size: 640.000000 eta: 8:02:57 batch\_cost: 1.0791 data\_cost: 0.9066 ips: 7.4134 images/s

[03/17 14:16:42] ppdet.engine INFO: Epoch: [24] [300/345] learning\_rate: 0.009882 loss: 2.885117 loss\_cls: 0.432153 loss\_obj: 0.948752 loss\_iou: 0.298748 loss\_l1: 0.000000 size: 704.000000 eta: 7:56:27 batch\_cost: 1.0891 data\_cost: 0.9050 ips: 7.3455 images/s

[03/17 14:23:06] ppdet.engine INFO: Epoch: [25] [300/345] learning\_rate: 0.009870 loss: 2.814685 loss\_cls: 0.431257 loss\_obj: 0.906939 loss\_iou: 0.292262 loss\_l1: 0.000000 size: 720.000000 eta: 7:50:00 batch\_cost: 1.1035 data\_cost: 0.9215 ips: 7.2494 images/s

[03/17 14:29:30] ppdet.engine INFO: Epoch: [26] [300/345] learning\_rate: 0.009858 loss: 2.919466 loss\_cls: 0.442226 loss\_obj: 0.947810 loss\_iou: 0.303193 loss\_l1: 0.000000 size: 624.000000 eta: 7:43:34 batch\_cost: 1.0989 data\_cost: 0.9223 ips: 7.2799 images/s

[03/17 14:35:52] ppdet.engine INFO: Epoch: [27] [300/345] learning\_rate: 0.009844 loss: 2.746325 loss\_cls: 0.424495 loss\_obj: 0.856319 loss\_iou: 0.285408 loss\_l1: 0.000000 size: 704.000000 eta: 7:37:04 batch\_cost: 1.0844 data\_cost: 0.9021 ips: 7.3775 images/s

[03/17 14:42:13] ppdet.engine INFO: Epoch: [28] [300/345] learning\_rate: 0.009831 loss: 2.808275 loss\_cls: 0.422520 loss\_obj: 0.891178 loss\_iou: 0.288813 loss\_l1: 0.000000 size: 640.000000 eta: 7:30:34 batch\_cost: 1.0835 data\_cost: 0.9048 ips: 7.3833 images/s

[03/17 14:48:38] ppdet.engine INFO: Epoch: [29] [300/345] learning\_rate: 0.009816 loss: 2.645694 loss\_cls: 0.418895 loss\_obj: 0.793341 loss\_iou: 0.285408 loss\_l1: 0.000000 size: 608.000000 eta: 7:24:11 batch\_cost: 1.0797 data\_cost: 0.9138 ips: 7.4094 images/s

[03/17 14:55:09] ppdet.engine INFO: Epoch: [30] [300/345] learning\_rate: 0.009801 loss: 2.641235 loss\_cls: 0.418643 loss\_obj: 0.832141 loss\_iou: 0.282014 loss\_l1: 0.000000 size: 672.000000 eta: 7:17:28 batch\_cost: 1.0746 data\_cost: 0.8941 ips: 7.4445 images/s

[03/17 15:01:35] ppdet.engine INFO: Epoch: [31] [300/345] learning\_rate: 0.009786 loss: 2.680083 loss\_cls: 0.411521 loss\_obj: 0.834093 loss\_iou: 0.276714 loss\_l1: 0.000000 size: 640.000000 eta: 7:11:09 batch\_cost: 1.1027 data\_cost: 0.9322 ips: 7.2552 images/s

[03/17 15:07:59] ppdet.engine INFO: Epoch: [32] [300/345] learning\_rate: 0.009770 loss: 2.638024 loss\_cls: 0.419173 loss\_obj: 0.829875 loss\_iou: 0.280548 loss\_l1: 0.000000 size: 656.000000 eta: 7:04:47 batch\_cost: 1.0975 data\_cost: 0.9190 ips: 7.2894 images/s

[03/17 15:14:22] ppdet.engine INFO: Epoch: [33] [300/345] learning\_rate: 0.009753 loss: 2.553289 loss\_cls: 0.413816 loss\_obj: 0.764625 loss\_iou: 0.272875 loss\_l1: 0.000000 size: 672.000000 eta: 6:58:24 batch\_cost: 1.0815 data\_cost: 0.9040 ips: 7.3973 images/s

[03/17 15:20:45] ppdet.engine INFO: Epoch: [34] [300/345] learning\_rate: 0.009736 loss: 2.679521 loss\_cls: 0.428093 loss\_obj: 0.822713 loss\_iou: 0.288066 loss\_l1: 0.000000 size: 672.000000 eta: 6:52:00 batch\_cost: 1.0815 data\_cost: 0.9029 ips: 7.3973 images/s

[03/17 15:27:08] ppdet.engine INFO: Epoch: [35] [300/345] learning\_rate: 0.009718 loss: 2.611338 loss\_cls: 0.420351 loss\_obj: 0.784190 loss\_iou: 0.279167 loss\_l1: 0.000000 size: 720.000000 eta: 6:45:37 batch\_cost: 1.0975 data\_cost: 0.9148 ips: 7.2896 images/s

[03/17 15:33:39] ppdet.engine INFO: Epoch: [36] [300/345] learning\_rate: 0.009700 loss: 2.465850 loss\_cls: 0.399017 loss\_obj: 0.770432 loss\_iou: 0.262173 loss\_l1: 0.000000 size: 640.000000 eta: 6:39:27 batch\_cost: 1.1130 data\_cost: 0.9291 ips: 7.1878 images/s

[03/17 15:40:17] ppdet.engine INFO: Epoch: [37] [300/345] learning\_rate: 0.009681 loss: 2.547202 loss\_cls: 0.406616 loss\_obj: 0.774921 loss\_iou: 0.265496 loss\_l1: 0.000000 size: 608.000000 eta: 6:33:28 batch\_cost: 1.1296 data\_cost: 0.9556 ips: 7.0820 images/s

[03/17 15:46:56] ppdet.engine INFO: Epoch: [38] [300/345] learning\_rate: 0.009661 loss: 2.483534 loss\_cls: 0.405130 loss\_obj: 0.755594 loss\_iou: 0.267693 loss\_l1: 0.000000 size: 592.000000 eta: 6:27:29 batch\_cost: 1.1124 data\_cost: 0.9372 ips: 7.1916 images/s

[03/17 15:53:34] ppdet.engine INFO: Epoch: [39] [300/345] learning\_rate: 0.009641 loss: 2.555288 loss\_cls: 0.410396 loss\_obj: 0.788118 loss\_iou: 0.271204 loss\_l1: 0.000000 size: 656.000000 eta: 6:21:27 batch\_cost: 1.1429 data\_cost: 0.9642 ips: 6.9996 images/s

[03/17 16:00:28] ppdet.engine INFO: Epoch: [40] [300/345] learning\_rate: 0.009620 loss: 2.479915 loss\_cls: 0.396998 loss\_obj: 0.788333 loss\_iou: 0.262010 loss\_l1: 0.000000 size: 608.000000 eta: 6:15:21 batch\_cost: 1.1587 data\_cost: 0.9868 ips: 6.9040 images/s

Found inf or nan, current scale is: 65536.0, decrease to: 65536.0\*0.5

[03/17 16:07:03] ppdet.engine INFO: Epoch: [41] [300/345] learning\_rate: 0.009599 loss: 2.420363 loss\_cls: 0.386903 loss\_obj: 0.741816 loss\_iou: 0.250822 loss\_l1: 0.000000 size: 752.000000 eta: 6:09:12 batch\_cost: 1.1252 data\_cost: 0.9317 ips: 7.1099 images/s

[03/17 16:13:43] ppdet.engine INFO: Epoch: [42] [300/345] learning\_rate: 0.009578 loss: 2.551403 loss\_cls: 0.403074 loss\_obj: 0.799658 loss\_iou: 0.264596 loss\_l1: 0.000000 size: 592.000000 eta: 6:03:08 batch\_cost: 1.1599 data\_cost: 0.9835 ips: 6.8974 images/s

[03/17 16:20:19] ppdet.engine INFO: Epoch: [43] [300/345] learning\_rate: 0.009555 loss: 2.435863 loss\_cls: 0.394793 loss\_obj: 0.755198 loss\_iou: 0.263083 loss\_l1: 0.000000 size: 624.000000 eta: 5:56:59 batch\_cost: 1.1311 data\_cost: 0.9518 ips: 7.0729 images/s

[03/17 16:26:58] ppdet.engine INFO: Epoch: [44] [300/345] learning\_rate: 0.009533 loss: 2.552592 loss\_cls: 0.403966 loss\_obj: 0.833802 loss\_iou: 0.267706 loss\_l1: 0.000000 size: 720.000000 eta: 5:50:52 batch\_cost: 1.1481 data\_cost: 0.9644 ips: 6.9682 images/s

[03/17 16:33:35] ppdet.engine INFO: Epoch: [45] [300/345] learning\_rate: 0.009509 loss: 2.455286 loss\_cls: 0.394498 loss\_obj: 0.745161 loss\_iou: 0.260338 loss\_l1: 0.000000 size: 608.000000 eta: 5:44:41 batch\_cost: 1.1485 data\_cost: 0.9684 ips: 6.9656 images/s

[03/17 16:40:10] ppdet.engine INFO: Epoch: [46] [300/345] learning\_rate: 0.009485 loss: 2.378259 loss\_cls: 0.392186 loss\_obj: 0.660701 loss\_iou: 0.253649 loss\_l1: 0.000000 size: 672.000000 eta: 5:38:27 batch\_cost: 1.1038 data\_cost: 0.9269 ips: 7.2474 images/s

[03/17 16:46:48] ppdet.engine INFO: Epoch: [47] [300/345] learning\_rate: 0.009461 loss: 2.401346 loss\_cls: 0.393547 loss\_obj: 0.720684 loss\_iou: 0.259036 loss\_l1: 0.000000 size: 672.000000 eta: 5:32:16 batch\_cost: 1.1391 data\_cost: 0.9605 ips: 7.0230 images/s

[03/17 16:53:23] ppdet.engine INFO: Epoch: [48] [300/345] learning\_rate: 0.009436 loss: 2.448275 loss\_cls: 0.389862 loss\_obj: 0.773599 loss\_iou: 0.252918 loss\_l1: 0.000000 size: 704.000000 eta: 5:26:00 batch\_cost: 1.1102 data\_cost: 0.9209 ips: 7.2057 images/s

[03/17 17:00:02] ppdet.engine INFO: Epoch: [49] [300/345] learning\_rate: 0.009411 loss: 2.338065 loss\_cls: 0.390121 loss\_obj: 0.684246 loss\_iou: 0.250402 loss\_l1: 0.000000 size: 688.000000 eta: 5:19:48 batch\_cost: 1.1480 data\_cost: 0.9616 ips: 6.9687 images/s

[03/17 17:06:43] ppdet.engine INFO: Epoch: [50] [300/345] learning\_rate: 0.009385 loss: 2.331153 loss\_cls: 0.386661 loss\_obj: 0.700611 loss\_iou: 0.251370 loss\_l1: 0.000000 size: 640.000000 eta: 5:13:20 batch\_cost: 1.0806 data\_cost: 0.9089 ips: 7.4033 images/s

[03/17 17:13:08] ppdet.engine INFO: Epoch: [51] [300/345] learning\_rate: 0.009358 loss: 2.352803 loss\_cls: 0.388308 loss\_obj: 0.688649 loss\_iou: 0.256573 loss\_l1: 0.000000 size: 640.000000 eta: 5:06:54 batch\_cost: 1.1065 data\_cost: 0.9345 ips: 7.2303 images/s

[03/17 17:19:35] ppdet.engine INFO: Epoch: [52] [300/345] learning\_rate: 0.009331 loss: 2.408892 loss\_cls: 0.386592 loss\_obj: 0.704647 loss\_iou: 0.251014 loss\_l1: 0.000000 size: 640.000000 eta: 5:00:31 batch\_cost: 1.1298 data\_cost: 0.9542 ips: 7.0811 images/s

[03/17 17:26:13] ppdet.engine INFO: Epoch: [53] [300/345] learning\_rate: 0.009304 loss: 2.358284 loss\_cls: 0.384154 loss\_obj: 0.683326 loss\_iou: 0.246106 loss\_l1: 0.000000 size: 688.000000 eta: 4:54:16 batch\_cost: 1.1208 data\_cost: 0.9360 ips: 7.1375 images/s

[03/17 17:32:52] ppdet.engine INFO: Epoch: [54] [300/345] learning\_rate: 0.009276 loss: 2.375191 loss\_cls: 0.388685 loss\_obj: 0.693285 loss\_iou: 0.252353 loss\_l1: 0.000000 size: 736.000000 eta: 4:48:02 batch\_cost: 1.1934 data\_cost: 0.9987 ips: 6.7034 images/s

[03/17 17:39:31] ppdet.engine INFO: Epoch: [55] [300/345] learning\_rate: 0.009247 loss: 2.299835 loss\_cls: 0.379413 loss\_obj: 0.689177 loss\_iou: 0.247850 loss\_l1: 0.000000 size: 640.000000 eta: 4:41:47 batch\_cost: 1.1539 data\_cost: 0.9744 ips: 6.9328 images/s

[03/17 17:46:15] ppdet.engine INFO: Epoch: [56] [300/345] learning\_rate: 0.009218 loss: 2.243495 loss\_cls: 0.375119 loss\_obj: 0.633806 loss\_iou: 0.241273 loss\_l1: 0.000000 size: 608.000000 eta: 4:35:35 batch\_cost: 1.1327 data\_cost: 0.9547 ips: 7.0630 images/s

[03/17 17:52:55] ppdet.engine INFO: Epoch: [57] [300/345] learning\_rate: 0.009189 loss: 2.267797 loss\_cls: 0.382142 loss\_obj: 0.680770 loss\_iou: 0.244541 loss\_l1: 0.000000 size: 560.000000 eta: 4:29:20 batch\_cost: 1.1446 data\_cost: 0.9649 ips: 6.9892 images/s

[03/17 17:59:33] ppdet.engine INFO: Epoch: [58] [300/345] learning\_rate: 0.009158 loss: 2.214237 loss\_cls: 0.375630 loss\_obj: 0.635691 loss\_iou: 0.242513 loss\_l1: 0.000000 size: 704.000000 eta: 4:23:03 batch\_cost: 1.1442 data\_cost: 0.9599 ips: 6.9920 images/s

[03/17 18:06:09] ppdet.engine INFO: Epoch: [59] [300/345] learning\_rate: 0.009128 loss: 2.313111 loss\_cls: 0.389637 loss\_obj: 0.687151 loss\_iou: 0.253807 loss\_l1: 0.000000 size: 640.000000 eta: 4:16:43 batch\_cost: 1.1221 data\_cost: 0.9413 ips: 7.1296 images/s

[03/17 18:12:58] ppdet.engine INFO: Epoch: [60] [300/345] learning\_rate: 0.009097 loss: 2.322260 loss\_cls: 0.388049 loss\_obj: 0.674256 loss\_iou: 0.252781 loss\_l1: 0.000000 size: 656.000000 eta: 4:10:20 batch\_cost: 1.1495 data\_cost: 0.9646 ips: 6.9595 images/s

[03/17 18:19:43] ppdet.engine INFO: Epoch: [61] [300/345] learning\_rate: 0.009065 loss: 2.160446 loss\_cls: 0.367315 loss\_obj: 0.641854 loss\_iou: 0.231332 loss\_l1: 0.000000 size: 672.000000 eta: 4:04:06 batch\_cost: 1.1526 data\_cost: 0.9644 ips: 6.9408 images/s

[03/17 18:26:24] ppdet.engine INFO: Epoch: [62] [300/345] learning\_rate: 0.009033 loss: 2.247876 loss\_cls: 0.376794 loss\_obj: 0.688147 loss\_iou: 0.239598 loss\_l1: 0.000000 size: 640.000000 eta: 3:57:48 batch\_cost: 1.1692 data\_cost: 0.9899 ips: 6.8422 images/s

[03/17 18:33:03] ppdet.engine INFO: Epoch: [63] [300/345] learning\_rate: 0.009001 loss: 2.172963 loss\_cls: 0.367558 loss\_obj: 0.616595 loss\_iou: 0.238174 loss\_l1: 0.000000 size: 640.000000 eta: 3:51:29 batch\_cost: 1.1423 data\_cost: 0.9712 ips: 7.0036 images/s

[03/17 18:39:38] ppdet.engine INFO: Epoch: [64] [300/345] learning\_rate: 0.008968 loss: 2.124747 loss\_cls: 0.360193 loss\_obj: 0.641654 loss\_iou: 0.229403 loss\_l1: 0.000000 size: 736.000000 eta: 3:45:07 batch\_cost: 1.0854 data\_cost: 0.9080 ips: 7.3705 images/s

[03/17 18:46:21] ppdet.engine INFO: Epoch: [65] [300/345] learning\_rate: 0.008935 loss: 2.252722 loss\_cls: 0.383555 loss\_obj: 0.634658 loss\_iou: 0.249491 loss\_l1: 0.000000 size: 672.000000 eta: 3:38:49 batch\_cost: 1.1630 data\_cost: 0.9817 ips: 6.8788 images/s

[03/17 18:53:14] ppdet.engine INFO: Epoch: [66] [300/345] learning\_rate: 0.008901 loss: 2.242457 loss\_cls: 0.374560 loss\_obj: 0.685735 loss\_iou: 0.241749 loss\_l1: 0.000000 size: 768.000000 eta: 3:32:36 batch\_cost: 1.1424 data\_cost: 0.9445 ips: 7.0027 images/s

[03/17 18:59:42] ppdet.engine INFO: Epoch: [67] [300/345] learning\_rate: 0.008866 loss: 2.135509 loss\_cls: 0.368066 loss\_obj: 0.634180 loss\_iou: 0.232757 loss\_l1: 0.000000 size: 544.000000 eta: 3:26:09 batch\_cost: 1.0859 data\_cost: 0.9199 ips: 7.3669 images/s

[03/17 19:06:04] ppdet.engine INFO: Epoch: [68] [300/345] learning\_rate: 0.008832 loss: 2.246084 loss\_cls: 0.370147 loss\_obj: 0.647493 loss\_iou: 0.242173 loss\_l1: 0.000000 size: 736.000000 eta: 3:19:41 batch\_cost: 1.1005 data\_cost: 0.9097 ips: 7.2697 images/s

[03/17 19:12:25] ppdet.engine INFO: Epoch: [69] [300/345] learning\_rate: 0.008796 loss: 2.247873 loss\_cls: 0.372048 loss\_obj: 0.654159 loss\_iou: 0.241158 loss\_l1: 0.000000 size: 608.000000 eta: 3:13:12 batch\_cost: 1.0847 data\_cost: 0.9116 ips: 7.3755 images/s

[03/17 19:18:59] ppdet.engine INFO: Epoch: [70] [300/345] learning\_rate: 0.008761 loss: 2.114878 loss\_cls: 0.360213 loss\_obj: 0.581138 loss\_iou: 0.229493 loss\_l1: 0.000000 size: 576.000000 eta: 3:06:42 batch\_cost: 1.0948 data\_cost: 0.9229 ips: 7.3073 images/s

[03/17 19:25:21] ppdet.engine INFO: Epoch: [71] [300/345] learning\_rate: 0.008725 loss: 2.116040 loss\_cls: 0.371534 loss\_obj: 0.588872 loss\_iou: 0.235805 loss\_l1: 0.000000 size: 624.000000 eta: 3:00:14 batch\_cost: 1.0994 data\_cost: 0.9237 ips: 7.2767 images/s

[03/17 19:31:42] ppdet.engine INFO: Epoch: [72] [300/345] learning\_rate: 0.008688 loss: 2.247116 loss\_cls: 0.372491 loss\_obj: 0.693607 loss\_iou: 0.237338 loss\_l1: 0.000000 size: 720.000000 eta: 2:53:46 batch\_cost: 1.0914 data\_cost: 0.9063 ips: 7.3299 images/s

[03/17 19:38:08] ppdet.engine INFO: Epoch: [73] [300/345] learning\_rate: 0.008651 loss: 2.119882 loss\_cls: 0.355524 loss\_obj: 0.622404 loss\_iou: 0.223295 loss\_l1: 0.000000 size: 608.000000 eta: 2:47:20 batch\_cost: 1.0975 data\_cost: 0.9245 ips: 7.2890 images/s

[03/17 19:44:39] ppdet.engine INFO: Epoch: [74] [300/345] learning\_rate: 0.008614 loss: 2.173035 loss\_cls: 0.365811 loss\_obj: 0.654663 loss\_iou: 0.235439 loss\_l1: 0.000000 size: 576.000000 eta: 2:40:57 batch\_cost: 1.0959 data\_cost: 0.9241 ips: 7.2998 images/s

[03/17 19:51:01] ppdet.engine INFO: Epoch: [75] [300/345] learning\_rate: 0.008576 loss: 2.187951 loss\_cls: 0.364176 loss\_obj: 0.633701 loss\_iou: 0.235153 loss\_l1: 0.000000 size: 624.000000 eta: 2:34:30 batch\_cost: 1.1080 data\_cost: 0.9353 ips: 7.2199 images/s

[03/17 19:57:22] ppdet.engine INFO: Epoch: [76] [300/345] learning\_rate: 0.008538 loss: 2.057979 loss\_cls: 0.355518 loss\_obj: 0.579693 loss\_iou: 0.224596 loss\_l1: 0.000000 size: 608.000000 eta: 2:28:03 batch\_cost: 1.0864 data\_cost: 0.9126 ips: 7.3641 images/s

[03/17 20:03:44] ppdet.engine INFO: Epoch: [77] [300/345] learning\_rate: 0.008499 loss: 2.084892 loss\_cls: 0.359139 loss\_obj: 0.566836 loss\_iou: 0.225013 loss\_l1: 0.000000 size: 608.000000 eta: 2:21:37 batch\_cost: 1.0780 data\_cost: 0.9000 ips: 7.4211 images/s

[03/17 20:10:19] ppdet.engine INFO: Epoch: [78] [300/345] learning\_rate: 0.008460 loss: 2.086146 loss\_cls: 0.355754 loss\_obj: 0.605757 loss\_iou: 0.225085 loss\_l1: 0.000000 size: 608.000000 eta: 2:15:14 batch\_cost: 1.1532 data\_cost: 0.9770 ips: 6.9372 images/s

Found inf or nan, current scale is: 65536.0, decrease to: 65536.0\*0.5

[03/17 20:16:43] ppdet.engine INFO: Epoch: [79] [300/345] learning\_rate: 0.008420 loss: 2.114357 loss\_cls: 0.364733 loss\_obj: 0.547654 loss\_iou: 0.232849 loss\_l1: 0.000000 size: 608.000000 eta: 2:08:49 batch\_cost: 1.0888 data\_cost: 0.9239 ips: 7.3477 images/s

[03/17 20:23:14] ppdet.engine INFO: Epoch: [80] [300/345] learning\_rate: 0.008380 loss: 2.030874 loss\_cls: 0.347190 loss\_obj: 0.599396 loss\_iou: 0.218605 loss\_l1: 0.000000 size: 672.000000 eta: 2:02:22 batch\_cost: 1.0799 data\_cost: 0.8967 ips: 7.4082 images/s

[03/17 20:29:33] ppdet.engine INFO: Epoch: [81] [300/345] learning\_rate: 0.008340 loss: 2.116991 loss\_cls: 0.355316 loss\_obj: 0.615483 loss\_iou: 0.226023 loss\_l1: 0.000000 size: 592.000000 eta: 1:55:56 batch\_cost: 1.0879 data\_cost: 0.9175 ips: 7.3535 images/s

[03/17 20:35:52] ppdet.engine INFO: Epoch: [82] [300/345] learning\_rate: 0.008299 loss: 1.997737 loss\_cls: 0.347527 loss\_obj: 0.560959 loss\_iou: 0.215152 loss\_l1: 0.000000 size: 592.000000 eta: 1:49:30 batch\_cost: 1.0799 data\_cost: 0.9065 ips: 7.4078 images/s

[03/17 20:42:12] ppdet.engine INFO: Epoch: [83] [300/345] learning\_rate: 0.008258 loss: 2.095311 loss\_cls: 0.353069 loss\_obj: 0.613382 loss\_iou: 0.218883 loss\_l1: 0.000000 size: 736.000000 eta: 1:43:05 batch\_cost: 1.0957 data\_cost: 0.9055 ips: 7.3012 images/s

[03/17 20:48:39] ppdet.engine INFO: Epoch: [84] [300/345] learning\_rate: 0.008217 loss: 2.171889 loss\_cls: 0.360305 loss\_obj: 0.602422 loss\_iou: 0.228269 loss\_l1: 0.000000 size: 624.000000 eta: 1:36:41 batch\_cost: 1.1590 data\_cost: 0.9810 ips: 6.9027 images/s

[03/17 20:55:21] ppdet.engine INFO: Epoch: [85] [300/345] learning\_rate: 0.008175 loss: 2.046873 loss\_cls: 0.353210 loss\_obj: 0.584819 loss\_iou: 0.220793 loss\_l1: 0.000000 size: 736.000000 eta: 1:30:19 batch\_cost: 1.0851 data\_cost: 0.8962 ips: 7.3723 images/s

[03/17 21:01:42] ppdet.engine INFO: Epoch: [86] [300/345] learning\_rate: 0.008133 loss: 2.049639 loss\_cls: 0.353022 loss\_obj: 0.566891 loss\_iou: 0.224812 loss\_l1: 0.000000 size: 592.000000 eta: 1:23:55 batch\_cost: 1.0665 data\_cost: 0.8969 ips: 7.5010 images/s

[03/17 21:08:04] ppdet.engine INFO: Epoch: [87] [300/345] learning\_rate: 0.008090 loss: 2.078066 loss\_cls: 0.353028 loss\_obj: 0.593776 loss\_iou: 0.220804 loss\_l1: 0.000000 size: 704.000000 eta: 1:17:30 batch\_cost: 1.1272 data\_cost: 0.9437 ips: 7.0970 images/s

[03/17 21:14:54] ppdet.engine INFO: Epoch: [88] [300/345] learning\_rate: 0.008048 loss: 2.020121 loss\_cls: 0.347225 loss\_obj: 0.553874 loss\_iou: 0.216558 loss\_l1: 0.000000 size: 672.000000 eta: 1:11:09 batch\_cost: 1.1307 data\_cost: 0.9477 ips: 7.0750 images/s

[03/17 21:21:52] ppdet.engine INFO: Epoch: [89] [300/345] learning\_rate: 0.008004 loss: 2.067709 loss\_cls: 0.352145 loss\_obj: 0.599938 loss\_iou: 0.220744 loss\_l1: 0.000000 size: 640.000000 eta: 1:04:49 batch\_cost: 1.1165 data\_cost: 0.9476 ips: 7.1651 images/s

[03/17 21:28:27] ppdet.engine INFO: Epoch: [90] [300/345] learning\_rate: 0.007961 loss: 2.047662 loss\_cls: 0.353554 loss\_obj: 0.563651 loss\_iou: 0.222424 loss\_l1: 0.000000 size: 640.000000 eta: 0:58:24 batch\_cost: 1.0866 data\_cost: 0.9086 ips: 7.3621 images/s

[03/17 21:34:48] ppdet.engine INFO: Epoch: [91] [300/345] learning\_rate: 0.007917 loss: 2.033772 loss\_cls: 0.348544 loss\_obj: 0.577189 loss\_iou: 0.217599 loss\_l1: 0.000000 size: 608.000000 eta: 0:51:59 batch\_cost: 1.0999 data\_cost: 0.9208 ips: 7.2731 images/s

[03/17 21:41:20] ppdet.engine INFO: Epoch: [92] [300/345] learning\_rate: 0.007873 loss: 1.999383 loss\_cls: 0.347827 loss\_obj: 0.554515 loss\_iou: 0.220009 loss\_l1: 0.000000 size: 608.000000 eta: 0:45:36 batch\_cost: 1.1701 data\_cost: 0.9923 ips: 6.8373 images/s

[03/17 21:47:43] ppdet.engine INFO: Epoch: [93] [300/345] learning\_rate: 0.007828 loss: 1.955613 loss\_cls: 0.341133 loss\_obj: 0.530328 loss\_iou: 0.208390 loss\_l1: 0.000000 size: 624.000000 eta: 0:39:12 batch\_cost: 1.0750 data\_cost: 0.8971 ips: 7.4419 images/s

[03/17 21:54:06] ppdet.engine INFO: Epoch: [94] [300/345] learning\_rate: 0.007783 loss: 2.008753 loss\_cls: 0.347315 loss\_obj: 0.554761 loss\_iou: 0.220030 loss\_l1: 0.000000 size: 656.000000 eta: 0:32:48 batch\_cost: 1.0753 data\_cost: 0.8980 ips: 7.4398 images/s

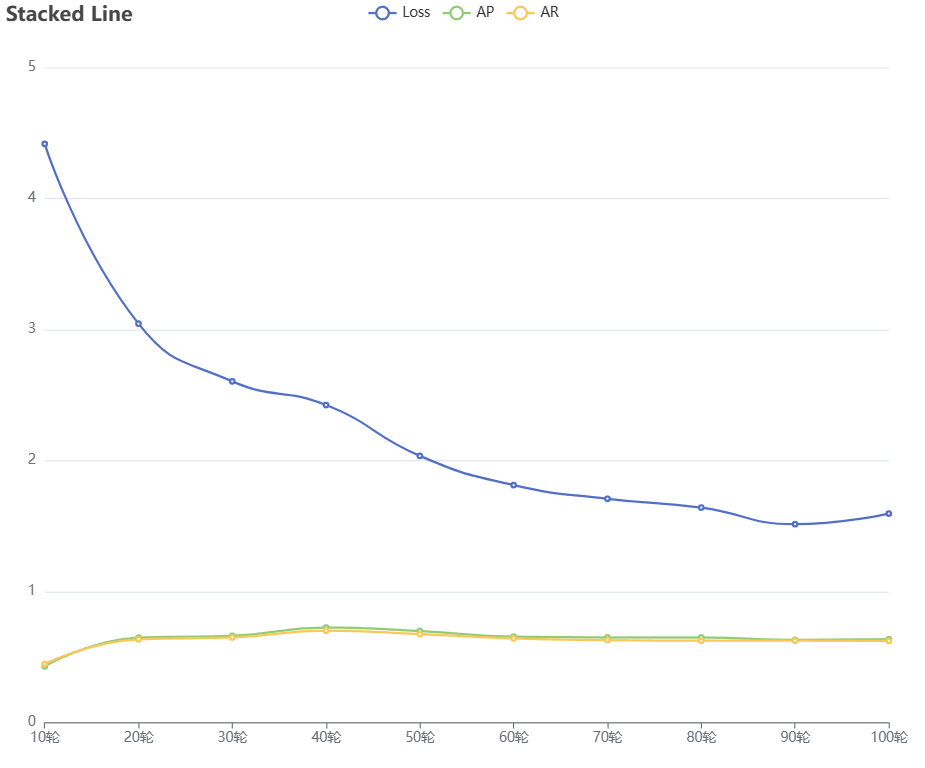
[03/17 22:00:42] ppdet.engine INFO: Epoch: [95] [300/345] learning\_rate: 0.007738 loss: 1.975910 loss\_cls: 0.340983 loss\_obj: 0.553824 loss\_iou: 0.212977 loss\_l1: 0.000000 size: 576.000000 eta: 0:26:24 batch\_cost: 1.2029 data\_cost: 1.0309 ips: 6.6508 images/s

[03/17 22:07:55] ppdet.engine INFO: Epoch: [96] [300/345] learning\_rate: 0.007692 loss: 1.947225 loss\_cls: 0.339503 loss\_obj: 0.563351 loss\_iou: 0.213282 loss\_l1: 0.000000 size: 704.000000 eta: 0:20:02 batch\_cost: 1.2438 data\_cost: 1.0514 ips: 6.4320 images/s

[03/17 22:14:35] ppdet.engine INFO: Epoch: [97] [300/345] learning\_rate: 0.007646 loss: 1.931880 loss\_cls: 0.339531 loss\_obj: 0.516544 loss\_iou: 0.211670 loss\_l1: 0.000000 size: 672.000000 eta: 0:13:38 batch\_cost: 1.2025 data\_cost: 1.0172 ips: 6.6531 images/s

[03/17 22:21:32] ppdet.engine INFO: Epoch: [98] [300/345] learning\_rate: 0.007600 loss: 1.905977 loss\_cls: 0.338430 loss\_obj: 0.511018 loss\_iou: 0.208785 loss\_l1: 0.000000 size: 624.000000 eta: 0:07:14 batch\_cost: 1.1871 data\_cost: 1.0078 ips: 6.7389 images/s

[03/17 22:28:19] ppdet.engine INFO: Epoch: [99] [300/345] learning\_rate: 0.007554 loss: 1.988293 loss\_cls: 0.341286 loss\_obj: 0.552208 loss\_iou: 0.212578 loss\_l1: 0.000000 size: 672.000000 eta: 0:00:50 batch\_cost: 1.1391 data\_cost: 0.9539 ips: 7.0231 images/s



#### 1.5.2 图像分类

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 模型名称 | TOP1 | Batch size | Learning Rate | Model size | Epoch |
| H-Swish + MixConv | 0.96875 | 64 | 0.8 | 20.5mb | 100 |
| H-Swish + MixConv | 0.953125 | 32 | 0.4 | 20.5mb | 100 |
| H-Swish + MixConv | 0.930 | 16 | 0.2 | 20.5mb | 100 |
| HG-Block + LDS Layer | 0.9296 | 128 | 0.5 | 265mb | 100 |
| HG-Block + LDS Layer | 0.945 | 128 | 0.4 | 265mb | 100 |
| HG-Block + LDS Layer | 0.9444 | 128 | 0.3 | 265mb | 100 |
| ResNet50 | 0.95315 | 64 | 0.1 | 90mb | 120 |
| ResNet50 | 0.960 | 32 | 0.01 | 90mb | 120 |
| ResNet50 | 0.9444 | 16 | 0.001 | 90mb | 120 |

##### 1.5.2.1 H-Swish + MixConv-64

[2024/03/04 09:22:49] ppcls INFO: [Train][Epoch 1/100][Iter: 0/2]lr(LinearWarmup): 0.05333333, top1: 0.36364, CELoss: 1.54517, loss: 1.54517, batch\_cost: 18.08730s, reader\_cost: 4.31397, ips: 8.51426 samples/s, eta: 1:00:17

[2024/03/04 09:23:00] ppcls INFO: [Train][Epoch 1/100][Avg]top1: 0.33117, CELoss: 1.60198, loss: 1.60198

[2024/03/04 09:23:02] ppcls INFO: [Eval][Epoch 1][Iter: 0/3]CELoss: 38.13839, loss: 38.13839, top1: 0.00000, batch\_cost: 2.14894s, reader\_cost: 1.41010, ips: 29.78206 images/sec

[2024/03/04 09:23:05] ppcls INFO: [Eval][Epoch 1][Avg]CELoss: 43.59670, loss: 43.59670, top1: 0.08594

[2024/03/04 09:23:05] ppcls INFO: [Eval][Epoch 1][best metric: 0.0859375]

[2024/03/04 09:23:21] ppcls INFO: [Train][Epoch 2/100][Iter: 0/2]lr(LinearWarmup): 0.16000000, top1: 0.21429, CELoss: 10.07653, loss: 10.07653, batch\_cost: 15.09509s, reader\_cost: 2.70571, ips: 10.20199 samples/s, eta: 0:49:48

[2024/03/04 09:23:34] ppcls INFO: [Train][Epoch 2/100][Avg]top1: 0.22727, CELoss: 12.16982, loss: 12.16982

[2024/03/04 09:23:36] ppcls INFO: [Eval][Epoch 2][Iter: 0/3]CELoss: 5828.02832, loss: 5828.02832, top1: 0.40625, batch\_cost: 2.09085s, reader\_cost: 1.41310, ips: 30.60952 images/sec

[2024/03/04 09:23:38] ppcls INFO: [Eval][Epoch 2][Avg]CELoss: 9067.51367, loss: 9067.51367, top1: 0.21875

[2024/03/04 09:23:39] ppcls INFO: [Eval][Epoch 2][best metric: 0.21875]

[2024/03/04 09:23:57] ppcls INFO: [Train][Epoch 3/100][Iter: 0/2]lr(LinearWarmup): 0.26666667, top1: 0.29221, CELoss: 2.26710, loss: 2.26710, batch\_cost: 15.13839s, reader\_cost: 2.40703, ips: 10.17281 samples/s, eta: 0:49:27

[2024/03/04 09:24:08] ppcls INFO: [Train][Epoch 3/100][Avg]top1: 0.25649, CELoss: 2.24167, loss: 2.24167

[2024/03/04 09:24:10] ppcls INFO: [Eval][Epoch 3][Iter: 0/3]CELoss: 20566672.00000, loss: 20566672.00000, top1: 0.59375, batch\_cost: 2.35601s, reader\_cost: 1.52211, ips: 27.16453 images/sec

[2024/03/04 09:24:13] ppcls INFO: [Eval][Epoch 3][Avg]CELoss: 28375784.00000, loss: 28375784.00000, top1: 0.29688

[2024/03/04 09:24:13] ppcls INFO: [Eval][Epoch 3][best metric: 0.296875]

[2024/03/04 09:24:27] ppcls INFO: [Train][Epoch 4/100][Iter: 0/2]lr(LinearWarmup): 0.37333333, top1: 0.28571, CELoss: 1.88361, loss: 1.88361, batch\_cost: 14.34816s, reader\_cost: 2.29373, ips: 10.73308 samples/s, eta: 0:46:23

[2024/03/04 09:24:38] ppcls INFO: [Train][Epoch 4/100][Avg]top1: 0.34416, CELoss: 1.69290, loss: 1.69290

[2024/03/04 09:24:40] ppcls INFO: [Eval][Epoch 4][Iter: 0/3]CELoss: 301168768.00000, loss: 301168768.00000, top1: 0.00000, batch\_cost: 2.10815s, reader\_cost: 1.54539, ips: 30.35840 images/sec

[2024/03/04 09:24:43] ppcls INFO: [Eval][Epoch 4][Avg]CELoss: 223883280.00000, loss: 223883280.00000, top1: 0.08594

[2024/03/04 09:24:43] ppcls INFO: [Eval][Epoch 4][best metric: 0.296875]

[2024/03/04 09:24:59] ppcls INFO: [Train][Epoch 5/100][Iter: 0/2]lr(LinearWarmup): 0.48000000, top1: 0.36364, CELoss: 1.48644, loss: 1.48644, batch\_cost: 13.98844s, reader\_cost: 2.21660, ips: 11.00909 samples/s, eta: 0:44:45

[2024/03/04 09:25:10] ppcls INFO: [Train][Epoch 5/100][Avg]top1: 0.31169, CELoss: 1.48165, loss: 1.48165

[2024/03/04 09:25:12] ppcls INFO: [Eval][Epoch 5][Iter: 0/3]CELoss: 226633312.00000, loss: 226633312.00000, top1: 0.00000, batch\_cost: 2.17736s, reader\_cost: 1.55929, ips: 29.39338 images/sec

[2024/03/04 09:25:15] ppcls INFO: [Eval][Epoch 5][Avg]CELoss: 238500600.00000, loss: 238500600.00000, top1: 0.08594

[2024/03/04 09:25:15] ppcls INFO: [Eval][Epoch 5][best metric: 0.296875]

[2024/03/04 09:25:31] ppcls INFO: [Train][Epoch 6/100][Iter: 0/2]lr(LinearWarmup): 0.58666667, top1: 0.32468, CELoss: 1.36010, loss: 1.36010, batch\_cost: 13.87165s, reader\_cost: 2.21575, ips: 11.10178 samples/s, eta: 0:43:55

[2024/03/04 09:25:40] ppcls INFO: [Train][Epoch 6/100][Avg]top1: 0.26623, CELoss: 1.49740, loss: 1.49740

[2024/03/04 09:25:43] ppcls INFO: [Eval][Epoch 6][Iter: 0/3]CELoss: 499000896.00000, loss: 499000896.00000, top1: 0.00000, batch\_cost: 2.33217s, reader\_cost: 1.51065, ips: 27.44223 images/sec

[2024/03/04 09:25:45] ppcls INFO: [Eval][Epoch 6][Avg]CELoss: 407314144.00000, loss: 407314144.00000, top1: 0.08594

[2024/03/04 09:25:45] ppcls INFO: [Eval][Epoch 6][best metric: 0.296875]

[2024/03/04 09:26:01] ppcls INFO: [Train][Epoch 7/100][Iter: 0/2]lr(LinearWarmup): 0.69333333, top1: 0.38312, CELoss: 1.40740, loss: 1.40740, batch\_cost: 13.62622s, reader\_cost: 2.20819, ips: 11.30174 samples/s, eta: 0:42:41

[2024/03/04 09:26:12] ppcls INFO: [Train][Epoch 7/100][Avg]top1: 0.38312, CELoss: 1.48363, loss: 1.48363

[2024/03/04 09:26:14] ppcls INFO: [Eval][Epoch 7][Iter: 0/3]CELoss: 13734680.00000, loss: 13734680.00000, top1: 0.59375, batch\_cost: 2.37029s, reader\_cost: 1.53509, ips: 27.00096 images/sec

[2024/03/04 09:26:17] ppcls INFO: [Eval][Epoch 7][Avg]CELoss: 22893438.00000, loss: 22893438.00000, top1: 0.29688

[2024/03/04 09:26:17] ppcls INFO: [Eval][Epoch 7][best metric: 0.296875]

[2024/03/04 09:26:31] ppcls INFO: [Train][Epoch 8/100][Iter: 0/2]lr(LinearWarmup): 0.80000000, top1: 0.32468, CELoss: 1.45122, loss: 1.45122, batch\_cost: 13.43278s, reader\_cost: 2.21247, ips: 11.46450 samples/s, eta: 0:41:38

[2024/03/04 09:26:43] ppcls INFO: [Train][Epoch 8/100][Avg]top1: 0.31818, CELoss: 1.41833, loss: 1.41833

[2024/03/04 09:26:45] ppcls INFO: [Eval][Epoch 8][Iter: 0/3]CELoss: 10239347.00000, loss: 10239347.00000, top1: 0.59375, batch\_cost: 2.26288s, reader\_cost: 1.52063, ips: 28.28257 images/sec

[2024/03/04 09:26:48] ppcls INFO: [Eval][Epoch 8][Avg]CELoss: 15546306.50000, loss: 15546306.50000, top1: 0.29688

[2024/03/04 09:26:48] ppcls INFO: [Eval][Epoch 8][best metric: 0.296875]

[2024/03/04 09:27:03] ppcls INFO: [Train][Epoch 9/100][Iter: 0/2]lr(LinearWarmup): 0.79990280, top1: 0.32468, CELoss: 1.35157, loss: 1.35157, batch\_cost: 13.39363s, reader\_cost: 2.20815, ips: 11.49801 samples/s, eta: 0:41:04

[2024/03/04 09:27:14] ppcls INFO: [Train][Epoch 9/100][Avg]top1: 0.45455, CELoss: 1.37061, loss: 1.37061

[2024/03/04 09:27:16] ppcls INFO: [Eval][Epoch 9][Iter: 0/3]CELoss: 15689020.00000, loss: 15689020.00000, top1: 0.59375, batch\_cost: 2.11231s, reader\_cost: 1.54818, ips: 30.29855 images/sec

[2024/03/04 09:27:19] ppcls INFO: [Eval][Epoch 9][Avg]CELoss: 30578174.00000, loss: 30578174.00000, top1: 0.29688

[2024/03/04 09:27:19] ppcls INFO: [Eval][Epoch 9][best metric: 0.296875]

[2024/03/04 09:27:35] ppcls INFO: [Train][Epoch 10/100][Iter: 0/2]lr(LinearWarmup): 0.79961123, top1: 0.46104, CELoss: 1.64292, loss: 1.64292, batch\_cost: 13.35573s, reader\_cost: 2.18524, ips: 11.53063 samples/s, eta: 0:40:30

[2024/03/04 09:27:45] ppcls INFO: [Train][Epoch 10/100][Avg]top1: 0.45779, CELoss: 1.50576, loss: 1.50576

[2024/03/04 09:27:48] ppcls INFO: [Eval][Epoch 10][Iter: 0/3]CELoss: 33939.62500, loss: 33939.62500, top1: 0.40625, batch\_cost: 2.28050s, reader\_cost: 1.52204, ips: 28.06398 images/sec

[2024/03/04 09:27:51] ppcls INFO: [Eval][Epoch 10][Avg]CELoss: 463846.37500, loss: 463846.37500, top1: 0.21875

[2024/03/04 09:27:51] ppcls INFO: [Eval][Epoch 10][best metric: 0.296875]

[2024/03/04 09:28:07] ppcls INFO: [Train][Epoch 11/100][Iter: 0/2]lr(LinearWarmup): 0.79912545, top1: 0.48701, CELoss: 1.27474, loss: 1.27474, batch\_cost: 13.36567s, reader\_cost: 2.17034, ips: 11.52206 samples/s, eta: 0:40:05

[2024/03/04 09:28:19] ppcls INFO: [Train][Epoch 11/100][Avg]top1: 0.51623, CELoss: 1.23954, loss: 1.23954

[2024/03/04 09:28:21] ppcls INFO: [Eval][Epoch 11][Iter: 0/3]CELoss: 526096.25000, loss: 526096.25000, top1: 0.59375, batch\_cost: 2.30946s, reader\_cost: 1.54495, ips: 27.71208 images/sec

[2024/03/04 09:28:24] ppcls INFO: [Eval][Epoch 11][Avg]CELoss: 804569.31250, loss: 804569.31250, top1: 0.29688

[2024/03/04 09:28:24] ppcls INFO: [Eval][Epoch 11][best metric: 0.296875]

[2024/03/04 09:28:39] ppcls INFO: [Train][Epoch 12/100][Iter: 0/2]lr(LinearWarmup): 0.79844569, top1: 0.53896, CELoss: 1.13073, loss: 1.13073, batch\_cost: 13.36086s, reader\_cost: 2.15458, ips: 11.52621 samples/s, eta: 0:39:38

[2024/03/04 09:28:50] ppcls INFO: [Train][Epoch 12/100][Avg]top1: 0.51948, CELoss: 1.40208, loss: 1.40208

[2024/03/04 09:28:53] ppcls INFO: [Eval][Epoch 12][Iter: 0/3]CELoss: 591302.31250, loss: 591302.31250, top1: 0.59375, batch\_cost: 2.31273s, reader\_cost: 1.54756, ips: 27.67293 images/sec

[2024/03/04 09:28:55] ppcls INFO: [Eval][Epoch 12][Avg]CELoss: 1131421.65625, loss: 1131421.65625, top1: 0.29688

[2024/03/04 09:28:55] ppcls INFO: [Eval][Epoch 12][best metric: 0.296875]

[2024/03/04 09:29:12] ppcls INFO: [Train][Epoch 13/100][Iter: 0/2]lr(LinearWarmup): 0.79757227, top1: 0.53247, CELoss: 1.86181, loss: 1.86181, batch\_cost: 13.39727s, reader\_cost: 2.15634, ips: 11.49488 samples/s, eta: 0:39:17

[2024/03/04 09:29:23] ppcls INFO: [Train][Epoch 13/100][Avg]top1: 0.51299, CELoss: 1.54080, loss: 1.54080

[2024/03/04 09:29:26] ppcls INFO: [Eval][Epoch 13][Iter: 0/3]CELoss: 41266.17188, loss: 41266.17188, top1: 0.00000, batch\_cost: 2.39904s, reader\_cost: 1.62185, ips: 26.67735 images/sec

[2024/03/04 09:29:29] ppcls INFO: [Eval][Epoch 13][Avg]CELoss: 46068.85547, loss: 46068.85547, top1: 0.08594

[2024/03/04 09:29:29] ppcls INFO: [Eval][Epoch 13][best metric: 0.296875]

[2024/03/04 09:29:45] ppcls INFO: [Train][Epoch 14/100][Iter: 0/2]lr(LinearWarmup): 0.79650563, top1: 0.40260, CELoss: 1.31053, loss: 1.31053, batch\_cost: 13.38569s, reader\_cost: 2.15429, ips: 11.50482 samples/s, eta: 0:38:49

[2024/03/04 09:29:58] ppcls INFO: [Train][Epoch 14/100][Avg]top1: 0.41234, CELoss: 1.28450, loss: 1.28450

[2024/03/04 09:30:02] ppcls INFO: [Eval][Epoch 14][Iter: 0/3]CELoss: 2965.51172, loss: 2965.51172, top1: 0.59375, batch\_cost: 3.78673s, reader\_cost: 3.02232, ips: 16.90113 images/sec

[2024/03/04 09:30:06] ppcls INFO: [Eval][Epoch 14][Avg]CELoss: 6398.28320, loss: 6398.28320, top1: 0.29688

[2024/03/04 09:30:06] ppcls INFO: [Eval][Epoch 14][best metric: 0.296875]

[2024/03/04 09:30:23] ppcls INFO: [Train][Epoch 15/100][Iter: 0/2]lr(LinearWarmup): 0.79524628, top1: 0.64935, CELoss: 1.04234, loss: 1.04234, batch\_cost: 13.42496s, reader\_cost: 2.20665, ips: 11.47117 samples/s, eta: 0:38:29

[2024/03/04 09:30:40] ppcls INFO: [Train][Epoch 15/100][Avg]top1: 0.61039, CELoss: 1.12539, loss: 1.12539

[2024/03/04 09:30:43] ppcls INFO: [Eval][Epoch 15][Iter: 0/3]CELoss: 12.01458, loss: 12.01458, top1: 0.10938, batch\_cost: 2.87595s, reader\_cost: 2.21317, ips: 22.25354 images/sec

[2024/03/04 09:30:48] ppcls INFO: [Eval][Epoch 15][Avg]CELoss: 11.10988, loss: 11.10988, top1: 0.43750

[2024/03/04 09:30:48] ppcls INFO: [Eval][Epoch 15][best metric: 0.4375]

[2024/03/04 09:31:05] ppcls INFO: [Train][Epoch 16/100][Iter: 0/2]lr(LinearWarmup): 0.79379483, top1: 0.67532, CELoss: 1.05127, loss: 1.05127, batch\_cost: 13.43217s, reader\_cost: 2.24982, ips: 11.46501 samples/s, eta: 0:38:03

[2024/03/04 09:31:22] ppcls INFO: [Train][Epoch 16/100][Avg]top1: 0.59091, CELoss: 1.16285, loss: 1.16285

[2024/03/04 09:31:25] ppcls INFO: [Eval][Epoch 16][Iter: 0/3]CELoss: 4256.34082, loss: 4256.34082, top1: 0.59375, batch\_cost: 2.97424s, reader\_cost: 2.20787, ips: 21.51811 images/sec

[2024/03/04 09:31:29] ppcls INFO: [Eval][Epoch 16][Avg]CELoss: 6551.65332, loss: 6551.65332, top1: 0.29688

[2024/03/04 09:31:29] ppcls INFO: [Eval][Epoch 16][best metric: 0.4375]

[2024/03/04 09:31:47] ppcls INFO: [Train][Epoch 17/100][Iter: 0/2]lr(LinearWarmup): 0.79215199, top1: 0.57792, CELoss: 1.21539, loss: 1.21539, batch\_cost: 13.47452s, reader\_cost: 2.32308, ips: 11.42898 samples/s, eta: 0:37:43

[2024/03/04 09:32:05] ppcls INFO: [Train][Epoch 17/100][Avg]top1: 0.61688, CELoss: 1.10083, loss: 1.10083

[2024/03/04 09:32:08] ppcls INFO: [Eval][Epoch 17][Iter: 0/3]CELoss: 4279.63184, loss: 4279.63184, top1: 0.57812, batch\_cost: 2.99147s, reader\_cost: 2.16705, ips: 21.39416 images/sec

[2024/03/04 09:32:12] ppcls INFO: [Eval][Epoch 17][Avg]CELoss: 7006.87598, loss: 7006.87598, top1: 0.28906

[2024/03/04 09:32:12] ppcls INFO: [Eval][Epoch 17][best metric: 0.4375]

[2024/03/04 09:32:29] ppcls INFO: [Train][Epoch 18/100][Iter: 0/2]lr(LinearWarmup): 0.79031855, top1: 0.66883, CELoss: 1.22775, loss: 1.22775, batch\_cost: 13.46650s, reader\_cost: 2.38018, ips: 11.43579 samples/s, eta: 0:37:15

[2024/03/04 09:32:46] ppcls INFO: [Train][Epoch 18/100][Avg]top1: 0.64610, CELoss: 1.24854, loss: 1.24854

[2024/03/04 09:32:49] ppcls INFO: [Eval][Epoch 18][Iter: 0/3]CELoss: 212.09924, loss: 212.09924, top1: 0.57812, batch\_cost: 2.89460s, reader\_cost: 2.15638, ips: 22.11010 images/sec

[2024/03/04 09:32:54] ppcls INFO: [Eval][Epoch 18][Avg]CELoss: 650.68561, loss: 650.68561, top1: 0.28906

[2024/03/04 09:32:54] ppcls INFO: [Eval][Epoch 18][best metric: 0.4375]

[2024/03/04 09:33:11] ppcls INFO: [Train][Epoch 19/100][Iter: 0/2]lr(LinearWarmup): 0.78829542, top1: 0.57143, CELoss: 1.15488, loss: 1.15488, batch\_cost: 13.46817s, reader\_cost: 2.40716, ips: 11.43436 samples/s, eta: 0:36:48

[2024/03/04 09:33:29] ppcls INFO: [Train][Epoch 19/100][Avg]top1: 0.48701, CELoss: 1.29076, loss: 1.29076

[2024/03/04 09:33:32] ppcls INFO: [Eval][Epoch 19][Iter: 0/3]CELoss: 11.43286, loss: 11.43286, top1: 0.10938, batch\_cost: 2.93615s, reader\_cost: 2.21337, ips: 21.79724 images/sec

[2024/03/04 09:33:37] ppcls INFO: [Eval][Epoch 19][Avg]CELoss: 6.22333, loss: 6.22333, top1: 0.14062

[2024/03/04 09:33:37] ppcls INFO: [Eval][Epoch 19][best metric: 0.4375]

[2024/03/04 09:33:53] ppcls INFO: [Train][Epoch 20/100][Iter: 0/2]lr(LinearWarmup): 0.78608356, top1: 0.66883, CELoss: 1.07895, loss: 1.07895, batch\_cost: 13.46062s, reader\_cost: 2.41735, ips: 11.44078 samples/s, eta: 0:36:20

[2024/03/04 09:34:05] ppcls INFO: [Train][Epoch 20/100][Avg]top1: 0.64286, CELoss: 1.04077, loss: 1.04077

[2024/03/04 09:34:08] ppcls INFO: [Eval][Epoch 20][Iter: 0/3]CELoss: 23.25866, loss: 23.25866, top1: 0.01562, batch\_cost: 2.35248s, reader\_cost: 1.58620, ips: 27.20529 images/sec

[2024/03/04 09:34:11] ppcls INFO: [Eval][Epoch 20][Avg]CELoss: 20.60437, loss: 20.60437, top1: 0.09375

[2024/03/04 09:34:11] ppcls INFO: [Eval][Epoch 20][best metric: 0.4375]

[2024/03/04 09:34:27] ppcls INFO: [Train][Epoch 21/100][Iter: 0/2]lr(LinearWarmup): 0.78368407, top1: 0.55195, CELoss: 1.19013, loss: 1.19013, batch\_cost: 13.46139s, reader\_cost: 2.41532, ips: 11.44013 samples/s, eta: 0:35:53

[2024/03/04 09:34:39] ppcls INFO: [Train][Epoch 21/100][Avg]top1: 0.57792, CELoss: 1.16867, loss: 1.16867

[2024/03/04 09:34:41] ppcls INFO: [Eval][Epoch 21][Iter: 0/3]CELoss: 1.00013, loss: 1.00013, top1: 0.57812, batch\_cost: 2.31093s, reader\_cost: 1.63843, ips: 27.69443 images/sec

[2024/03/04 09:34:44] ppcls INFO: [Eval][Epoch 21][Avg]CELoss: 1.47362, loss: 1.47362, top1: 0.28906

[2024/03/04 09:34:44] ppcls INFO: [Eval][Epoch 21][best metric: 0.4375]

[2024/03/04 09:35:00] ppcls INFO: [Train][Epoch 22/100][Iter: 0/2]lr(LinearWarmup): 0.78109809, top1: 0.62338, CELoss: 1.13100, loss: 1.13100, batch\_cost: 13.43840s, reader\_cost: 2.40236, ips: 11.45970 samples/s, eta: 0:35:23

[2024/03/04 09:35:12] ppcls INFO: [Train][Epoch 22/100][Avg]top1: 0.62338, CELoss: 1.07138, loss: 1.07138

[2024/03/04 09:35:15] ppcls INFO: [Eval][Epoch 22][Iter: 0/3]CELoss: 309.29401, loss: 309.29401, top1: 0.57812, batch\_cost: 2.85684s, reader\_cost: 1.76446, ips: 22.40238 images/sec

[2024/03/04 09:35:18] ppcls INFO: [Eval][Epoch 22][Avg]CELoss: 386.72774, loss: 386.72774, top1: 0.28906

[2024/03/04 09:35:18] ppcls INFO: [Eval][Epoch 22][best metric: 0.4375]

[2024/03/04 09:35:34] ppcls INFO: [Train][Epoch 23/100][Iter: 0/2]lr(LinearWarmup): 0.77832690, top1: 0.63636, CELoss: 1.10702, loss: 1.10702, batch\_cost: 13.44003s, reader\_cost: 2.40007, ips: 11.45831 samples/s, eta: 0:34:56

[2024/03/04 09:35:46] ppcls INFO: [Train][Epoch 23/100][Avg]top1: 0.65584, CELoss: 1.72661, loss: 1.72661

[2024/03/04 09:35:49] ppcls INFO: [Eval][Epoch 23][Iter: 0/3]CELoss: 113.79678, loss: 113.79678, top1: 0.42188, batch\_cost: 2.31382s, reader\_cost: 1.59320, ips: 27.65990 images/sec

[2024/03/04 09:35:52] ppcls INFO: [Eval][Epoch 23][Avg]CELoss: 97.84917, loss: 97.84917, top1: 0.22656

[2024/03/04 09:35:52] ppcls INFO: [Eval][Epoch 23][best metric: 0.4375]

[2024/03/04 09:36:08] ppcls INFO: [Train][Epoch 24/100][Iter: 0/2]lr(LinearWarmup): 0.77537183, top1: 0.69481, CELoss: 1.05535, loss: 1.05535, batch\_cost: 13.43550s, reader\_cost: 2.39488, ips: 11.46217 samples/s, eta: 0:34:29

[2024/03/04 09:36:19] ppcls INFO: [Train][Epoch 24/100][Avg]top1: 0.67532, CELoss: 1.01466, loss: 1.01466

[2024/03/04 09:36:22] ppcls INFO: [Eval][Epoch 24][Iter: 0/3]CELoss: 6.80063, loss: 6.80063, top1: 0.10938, batch\_cost: 2.29859s, reader\_cost: 1.58399, ips: 27.84310 images/sec

[2024/03/04 09:36:25] ppcls INFO: [Eval][Epoch 24][Avg]CELoss: 5.37680, loss: 5.37680, top1: 0.14062

[2024/03/04 09:36:25] ppcls INFO: [Eval][Epoch 24][best metric: 0.4375]

[2024/03/04 09:36:40] ppcls INFO: [Train][Epoch 25/100][Iter: 0/2]lr(LinearWarmup): 0.77223432, top1: 0.75974, CELoss: 0.87255, loss: 0.87255, batch\_cost: 13.40573s, reader\_cost: 2.38860, ips: 11.48763 samples/s, eta: 0:33:57

[2024/03/04 09:36:52] ppcls INFO: [Train][Epoch 25/100][Avg]top1: 0.71429, CELoss: 1.02459, loss: 1.02459

[2024/03/04 09:36:54] ppcls INFO: [Eval][Epoch 25][Iter: 0/3]CELoss: 14.82573, loss: 14.82573, top1: 0.51562, batch\_cost: 2.31300s, reader\_cost: 1.58741, ips: 27.66967 images/sec

[2024/03/04 09:36:57] ppcls INFO: [Eval][Epoch 25][Avg]CELoss: 19.64087, loss: 19.64087, top1: 0.27344

[2024/03/04 09:36:57] ppcls INFO: [Eval][Epoch 25][best metric: 0.4375]

[2024/03/04 09:37:13] ppcls INFO: [Train][Epoch 26/100][Iter: 0/2]lr(LinearWarmup): 0.76891590, top1: 0.66234, CELoss: 1.09192, loss: 1.09192, batch\_cost: 13.39210s, reader\_cost: 2.37458, ips: 11.49932 samples/s, eta: 0:33:28

[2024/03/04 09:37:24] ppcls INFO: [Train][Epoch 26/100][Avg]top1: 0.67208, CELoss: 1.00029, loss: 1.00029

[2024/03/04 09:37:26] ppcls INFO: [Eval][Epoch 26][Iter: 0/3]CELoss: 2.61381, loss: 2.61381, top1: 0.43750, batch\_cost: 2.29605s, reader\_cost: 1.58586, ips: 27.87392 images/sec

[2024/03/04 09:37:29] ppcls INFO: [Eval][Epoch 26][Avg]CELoss: 2.09018, loss: 2.09018, top1: 0.44531

[2024/03/04 09:37:29] ppcls INFO: [Eval][Epoch 26][best metric: 0.4453125]

[2024/03/04 09:37:44] ppcls INFO: [Train][Epoch 27/100][Iter: 0/2]lr(LinearWarmup): 0.76541818, top1: 0.60390, CELoss: 1.04627, loss: 1.04627, batch\_cost: 13.36292s, reader\_cost: 2.36185, ips: 11.52442 samples/s, eta: 0:32:57

[2024/03/04 09:37:57] ppcls INFO: [Train][Epoch 27/100][Avg]top1: 0.66558, CELoss: 1.05651, loss: 1.05651

[2024/03/04 09:37:59] ppcls INFO: [Eval][Epoch 27][Iter: 0/3]CELoss: 1.70483, loss: 1.70483, top1: 0.50000, batch\_cost: 1.91719s, reader\_cost: 1.61916, ips: 33.38214 images/sec

[2024/03/04 09:38:02] ppcls INFO: [Eval][Epoch 27][Avg]CELoss: 1.92482, loss: 1.92482, top1: 0.57031

[2024/03/04 09:38:02] ppcls INFO: [Eval][Epoch 27][best metric: 0.5703125]

[2024/03/04 09:38:19] ppcls INFO: [Train][Epoch 28/100][Iter: 0/2]lr(LinearWarmup): 0.76174286, top1: 0.69481, CELoss: 0.99037, loss: 0.99037, batch\_cost: 13.38444s, reader\_cost: 2.36160, ips: 11.50589 samples/s, eta: 0:32:34

[2024/03/04 09:38:31] ppcls INFO: [Train][Epoch 28/100][Avg]top1: 0.69805, CELoss: 1.00118, loss: 1.00118

[2024/03/04 09:38:34] ppcls INFO: [Eval][Epoch 28][Iter: 0/3]CELoss: 2.35819, loss: 2.35819, top1: 0.32812, batch\_cost: 2.46692s, reader\_cost: 1.64963, ips: 25.94333 images/sec

[2024/03/04 09:38:37] ppcls INFO: [Eval][Epoch 28][Avg]CELoss: 1.47921, loss: 1.47921, top1: 0.56250

[2024/03/04 09:38:37] ppcls INFO: [Eval][Epoch 28][best metric: 0.5703125]

[2024/03/04 09:38:53] ppcls INFO: [Train][Epoch 29/100][Iter: 0/2]lr(LinearWarmup): 0.75789173, top1: 0.68182, CELoss: 0.96356, loss: 0.96356, batch\_cost: 13.38773s, reader\_cost: 2.35629, ips: 11.50307 samples/s, eta: 0:32:07

[2024/03/04 09:39:05] ppcls INFO: [Train][Epoch 29/100][Avg]top1: 0.68831, CELoss: 0.93825, loss: 0.93825

[2024/03/04 09:39:08] ppcls INFO: [Eval][Epoch 29][Iter: 0/3]CELoss: 1.28820, loss: 1.28820, top1: 0.54688, batch\_cost: 2.27424s, reader\_cost: 1.62357, ips: 28.14124 images/sec

[2024/03/04 09:39:11] ppcls INFO: [Eval][Epoch 29][Avg]CELoss: 0.90920, loss: 0.90920, top1: 0.65625

[2024/03/04 09:39:11] ppcls INFO: [Eval][Epoch 29][best metric: 0.65625]

[2024/03/04 09:39:27] ppcls INFO: [Train][Epoch 30/100][Iter: 0/2]lr(LinearWarmup): 0.75386666, top1: 0.69481, CELoss: 0.95104, loss: 0.95104, batch\_cost: 13.39469s, reader\_cost: 2.35291, ips: 11.49710 samples/s, eta: 0:31:42

[2024/03/04 09:39:39] ppcls INFO: [Train][Epoch 30/100][Avg]top1: 0.75325, CELoss: 0.86150, loss: 0.86150

[2024/03/04 09:39:41] ppcls INFO: [Eval][Epoch 30][Iter: 0/3]CELoss: 1.22651, loss: 1.22651, top1: 0.50000, batch\_cost: 2.37398s, reader\_cost: 1.58664, ips: 26.95892 images/sec

[2024/03/04 09:39:44] ppcls INFO: [Eval][Epoch 30][Avg]CELoss: 0.84248, loss: 0.84248, top1: 0.66406

[2024/03/04 09:39:45] ppcls INFO: [Eval][Epoch 30][best metric: 0.6640625]

[2024/03/04 09:40:01] ppcls INFO: [Train][Epoch 31/100][Iter: 0/2]lr(LinearWarmup): 0.74966960, top1: 0.72078, CELoss: 0.85257, loss: 0.85257, batch\_cost: 13.39132s, reader\_cost: 2.34658, ips: 11.49998 samples/s, eta: 0:31:14

[2024/03/04 09:40:12] ppcls INFO: [Train][Epoch 31/100][Avg]top1: 0.73701, CELoss: 0.90504, loss: 0.90504

[2024/03/04 09:40:14] ppcls INFO: [Eval][Epoch 31][Iter: 0/3]CELoss: 1.06975, loss: 1.06975, top1: 0.57812, batch\_cost: 2.20031s, reader\_cost: 1.59135, ips: 29.08676 images/sec

[2024/03/04 09:40:17] ppcls INFO: [Eval][Epoch 31][Avg]CELoss: 0.67169, loss: 0.67169, top1: 0.75781

[2024/03/04 09:40:18] ppcls INFO: [Eval][Epoch 31][best metric: 0.7578125]

[2024/03/04 09:40:32] ppcls INFO: [Train][Epoch 32/100][Iter: 0/2]lr(LinearWarmup): 0.74530259, top1: 0.72727, CELoss: 1.04062, loss: 1.04062, batch\_cost: 13.36349s, reader\_cost: 2.33861, ips: 11.52394 samples/s, eta: 0:30:44

[2024/03/04 09:40:44] ppcls INFO: [Train][Epoch 32/100][Avg]top1: 0.68506, CELoss: 1.09816, loss: 1.09816

[2024/03/04 09:40:47] ppcls INFO: [Eval][Epoch 32][Iter: 0/3]CELoss: 0.96885, loss: 0.96885, top1: 0.68750, batch\_cost: 2.41188s, reader\_cost: 1.57199, ips: 26.53533 images/sec

[2024/03/04 09:40:50] ppcls INFO: [Eval][Epoch 32][Avg]CELoss: 0.65061, loss: 0.65061, top1: 0.79688

[2024/03/04 09:40:50] ppcls INFO: [Eval][Epoch 32][best metric: 0.796875]

[2024/03/04 09:41:06] ppcls INFO: [Train][Epoch 33/100][Iter: 0/2]lr(LinearWarmup): 0.74076776, top1: 0.71429, CELoss: 0.98031, loss: 0.98031, batch\_cost: 13.35581s, reader\_cost: 2.33554, ips: 11.53056 samples/s, eta: 0:30:16

[2024/03/04 09:41:18] ppcls INFO: [Train][Epoch 33/100][Avg]top1: 0.73701, CELoss: 0.93323, loss: 0.93323

[2024/03/04 09:41:20] ppcls INFO: [Eval][Epoch 33][Iter: 0/3]CELoss: 1.68446, loss: 1.68446, top1: 0.51562, batch\_cost: 2.39672s, reader\_cost: 1.61813, ips: 26.70320 images/sec

[2024/03/04 09:41:23] ppcls INFO: [Eval][Epoch 33][Avg]CELoss: 0.95366, loss: 0.95366, top1: 0.71875

[2024/03/04 09:41:23] ppcls INFO: [Eval][Epoch 33][best metric: 0.796875]

[2024/03/04 09:41:38] ppcls INFO: [Train][Epoch 34/100][Iter: 0/2]lr(LinearWarmup): 0.73606732, top1: 0.67532, CELoss: 0.95762, loss: 0.95762, batch\_cost: 13.35033s, reader\_cost: 2.33064, ips: 11.53529 samples/s, eta: 0:29:48

[2024/03/04 09:41:51] ppcls INFO: [Train][Epoch 34/100][Avg]top1: 0.71429, CELoss: 0.94682, loss: 0.94682

[2024/03/04 09:41:53] ppcls INFO: [Eval][Epoch 34][Iter: 0/3]CELoss: 1.23078, loss: 1.23078, top1: 0.53125, batch\_cost: 2.31242s, reader\_cost: 1.57327, ips: 27.67666 images/sec

[2024/03/04 09:41:56] ppcls INFO: [Eval][Epoch 34][Avg]CELoss: 0.82674, loss: 0.82674, top1: 0.69531

[2024/03/04 09:41:56] ppcls INFO: [Eval][Epoch 34][best metric: 0.796875]

[2024/03/04 09:42:12] ppcls INFO: [Train][Epoch 35/100][Iter: 0/2]lr(LinearWarmup): 0.73120353, top1: 0.68831, CELoss: 1.53420, loss: 1.53420, batch\_cost: 13.34337s, reader\_cost: 2.32826, ips: 11.54131 samples/s, eta: 0:29:21

[2024/03/04 09:42:23] ppcls INFO: [Train][Epoch 35/100][Avg]top1: 0.67857, CELoss: 1.87802, loss: 1.87802

[2024/03/04 09:42:26] ppcls INFO: [Eval][Epoch 35][Iter: 0/3]CELoss: 8.99265, loss: 8.99265, top1: 0.31250, batch\_cost: 2.41346s, reader\_cost: 1.58893, ips: 26.51793 images/sec

[2024/03/04 09:42:29] ppcls INFO: [Eval][Epoch 35][Avg]CELoss: 10.37740, loss: 10.37740, top1: 0.20312

[2024/03/04 09:42:29] ppcls INFO: [Eval][Epoch 35][best metric: 0.796875]

[2024/03/04 09:42:44] ppcls INFO: [Train][Epoch 36/100][Iter: 0/2]lr(LinearWarmup): 0.72617878, top1: 0.65584, CELoss: 2.36839, loss: 2.36839, batch\_cost: 13.33183s, reader\_cost: 2.32283, ips: 11.55130 samples/s, eta: 0:28:53

[2024/03/04 09:42:56] ppcls INFO: [Train][Epoch 36/100][Avg]top1: 0.67857, CELoss: 4.02610, loss: 4.02610

[2024/03/04 09:42:58] ppcls INFO: [Eval][Epoch 36][Iter: 0/3]CELoss: 7258.90527, loss: 7258.90527, top1: 0.59375, batch\_cost: 2.31847s, reader\_cost: 1.59973, ips: 27.60438 images/sec

[2024/03/04 09:43:01] ppcls INFO: [Eval][Epoch 36][Avg]CELoss: 14768.01514, loss: 14768.01514, top1: 0.29688

[2024/03/04 09:43:01] ppcls INFO: [Eval][Epoch 36][best metric: 0.796875]

[2024/03/04 09:43:18] ppcls INFO: [Train][Epoch 37/100][Iter: 0/2]lr(LinearWarmup): 0.72099550, top1: 0.59740, CELoss: 1.44111, loss: 1.44111, batch\_cost: 13.33429s, reader\_cost: 2.32350, ips: 11.54917 samples/s, eta: 0:28:26

[2024/03/04 09:43:29] ppcls INFO: [Train][Epoch 37/100][Avg]top1: 0.56169, CELoss: 1.29863, loss: 1.29863

[2024/03/04 09:43:32] ppcls INFO: [Eval][Epoch 37][Iter: 0/3]CELoss: 11.89601, loss: 11.89601, top1: 0.54688, batch\_cost: 2.38557s, reader\_cost: 1.62618, ips: 26.82799 images/sec

[2024/03/04 09:43:35] ppcls INFO: [Eval][Epoch 37][Avg]CELoss: 18.90036, loss: 18.90036, top1: 0.27344

[2024/03/04 09:43:35] ppcls INFO: [Eval][Epoch 37][best metric: 0.796875]

[2024/03/04 09:43:51] ppcls INFO: [Train][Epoch 38/100][Iter: 0/2]lr(LinearWarmup): 0.71565620, top1: 0.60390, CELoss: 1.02707, loss: 1.02707, batch\_cost: 13.32424s, reader\_cost: 2.32182, ips: 11.55789 samples/s, eta: 0:27:58

[2024/03/04 09:44:02] ppcls INFO: [Train][Epoch 38/100][Avg]top1: 0.56818, CELoss: 1.12065, loss: 1.12065

[2024/03/04 09:44:05] ppcls INFO: [Eval][Epoch 38][Iter: 0/3]CELoss: 893.96387, loss: 893.96387, top1: 0.01562, batch\_cost: 2.36113s, reader\_cost: 1.60768, ips: 27.10567 images/sec

[2024/03/04 09:44:08] ppcls INFO: [Eval][Epoch 38][Avg]CELoss: 626.74405, loss: 626.74405, top1: 0.40625

[2024/03/04 09:44:08] ppcls INFO: [Eval][Epoch 38][best metric: 0.796875]

[2024/03/04 09:44:23] ppcls INFO: [Train][Epoch 39/100][Iter: 0/2]lr(LinearWarmup): 0.71016350, top1: 0.61688, CELoss: 1.11783, loss: 1.11783, batch\_cost: 13.30949s, reader\_cost: 2.31881, ips: 11.57069 samples/s, eta: 0:27:30

[2024/03/04 09:44:35] ppcls INFO: [Train][Epoch 39/100][Avg]top1: 0.67532, CELoss: 1.01243, loss: 1.01243

[2024/03/04 09:44:37] ppcls INFO: [Eval][Epoch 39][Iter: 0/3]CELoss: 533.47437, loss: 533.47437, top1: 0.59375, batch\_cost: 2.37382s, reader\_cost: 1.55244, ips: 26.96076 images/sec

[2024/03/04 09:44:40] ppcls INFO: [Eval][Epoch 39][Avg]CELoss: 978.45428, loss: 978.45428, top1: 0.29688

[2024/03/04 09:44:40] ppcls INFO: [Eval][Epoch 39][best metric: 0.796875]

[2024/03/04 09:44:56] ppcls INFO: [Train][Epoch 40/100][Iter: 0/2]lr(LinearWarmup): 0.70452004, top1: 0.59091, CELoss: 1.07561, loss: 1.07561, batch\_cost: 13.29321s, reader\_cost: 2.31670, ips: 11.58486 samples/s, eta: 0:27:01

[2024/03/04 09:45:08] ppcls INFO: [Train][Epoch 40/100][Avg]top1: 0.61688, CELoss: 1.03680, loss: 1.03680

[2024/03/04 09:45:10] ppcls INFO: [Eval][Epoch 40][Iter: 0/3]CELoss: 1.17803, loss: 1.17803, top1: 0.42188, batch\_cost: 2.69843s, reader\_cost: 1.85040, ips: 23.71748 images/sec

[2024/03/04 09:45:13] ppcls INFO: [Eval][Epoch 40][Avg]CELoss: 1.61551, loss: 1.61551, top1: 0.22656

[2024/03/04 09:45:13] ppcls INFO: [Eval][Epoch 40][best metric: 0.796875]

[2024/03/04 09:45:29] ppcls INFO: [Train][Epoch 41/100][Iter: 0/2]lr(LinearWarmup): 0.69872859, top1: 0.68831, CELoss: 0.90929, loss: 0.90929, batch\_cost: 13.28382s, reader\_cost: 2.31661, ips: 11.59305 samples/s, eta: 0:26:34

[2024/03/04 09:45:41] ppcls INFO: [Train][Epoch 41/100][Avg]top1: 0.67532, CELoss: 0.94735, loss: 0.94735

[2024/03/04 09:45:43] ppcls INFO: [Eval][Epoch 41][Iter: 0/3]CELoss: 29.23607, loss: 29.23607, top1: 0.56250, batch\_cost: 2.17095s, reader\_cost: 1.60868, ips: 29.48014 images/sec

[2024/03/04 09:45:46] ppcls INFO: [Eval][Epoch 41][Avg]CELoss: 25.00000, loss: 25.00000, top1: 0.28125

[2024/03/04 09:45:46] ppcls INFO: [Eval][Epoch 41][best metric: 0.796875]

[2024/03/04 09:46:02] ppcls INFO: [Train][Epoch 42/100][Iter: 0/2]lr(LinearWarmup): 0.69279195, top1: 0.65584, CELoss: 0.99984, loss: 0.99984, batch\_cost: 13.26782s, reader\_cost: 2.31421, ips: 11.60703 samples/s, eta: 0:26:05

[2024/03/04 09:46:14] ppcls INFO: [Train][Epoch 42/100][Avg]top1: 0.70455, CELoss: 0.91752, loss: 0.91752

[2024/03/04 09:46:16] ppcls INFO: [Eval][Epoch 42][Iter: 0/3]CELoss: 259.06381, loss: 259.06381, top1: 0.60938, batch\_cost: 2.24565s, reader\_cost: 1.59231, ips: 28.49950 images/sec

[2024/03/04 09:46:19] ppcls INFO: [Eval][Epoch 42][Avg]CELoss: 275.54176, loss: 275.54176, top1: 0.30469

[2024/03/04 09:46:19] ppcls INFO: [Eval][Epoch 42][best metric: 0.796875]

[2024/03/04 09:46:36] ppcls INFO: [Train][Epoch 43/100][Iter: 0/2]lr(LinearWarmup): 0.68671301, top1: 0.74026, CELoss: 0.87655, loss: 0.87655, batch\_cost: 13.27518s, reader\_cost: 2.31948, ips: 11.60059 samples/s, eta: 0:25:39

[2024/03/04 09:46:47] ppcls INFO: [Train][Epoch 43/100][Avg]top1: 0.67208, CELoss: 0.97919, loss: 0.97919

[2024/03/04 09:46:50] ppcls INFO: [Eval][Epoch 43][Iter: 0/3]CELoss: 73.11191, loss: 73.11191, top1: 0.59375, batch\_cost: 2.34714s, reader\_cost: 1.59318, ips: 27.26722 images/sec

[2024/03/04 09:46:53] ppcls INFO: [Eval][Epoch 43][Avg]CELoss: 80.16293, loss: 80.16293, top1: 0.29688

[2024/03/04 09:46:53] ppcls INFO: [Eval][Epoch 43][best metric: 0.796875]

[2024/03/04 09:47:09] ppcls INFO: [Train][Epoch 44/100][Iter: 0/2]lr(LinearWarmup): 0.68049471, top1: 0.67532, CELoss: 1.06443, loss: 1.06443, batch\_cost: 13.27460s, reader\_cost: 2.31522, ips: 11.60110 samples/s, eta: 0:25:13

[2024/03/04 09:47:20] ppcls INFO: [Train][Epoch 44/100][Avg]top1: 0.68182, CELoss: 1.00201, loss: 1.00201

[2024/03/04 09:47:23] ppcls INFO: [Eval][Epoch 44][Iter: 0/3]CELoss: 1.85918, loss: 1.85918, top1: 0.18750, batch\_cost: 2.32211s, reader\_cost: 1.56480, ips: 27.56109 images/sec

[2024/03/04 09:47:26] ppcls INFO: [Eval][Epoch 44][Avg]CELoss: 2.30083, loss: 2.30083, top1: 0.11719

[2024/03/04 09:47:26] ppcls INFO: [Eval][Epoch 44][best metric: 0.796875]

[2024/03/04 09:47:42] ppcls INFO: [Train][Epoch 45/100][Iter: 0/2]lr(LinearWarmup): 0.67414010, top1: 0.55195, CELoss: 1.06227, loss: 1.06227, batch\_cost: 13.27428s, reader\_cost: 2.31389, ips: 11.60138 samples/s, eta: 0:24:46

[2024/03/04 09:47:53] ppcls INFO: [Train][Epoch 45/100][Avg]top1: 0.63312, CELoss: 0.96354, loss: 0.96354

[2024/03/04 09:47:56] ppcls INFO: [Eval][Epoch 45][Iter: 0/3]CELoss: 1.56394, loss: 1.56394, top1: 0.46875, batch\_cost: 2.34670s, reader\_cost: 1.56012, ips: 27.27230 images/sec

[2024/03/04 09:47:59] ppcls INFO: [Eval][Epoch 45][Avg]CELoss: 1.85817, loss: 1.85817, top1: 0.39062

[2024/03/04 09:47:59] ppcls INFO: [Eval][Epoch 45][best metric: 0.796875]

[2024/03/04 09:48:14] ppcls INFO: [Train][Epoch 46/100][Iter: 0/2]lr(LinearWarmup): 0.66765224, top1: 0.66883, CELoss: 0.98556, loss: 0.98556, batch\_cost: 13.26885s, reader\_cost: 2.30864, ips: 11.60613 samples/s, eta: 0:24:19

[2024/03/04 09:48:26] ppcls INFO: [Train][Epoch 46/100][Avg]top1: 0.68831, CELoss: 0.91919, loss: 0.91919

[2024/03/04 09:48:28] ppcls INFO: [Eval][Epoch 46][Iter: 0/3]CELoss: 1.10184, loss: 1.10184, top1: 0.54688, batch\_cost: 2.39007s, reader\_cost: 1.57127, ips: 26.77745 images/sec

[2024/03/04 09:48:31] ppcls INFO: [Eval][Epoch 46][Avg]CELoss: 1.39140, loss: 1.39140, top1: 0.53125

[2024/03/04 09:48:31] ppcls INFO: [Eval][Epoch 46][best metric: 0.796875]

[2024/03/04 09:48:47] ppcls INFO: [Train][Epoch 47/100][Iter: 0/2]lr(LinearWarmup): 0.66103430, top1: 0.72078, CELoss: 0.99057, loss: 0.99057, batch\_cost: 13.26903s, reader\_cost: 2.30756, ips: 11.60597 samples/s, eta: 0:23:53

[2024/03/04 09:48:59] ppcls INFO: [Train][Epoch 47/100][Avg]top1: 0.68182, CELoss: 1.04631, loss: 1.04631

[2024/03/04 09:49:01] ppcls INFO: [Eval][Epoch 47][Iter: 0/3]CELoss: 1.03874, loss: 1.03874, top1: 0.60938, batch\_cost: 2.25128s, reader\_cost: 1.56750, ips: 28.42822 images/sec

[2024/03/04 09:49:04] ppcls INFO: [Eval][Epoch 47][Avg]CELoss: 1.06137, loss: 1.06137, top1: 0.63281

[2024/03/04 09:49:04] ppcls INFO: [Eval][Epoch 47][best metric: 0.796875]

[2024/03/04 09:49:20] ppcls INFO: [Train][Epoch 48/100][Iter: 0/2]lr(LinearWarmup): 0.65428950, top1: 0.75325, CELoss: 0.84096, loss: 0.84096, batch\_cost: 13.25356s, reader\_cost: 2.30590, ips: 11.61952 samples/s, eta: 0:23:24

[2024/03/04 09:49:32] ppcls INFO: [Train][Epoch 48/100][Avg]top1: 0.73701, CELoss: 0.87619, loss: 0.87619

[2024/03/04 09:49:34] ppcls INFO: [Eval][Epoch 48][Iter: 0/3]CELoss: 1.80854, loss: 1.80854, top1: 0.32812, batch\_cost: 2.29730s, reader\_cost: 1.59763, ips: 27.85875 images/sec

[2024/03/04 09:49:37] ppcls INFO: [Eval][Epoch 48][Avg]CELoss: 1.52296, loss: 1.52296, top1: 0.46094

[2024/03/04 09:49:37] ppcls INFO: [Eval][Epoch 48][best metric: 0.796875]

[2024/03/04 09:49:53] ppcls INFO: [Train][Epoch 49/100][Iter: 0/2]lr(LinearWarmup): 0.64742110, top1: 0.71429, CELoss: 0.90494, loss: 0.90494, batch\_cost: 13.25179s, reader\_cost: 2.30249, ips: 11.62108 samples/s, eta: 0:22:58

[2024/03/04 09:50:05] ppcls INFO: [Train][Epoch 49/100][Avg]top1: 0.67532, CELoss: 0.94128, loss: 0.94128

[2024/03/04 09:50:07] ppcls INFO: [Eval][Epoch 49][Iter: 0/3]CELoss: 1.26357, loss: 1.26357, top1: 0.45312, batch\_cost: 2.24880s, reader\_cost: 1.57425, ips: 28.45960 images/sec

[2024/03/04 09:50:10] ppcls INFO: [Eval][Epoch 49][Avg]CELoss: 0.90411, loss: 0.90411, top1: 0.65625

[2024/03/04 09:50:10] ppcls INFO: [Eval][Epoch 49][best metric: 0.796875]

[2024/03/04 09:50:26] ppcls INFO: [Train][Epoch 50/100][Iter: 0/2]lr(LinearWarmup): 0.64043246, top1: 0.68182, CELoss: 0.94648, loss: 0.94648, batch\_cost: 13.24941s, reader\_cost: 2.29980, ips: 11.62316 samples/s, eta: 0:22:31

[2024/03/04 09:50:38] ppcls INFO: [Train][Epoch 50/100][Avg]top1: 0.71104, CELoss: 0.90996, loss: 0.90996

[2024/03/04 09:50:40] ppcls INFO: [Eval][Epoch 50][Iter: 0/3]CELoss: 0.71092, loss: 0.71092, top1: 0.73438, batch\_cost: 2.32185s, reader\_cost: 1.61120, ips: 27.56426 images/sec

[2024/03/04 09:50:43] ppcls INFO: [Eval][Epoch 50][Avg]CELoss: 0.77149, loss: 0.77149, top1: 0.70312

[2024/03/04 09:50:43] ppcls INFO: [Eval][Epoch 50][best metric: 0.796875]

[2024/03/04 09:50:59] ppcls INFO: [Train][Epoch 51/100][Iter: 0/2]lr(LinearWarmup): 0.63332696, top1: 0.72078, CELoss: 0.84269, loss: 0.84269, batch\_cost: 13.24500s, reader\_cost: 2.29490, ips: 11.62703 samples/s, eta: 0:22:04

[2024/03/04 09:51:10] ppcls INFO: [Train][Epoch 51/100][Avg]top1: 0.74675, CELoss: 0.86933, loss: 0.86933

[2024/03/04 09:51:13] ppcls INFO: [Eval][Epoch 51][Iter: 0/3]CELoss: 0.95830, loss: 0.95830, top1: 0.62500, batch\_cost: 2.30709s, reader\_cost: 1.58550, ips: 27.74052 images/sec

[2024/03/04 09:51:16] ppcls INFO: [Eval][Epoch 51][Avg]CELoss: 0.73421, loss: 0.73421, top1: 0.72656

[2024/03/04 09:51:16] ppcls INFO: [Eval][Epoch 51][best metric: 0.796875]

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[2024/03/04 09:51:16]

[2024/03/04 09:51:31] ppcls INFO: [Train][Epoch 52/100][Iter: 0/2]lr(LinearWarmup): 0.62610806, top1: 0.68182, CELoss: 0.92980, loss: 0.92980, batch\_cost: 13.24278s, reader\_cost: 2.29198, ips: 11.62898 samples/s, eta: 0:21:37

[2024/03/04 09:51:43] ppcls INFO: [Train][Epoch 52/100][Avg]top1: 0.75000, CELoss: 0.85159, loss: 0.85159

[2024/03/04 09:51:46] ppcls INFO: [Eval][Epoch 52][Iter: 0/3]CELoss: 0.92736, loss: 0.92736, top1: 0.60938, batch\_cost: 2.39922s, reader\_cost: 1.57298, ips: 26.67536 images/sec

[2024/03/04 09:51:48] ppcls INFO: [Eval][Epoch 52][Avg]CELoss: 0.66435, loss: 0.66435, top1: 0.74219

[2024/03/04 09:51:48] ppcls INFO: [Eval][Epoch 52][best metric: 0.796875]

[2024/03/04 09:52:03] ppcls INFO: [Train][Epoch 53/100][Iter: 0/2]lr(LinearWarmup): 0.61877926, top1: 0.78571, CELoss: 0.83326, loss: 0.83326, batch\_cost: 13.22658s, reader\_cost: 2.28723, ips: 11.64322 samples/s, eta: 0:21:09

[2024/03/04 09:52:16] ppcls INFO: [Train][Epoch 53/100][Avg]top1: 0.75000, CELoss: 0.85376, loss: 0.85376

[2024/03/04 09:52:18] ppcls INFO: [Eval][Epoch 53][Iter: 0/3]CELoss: 0.84486, loss: 0.84486, top1: 0.67188, batch\_cost: 2.35569s, reader\_cost: 1.56231, ips: 27.16829 images/sec

[2024/03/04 09:52:21] ppcls INFO: [Eval][Epoch 53][Avg]CELoss: 0.67338, loss: 0.67338, top1: 0.75000

[2024/03/04 09:52:21] ppcls INFO: [Eval][Epoch 53][best metric: 0.796875]

[2024/03/04 09:52:35] ppcls INFO: [Train][Epoch 54/100][Iter: 0/2]lr(LinearWarmup): 0.61134414, top1: 0.70779, CELoss: 0.83447, loss: 0.83447, batch\_cost: 13.21486s, reader\_cost: 2.28744, ips: 11.65355 samples/s, eta: 0:20:42

[2024/03/04 09:52:48] ppcls INFO: [Train][Epoch 54/100][Avg]top1: 0.75649, CELoss: 0.81009, loss: 0.81009

[2024/03/04 09:52:51] ppcls INFO: [Eval][Epoch 54][Iter: 0/3]CELoss: 0.84016, loss: 0.84016, top1: 0.68750, batch\_cost: 2.40829s, reader\_cost: 1.58044, ips: 26.57491 images/sec

[2024/03/04 09:52:54] ppcls INFO: [Eval][Epoch 54][Avg]CELoss: 0.56663, loss: 0.56663, top1: 0.81250

[2024/03/04 09:52:54] ppcls INFO: [Eval][Epoch 54][best metric: 0.8125]

[2024/03/04 09:53:09] ppcls INFO: [Train][Epoch 55/100][Iter: 0/2]lr(LinearWarmup): 0.60380630, top1: 0.77273, CELoss: 0.77929, loss: 0.77929, batch\_cost: 13.20489s, reader\_cost: 2.28659, ips: 11.66235 samples/s, eta: 0:20:14

[2024/03/04 09:53:22] ppcls INFO: [Train][Epoch 55/100][Avg]top1: 0.77273, CELoss: 0.77143, loss: 0.77143

[2024/03/04 09:53:24] ppcls INFO: [Eval][Epoch 55][Iter: 0/3]CELoss: 1.08017, loss: 1.08017, top1: 0.57812, batch\_cost: 2.39987s, reader\_cost: 1.60381, ips: 26.66812 images/sec

[2024/03/04 09:53:27] ppcls INFO: [Eval][Epoch 55][Avg]CELoss: 0.65376, loss: 0.65376, top1: 0.75000

[2024/03/04 09:53:27] ppcls INFO: [Eval][Epoch 55][best metric: 0.8125]

[2024/03/04 09:53:42] ppcls INFO: [Train][Epoch 56/100][Iter: 0/2]lr(LinearWarmup): 0.59616940, top1: 0.84416, CELoss: 0.75706, loss: 0.75706, batch\_cost: 13.19714s, reader\_cost: 2.28814, ips: 11.66920 samples/s, eta: 0:19:47

[2024/03/04 09:53:55] ppcls INFO: [Train][Epoch 56/100][Avg]top1: 0.82468, CELoss: 0.74743, loss: 0.74743

[2024/03/04 09:53:57] ppcls INFO: [Eval][Epoch 56][Iter: 0/3]CELoss: 0.94922, loss: 0.94922, top1: 0.67188, batch\_cost: 2.63435s, reader\_cost: 1.56689, ips: 24.29440 images/sec

[2024/03/04 09:54:00] ppcls INFO: [Eval][Epoch 56][Avg]CELoss: 0.60969, loss: 0.60969, top1: 0.79688

[2024/03/04 09:54:00] ppcls INFO: [Eval][Epoch 56][best metric: 0.8125]

[2024/03/04 09:54:15] ppcls INFO: [Train][Epoch 57/100][Iter: 0/2]lr(LinearWarmup): 0.58843716, top1: 0.79221, CELoss: 0.73251, loss: 0.73251, batch\_cost: 13.18673s, reader\_cost: 2.28652, ips: 11.67841 samples/s, eta: 0:19:20

[2024/03/04 09:54:27] ppcls INFO: [Train][Epoch 57/100][Avg]top1: 0.79545, CELoss: 0.82896, loss: 0.82896

[2024/03/04 09:54:30] ppcls INFO: [Eval][Epoch 57][Iter: 0/3]CELoss: 0.72117, loss: 0.72117, top1: 0.75000, batch\_cost: 2.38812s, reader\_cost: 1.58977, ips: 26.79937 images/sec

[2024/03/04 09:54:33] ppcls INFO: [Eval][Epoch 57][Avg]CELoss: 0.54346, loss: 0.54346, top1: 0.82812

[2024/03/04 09:54:33] ppcls INFO: [Eval][Epoch 57][best metric: 0.828125]

[2024/03/04 09:54:47] ppcls INFO: [Train][Epoch 58/100][Iter: 0/2]lr(LinearWarmup): 0.58061334, top1: 0.78571, CELoss: 0.79279, loss: 0.79279, batch\_cost: 13.17592s, reader\_cost: 2.28333, ips: 11.68799 samples/s, eta: 0:18:53

[2024/03/04 09:55:00] ppcls INFO: [Train][Epoch 58/100][Avg]top1: 0.79545, CELoss: 0.79087, loss: 0.79087

[2024/03/04 09:55:03] ppcls INFO: [Eval][Epoch 58][Iter: 0/3]CELoss: 0.80900, loss: 0.80900, top1: 0.71875, batch\_cost: 2.54277s, reader\_cost: 1.57795, ips: 25.16941 images/sec

[2024/03/04 09:55:06] ppcls INFO: [Eval][Epoch 58][Avg]CELoss: 0.55041, loss: 0.55041, top1: 0.81250

[2024/03/04 09:55:06] ppcls INFO: [Eval][Epoch 58][best metric: 0.828125]

[2024/03/04 09:55:21] ppcls INFO: [Train][Epoch 59/100][Iter: 0/2]lr(LinearWarmup): 0.57270174, top1: 0.84416, CELoss: 0.66043, loss: 0.66043, batch\_cost: 13.17583s, reader\_cost: 2.28220, ips: 11.68807 samples/s, eta: 0:18:26

[2024/03/04 09:55:33] ppcls INFO: [Train][Epoch 59/100][Avg]top1: 0.80195, CELoss: 0.73269, loss: 0.73269

[2024/03/04 09:55:36] ppcls INFO: [Eval][Epoch 59][Iter: 0/3]CELoss: 1.45466, loss: 1.45466, top1: 0.56250, batch\_cost: 2.52094s, reader\_cost: 1.68071, ips: 25.38735 images/sec

[2024/03/04 09:55:39] ppcls INFO: [Eval][Epoch 59][Avg]CELoss: 0.92816, loss: 0.92816, top1: 0.71875

[2024/03/04 09:55:39] ppcls INFO: [Eval][Epoch 59][best metric: 0.828125]

[2024/03/04 09:55:54] ppcls INFO: [Train][Epoch 60/100][Iter: 0/2]lr(LinearWarmup): 0.56470620, top1: 0.78571, CELoss: 0.74749, loss: 0.74749, batch\_cost: 13.17448s, reader\_cost: 2.28061, ips: 11.68927 samples/s, eta: 0:18:00

[2024/03/04 09:56:06] ppcls INFO: [Train][Epoch 60/100][Avg]top1: 0.77273, CELoss: 0.80334, loss: 0.80334

[2024/03/04 09:56:08] ppcls INFO: [Eval][Epoch 60][Iter: 0/3]CELoss: 0.98157, loss: 0.98157, top1: 0.64062, batch\_cost: 2.31783s, reader\_cost: 1.56828, ips: 27.61209 images/sec

[2024/03/04 09:56:11] ppcls INFO: [Eval][Epoch 60][Avg]CELoss: 0.69683, loss: 0.69683, top1: 0.75000

[2024/03/04 09:56:11] ppcls INFO: [Eval][Epoch 60][best metric: 0.828125]

[2024/03/04 09:56:27] ppcls INFO: [Train][Epoch 61/100][Iter: 0/2]lr(LinearWarmup): 0.55663061, top1: 0.77273, CELoss: 0.82069, loss: 0.82069, batch\_cost: 13.17400s, reader\_cost: 2.28226, ips: 11.68969 samples/s, eta: 0:17:33

[2024/03/04 09:56:39] ppcls INFO: [Train][Epoch 61/100][Avg]top1: 0.81818, CELoss: 0.77345, loss: 0.77345

[2024/03/04 09:56:41] ppcls INFO: [Eval][Epoch 61][Iter: 0/3]CELoss: 0.53803, loss: 0.53803, top1: 0.84375, batch\_cost: 2.30245s, reader\_cost: 1.58982, ips: 27.79646 images/sec

[2024/03/04 09:56:44] ppcls INFO: [Eval][Epoch 61][Avg]CELoss: 0.51018, loss: 0.51018, top1: 0.86719

[2024/03/04 09:56:44] ppcls INFO: [Eval][Epoch 61][best metric: 0.8671875]

[2024/03/04 09:56:59] ppcls INFO: [Train][Epoch 62/100][Iter: 0/2]lr(LinearWarmup): 0.54847890, top1: 0.77273, CELoss: 0.78334, loss: 0.78334, batch\_cost: 13.16361s, reader\_cost: 2.27991, ips: 11.69892 samples/s, eta: 0:17:06

[2024/03/04 09:57:11] ppcls INFO: [Train][Epoch 62/100][Avg]top1: 0.78247, CELoss: 0.79157, loss: 0.79157

[2024/03/04 09:57:13] ppcls INFO: [Eval][Epoch 62][Iter: 0/3]CELoss: 1230.32397, loss: 1230.32397, top1: 0.59375, batch\_cost: 1.78591s, reader\_cost: 1.58558, ips: 35.83599 images/sec

[2024/03/04 09:57:16] ppcls INFO: [Eval][Epoch 62][Avg]CELoss: 1155.55096, loss: 1155.55096, top1: 0.29688

[2024/03/04 09:57:16] ppcls INFO: [Eval][Epoch 62][best metric: 0.8671875]

[2024/03/04 09:57:32] ppcls INFO: [Train][Epoch 63/100][Iter: 0/2]lr(LinearWarmup): 0.54025502, top1: 0.77273, CELoss: 0.85268, loss: 0.85268, batch\_cost: 13.16049s, reader\_cost: 2.27904, ips: 11.70169 samples/s, eta: 0:16:40

[2024/03/04 09:57:44] ppcls INFO: [Train][Epoch 63/100][Avg]top1: 0.78896, CELoss: 0.83773, loss: 0.83773

[2024/03/04 09:57:46] ppcls INFO: [Eval][Epoch 63][Iter: 0/3]CELoss: 178.20923, loss: 178.20923, top1: 0.59375, batch\_cost: 2.25336s, reader\_cost: 1.60066, ips: 28.40200 images/sec

[2024/03/04 09:57:49] ppcls INFO: [Eval][Epoch 63][Avg]CELoss: 190.93478, loss: 190.93478, top1: 0.29688

[2024/03/04 09:57:49] ppcls INFO: [Eval][Epoch 63][best metric: 0.8671875]

[2024/03/04 09:58:05] ppcls INFO: [Train][Epoch 64/100][Iter: 0/2]lr(LinearWarmup): 0.53196298, top1: 0.74026, CELoss: 1.06464, loss: 1.06464, batch\_cost: 13.15977s, reader\_cost: 2.27711, ips: 11.70233 samples/s, eta: 0:16:13

[2024/03/04 09:58:17] ppcls INFO: [Train][Epoch 64/100][Avg]top1: 0.76299, CELoss: 0.97570, loss: 0.97570

[2024/03/04 09:58:20] ppcls INFO: [Eval][Epoch 64][Iter: 0/3]CELoss: 94.73138, loss: 94.73138, top1: 0.18750, batch\_cost: 2.45756s, reader\_cost: 1.59568, ips: 26.04208 images/sec

[2024/03/04 09:58:23] ppcls INFO: [Eval][Epoch 64][Avg]CELoss: 52.62774, loss: 52.62774, top1: 0.17969

[2024/03/04 09:58:23] ppcls INFO: [Eval][Epoch 64][best metric: 0.8671875]

[2024/03/04 09:58:38] ppcls INFO: [Train][Epoch 65/100][Iter: 0/2]lr(LinearWarmup): 0.52360680, top1: 0.77922, CELoss: 0.91185, loss: 0.91185, batch\_cost: 13.15645s, reader\_cost: 2.27518, ips: 11.70529 samples/s, eta: 0:15:47

[2024/03/04 09:58:50] ppcls INFO: [Train][Epoch 65/100][Avg]top1: 0.78896, CELoss: 0.88750, loss: 0.88750

[2024/03/04 09:58:52] ppcls INFO: [Eval][Epoch 65][Iter: 0/3]CELoss: 21.89648, loss: 21.89648, top1: 0.31250, batch\_cost: 2.38197s, reader\_cost: 1.56279, ips: 26.86847 images/sec

[2024/03/04 09:58:55] ppcls INFO: [Eval][Epoch 65][Avg]CELoss: 12.25584, loss: 12.25584, top1: 0.26562

[2024/03/04 09:58:55] ppcls INFO: [Eval][Epoch 65][best metric: 0.8671875]

[2024/03/04 09:59:12] ppcls INFO: [Train][Epoch 66/100][Iter: 0/2]lr(LinearWarmup): 0.51519054, top1: 0.80519, CELoss: 0.78457, loss: 0.78457, batch\_cost: 13.15291s, reader\_cost: 2.27587, ips: 11.70844 samples/s, eta: 0:15:20

[2024/03/04 09:59:23] ppcls INFO: [Train][Epoch 66/100][Avg]top1: 0.76623, CELoss: 0.91062, loss: 0.91062

[2024/03/04 09:59:26] ppcls INFO: [Eval][Epoch 66][Iter: 0/3]CELoss: 1.25333, loss: 1.25333, top1: 0.62500, batch\_cost: 2.46493s, reader\_cost: 1.67065, ips: 25.96422 images/sec

[2024/03/04 09:59:29] ppcls INFO: [Eval][Epoch 66][Avg]CELoss: 5.20874, loss: 5.20874, top1: 0.47656

[2024/03/04 09:59:29] ppcls INFO: [Eval][Epoch 66][best metric: 0.8671875]

[2024/03/04 09:59:44] ppcls INFO: [Train][Epoch 67/100][Iter: 0/2]lr(LinearWarmup): 0.50671830, top1: 0.77922, CELoss: 1.39838, loss: 1.39838, batch\_cost: 13.15069s, reader\_cost: 2.27262, ips: 11.71041 samples/s, eta: 0:14:54

[2024/03/04 09:59:56] ppcls INFO: [Train][Epoch 67/100][Avg]top1: 0.81169, CELoss: 1.03749, loss: 1.03749

[2024/03/04 09:59:58] ppcls INFO: [Eval][Epoch 67][Iter: 0/3]CELoss: 0.96592, loss: 0.96592, top1: 0.59375, batch\_cost: 2.35740s, reader\_cost: 1.54488, ips: 27.14861 images/sec

[2024/03/04 10:00:01] ppcls INFO: [Eval][Epoch 67][Avg]CELoss: 1.23563, loss: 1.23563, top1: 0.51562

[2024/03/04 10:00:01] ppcls INFO: [Eval][Epoch 67][best metric: 0.8671875]

[2024/03/04 10:00:17] ppcls INFO: [Train][Epoch 68/100][Iter: 0/2]lr(LinearWarmup): 0.49819419, top1: 0.78571, CELoss: 0.71294, loss: 0.71294, batch\_cost: 13.14906s, reader\_cost: 2.26957, ips: 11.71187 samples/s, eta: 0:14:27

[2024/03/04 10:00:29] ppcls INFO: [Train][Epoch 68/100][Avg]top1: 0.83442, CELoss: 0.69008, loss: 0.69008

[2024/03/04 10:00:31] ppcls INFO: [Eval][Epoch 68][Iter: 0/3]CELoss: 0.87966, loss: 0.87966, top1: 0.62500, batch\_cost: 2.40646s, reader\_cost: 1.61807, ips: 26.59513 images/sec

[2024/03/04 10:00:34] ppcls INFO: [Eval][Epoch 68][Avg]CELoss: 0.90037, loss: 0.90037, top1: 0.66406

[2024/03/04 10:00:34] ppcls INFO: [Eval][Epoch 68][best metric: 0.8671875]

[2024/03/04 10:00:50] ppcls INFO: [Train][Epoch 69/100][Iter: 0/2]lr(LinearWarmup): 0.48962236, top1: 0.75974, CELoss: 0.91596, loss: 0.91596, batch\_cost: 13.14803s, reader\_cost: 2.26727, ips: 11.71278 samples/s, eta: 0:14:01

[2024/03/04 10:01:01] ppcls INFO: [Train][Epoch 69/100][Avg]top1: 0.79221, CELoss: 0.83709, loss: 0.83709

[2024/03/04 10:01:04] ppcls INFO: [Eval][Epoch 69][Iter: 0/3]CELoss: 0.84433, loss: 0.84433, top1: 0.60938, batch\_cost: 2.20813s, reader\_cost: 1.59420, ips: 28.98384 images/sec

[2024/03/04 10:01:07] ppcls INFO: [Eval][Epoch 69][Avg]CELoss: 0.66173, loss: 0.66173, top1: 0.74219

[2024/03/04 10:01:07] ppcls INFO: [Eval][Epoch 69][best metric: 0.8671875]

[2024/03/04 10:01:23] ppcls INFO: [Train][Epoch 70/100][Iter: 0/2]lr(LinearWarmup): 0.48100697, top1: 0.77922, CELoss: 0.77990, loss: 0.77990, batch\_cost: 13.15072s, reader\_cost: 2.27075, ips: 11.71039 samples/s, eta: 0:13:35

[2024/03/04 10:01:35] ppcls INFO: [Train][Epoch 70/100][Avg]top1: 0.80195, CELoss: 0.74448, loss: 0.74448

[2024/03/04 10:01:37] ppcls INFO: [Eval][Epoch 70][Iter: 0/3]CELoss: 1.04144, loss: 1.04144, top1: 0.56250, batch\_cost: 2.18248s, reader\_cost: 1.62658, ips: 29.32442 images/sec

[2024/03/04 10:01:40] ppcls INFO: [Eval][Epoch 70][Avg]CELoss: 0.73995, loss: 0.73995, top1: 0.71094

[2024/03/04 10:01:40] ppcls INFO: [Eval][Epoch 70][best metric: 0.8671875]

[2024/03/04 10:01:55] ppcls INFO: [Train][Epoch 71/100][Iter: 0/2]lr(LinearWarmup): 0.47235221, top1: 0.80519, CELoss: 0.74217, loss: 0.74217, batch\_cost: 13.14291s, reader\_cost: 2.26884, ips: 11.71734 samples/s, eta: 0:13:08

[2024/03/04 10:02:08] ppcls INFO: [Train][Epoch 71/100][Avg]top1: 0.80519, CELoss: 0.72569, loss: 0.72569

[2024/03/04 10:02:10] ppcls INFO: [Eval][Epoch 71][Iter: 0/3]CELoss: 0.84977, loss: 0.84977, top1: 0.70312, batch\_cost: 2.45412s, reader\_cost: 1.59169, ips: 26.07862 images/sec

[2024/03/04 10:02:13] ppcls INFO: [Eval][Epoch 71][Avg]CELoss: 0.72987, loss: 0.72987, top1: 0.75781

[2024/03/04 10:02:13] ppcls INFO: [Eval][Epoch 71][best metric: 0.8671875]

[2024/03/04 10:02:28] ppcls INFO: [Train][Epoch 72/100][Iter: 0/2]lr(LinearWarmup): 0.46366229, top1: 0.87013, CELoss: 0.64459, loss: 0.64459, batch\_cost: 13.13601s, reader\_cost: 2.26576, ips: 11.72350 samples/s, eta: 0:12:41

[2024/03/04 10:02:40] ppcls INFO: [Train][Epoch 72/100][Avg]top1: 0.84091, CELoss: 0.66538, loss: 0.66538

[2024/03/04 10:02:42] ppcls INFO: [Eval][Epoch 72][Iter: 0/3]CELoss: 0.81795, loss: 0.81795, top1: 0.70312, batch\_cost: 2.13922s, reader\_cost: 1.61297, ips: 29.91743 images/sec

[2024/03/04 10:02:45] ppcls INFO: [Eval][Epoch 72][Avg]CELoss: 0.55973, loss: 0.55973, top1: 0.80469

[2024/03/04 10:02:45] ppcls INFO: [Eval][Epoch 72][best metric: 0.8671875]

[2024/03/04 10:03:03] ppcls INFO: [Train][Epoch 73/100][Iter: 0/2]lr(LinearWarmup): 0.45494142, top1: 0.83766, CELoss: 0.65775, loss: 0.65775, batch\_cost: 13.13555s, reader\_cost: 2.26668, ips: 11.72391 samples/s, eta: 0:12:15

[2024/03/04 10:03:14] ppcls INFO: [Train][Epoch 73/100][Avg]top1: 0.85714, CELoss: 0.65462, loss: 0.65462

[2024/03/04 10:03:17] ppcls INFO: [Eval][Epoch 73][Iter: 0/3]CELoss: 0.81571, loss: 0.81571, top1: 0.68750, batch\_cost: 2.71192s, reader\_cost: 1.72019, ips: 23.59952 images/sec

[2024/03/04 10:03:20] ppcls INFO: [Eval][Epoch 73][Avg]CELoss: 0.54420, loss: 0.54420, top1: 0.80469

[2024/03/04 10:03:20] ppcls INFO: [Eval][Epoch 73][best metric: 0.8671875]

[2024/03/04 10:03:38] ppcls INFO: [Train][Epoch 74/100][Iter: 0/2]lr(LinearWarmup): 0.44619385, top1: 0.83766, CELoss: 0.68078, loss: 0.68078, batch\_cost: 13.14094s, reader\_cost: 2.27506, ips: 11.71910 samples/s, eta: 0:11:49

[2024/03/04 10:03:49] ppcls INFO: [Train][Epoch 74/100][Avg]top1: 0.85714, CELoss: 0.64779, loss: 0.64779

[2024/03/04 10:03:52] ppcls INFO: [Eval][Epoch 74][Iter: 0/3]CELoss: 0.64526, loss: 0.64526, top1: 0.71875, batch\_cost: 2.39139s, reader\_cost: 1.57260, ips: 26.76270 images/sec

[2024/03/04 10:03:55] ppcls INFO: [Eval][Epoch 74][Avg]CELoss: 0.51998, loss: 0.51998, top1: 0.80469

[2024/03/04 10:03:55] ppcls INFO: [Eval][Epoch 74][best metric: 0.8671875]

[2024/03/04 10:04:10] ppcls INFO: [Train][Epoch 75/100][Iter: 0/2]lr(LinearWarmup): 0.43742384, top1: 0.78571, CELoss: 0.83472, loss: 0.83472, batch\_cost: 13.12944s, reader\_cost: 2.27221, ips: 11.72936 samples/s, eta: 0:11:22

[2024/03/04 10:04:21] ppcls INFO: [Train][Epoch 75/100][Avg]top1: 0.82143, CELoss: 0.74296, loss: 0.74296

[2024/03/04 10:04:24] ppcls INFO: [Eval][Epoch 75][Iter: 0/3]CELoss: 0.50988, loss: 0.50988, top1: 0.79688, batch\_cost: 2.39920s, reader\_cost: 1.78392, ips: 26.67561 images/sec

[2024/03/04 10:04:27] ppcls INFO: [Eval][Epoch 75][Avg]CELoss: 0.64900, loss: 0.64900, top1: 0.78906

[2024/03/04 10:04:27] ppcls INFO: [Eval][Epoch 75][best metric: 0.8671875]

[2024/03/04 10:04:47] ppcls INFO: [Train][Epoch 76/100][Iter: 0/2]lr(LinearWarmup): 0.42863563, top1: 0.87013, CELoss: 0.74593, loss: 0.74593, batch\_cost: 13.14819s, reader\_cost: 2.27296, ips: 11.71264 samples/s, eta: 0:10:57

[2024/03/04 10:05:05] ppcls INFO: [Train][Epoch 76/100][Avg]top1: 0.84416, CELoss: 0.71692, loss: 0.71692

[2024/03/04 10:05:09] ppcls INFO: [Eval][Epoch 76][Iter: 0/3]CELoss: 0.62418, loss: 0.62418, top1: 0.73438, batch\_cost: 3.74906s, reader\_cost: 2.47200, ips: 17.07094 images/sec

[2024/03/04 10:05:13] ppcls INFO: [Eval][Epoch 76][Avg]CELoss: 0.52900, loss: 0.52900, top1: 0.78906

[2024/03/04 10:05:13] ppcls INFO: [Eval][Epoch 76][best metric: 0.8671875]

[2024/03/04 10:05:31] ppcls INFO: [Train][Epoch 77/100][Iter: 0/2]lr(LinearWarmup): 0.41983350, top1: 0.88312, CELoss: 0.64509, loss: 0.64509, batch\_cost: 13.19182s, reader\_cost: 2.28347, ips: 11.67390 samples/s, eta: 0:10:33

[2024/03/04 10:05:53] ppcls INFO: [Train][Epoch 77/100][Avg]top1: 0.86688, CELoss: 0.65814, loss: 0.65814

[2024/03/04 10:05:56] ppcls INFO: [Eval][Epoch 77][Iter: 0/3]CELoss: 0.81260, loss: 0.81260, top1: 0.65625, batch\_cost: 3.16194s, reader\_cost: 2.22703, ips: 20.24075 images/sec

[2024/03/04 10:06:01] ppcls INFO: [Eval][Epoch 77][Avg]CELoss: 0.57335, loss: 0.57335, top1: 0.76562

[2024/03/04 10:06:01] ppcls INFO: [Eval][Epoch 77][best metric: 0.8671875]

[2024/03/04 10:06:21] ppcls INFO: [Train][Epoch 78/100][Iter: 0/2]lr(LinearWarmup): 0.41102174, top1: 0.81818, CELoss: 0.75268, loss: 0.75268, batch\_cost: 13.23359s, reader\_cost: 2.30792, ips: 11.63705 samples/s, eta: 0:10:08

[2024/03/04 10:06:41] ppcls INFO: [Train][Epoch 78/100][Avg]top1: 0.83766, CELoss: 0.72100, loss: 0.72100

[2024/03/04 10:06:44] ppcls INFO: [Eval][Epoch 78][Iter: 0/3]CELoss: 0.88466, loss: 0.88466, top1: 0.62500, batch\_cost: 2.98075s, reader\_cost: 2.17877, ips: 21.47114 images/sec

[2024/03/04 10:06:48] ppcls INFO: [Eval][Epoch 78][Avg]CELoss: 0.55223, loss: 0.55223, top1: 0.78906

[2024/03/04 10:06:48] ppcls INFO: [Eval][Epoch 78][best metric: 0.8671875]

[2024/03/04 10:07:04] ppcls INFO: [Train][Epoch 79/100][Iter: 0/2]lr(LinearWarmup): 0.40220462, top1: 0.83117, CELoss: 0.72496, loss: 0.72496, batch\_cost: 13.23951s, reader\_cost: 2.31491, ips: 11.63185 samples/s, eta: 0:09:42

[2024/03/04 10:07:24] ppcls INFO: [Train][Epoch 79/100][Avg]top1: 0.85390, CELoss: 0.67115, loss: 0.67115

[2024/03/04 10:07:26] ppcls INFO: [Eval][Epoch 79][Iter: 0/3]CELoss: 0.68439, loss: 0.68439, top1: 0.71875, batch\_cost: 2.77492s, reader\_cost: 2.13904, ips: 23.06377 images/sec

[2024/03/04 10:07:30] ppcls INFO: [Eval][Epoch 79][Avg]CELoss: 0.44543, loss: 0.44543, top1: 0.82812

[2024/03/04 10:07:30] ppcls INFO: [Eval][Epoch 79][best metric: 0.8671875]

[2024/03/04 10:07:48] ppcls INFO: [Train][Epoch 80/100][Iter: 0/2]lr(LinearWarmup): 0.39338642, top1: 0.82468, CELoss: 0.70134, loss: 0.70134, batch\_cost: 13.25040s, reader\_cost: 2.32455, ips: 11.62229 samples/s, eta: 0:09:16

[2024/03/04 10:08:07] ppcls INFO: [Train][Epoch 80/100][Avg]top1: 0.83442, CELoss: 0.70305, loss: 0.70305

[2024/03/04 10:08:10] ppcls INFO: [Eval][Epoch 80][Iter: 0/3]CELoss: 0.49341, loss: 0.49341, top1: 0.79688, batch\_cost: 2.85720s, reader\_cost: 2.12465, ips: 22.39954 images/sec

[2024/03/04 10:08:14] ppcls INFO: [Eval][Epoch 80][Avg]CELoss: 0.35747, loss: 0.35747, top1: 0.88281

[2024/03/04 10:08:14] ppcls INFO: [Eval][Epoch 80][best metric: 0.8828125]

[2024/03/04 10:08:31] ppcls INFO: [Train][Epoch 81/100][Iter: 0/2]lr(LinearWarmup): 0.38457144, top1: 0.87662, CELoss: 0.68498, loss: 0.68498, batch\_cost: 13.25705s, reader\_cost: 2.33123, ips: 11.61646 samples/s, eta: 0:08:50

[2024/03/04 10:08:49] ppcls INFO: [Train][Epoch 81/100][Avg]top1: 0.88636, CELoss: 0.64998, loss: 0.64998

[2024/03/04 10:08:52] ppcls INFO: [Eval][Epoch 81][Iter: 0/3]CELoss: 0.49911, loss: 0.49911, top1: 0.82812, batch\_cost: 3.06717s, reader\_cost: 2.23097, ips: 20.86612 images/sec

[2024/03/04 10:08:56] ppcls INFO: [Eval][Epoch 81][Avg]CELoss: 0.32949, loss: 0.32949, top1: 0.89844

[2024/03/04 10:08:56] ppcls INFO: [Eval][Epoch 81][best metric: 0.8984375]

[2024/03/04 10:09:13] ppcls INFO: [Train][Epoch 82/100][Iter: 0/2]lr(LinearWarmup): 0.37576396, top1: 0.82468, CELoss: 0.75746, loss: 0.75746, batch\_cost: 13.26056s, reader\_cost: 2.33701, ips: 11.61338 samples/s, eta: 0:08:23

[2024/03/04 10:09:32] ppcls INFO: [Train][Epoch 82/100][Avg]top1: 0.86039, CELoss: 0.67245, loss: 0.67245

[2024/03/04 10:09:34] ppcls INFO: [Eval][Epoch 82][Iter: 0/3]CELoss: 0.56774, loss: 0.56774, top1: 0.82812, batch\_cost: 2.87365s, reader\_cost: 2.15953, ips: 22.27135 images/sec

[2024/03/04 10:09:38] ppcls INFO: [Eval][Epoch 82][Avg]CELoss: 0.35434, loss: 0.35434, top1: 0.90625

[2024/03/04 10:09:39] ppcls INFO: [Eval][Epoch 82][best metric: 0.90625]

[2024/03/04 10:09:55] ppcls INFO: [Train][Epoch 83/100][Iter: 0/2]lr(LinearWarmup): 0.36696826, top1: 0.87662, CELoss: 0.63523, loss: 0.63523, batch\_cost: 13.26150s, reader\_cost: 2.34454, ips: 11.61256 samples/s, eta: 0:07:57

[2024/03/04 10:10:14] ppcls INFO: [Train][Epoch 83/100][Avg]top1: 0.87338, CELoss: 0.64105, loss: 0.64105

[2024/03/04 10:10:17] ppcls INFO: [Eval][Epoch 83][Iter: 0/3]CELoss: 0.58973, loss: 0.58973, top1: 0.82812, batch\_cost: 2.77537s, reader\_cost: 2.17737, ips: 23.05998 images/sec

[2024/03/04 10:10:21] ppcls INFO: [Eval][Epoch 83][Avg]CELoss: 0.37112, loss: 0.37112, top1: 0.89844

[2024/03/04 10:10:21] ppcls INFO: [Eval][Epoch 83][best metric: 0.90625]

[2024/03/04 10:10:38] ppcls INFO: [Train][Epoch 84/100][Iter: 0/2]lr(LinearWarmup): 0.35818861, top1: 0.87013, CELoss: 0.62295, loss: 0.62295, batch\_cost: 13.26386s, reader\_cost: 2.35049, ips: 11.61049 samples/s, eta: 0:07:30

[2024/03/04 10:10:57] ppcls INFO: [Train][Epoch 84/100][Avg]top1: 0.83442, CELoss: 0.69462, loss: 0.69462

[2024/03/04 10:11:00] ppcls INFO: [Eval][Epoch 84][Iter: 0/3]CELoss: 0.46135, loss: 0.46135, top1: 0.87500, batch\_cost: 3.04387s, reader\_cost: 2.14886, ips: 21.02587 images/sec

[2024/03/04 10:11:04] ppcls INFO: [Eval][Epoch 84][Avg]CELoss: 0.34046, loss: 0.34046, top1: 0.92188

[2024/03/04 10:11:04] ppcls INFO: [Eval][Epoch 84][best metric: 0.921875]

[2024/03/04 10:11:20] ppcls INFO: [Train][Epoch 85/100][Iter: 0/2]lr(LinearWarmup): 0.34942929, top1: 0.85714, CELoss: 0.65098, loss: 0.65098, batch\_cost: 13.26121s, reader\_cost: 2.35881, ips: 11.61282 samples/s, eta: 0:07:04

[2024/03/04 10:11:40] ppcls INFO: [Train][Epoch 85/100][Avg]top1: 0.86039, CELoss: 0.63788, loss: 0.63788

[2024/03/04 10:11:43] ppcls INFO: [Eval][Epoch 85][Iter: 0/3]CELoss: 0.35320, loss: 0.35320, top1: 0.90625, batch\_cost: 2.94393s, reader\_cost: 2.15060, ips: 21.73963 images/sec

[2024/03/04 10:11:47] ppcls INFO: [Eval][Epoch 85][Avg]CELoss: 0.29577, loss: 0.29577, top1: 0.90625

[2024/03/04 10:11:47] ppcls INFO: [Eval][Epoch 85][best metric: 0.921875]

[2024/03/04 10:12:04] ppcls INFO: [Train][Epoch 86/100][Iter: 0/2]lr(LinearWarmup): 0.34069454, top1: 0.81818, CELoss: 0.71676, loss: 0.71676, batch\_cost: 13.26755s, reader\_cost: 2.36675, ips: 11.60727 samples/s, eta: 0:06:38

[2024/03/04 10:12:23] ppcls INFO: [Train][Epoch 86/100][Avg]top1: 0.85065, CELoss: 0.67197, loss: 0.67197

[2024/03/04 10:12:26] ppcls INFO: [Eval][Epoch 86][Iter: 0/3]CELoss: 0.42721, loss: 0.42721, top1: 0.85938, batch\_cost: 2.92892s, reader\_cost: 2.14784, ips: 21.85103 images/sec

[2024/03/04 10:12:30] ppcls INFO: [Eval][Epoch 86][Avg]CELoss: 0.33069, loss: 0.33069, top1: 0.88281

[2024/03/04 10:12:30] ppcls INFO: [Eval][Epoch 86][best metric: 0.921875]

[2024/03/04 10:12:47] ppcls INFO: [Train][Epoch 87/100][Iter: 0/2]lr(LinearWarmup): 0.33198862, top1: 0.87662, CELoss: 0.62101, loss: 0.62101, batch\_cost: 13.27330s, reader\_cost: 2.37307, ips: 11.60224 samples/s, eta: 0:06:11

[2024/03/04 10:13:06] ppcls INFO: [Train][Epoch 87/100][Avg]top1: 0.87338, CELoss: 0.61664, loss: 0.61664

[2024/03/04 10:13:08] ppcls INFO: [Eval][Epoch 87][Iter: 0/3]CELoss: 0.57588, loss: 0.57588, top1: 0.81250, batch\_cost: 2.85947s, reader\_cost: 2.12994, ips: 22.38180 images/sec

[2024/03/04 10:13:13] ppcls INFO: [Eval][Epoch 87][Avg]CELoss: 0.36941, loss: 0.36941, top1: 0.89062

[2024/03/04 10:13:13] ppcls INFO: [Eval][Epoch 87][best metric: 0.921875]

[2024/03/04 10:13:30] ppcls INFO: [Train][Epoch 88/100][Iter: 0/2]lr(LinearWarmup): 0.32331575, top1: 0.79221, CELoss: 0.76297, loss: 0.76297, batch\_cost: 13.27937s, reader\_cost: 2.38084, ips: 11.59694 samples/s, eta: 0:05:45

[2024/03/04 10:13:48] ppcls INFO: [Train][Epoch 88/100][Avg]top1: 0.83766, CELoss: 0.67543, loss: 0.67543

[2024/03/04 10:13:51] ppcls INFO: [Eval][Epoch 88][Iter: 0/3]CELoss: 0.50824, loss: 0.50824, top1: 0.85938, batch\_cost: 2.86230s, reader\_cost: 2.16512, ips: 22.35962 images/sec

[2024/03/04 10:13:55] ppcls INFO: [Eval][Epoch 88][Avg]CELoss: 0.33185, loss: 0.33185, top1: 0.91406

[2024/03/04 10:13:55] ppcls INFO: [Eval][Epoch 88][best metric: 0.921875]

[2024/03/04 10:14:13] ppcls INFO: [Train][Epoch 89/100][Iter: 0/2]lr(LinearWarmup): 0.31468015, top1: 0.81818, CELoss: 0.67968, loss: 0.67968, batch\_cost: 13.28519s, reader\_cost: 2.38613, ips: 11.59186 samples/s, eta: 0:05:18

[2024/03/04 10:14:31] ppcls INFO: [Train][Epoch 89/100][Avg]top1: 0.85714, CELoss: 0.63895, loss: 0.63895

[2024/03/04 10:14:34] ppcls INFO: [Eval][Epoch 89][Iter: 0/3]CELoss: 0.41465, loss: 0.41465, top1: 0.89062, batch\_cost: 2.99135s, reader\_cost: 2.12623, ips: 21.39501 images/sec

[2024/03/04 10:14:38] ppcls INFO: [Eval][Epoch 89][Avg]CELoss: 0.31325, loss: 0.31325, top1: 0.92188

[2024/03/04 10:14:38] ppcls INFO: [Eval][Epoch 89][best metric: 0.921875]

[2024/03/04 10:14:56] ppcls INFO: [Train][Epoch 90/100][Iter: 0/2]lr(LinearWarmup): 0.30608602, top1: 0.88312, CELoss: 0.63446, loss: 0.63446, batch\_cost: 13.29642s, reader\_cost: 2.39167, ips: 11.58207 samples/s, eta: 0:04:52

[2024/03/04 10:15:08] ppcls INFO: [Train][Epoch 90/100][Avg]top1: 0.86688, CELoss: 0.66685, loss: 0.66685

[2024/03/04 10:15:10] ppcls INFO: [Eval][Epoch 90][Iter: 0/3]CELoss: 0.33431, loss: 0.33431, top1: 0.95312, batch\_cost: 2.31132s, reader\_cost: 1.49353, ips: 27.68985 images/sec

[2024/03/04 10:15:13] ppcls INFO: [Eval][Epoch 90][Avg]CELoss: 0.32786, loss: 0.32786, top1: 0.92969

[2024/03/04 10:15:13] ppcls INFO: [Eval][Epoch 90][best metric: 0.9296875]

[2024/03/04 10:15:28] ppcls INFO: [Train][Epoch 91/100][Iter: 0/2]lr(LinearWarmup): 0.29753753, top1: 0.87013, CELoss: 0.63046, loss: 0.63046, batch\_cost: 13.29096s, reader\_cost: 2.38846, ips: 11.58682 samples/s, eta: 0:04:25

[2024/03/04 10:15:40] ppcls INFO: [Train][Epoch 91/100][Avg]top1: 0.87013, CELoss: 0.63912, loss: 0.63912

[2024/03/04 10:15:42] ppcls INFO: [Eval][Epoch 91][Iter: 0/3]CELoss: 0.27275, loss: 0.27275, top1: 0.92188, batch\_cost: 2.19510s, reader\_cost: 1.50241, ips: 29.15580 images/sec

[2024/03/04 10:15:45] ppcls INFO: [Eval][Epoch 91][Avg]CELoss: 0.32200, loss: 0.32200, top1: 0.90625

[2024/03/04 10:15:45] ppcls INFO: [Eval][Epoch 91][best metric: 0.9296875]

[2024/03/04 10:16:01] ppcls INFO: [Train][Epoch 92/100][Iter: 0/2]lr(LinearWarmup): 0.28903884, top1: 0.84416, CELoss: 0.74314, loss: 0.74314, batch\_cost: 13.29357s, reader\_cost: 2.38493, ips: 11.58454 samples/s, eta: 0:03:59

[2024/03/04 10:16:12] ppcls INFO: [Train][Epoch 92/100][Avg]top1: 0.86364, CELoss: 0.70473, loss: 0.70473

[2024/03/04 10:16:15] ppcls INFO: [Eval][Epoch 92][Iter: 0/3]CELoss: 0.29531, loss: 0.29531, top1: 0.93750, batch\_cost: 2.28656s, reader\_cost: 1.48611, ips: 27.98964 images/sec

[2024/03/04 10:16:17] ppcls INFO: [Eval][Epoch 92][Avg]CELoss: 0.31758, loss: 0.31758, top1: 0.89844

[2024/03/04 10:16:17] ppcls INFO: [Eval][Epoch 92][best metric: 0.9296875]

[2024/03/04 10:16:34] ppcls INFO: [Train][Epoch 93/100][Iter: 0/2]lr(LinearWarmup): 0.28059408, top1: 0.89610, CELoss: 0.56333, loss: 0.56333, batch\_cost: 13.29745s, reader\_cost: 2.38228, ips: 11.58117 samples/s, eta: 0:03:32

[2024/03/04 10:16:45] ppcls INFO: [Train][Epoch 93/100][Avg]top1: 0.90584, CELoss: 0.57640, loss: 0.57640

[2024/03/04 10:16:47] ppcls INFO: [Eval][Epoch 93][Iter: 0/3]CELoss: 0.35429, loss: 0.35429, top1: 0.93750, batch\_cost: 2.21872s, reader\_cost: 1.52398, ips: 28.84550 images/sec

[2024/03/04 10:16:50] ppcls INFO: [Eval][Epoch 93][Avg]CELoss: 0.32478, loss: 0.32478, top1: 0.92188

[2024/03/04 10:16:50] ppcls INFO: [Eval][Epoch 93][best metric: 0.9296875]

[2024/03/04 10:17:06] ppcls INFO: [Train][Epoch 94/100][Iter: 0/2]lr(LinearWarmup): 0.27220735, top1: 0.85065, CELoss: 0.63071, loss: 0.63071, batch\_cost: 13.30176s, reader\_cost: 2.38012, ips: 11.57741 samples/s, eta: 0:03:06

[2024/03/04 10:17:18] ppcls INFO: [Train][Epoch 94/100][Avg]top1: 0.86364, CELoss: 0.64653, loss: 0.64653

[2024/03/04 10:17:20] ppcls INFO: [Eval][Epoch 94][Iter: 0/3]CELoss: 0.40364, loss: 0.40364, top1: 0.93750, batch\_cost: 2.29179s, reader\_cost: 1.52376, ips: 27.92579 images/sec

[2024/03/04 10:17:23] ppcls INFO: [Eval][Epoch 94][Avg]CELoss: 0.35125, loss: 0.35125, top1: 0.92188

[2024/03/04 10:17:23] ppcls INFO: [Eval][Epoch 94][best metric: 0.9296875]

[2024/03/04 10:17:39] ppcls INFO: [Train][Epoch 95/100][Iter: 0/2]lr(LinearWarmup): 0.26388273, top1: 0.85065, CELoss: 0.63695, loss: 0.63695, batch\_cost: 13.30402s, reader\_cost: 2.37570, ips: 11.57545 samples/s, eta: 0:02:39

[2024/03/04 10:17:50] ppcls INFO: [Train][Epoch 95/100][Avg]top1: 0.88636, CELoss: 0.60306, loss: 0.60306

[2024/03/04 10:17:52] ppcls INFO: [Eval][Epoch 95][Iter: 0/3]CELoss: 0.35466, loss: 0.35466, top1: 0.93750, batch\_cost: 2.14519s, reader\_cost: 1.54752, ips: 29.83422 images/sec

[2024/03/04 10:17:55] ppcls INFO: [Eval][Epoch 95][Avg]CELoss: 0.35085, loss: 0.35085, top1: 0.92188

[2024/03/04 10:17:55] ppcls INFO: [Eval][Epoch 95][best metric: 0.9296875]

[2024/03/04 10:18:11] ppcls INFO: [Train][Epoch 96/100][Iter: 0/2]lr(LinearWarmup): 0.25562427, top1: 0.87013, CELoss: 0.62334, loss: 0.62334, batch\_cost: 13.30532s, reader\_cost: 2.37277, ips: 11.57432 samples/s, eta: 0:02:13

[2024/03/04 10:18:22] ppcls INFO: [Train][Epoch 96/100][Avg]top1: 0.88312, CELoss: 0.61216, loss: 0.61216

[2024/03/04 10:18:24] ppcls INFO: [Eval][Epoch 96][Iter: 0/3]CELoss: 0.32245, loss: 0.32245, top1: 0.95312, batch\_cost: 2.16218s, reader\_cost: 1.51234, ips: 29.59978 images/sec

[2024/03/04 10:18:27] ppcls INFO: [Eval][Epoch 96][Avg]CELoss: 0.31462, loss: 0.31462, top1: 0.93750

[2024/03/04 10:18:27] ppcls INFO: [Eval][Epoch 96][best metric: 0.9375]

[2024/03/04 10:18:43] ppcls INFO: [Train][Epoch 97/100][Iter: 0/2]lr(LinearWarmup): 0.24743597, top1: 0.85065, CELoss: 0.64840, loss: 0.64840, batch\_cost: 13.29828s, reader\_cost: 2.36866, ips: 11.58044 samples/s, eta: 0:01:46

[2024/03/04 10:18:54] ppcls INFO: [Train][Epoch 97/100][Avg]top1: 0.89286, CELoss: 0.60154, loss: 0.60154

[2024/03/04 10:18:57] ppcls INFO: [Eval][Epoch 97][Iter: 0/3]CELoss: 0.30354, loss: 0.30354, top1: 0.93750, batch\_cost: 2.28885s, reader\_cost: 1.46581, ips: 27.96163 images/sec

[2024/03/04 10:18:59] ppcls INFO: [Eval][Epoch 97][Avg]CELoss: 0.27672, loss: 0.27672, top1: 0.93750

[2024/03/04 10:18:59] ppcls INFO: [Eval][Epoch 97][best metric: 0.9375]

[2024/03/04 10:19:16] ppcls INFO: [Train][Epoch 98/100][Iter: 0/2]lr(LinearWarmup): 0.23932183, top1: 0.82468, CELoss: 0.73372, loss: 0.73372, batch\_cost: 13.30354s, reader\_cost: 2.36792, ips: 11.57586 samples/s, eta: 0:01:19

[2024/03/04 10:19:27] ppcls INFO: [Train][Epoch 98/100][Avg]top1: 0.87338, CELoss: 0.64276, loss: 0.64276

[2024/03/04 10:19:29] ppcls INFO: [Eval][Epoch 98][Iter: 0/3]CELoss: 0.32360, loss: 0.32360, top1: 0.93750, batch\_cost: 2.10466s, reader\_cost: 1.54110, ips: 30.40864 images/sec

[2024/03/04 10:19:32] ppcls INFO: [Eval][Epoch 98][Avg]CELoss: 0.25967, loss: 0.25967, top1: 0.96094

[2024/03/04 10:19:32] ppcls INFO: [Eval][Epoch 98][best metric: 0.9609375]

[2024/03/04 10:19:47] ppcls INFO: [Train][Epoch 99/100][Iter: 0/2]lr(LinearWarmup): 0.23128578, top1: 0.86364, CELoss: 0.67987, loss: 0.67987, batch\_cost: 13.30251s, reader\_cost: 2.36489, ips: 11.57677 samples/s, eta: 0:00:53

[2024/03/04 10:19:59] ppcls INFO: [Train][Epoch 99/100][Avg]top1: 0.87987, CELoss: 0.62741, loss: 0.62741

[2024/03/04 10:20:01] ppcls INFO: [Eval][Epoch 99][Iter: 0/3]CELoss: 0.35397, loss: 0.35397, top1: 0.93750, batch\_cost: 2.13472s, reader\_cost: 1.50777, ips: 29.98052 images/sec

[2024/03/04 10:20:04] ppcls INFO: [Eval][Epoch 99][Avg]CELoss: 0.25542, loss: 0.25542, top1: 0.96875

[2024/03/04 10:20:04] ppcls INFO: [Eval][Epoch 99][best metric: 0.96875]

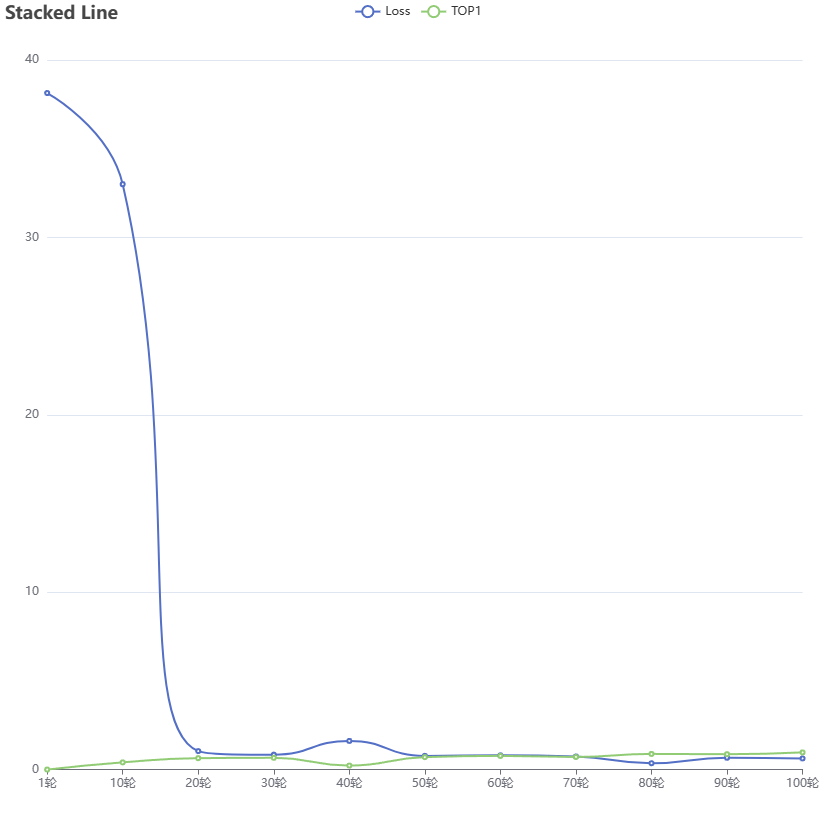
[2024/03/04 10:20:20] ppcls INFO: [Train][Epoch 100/100][Iter: 0/2]lr(LinearWarmup): 0.22333172, top1: 0.87013, CELoss: 0.60578, loss: 0.60578, batch\_cost: 13.30609s, reader\_cost: 2.36422, ips: 11.57365 samples/s, eta: 0:00:26

[2024/03/04 10:20:33] ppcls INFO: [Train][Epoch 100/100][Avg]top1: 0.86039, CELoss: 0.62820, loss: 0.62820

[2024/03/04 10:20:38] ppcls INFO: [Eval][Epoch 100][Iter: 0/3]CELoss: 0.39185, loss: 0.39185, top1: 0.92188, batch\_cost: 4.32446s, reader\_cost: 2.68740, ips: 14.79953 images/sec

[2024/03/04 10:20:43] ppcls INFO: [Eval][Epoch 100][Avg]CELoss: 0.26110, loss: 0.26110, top1: 0.96094

[2024/03/04 10:20:43] ppcls INFO: [Eval][Epoch 100][best metric: 0.96875]



##### 1.5.2.2 H-Swish + MixConv-32

[2024/03/04 11:10:03] ppcls INFO: [Train][Epoch 1/100][Iter: 0/2]lr(LinearWarmup): 0.02666667, top1: 0.36364, CELoss: 1.54517, loss: 1.54517, batch\_cost: 5.83563s, reader\_cost: 3.27495, ips: 26.38959 samples/s, eta: 0:19:27

[2024/03/04 11:10:15] ppcls INFO: [Train][Epoch 1/100][Avg]top1: 0.33117, CELoss: 1.60198, loss: 1.60198

[2024/03/04 11:10:15] ppcls WARNING: The output dims(4) is less than k(5), and the argument 5 of Topk has been removed.

[2024/03/04 11:10:15] ppcls INFO: [Eval][Epoch 1][Iter: 0/5]CELoss: 18.55023, loss: 18.55023, top1: 0.00000, batch\_cost: 0.83870s, reader\_cost: 0.63388, ips: 38.15436 images/sec

[2024/03/04 11:10:18] ppcls INFO: [Eval][Epoch 1][Avg]CELoss: 28.00895, loss: 28.00895, top1: 0.08594

[2024/03/04 11:10:19] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\best\_model

[2024/03/04 11:10:19] ppcls INFO: [Eval][Epoch 1][best metric: 0.0859375]

[2024/03/04 11:10:19] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_1

[2024/03/04 11:10:19] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:10:23] ppcls INFO: [Train][Epoch 2/100][Iter: 0/2]lr(LinearWarmup): 0.08000000, top1: 0.21429, CELoss: 4.88147, loss: 4.88147, batch\_cost: 3.86101s, reader\_cost: 2.73097, ips: 39.88591 samples/s, eta: 0:12:44

[2024/03/04 11:10:36] ppcls INFO: [Train][Epoch 2/100][Avg]top1: 0.22727, CELoss: 7.46118, loss: 7.46118

[2024/03/04 11:10:37] ppcls INFO: [Eval][Epoch 2][Iter: 0/5]CELoss: 213.08984, loss: 213.08984, top1: 0.00000, batch\_cost: 0.80781s, reader\_cost: 0.60896, ips: 39.61352 images/sec

[2024/03/04 11:10:40] ppcls INFO: [Eval][Epoch 2][Avg]CELoss: 527.19779, loss: 527.19779, top1: 0.17188

[2024/03/04 11:10:40] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\best\_model

[2024/03/04 11:10:40] ppcls INFO: [Eval][Epoch 2][best metric: 0.171875]

[2024/03/04 11:10:40] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_2

[2024/03/04 11:10:40] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:10:44] ppcls INFO: [Train][Epoch 3/100][Iter: 0/2]lr(LinearWarmup): 0.13333333, top1: 0.30519, CELoss: 2.61593, loss: 2.61593, batch\_cost: 3.81928s, reader\_cost: 2.90692, ips: 40.32178 samples/s, eta: 0:12:28

[2024/03/04 11:10:57] ppcls INFO: [Train][Epoch 3/100][Avg]top1: 0.33442, CELoss: 2.32137, loss: 2.32137

[2024/03/04 11:10:58] ppcls INFO: [Eval][Epoch 3][Iter: 0/5]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.84418s, reader\_cost: 0.61793, ips: 37.90677 images/sec

[2024/03/04 11:11:01] ppcls INFO: [Eval][Epoch 3][Avg]CELoss: 13617.47900, loss: 13617.47900, top1: 0.29688

[2024/03/04 11:11:01] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\best\_model

[2024/03/04 11:11:01] ppcls INFO: [Eval][Epoch 3][best metric: 0.296875]

[2024/03/04 11:11:01] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_3

[2024/03/04 11:11:01] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:11:05] ppcls INFO: [Train][Epoch 4/100][Iter: 0/2]lr(LinearWarmup): 0.18666667, top1: 0.28571, CELoss: 1.36090, loss: 1.36090, batch\_cost: 3.74544s, reader\_cost: 2.94995, ips: 41.11671 samples/s, eta: 0:12:06

[2024/03/04 11:11:18] ppcls INFO: [Train][Epoch 4/100][Avg]top1: 0.26948, CELoss: 1.54802, loss: 1.54802

[2024/03/04 11:11:19] ppcls INFO: [Eval][Epoch 4][Iter: 0/5]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.84860s, reader\_cost: 0.62036, ips: 37.70914 images/sec

[2024/03/04 11:11:22] ppcls INFO: [Eval][Epoch 4][Avg]CELoss: 70289.89648, loss: 70289.89648, top1: 0.29688

[2024/03/04 11:11:22] ppcls INFO: [Eval][Epoch 4][best metric: 0.296875]

[2024/03/04 11:11:22] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_4

[2024/03/04 11:11:22] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:11:26] ppcls INFO: [Train][Epoch 5/100][Iter: 0/2]lr(LinearWarmup): 0.24000000, top1: 0.37013, CELoss: 1.35783, loss: 1.35783, batch\_cost: 3.68427s, reader\_cost: 2.94994, ips: 41.79934 samples/s, eta: 0:11:47

[2024/03/04 11:11:39] ppcls INFO: [Train][Epoch 5/100][Avg]top1: 0.31818, CELoss: 1.39632, loss: 1.39632

[2024/03/04 11:11:40] ppcls INFO: [Eval][Epoch 5][Iter: 0/5]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.79733s, reader\_cost: 0.60996, ips: 40.13380 images/sec

[2024/03/04 11:11:43] ppcls INFO: [Eval][Epoch 5][Avg]CELoss: 54108.92188, loss: 54108.92188, top1: 0.29688

[2024/03/04 11:11:43] ppcls INFO: [Eval][Epoch 5][best metric: 0.296875]

[2024/03/04 11:11:43] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_5

[2024/03/04 11:11:43] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:11:47] ppcls INFO: [Train][Epoch 6/100][Iter: 0/2]lr(LinearWarmup): 0.29333333, top1: 0.33117, CELoss: 1.36568, loss: 1.36568, batch\_cost: 3.71104s, reader\_cost: 3.01264, ips: 41.49785 samples/s, eta: 0:11:45

[2024/03/04 11:12:01] ppcls INFO: [Train][Epoch 6/100][Avg]top1: 0.35065, CELoss: 1.35334, loss: 1.35334

[2024/03/04 11:12:02] ppcls INFO: [Eval][Epoch 6][Iter: 0/5]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.81046s, reader\_cost: 0.61162, ips: 39.48376 images/sec

[2024/03/04 11:12:05] ppcls INFO: [Eval][Epoch 6][Avg]CELoss: 57124.40625, loss: 57124.40625, top1: 0.29688

[2024/03/04 11:12:05] ppcls INFO: [Eval][Epoch 6][best metric: 0.296875]

[2024/03/04 11:12:05] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_6

[2024/03/04 11:12:05] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:12:09] ppcls INFO: [Train][Epoch 7/100][Iter: 0/2]lr(LinearWarmup): 0.34666667, top1: 0.46104, CELoss: 1.27442, loss: 1.27442, batch\_cost: 3.74687s, reader\_cost: 3.06877, ips: 41.10097 samples/s, eta: 0:11:44

[2024/03/04 11:12:23] ppcls INFO: [Train][Epoch 7/100][Avg]top1: 0.48377, CELoss: 1.27896, loss: 1.27896

[2024/03/04 11:12:24] ppcls INFO: [Eval][Epoch 7][Iter: 0/5]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.88368s, reader\_cost: 0.65644, ips: 36.21213 images/sec

[2024/03/04 11:12:27] ppcls INFO: [Eval][Epoch 7][Avg]CELoss: 61654.11523, loss: 61654.11523, top1: 0.29688

[2024/03/04 11:12:27] ppcls INFO: [Eval][Epoch 7][best metric: 0.296875]

[2024/03/04 11:12:27] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_7

[2024/03/04 11:12:27] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:12:31] ppcls INFO: [Train][Epoch 8/100][Iter: 0/2]lr(LinearWarmup): 0.40000000, top1: 0.55195, CELoss: 1.46075, loss: 1.46075, batch\_cost: 3.76507s, reader\_cost: 3.10485, ips: 40.90228 samples/s, eta: 0:11:40

[2024/03/04 11:12:45] ppcls INFO: [Train][Epoch 8/100][Avg]top1: 0.43831, CELoss: 1.40822, loss: 1.40822

[2024/03/04 11:12:46] ppcls INFO: [Eval][Epoch 8][Iter: 0/5]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.86411s, reader\_cost: 0.63787, ips: 37.03233 images/sec

[2024/03/04 11:12:49] ppcls INFO: [Eval][Epoch 8][Avg]CELoss: 8681.78223, loss: 8681.78223, top1: 0.29688

[2024/03/04 11:12:49] ppcls INFO: [Eval][Epoch 8][best metric: 0.296875]

[2024/03/04 11:12:49] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_8

[2024/03/04 11:12:49] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:12:53] ppcls INFO: [Train][Epoch 9/100][Iter: 0/2]lr(LinearWarmup): 0.39995140, top1: 0.32468, CELoss: 1.31732, loss: 1.31732, batch\_cost: 3.75128s, reader\_cost: 3.11368, ips: 41.05265 samples/s, eta: 0:11:30

[2024/03/04 11:13:07] ppcls INFO: [Train][Epoch 9/100][Avg]top1: 0.38312, CELoss: 1.26070, loss: 1.26070

[2024/03/04 11:13:08] ppcls INFO: [Eval][Epoch 9][Iter: 0/5]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.85460s, reader\_cost: 0.65726, ips: 37.44458 images/sec

[2024/03/04 11:13:11] ppcls INFO: [Eval][Epoch 9][Avg]CELoss: 4262.08942, loss: 4262.08942, top1: 0.29688

[2024/03/04 11:13:11] ppcls INFO: [Eval][Epoch 9][best metric: 0.296875]

[2024/03/04 11:13:11] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_9

[2024/03/04 11:13:11] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:13:15] ppcls INFO: [Train][Epoch 10/100][Iter: 0/2]lr(LinearWarmup): 0.39980562, top1: 0.50649, CELoss: 1.20491, loss: 1.20491, batch\_cost: 3.72884s, reader\_cost: 3.11046, ips: 41.29970 samples/s, eta: 0:11:18

[2024/03/04 11:13:28] ppcls INFO: [Train][Epoch 10/100][Avg]top1: 0.49675, CELoss: 1.36979, loss: 1.36979

[2024/03/04 11:13:29] ppcls INFO: [Eval][Epoch 10][Iter: 0/5]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.85978s, reader\_cost: 0.63203, ips: 37.21872 images/sec

[2024/03/04 11:13:32] ppcls INFO: [Eval][Epoch 10][Avg]CELoss: 12275.64111, loss: 12275.64111, top1: 0.29688

[2024/03/04 11:13:32] ppcls INFO: [Eval][Epoch 10][best metric: 0.296875]

[2024/03/04 11:13:33] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_10

[2024/03/04 11:13:33] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:13:37] ppcls INFO: [Train][Epoch 11/100][Iter: 0/2]lr(LinearWarmup): 0.39956273, top1: 0.62987, CELoss: 1.21107, loss: 1.21107, batch\_cost: 3.71045s, reader\_cost: 3.10673, ips: 41.50437 samples/s, eta: 0:11:07

[2024/03/04 11:13:50] ppcls INFO: [Train][Epoch 11/100][Avg]top1: 0.62338, CELoss: 1.21381, loss: 1.21381

[2024/03/04 11:13:51] ppcls INFO: [Eval][Epoch 11][Iter: 0/5]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.86917s, reader\_cost: 0.65289, ips: 36.81685 images/sec

[2024/03/04 11:13:54] ppcls INFO: [Eval][Epoch 11][Avg]CELoss: 4688.68262, loss: 4688.68262, top1: 0.29688

[2024/03/04 11:13:54] ppcls INFO: [Eval][Epoch 11][best metric: 0.296875]

[2024/03/04 11:13:54] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_11

[2024/03/04 11:13:54] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:13:58] ppcls INFO: [Train][Epoch 12/100][Iter: 0/2]lr(LinearWarmup): 0.39922284, top1: 0.53247, CELoss: 1.28447, loss: 1.28447, batch\_cost: 3.70862s, reader\_cost: 3.11042, ips: 41.52489 samples/s, eta: 0:11:00

[2024/03/04 11:14:12] ppcls INFO: [Train][Epoch 12/100][Avg]top1: 0.55519, CELoss: 1.27878, loss: 1.27878

[2024/03/04 11:14:12] ppcls INFO: [Eval][Epoch 12][Iter: 0/5]CELoss: 0.00607, loss: 0.00607, top1: 1.00000, batch\_cost: 0.88386s, reader\_cost: 0.65562, ips: 36.20493 images/sec

[2024/03/04 11:14:16] ppcls INFO: [Eval][Epoch 12][Avg]CELoss: 577.11568, loss: 577.11568, top1: 0.29688

[2024/03/04 11:14:16] ppcls INFO: [Eval][Epoch 12][best metric: 0.296875]

[2024/03/04 11:14:16] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_12

[2024/03/04 11:14:16] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:14:20] ppcls INFO: [Train][Epoch 13/100][Iter: 0/2]lr(LinearWarmup): 0.39878614, top1: 0.55844, CELoss: 1.19993, loss: 1.19993, batch\_cost: 3.70175s, reader\_cost: 3.11441, ips: 41.60194 samples/s, eta: 0:10:51

[2024/03/04 11:14:33] ppcls INFO: [Train][Epoch 13/100][Avg]top1: 0.58117, CELoss: 1.25764, loss: 1.25764

[2024/03/04 11:14:34] ppcls INFO: [Eval][Epoch 13][Iter: 0/5]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.82573s, reader\_cost: 0.59949, ips: 38.75337 images/sec

[2024/03/04 11:14:37] ppcls INFO: [Eval][Epoch 13][Avg]CELoss: 1475.57248, loss: 1475.57248, top1: 0.29688

[2024/03/04 11:14:37] ppcls INFO: [Eval][Epoch 13][best metric: 0.296875]

[2024/03/04 11:14:37] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_13

[2024/03/04 11:14:38] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:14:42] ppcls INFO: [Train][Epoch 14/100][Iter: 0/2]lr(LinearWarmup): 0.39825281, top1: 0.49351, CELoss: 3.02754, loss: 3.02754, batch\_cost: 3.69100s, reader\_cost: 3.11225, ips: 41.72310 samples/s, eta: 0:10:42

[2024/03/04 11:14:55] ppcls INFO: [Train][Epoch 14/100][Avg]top1: 0.45130, CELoss: 2.92635, loss: 2.92635

[2024/03/04 11:14:56] ppcls INFO: [Eval][Epoch 14][Iter: 0/5]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.87288s, reader\_cost: 0.64763, ips: 36.66032 images/sec

[2024/03/04 11:14:59] ppcls INFO: [Eval][Epoch 14][Avg]CELoss: 450.06522, loss: 450.06522, top1: 0.29688

[2024/03/04 11:14:59] ppcls INFO: [Eval][Epoch 14][best metric: 0.296875]

[2024/03/04 11:14:59] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_14

[2024/03/04 11:14:59] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:15:03] ppcls INFO: [Train][Epoch 15/100][Iter: 0/2]lr(LinearWarmup): 0.39762314, top1: 0.38961, CELoss: 2.74839, loss: 2.74839, batch\_cost: 3.69475s, reader\_cost: 3.12052, ips: 41.68074 samples/s, eta: 0:10:35

[2024/03/04 11:15:17] ppcls INFO: [Train][Epoch 15/100][Avg]top1: 0.40260, CELoss: 2.57588, loss: 2.57588

[2024/03/04 11:15:17] ppcls INFO: [Eval][Epoch 15][Iter: 0/5]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.86171s, reader\_cost: 0.66086, ips: 37.13561 images/sec

[2024/03/04 11:15:21] ppcls INFO: [Eval][Epoch 15][Avg]CELoss: 406.36531, loss: 406.36531, top1: 0.28906

[2024/03/04 11:15:21] ppcls INFO: [Eval][Epoch 15][best metric: 0.296875]

[2024/03/04 11:15:21] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_15

[2024/03/04 11:15:21] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:15:25] ppcls INFO: [Train][Epoch 16/100][Iter: 0/2]lr(LinearWarmup): 0.39689741, top1: 0.44805, CELoss: 1.96213, loss: 1.96213, batch\_cost: 3.68404s, reader\_cost: 3.11938, ips: 41.80191 samples/s, eta: 0:10:26

[2024/03/04 11:15:38] ppcls INFO: [Train][Epoch 16/100][Avg]top1: 0.43506, CELoss: 2.09237, loss: 2.09237

[2024/03/04 11:15:39] ppcls INFO: [Eval][Epoch 16][Iter: 0/5]CELoss: 535.20764, loss: 535.20764, top1: 0.15625, batch\_cost: 0.85117s, reader\_cost: 0.63290, ips: 37.59528 images/sec

[2024/03/04 11:15:42] ppcls INFO: [Eval][Epoch 16][Avg]CELoss: 207.08076, loss: 207.08076, top1: 0.17969

[2024/03/04 11:15:42] ppcls INFO: [Eval][Epoch 16][best metric: 0.296875]

[2024/03/04 11:15:42] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_16

[2024/03/04 11:15:42] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:15:47] ppcls INFO: [Train][Epoch 17/100][Iter: 0/2]lr(LinearWarmup): 0.39607599, top1: 0.53247, CELoss: 2.58964, loss: 2.58964, batch\_cost: 3.71099s, reader\_cost: 3.15177, ips: 41.49841 samples/s, eta: 0:10:23

[2024/03/04 11:16:01] ppcls INFO: [Train][Epoch 17/100][Avg]top1: 0.54545, CELoss: 2.17406, loss: 2.17406

[2024/03/04 11:16:02] ppcls INFO: [Eval][Epoch 17][Iter: 0/5]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.92087s, reader\_cost: 0.69463, ips: 34.74959 images/sec

[2024/03/04 11:16:05] ppcls INFO: [Eval][Epoch 17][Avg]CELoss: 816.66675, loss: 816.66675, top1: 0.29688

[2024/03/04 11:16:05] ppcls INFO: [Eval][Epoch 17][best metric: 0.296875]

[2024/03/04 11:16:05] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_17

[2024/03/04 11:16:05] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:16:09] ppcls INFO: [Train][Epoch 18/100][Iter: 0/2]lr(LinearWarmup): 0.39515928, top1: 0.59091, CELoss: 1.62314, loss: 1.62314, batch\_cost: 3.71025s, reader\_cost: 3.15782, ips: 41.50661 samples/s, eta: 0:10:15

[2024/03/04 11:16:23] ppcls INFO: [Train][Epoch 18/100][Avg]top1: 0.54221, CELoss: 2.17841, loss: 2.17841

[2024/03/04 11:16:23] ppcls INFO: [Eval][Epoch 18][Iter: 0/5]CELoss: 1495.11011, loss: 1495.11011, top1: 0.00000, batch\_cost: 0.86657s, reader\_cost: 0.63834, ips: 36.92700 images/sec

[2024/03/04 11:16:27] ppcls INFO: [Eval][Epoch 18][Avg]CELoss: 527.86590, loss: 527.86590, top1: 0.08594

[2024/03/04 11:16:27] ppcls INFO: [Eval][Epoch 18][best metric: 0.296875]

[2024/03/04 11:16:27] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_18

[2024/03/04 11:16:27] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:16:31] ppcls INFO: [Train][Epoch 19/100][Iter: 0/2]lr(LinearWarmup): 0.39414771, top1: 0.53247, CELoss: 5.09013, loss: 5.09013, batch\_cost: 3.70161s, reader\_cost: 3.15021, ips: 41.60353 samples/s, eta: 0:10:07

[2024/03/04 11:16:44] ppcls INFO: [Train][Epoch 19/100][Avg]top1: 0.48052, CELoss: 6.92514, loss: 6.92514

[2024/03/04 11:16:45] ppcls INFO: [Eval][Epoch 19][Iter: 0/5]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.83998s, reader\_cost: 0.61073, ips: 38.09614 images/sec

[2024/03/04 11:16:48] ppcls INFO: [Eval][Epoch 19][Avg]CELoss: 44842.92871, loss: 44842.92871, top1: 0.29688

[2024/03/04 11:16:48] ppcls INFO: [Eval][Epoch 19][best metric: 0.296875]

[2024/03/04 11:16:48] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_19

[2024/03/04 11:16:49] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:16:53] ppcls INFO: [Train][Epoch 20/100][Iter: 0/2]lr(LinearWarmup): 0.39304178, top1: 0.55844, CELoss: 1.23414, loss: 1.23414, batch\_cost: 3.69927s, reader\_cost: 3.15395, ips: 41.62984 samples/s, eta: 0:09:59

[2024/03/04 11:17:06] ppcls INFO: [Train][Epoch 20/100][Avg]top1: 0.53247, CELoss: 1.21799, loss: 1.21799

[2024/03/04 11:17:07] ppcls INFO: [Eval][Epoch 20][Iter: 0/5]CELoss: 155925.82812, loss: 155925.82812, top1: 0.00000, batch\_cost: 0.82407s, reader\_cost: 0.59601, ips: 38.83180 images/sec

[2024/03/04 11:17:10] ppcls INFO: [Eval][Epoch 20][Avg]CELoss: 202562.33447, loss: 202562.33447, top1: 0.21875

[2024/03/04 11:17:10] ppcls INFO: [Eval][Epoch 20][best metric: 0.296875]

[2024/03/04 11:17:10] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_20

[2024/03/04 11:17:11] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:17:15] ppcls INFO: [Train][Epoch 21/100][Iter: 0/2]lr(LinearWarmup): 0.39184203, top1: 0.48052, CELoss: 1.21328, loss: 1.21328, batch\_cost: 3.71454s, reader\_cost: 3.16989, ips: 41.45865 samples/s, eta: 0:09:54

[2024/03/04 11:17:28] ppcls INFO: [Train][Epoch 21/100][Avg]top1: 0.49675, CELoss: 1.24993, loss: 1.24993

[2024/03/04 11:17:29] ppcls INFO: [Eval][Epoch 21][Iter: 0/5]CELoss: 584677.43750, loss: 584677.43750, top1: 0.00000, batch\_cost: 0.83792s, reader\_cost: 0.60868, ips: 38.19000 images/sec

[2024/03/04 11:17:32] ppcls INFO: [Eval][Epoch 21][Avg]CELoss: 787857.70312, loss: 787857.70312, top1: 0.08594

[2024/03/04 11:17:32] ppcls INFO: [Eval][Epoch 21][best metric: 0.296875]

[2024/03/04 11:17:32] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_21

[2024/03/04 11:17:33] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:17:36] ppcls INFO: [Train][Epoch 22/100][Iter: 0/2]lr(LinearWarmup): 0.39054905, top1: 0.48052, CELoss: 1.41737, loss: 1.41737, batch\_cost: 3.70554s, reader\_cost: 3.16203, ips: 41.55945 samples/s, eta: 0:09:45

[2024/03/04 11:17:50] ppcls INFO: [Train][Epoch 22/100][Avg]top1: 0.49026, CELoss: 1.34239, loss: 1.34239

[2024/03/04 11:17:51] ppcls INFO: [Eval][Epoch 22][Iter: 0/5]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.85864s, reader\_cost: 0.63040, ips: 37.26844 images/sec

[2024/03/04 11:17:54] ppcls INFO: [Eval][Epoch 22][Avg]CELoss: 119429.68359, loss: 119429.68359, top1: 0.29688

[2024/03/04 11:17:54] ppcls INFO: [Eval][Epoch 22][best metric: 0.296875]

[2024/03/04 11:17:54] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_22

[2024/03/04 11:17:55] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:17:59] ppcls INFO: [Train][Epoch 23/100][Iter: 0/2]lr(LinearWarmup): 0.38916345, top1: 0.59091, CELoss: 1.30652, loss: 1.30652, batch\_cost: 3.72198s, reader\_cost: 3.17941, ips: 41.37581 samples/s, eta: 0:09:40

[2024/03/04 11:18:13] ppcls INFO: [Train][Epoch 23/100][Avg]top1: 0.52922, CELoss: 1.28683, loss: 1.28683

[2024/03/04 11:18:14] ppcls INFO: [Eval][Epoch 23][Iter: 0/5]CELoss: 117261.54688, loss: 117261.54688, top1: 0.00000, batch\_cost: 1.25996s, reader\_cost: 1.03272, ips: 25.39771 images/sec

[2024/03/04 11:18:17] ppcls INFO: [Eval][Epoch 23][Avg]CELoss: 102119.26074, loss: 102119.26074, top1: 0.08594

[2024/03/04 11:18:17] ppcls INFO: [Eval][Epoch 23][best metric: 0.296875]

[2024/03/04 11:18:17] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_23

[2024/03/04 11:18:18] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:18:23] ppcls INFO: [Train][Epoch 24/100][Iter: 0/2]lr(LinearWarmup): 0.38768591, top1: 0.59091, CELoss: 1.47874, loss: 1.47874, batch\_cost: 3.75666s, reader\_cost: 3.21563, ips: 40.99385 samples/s, eta: 0:09:38

[2024/03/04 11:18:45] ppcls INFO: [Train][Epoch 24/100][Avg]top1: 0.52922, CELoss: 1.66123, loss: 1.66123

[2024/03/04 11:18:46] ppcls INFO: [Eval][Epoch 24][Iter: 0/5]CELoss: 11187.44043, loss: 11187.44043, top1: 0.00000, batch\_cost: 1.43894s, reader\_cost: 1.21401, ips: 22.23853 images/sec

[2024/03/04 11:18:51] ppcls INFO: [Eval][Epoch 24][Avg]CELoss: 9548.23129, loss: 9548.23129, top1: 0.39844

[2024/03/04 11:18:51] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\best\_model

[2024/03/04 11:18:51] ppcls INFO: [Eval][Epoch 24][best metric: 0.3984375]

[2024/03/04 11:18:52] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_24

[2024/03/04 11:18:52] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:18:58] ppcls INFO: [Train][Epoch 25/100][Iter: 0/2]lr(LinearWarmup): 0.38611716, top1: 0.59740, CELoss: 1.38364, loss: 1.38364, batch\_cost: 3.83516s, reader\_cost: 3.29158, ips: 40.15474 samples/s, eta: 0:09:42

[2024/03/04 11:19:20] ppcls INFO: [Train][Epoch 25/100][Avg]top1: 0.53247, CELoss: 1.49645, loss: 1.49645

[2024/03/04 11:19:21] ppcls INFO: [Eval][Epoch 25][Iter: 0/5]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 1.15695s, reader\_cost: 0.97058, ips: 27.65889 images/sec

[2024/03/04 11:19:26] ppcls INFO: [Eval][Epoch 25][Avg]CELoss: 4237.27393, loss: 4237.27393, top1: 0.29688

[2024/03/04 11:19:26] ppcls INFO: [Eval][Epoch 25][best metric: 0.3984375]

[2024/03/04 11:19:26] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_25

[2024/03/04 11:19:27] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 11:19:32] ppcls INFO: [Train][Epoch 26/100][Iter: 0/2]lr(LinearWarmup): 0.38445795, top1: 0.53247, CELoss: 1.39817, loss: 1.39817, batch\_cost: 3.89561s, reader\_cost: 3.35351, ips: 39.53171 samples/s, eta: 0:09:44

[2024/03/04 11:19:54] ppcls INFO: [Train][Epoch 26/100][Avg]top1: 0.55195, CELoss: 1.23769, loss: 1.23769

[2024/03/04 11:19:55] ppcls INFO: [Eval][Epoch 26][Iter: 0/5]CELoss: 0.00007, loss: 0.00007, top1: 1.00000, batch\_cost: 1.04655s, reader\_cost: 0.81732, ips: 30.57671 images/sec

[2024/03/04 11:19:58] ppcls INFO: [Eval][Epoch 26][Avg]CELoss: 167.50899, loss: 167.50899, top1: 0.29688

[2024/03/04 11:19:58] ppcls INFO: [Eval][Epoch 26][best metric: 0.3984375]

[2024/03/04 11:20:02] ppcls INFO: [Train][Epoch 27/100][Iter: 0/2]lr(LinearWarmup): 0.38270909, top1: 0.54545, CELoss: 1.13604, loss: 1.13604, batch\_cost: 3.92271s, reader\_cost: 3.38453, ips: 39.25855 samples/s, eta: 0:09:40

[2024/03/04 11:20:16] ppcls INFO: [Train][Epoch 27/100][Avg]top1: 0.57468, CELoss: 1.06573, loss: 1.06573

[2024/03/04 11:20:17] ppcls INFO: [Eval][Epoch 27][Iter: 0/5]CELoss: 1.73742, loss: 1.73742, top1: 0.00000, batch\_cost: 0.86039s, reader\_cost: 0.64511, ips: 37.19258 images/sec

[2024/03/04 11:20:20] ppcls INFO: [Eval][Epoch 27][Avg]CELoss: 1.56503, loss: 1.56503, top1: 0.08594

[2024/03/04 11:20:20] ppcls INFO: [Eval][Epoch 27][best metric: 0.3984375]

[2024/03/04 11:20:24] ppcls INFO: [Train][Epoch 28/100][Iter: 0/2]lr(LinearWarmup): 0.38087143, top1: 0.61039, CELoss: 1.03426, loss: 1.03426, batch\_cost: 3.92277s, reader\_cost: 3.38530, ips: 39.25795 samples/s, eta: 0:09:32

[2024/03/04 11:20:38] ppcls INFO: [Train][Epoch 28/100][Avg]top1: 0.62338, CELoss: 1.00546, loss: 1.00546

[2024/03/04 11:20:39] ppcls INFO: [Eval][Epoch 28][Iter: 0/5]CELoss: 2.88143, loss: 2.88143, top1: 0.00000, batch\_cost: 0.87753s, reader\_cost: 0.64929, ips: 36.46592 images/sec

[2024/03/04 11:20:42] ppcls INFO: [Eval][Epoch 28][Avg]CELoss: 2.99155, loss: 2.99155, top1: 0.39844

[2024/03/04 11:20:42] ppcls INFO: [Eval][Epoch 28][best metric: 0.3984375]

[2024/03/04 11:20:46] ppcls INFO: [Train][Epoch 29/100][Iter: 0/2]lr(LinearWarmup): 0.37894587, top1: 0.66234, CELoss: 0.96479, loss: 0.96479, batch\_cost: 3.91653s, reader\_cost: 3.38061, ips: 39.32050 samples/s, eta: 0:09:23

[2024/03/04 11:21:00] ppcls INFO: [Train][Epoch 29/100][Avg]top1: 0.63961, CELoss: 0.98026, loss: 0.98026

[2024/03/04 11:21:01] ppcls INFO: [Eval][Epoch 29][Iter: 0/5]CELoss: 1.85718, loss: 1.85718, top1: 0.03125, batch\_cost: 0.91283s, reader\_cost: 0.68459, ips: 35.05581 images/sec

[2024/03/04 11:21:04] ppcls INFO: [Eval][Epoch 29][Avg]CELoss: 1.51965, loss: 1.51965, top1: 0.21875

[2024/03/04 11:21:04] ppcls INFO: [Eval][Epoch 29][best metric: 0.3984375]

[2024/03/04 11:21:08] ppcls INFO: [Train][Epoch 30/100][Iter: 0/2]lr(LinearWarmup): 0.37693333, top1: 0.68831, CELoss: 0.97332, loss: 0.97332, batch\_cost: 3.90773s, reader\_cost: 3.37484, ips: 39.40907 samples/s, eta: 0:09:14

[2024/03/04 11:21:22] ppcls INFO: [Train][Epoch 30/100][Avg]top1: 0.69156, CELoss: 0.91892, loss: 0.91892

[2024/03/04 11:21:22] ppcls INFO: [Eval][Epoch 30][Iter: 0/5]CELoss: 2.15485, loss: 2.15485, top1: 0.09375, batch\_cost: 0.87612s, reader\_cost: 0.64788, ips: 36.52455 images/sec

[2024/03/04 11:21:26] ppcls INFO: [Eval][Epoch 30][Avg]CELoss: 2.07092, loss: 2.07092, top1: 0.11719

[2024/03/04 11:21:26] ppcls INFO: [Eval][Epoch 30][best metric: 0.3984375]

[2024/03/04 11:21:30] ppcls INFO: [Train][Epoch 31/100][Iter: 0/2]lr(LinearWarmup): 0.37483480, top1: 0.61688, CELoss: 0.97650, loss: 0.97650, batch\_cost: 3.89996s, reader\_cost: 3.36760, ips: 39.48759 samples/s, eta: 0:09:05

[2024/03/04 11:21:43] ppcls INFO: [Train][Epoch 31/100][Avg]top1: 0.63961, CELoss: 0.98016, loss: 0.98016

[2024/03/04 11:21:44] ppcls INFO: [Eval][Epoch 31][Iter: 0/5]CELoss: 25.06042, loss: 25.06042, top1: 0.15625, batch\_cost: 0.86955s, reader\_cost: 0.64231, ips: 36.80083 images/sec

[2024/03/04 11:21:47] ppcls INFO: [Eval][Epoch 31][Avg]CELoss: 24.41869, loss: 24.41869, top1: 0.13281

[2024/03/04 11:21:47] ppcls INFO: [Eval][Epoch 31][best metric: 0.3984375]

[2024/03/04 11:21:51] ppcls INFO: [Train][Epoch 32/100][Iter: 0/2]lr(LinearWarmup): 0.37265130, top1: 0.64286, CELoss: 0.99289, loss: 0.99289, batch\_cost: 3.88986s, reader\_cost: 3.35820, ips: 39.59013 samples/s, eta: 0:08:56

[2024/03/04 11:22:05] ppcls INFO: [Train][Epoch 32/100][Avg]top1: 0.64610, CELoss: 0.99778, loss: 0.99778

[2024/03/04 11:22:06] ppcls INFO: [Eval][Epoch 32][Iter: 0/5]CELoss: 1.18970, loss: 1.18970, top1: 0.25000, batch\_cost: 0.87915s, reader\_cost: 0.65290, ips: 36.39892 images/sec

[2024/03/04 11:22:09] ppcls INFO: [Eval][Epoch 32][Avg]CELoss: 1.75347, loss: 1.75347, top1: 0.12500

[2024/03/04 11:22:09] ppcls INFO: [Eval][Epoch 32][best metric: 0.3984375]

[2024/03/04 11:22:13] ppcls INFO: [Train][Epoch 33/100][Iter: 0/2]lr(LinearWarmup): 0.37038388, top1: 0.71429, CELoss: 0.90110, loss: 0.90110, batch\_cost: 3.88418s, reader\_cost: 3.35385, ips: 39.64801 samples/s, eta: 0:08:48

[2024/03/04 11:22:26] ppcls INFO: [Train][Epoch 33/100][Avg]top1: 0.71104, CELoss: 0.88257, loss: 0.88257

[2024/03/04 11:22:27] ppcls INFO: [Eval][Epoch 33][Iter: 0/5]CELoss: 1.26650, loss: 1.26650, top1: 0.28125, batch\_cost: 0.84285s, reader\_cost: 0.61365, ips: 37.96630 images/sec

[2024/03/04 11:22:30] ppcls INFO: [Eval][Epoch 33][Avg]CELoss: 1.81261, loss: 1.81261, top1: 0.16406

[2024/03/04 11:22:30] ppcls INFO: [Eval][Epoch 33][best metric: 0.3984375]

[2024/03/04 11:22:35] ppcls INFO: [Train][Epoch 34/100][Iter: 0/2]lr(LinearWarmup): 0.36803366, top1: 0.62987, CELoss: 0.94288, loss: 0.94288, batch\_cost: 3.87933s, reader\_cost: 3.34863, ips: 39.69758 samples/s, eta: 0:08:39

[2024/03/04 11:22:48] ppcls INFO: [Train][Epoch 34/100][Avg]top1: 0.66234, CELoss: 0.95497, loss: 0.95497

[2024/03/04 11:22:49] ppcls INFO: [Eval][Epoch 34][Iter: 0/5]CELoss: 1.44200, loss: 1.44200, top1: 0.28125, batch\_cost: 0.83451s, reader\_cost: 0.60676, ips: 38.34574 images/sec

[2024/03/04 11:22:52] ppcls INFO: [Eval][Epoch 34][Avg]CELoss: 1.73380, loss: 1.73380, top1: 0.22656

[2024/03/04 11:22:52] ppcls INFO: [Eval][Epoch 34][best metric: 0.3984375]

[2024/03/04 11:22:57] ppcls INFO: [Train][Epoch 35/100][Iter: 0/2]lr(LinearWarmup): 0.36560177, top1: 0.62338, CELoss: 0.94471, loss: 0.94471, batch\_cost: 3.87827s, reader\_cost: 3.35052, ips: 39.70840 samples/s, eta: 0:08:31

[2024/03/04 11:23:10] ppcls INFO: [Train][Epoch 35/100][Avg]top1: 0.67532, CELoss: 0.89407, loss: 0.89407

[2024/03/04 11:23:11] ppcls INFO: [Eval][Epoch 35][Iter: 0/5]CELoss: 1.37779, loss: 1.37779, top1: 0.31250, batch\_cost: 0.88284s, reader\_cost: 0.65460, ips: 36.24669 images/sec

[2024/03/04 11:23:14] ppcls INFO: [Eval][Epoch 35][Avg]CELoss: 1.24853, loss: 1.24853, top1: 0.46094

[2024/03/04 11:23:14] ppcls INFO: [Eval][Epoch 35][best metric: 0.4609375]

[2024/03/04 11:23:18] ppcls INFO: [Train][Epoch 36/100][Iter: 0/2]lr(LinearWarmup): 0.36308939, top1: 0.70130, CELoss: 0.97028, loss: 0.97028, batch\_cost: 3.87665s, reader\_cost: 3.34916, ips: 39.72500 samples/s, eta: 0:08:23

[2024/03/04 11:23:32] ppcls INFO: [Train][Epoch 36/100][Avg]top1: 0.70779, CELoss: 0.90793, loss: 0.90793

[2024/03/04 11:23:33] ppcls INFO: [Eval][Epoch 36][Iter: 0/5]CELoss: 0.54735, loss: 0.54735, top1: 0.81250, batch\_cost: 0.85116s, reader\_cost: 0.64984, ips: 37.59554 images/sec

[2024/03/04 11:23:36] ppcls INFO: [Eval][Epoch 36][Avg]CELoss: 0.95379, loss: 0.95379, top1: 0.63281

[2024/03/04 11:23:36] ppcls INFO: [Eval][Epoch 36][best metric: 0.6328125]

[2024/03/04 11:23:40] ppcls INFO: [Train][Epoch 37/100][Iter: 0/2]lr(LinearWarmup): 0.36049775, top1: 0.77922, CELoss: 0.75814, loss: 0.75814, batch\_cost: 3.87714s, reader\_cost: 3.35106, ips: 39.72003 samples/s, eta: 0:08:16

[2024/03/04 11:23:54] ppcls INFO: [Train][Epoch 37/100][Avg]top1: 0.70130, CELoss: 0.86816, loss: 0.86816

[2024/03/04 11:23:55] ppcls INFO: [Eval][Epoch 37][Iter: 0/5]CELoss: 0.49848, loss: 0.49848, top1: 0.87500, batch\_cost: 0.88206s, reader\_cost: 0.65383, ips: 36.27878 images/sec

[2024/03/04 11:23:58] ppcls INFO: [Eval][Epoch 37][Avg]CELoss: 0.78774, loss: 0.78774, top1: 0.68750

[2024/03/04 11:23:58] ppcls INFO: [Eval][Epoch 37][best metric: 0.6875]

[2024/03/04 11:24:03] ppcls INFO: [Train][Epoch 38/100][Iter: 0/2]lr(LinearWarmup): 0.35782810, top1: 0.73377, CELoss: 0.88204, loss: 0.88204, batch\_cost: 3.87342s, reader\_cost: 3.34754, ips: 39.75810 samples/s, eta: 0:08:08

[2024/03/04 11:24:16] ppcls INFO: [Train][Epoch 38/100][Avg]top1: 0.71753, CELoss: 0.87881, loss: 0.87881

[2024/03/04 11:24:17] ppcls INFO: [Eval][Epoch 38][Iter: 0/5]CELoss: 0.86273, loss: 0.86273, top1: 0.75000, batch\_cost: 0.83292s, reader\_cost: 0.64654, ips: 38.41884 images/sec

[2024/03/04 11:24:20] ppcls INFO: [Eval][Epoch 38][Avg]CELoss: 0.76813, loss: 0.76813, top1: 0.75000

[2024/03/04 11:24:20] ppcls INFO: [Eval][Epoch 38][best metric: 0.75]

[2024/03/04 11:24:24] ppcls INFO: [Train][Epoch 39/100][Iter: 0/2]lr(LinearWarmup): 0.35508175, top1: 0.75325, CELoss: 0.83924, loss: 0.83924, batch\_cost: 3.87134s, reader\_cost: 3.34504, ips: 39.77951 samples/s, eta: 0:08:00

[2024/03/04 11:24:38] ppcls INFO: [Train][Epoch 39/100][Avg]top1: 0.77922, CELoss: 0.81541, loss: 0.81541

[2024/03/04 11:24:39] ppcls INFO: [Eval][Epoch 39][Iter: 0/5]CELoss: 0.79347, loss: 0.79347, top1: 0.78125, batch\_cost: 0.87620s, reader\_cost: 0.64945, ips: 36.52115 images/sec

[2024/03/04 11:24:42] ppcls INFO: [Eval][Epoch 39][Avg]CELoss: 0.84873, loss: 0.84873, top1: 0.76562

[2024/03/04 11:24:42] ppcls INFO: [Eval][Epoch 39][best metric: 0.765625]

[2024/03/04 11:24:46] ppcls INFO: [Train][Epoch 40/100][Iter: 0/2]lr(LinearWarmup): 0.35226002, top1: 0.78571, CELoss: 0.80932, loss: 0.80932, batch\_cost: 3.87229s, reader\_cost: 3.34745, ips: 39.76976 samples/s, eta: 0:07:52

[2024/03/04 11:25:00] ppcls INFO: [Train][Epoch 40/100][Avg]top1: 0.78247, CELoss: 0.80052, loss: 0.80052

[2024/03/04 11:25:01] ppcls INFO: [Eval][Epoch 40][Iter: 0/5]CELoss: 0.57199, loss: 0.57199, top1: 0.78125, batch\_cost: 0.87071s, reader\_cost: 0.64347, ips: 36.75156 images/sec

[2024/03/04 11:25:04] ppcls INFO: [Eval][Epoch 40][Avg]CELoss: 0.66113, loss: 0.66113, top1: 0.78906

[2024/03/04 11:25:04] ppcls INFO: [Eval][Epoch 40][best metric: 0.7890625]

[2024/03/04 11:25:08] ppcls INFO: [Train][Epoch 41/100][Iter: 0/2]lr(LinearWarmup): 0.34936430, top1: 0.77273, CELoss: 0.73814, loss: 0.73814, batch\_cost: 3.86829s, reader\_cost: 3.34471, ips: 39.81092 samples/s, eta: 0:07:44

[2024/03/04 11:25:22] ppcls INFO: [Train][Epoch 41/100][Avg]top1: 0.79545, CELoss: 0.74344, loss: 0.74344

[2024/03/04 11:25:23] ppcls INFO: [Eval][Epoch 41][Iter: 0/5]CELoss: 0.55307, loss: 0.55307, top1: 0.81250, batch\_cost: 0.87213s, reader\_cost: 0.64290, ips: 36.69172 images/sec

[2024/03/04 11:25:26] ppcls INFO: [Eval][Epoch 41][Avg]CELoss: 0.64163, loss: 0.64163, top1: 0.82812

[2024/03/04 11:25:26] ppcls INFO: [Eval][Epoch 41][best metric: 0.828125]

[2024/03/04 11:25:30] ppcls INFO: [Train][Epoch 42/100][Iter: 0/2]lr(LinearWarmup): 0.34639597, top1: 0.81169, CELoss: 0.75092, loss: 0.75092, batch\_cost: 3.86628s, reader\_cost: 3.34234, ips: 39.83154 samples/s, eta: 0:07:36

[2024/03/04 11:25:44] ppcls INFO: [Train][Epoch 42/100][Avg]top1: 0.82792, CELoss: 0.70270, loss: 0.70270

[2024/03/04 11:25:45] ppcls INFO: [Eval][Epoch 42][Iter: 0/5]CELoss: 0.56485, loss: 0.56485, top1: 0.78125, batch\_cost: 0.84119s, reader\_cost: 0.65382, ips: 38.04121 images/sec

[2024/03/04 11:25:48] ppcls INFO: [Eval][Epoch 42][Avg]CELoss: 0.71553, loss: 0.71553, top1: 0.71094

[2024/03/04 11:25:48] ppcls INFO: [Eval][Epoch 42][best metric: 0.828125]

[2024/03/04 11:25:53] ppcls INFO: [Train][Epoch 43/100][Iter: 0/2]lr(LinearWarmup): 0.34335650, top1: 0.87013, CELoss: 0.63473, loss: 0.63473, batch\_cost: 3.87743s, reader\_cost: 3.35301, ips: 39.71699 samples/s, eta: 0:07:29

[2024/03/04 11:26:06] ppcls INFO: [Train][Epoch 43/100][Avg]top1: 0.85065, CELoss: 0.68302, loss: 0.68302

[2024/03/04 11:26:07] ppcls INFO: [Eval][Epoch 43][Iter: 0/5]CELoss: 0.57393, loss: 0.57393, top1: 0.78125, batch\_cost: 0.82207s, reader\_cost: 0.59402, ips: 38.92609 images/sec

[2024/03/04 11:26:10] ppcls INFO: [Eval][Epoch 43][Avg]CELoss: 0.80541, loss: 0.80541, top1: 0.67969

[2024/03/04 11:26:10] ppcls INFO: [Eval][Epoch 43][best metric: 0.828125]

[2024/03/04 11:26:15] ppcls INFO: [Train][Epoch 44/100][Iter: 0/2]lr(LinearWarmup): 0.34024736, top1: 0.83117, CELoss: 0.74460, loss: 0.74460, batch\_cost: 3.86826s, reader\_cost: 3.34390, ips: 39.81120 samples/s, eta: 0:07:20

[2024/03/04 11:26:28] ppcls INFO: [Train][Epoch 44/100][Avg]top1: 0.83442, CELoss: 0.73685, loss: 0.73685

[2024/03/04 11:26:29] ppcls INFO: [Eval][Epoch 44][Iter: 0/5]CELoss: 0.80801, loss: 0.80801, top1: 0.75000, batch\_cost: 0.89069s, reader\_cost: 0.66245, ips: 35.92716 images/sec

[2024/03/04 11:26:32] ppcls INFO: [Eval][Epoch 44][Avg]CELoss: 0.83698, loss: 0.83698, top1: 0.67188

[2024/03/04 11:26:32] ppcls INFO: [Eval][Epoch 44][best metric: 0.828125]

[2024/03/04 11:26:37] ppcls INFO: [Train][Epoch 45/100][Iter: 0/2]lr(LinearWarmup): 0.33707005, top1: 0.79870, CELoss: 0.76248, loss: 0.76248, batch\_cost: 3.86808s, reader\_cost: 3.34362, ips: 39.81299 samples/s, eta: 0:07:13

[2024/03/04 11:26:50] ppcls INFO: [Train][Epoch 45/100][Avg]top1: 0.84740, CELoss: 0.70845, loss: 0.70845

[2024/03/04 11:26:51] ppcls INFO: [Eval][Epoch 45][Iter: 0/5]CELoss: 0.66775, loss: 0.66775, top1: 0.75000, batch\_cost: 0.87710s, reader\_cost: 0.64687, ips: 36.48373 images/sec

[2024/03/04 11:26:54] ppcls INFO: [Eval][Epoch 45][Avg]CELoss: 0.80753, loss: 0.80753, top1: 0.69531

[2024/03/04 11:26:54] ppcls INFO: [Eval][Epoch 45][best metric: 0.828125]

[2024/03/04 11:26:58] ppcls INFO: [Train][Epoch 46/100][Iter: 0/2]lr(LinearWarmup): 0.33382612, top1: 0.83766, CELoss: 0.72135, loss: 0.72135, batch\_cost: 3.86171s, reader\_cost: 3.33785, ips: 39.87866 samples/s, eta: 0:07:04

[2024/03/04 11:27:12] ppcls INFO: [Train][Epoch 46/100][Avg]top1: 0.83766, CELoss: 0.70291, loss: 0.70291

[2024/03/04 11:27:12] ppcls INFO: [Eval][Epoch 46][Iter: 0/5]CELoss: 0.64755, loss: 0.64755, top1: 0.75000, batch\_cost: 0.84331s, reader\_cost: 0.61506, ips: 37.94583 images/sec

[2024/03/04 11:27:17] ppcls INFO: [Eval][Epoch 46][Avg]CELoss: 0.67547, loss: 0.67547, top1: 0.75781

[2024/03/04 11:27:17] ppcls INFO: [Eval][Epoch 46][best metric: 0.828125]

[2024/03/04 11:27:23] ppcls INFO: [Train][Epoch 47/100][Iter: 0/2]lr(LinearWarmup): 0.33051715, top1: 0.84416, CELoss: 0.74347, loss: 0.74347, batch\_cost: 3.87913s, reader\_cost: 3.35582, ips: 39.69965 samples/s, eta: 0:06:58

[2024/03/04 11:27:46] ppcls INFO: [Train][Epoch 47/100][Avg]top1: 0.83442, CELoss: 0.73351, loss: 0.73351

[2024/03/04 11:27:47] ppcls INFO: [Eval][Epoch 47][Iter: 0/5]CELoss: 1.18584, loss: 1.18584, top1: 0.68750, batch\_cost: 0.89704s, reader\_cost: 0.69771, ips: 35.67269 images/sec

[2024/03/04 11:27:50] ppcls INFO: [Eval][Epoch 47][Avg]CELoss: 0.69792, loss: 0.69792, top1: 0.78125

[2024/03/04 11:27:50] ppcls INFO: [Eval][Epoch 47][best metric: 0.828125]

[2024/03/04 11:27:55] ppcls INFO: [Train][Epoch 48/100][Iter: 0/2]lr(LinearWarmup): 0.32714475, top1: 0.77922, CELoss: 0.75711, loss: 0.75711, batch\_cost: 3.91288s, reader\_cost: 3.38858, ips: 39.35717 samples/s, eta: 0:06:54

[2024/03/04 11:28:10] ppcls INFO: [Train][Epoch 48/100][Avg]top1: 0.79870, CELoss: 0.71834, loss: 0.71834

[2024/03/04 11:28:11] ppcls INFO: [Eval][Epoch 48][Iter: 0/5]CELoss: 0.81785, loss: 0.81785, top1: 0.71875, batch\_cost: 0.83471s, reader\_cost: 0.60747, ips: 38.33676 images/sec

[2024/03/04 11:28:15] ppcls INFO: [Eval][Epoch 48][Avg]CELoss: 0.61952, loss: 0.61952, top1: 0.80469

[2024/03/04 11:28:15] ppcls INFO: [Eval][Epoch 48][best metric: 0.828125]

[2024/03/04 11:28:19] ppcls INFO: [Train][Epoch 49/100][Iter: 0/2]lr(LinearWarmup): 0.32371055, top1: 0.87013, CELoss: 0.67894, loss: 0.67894, batch\_cost: 3.91310s, reader\_cost: 3.38868, ips: 39.35499 samples/s, eta: 0:06:46

[2024/03/04 11:28:34] ppcls INFO: [Train][Epoch 49/100][Avg]top1: 0.84091, CELoss: 0.71502, loss: 0.71502

[2024/03/04 11:28:34] ppcls INFO: [Eval][Epoch 49][Iter: 0/5]CELoss: 0.77563, loss: 0.77563, top1: 0.75000, batch\_cost: 0.83403s, reader\_cost: 0.60498, ips: 38.36772 images/sec

[2024/03/04 11:28:37] ppcls INFO: [Eval][Epoch 49][Avg]CELoss: 0.67950, loss: 0.67950, top1: 0.77344

[2024/03/04 11:28:37] ppcls INFO: [Eval][Epoch 49][best metric: 0.828125]

[2024/03/04 11:28:42] ppcls INFO: [Train][Epoch 50/100][Iter: 0/2]lr(LinearWarmup): 0.32021623, top1: 0.81818, CELoss: 0.71850, loss: 0.71850, batch\_cost: 3.91273s, reader\_cost: 3.38742, ips: 39.35869 samples/s, eta: 0:06:39

[2024/03/04 11:28:55] ppcls INFO: [Train][Epoch 50/100][Avg]top1: 0.84740, CELoss: 0.67022, loss: 0.67022

[2024/03/04 11:28:56] ppcls INFO: [Eval][Epoch 50][Iter: 0/5]CELoss: 0.63839, loss: 0.63839, top1: 0.81250, batch\_cost: 0.87657s, reader\_cost: 0.64385, ips: 36.50586 images/sec

[2024/03/04 11:28:59] ppcls INFO: [Eval][Epoch 50][Avg]CELoss: 0.60815, loss: 0.60815, top1: 0.81250

[2024/03/04 11:28:59] ppcls INFO: [Eval][Epoch 50][best metric: 0.828125]

[2024/03/04 11:29:03] ppcls INFO: [Train][Epoch 51/100][Iter: 0/2]lr(LinearWarmup): 0.31666348, top1: 0.88312, CELoss: 0.64693, loss: 0.64693, batch\_cost: 3.90366s, reader\_cost: 3.37829, ips: 39.45013 samples/s, eta: 0:06:30

[2024/03/04 11:29:17] ppcls INFO: [Train][Epoch 51/100][Avg]top1: 0.87013, CELoss: 0.64703, loss: 0.64703

[2024/03/04 11:29:18] ppcls INFO: [Eval][Epoch 51][Iter: 0/5]CELoss: 0.58818, loss: 0.58818, top1: 0.81250, batch\_cost: 0.88339s, reader\_cost: 0.65715, ips: 36.22429 images/sec

[2024/03/04 11:29:21] ppcls INFO: [Eval][Epoch 51][Avg]CELoss: 0.56168, loss: 0.56168, top1: 0.81250

[2024/03/04 11:29:21] ppcls INFO: [Eval][Epoch 51][best metric: 0.828125]

[2024/03/04 11:29:25] ppcls INFO: [Train][Epoch 52/100][Iter: 0/2]lr(LinearWarmup): 0.31305403, top1: 0.81818, CELoss: 0.77220, loss: 0.77220, batch\_cost: 3.89954s, reader\_cost: 3.37353, ips: 39.49179 samples/s, eta: 0:06:22

[2024/03/04 11:29:38] ppcls INFO: [Train][Epoch 52/100][Avg]top1: 0.85714, CELoss: 0.69737, loss: 0.69737

[2024/03/04 11:29:39] ppcls INFO: [Eval][Epoch 52][Iter: 0/5]CELoss: 0.55124, loss: 0.55124, top1: 0.81250, batch\_cost: 0.85415s, reader\_cost: 0.62691, ips: 37.46405 images/sec

[2024/03/04 11:29:42] ppcls INFO: [Eval][Epoch 52][Avg]CELoss: 0.53307, loss: 0.53307, top1: 0.82812

[2024/03/04 11:29:42] ppcls INFO: [Eval][Epoch 52][best metric: 0.828125]

[2024/03/04 11:29:46] ppcls INFO: [Train][Epoch 53/100][Iter: 0/2]lr(LinearWarmup): 0.30938963, top1: 0.86364, CELoss: 0.63513, loss: 0.63513, batch\_cost: 3.89412s, reader\_cost: 3.36875, ips: 39.54676 samples/s, eta: 0:06:13

[2024/03/04 11:30:00] ppcls INFO: [Train][Epoch 53/100][Avg]top1: 0.86039, CELoss: 0.67424, loss: 0.67424

[2024/03/04 11:30:01] ppcls INFO: [Eval][Epoch 53][Iter: 0/5]CELoss: 0.42088, loss: 0.42088, top1: 0.90625, batch\_cost: 0.88294s, reader\_cost: 0.65768, ips: 36.24273 images/sec

[2024/03/04 11:30:04] ppcls INFO: [Eval][Epoch 53][Avg]CELoss: 0.53499, loss: 0.53499, top1: 0.84375

[2024/03/04 11:30:04] ppcls INFO: [Eval][Epoch 53][best metric: 0.84375]

[2024/03/04 11:30:08] ppcls INFO: [Train][Epoch 54/100][Iter: 0/2]lr(LinearWarmup): 0.30567207, top1: 0.83117, CELoss: 0.67753, loss: 0.67753, batch\_cost: 3.88943s, reader\_cost: 3.36526, ips: 39.59454 samples/s, eta: 0:06:05

[2024/03/04 11:30:22] ppcls INFO: [Train][Epoch 54/100][Avg]top1: 0.86364, CELoss: 0.68513, loss: 0.68513

[2024/03/04 11:30:23] ppcls INFO: [Eval][Epoch 54][Iter: 0/5]CELoss: 0.37618, loss: 0.37618, top1: 0.90625, batch\_cost: 0.87086s, reader\_cost: 0.64361, ips: 36.74517 images/sec

[2024/03/04 11:30:26] ppcls INFO: [Eval][Epoch 54][Avg]CELoss: 0.39314, loss: 0.39314, top1: 0.87500

[2024/03/04 11:30:26] ppcls INFO: [Eval][Epoch 54][best metric: 0.875]

[2024/03/04 11:30:30] ppcls INFO: [Train][Epoch 55/100][Iter: 0/2]lr(LinearWarmup): 0.30190315, top1: 0.85065, CELoss: 0.66348, loss: 0.66348, batch\_cost: 3.88553s, reader\_cost: 3.36155, ips: 39.63422 samples/s, eta: 0:05:57

[2024/03/04 11:30:44] ppcls INFO: [Train][Epoch 55/100][Avg]top1: 0.85714, CELoss: 0.64123, loss: 0.64123

[2024/03/04 11:30:45] ppcls INFO: [Eval][Epoch 55][Iter: 0/5]CELoss: 0.31393, loss: 0.31393, top1: 0.93750, batch\_cost: 0.88554s, reader\_cost: 0.65830, ips: 36.13606 images/sec

[2024/03/04 11:30:48] ppcls INFO: [Eval][Epoch 55][Avg]CELoss: 0.44112, loss: 0.44112, top1: 0.86719

[2024/03/04 11:30:48] ppcls INFO: [Eval][Epoch 55][best metric: 0.875]

[2024/03/04 11:30:53] ppcls INFO: [Train][Epoch 56/100][Iter: 0/2]lr(LinearWarmup): 0.29808470, top1: 0.86364, CELoss: 0.62714, loss: 0.62714, batch\_cost: 3.88312s, reader\_cost: 3.36027, ips: 39.65887 samples/s, eta: 0:05:49

[2024/03/04 11:31:06] ppcls INFO: [Train][Epoch 56/100][Avg]top1: 0.87013, CELoss: 0.62220, loss: 0.62220

[2024/03/04 11:31:07] ppcls INFO: [Eval][Epoch 56][Iter: 0/5]CELoss: 0.26156, loss: 0.26156, top1: 0.93750, batch\_cost: 0.85215s, reader\_cost: 0.65182, ips: 37.55193 images/sec

[2024/03/04 11:31:10] ppcls INFO: [Eval][Epoch 56][Avg]CELoss: 0.40980, loss: 0.40980, top1: 0.86719

[2024/03/04 11:31:10] ppcls INFO: [Eval][Epoch 56][best metric: 0.875]

[2024/03/04 11:31:14] ppcls INFO: [Train][Epoch 57/100][Iter: 0/2]lr(LinearWarmup): 0.29421858, top1: 0.83117, CELoss: 0.70260, loss: 0.70260, batch\_cost: 3.87830s, reader\_cost: 3.35559, ips: 39.70813 samples/s, eta: 0:05:41

[2024/03/04 11:31:28] ppcls INFO: [Train][Epoch 57/100][Avg]top1: 0.85714, CELoss: 0.66248, loss: 0.66248

[2024/03/04 11:31:29] ppcls INFO: [Eval][Epoch 57][Iter: 0/5]CELoss: 0.24724, loss: 0.24724, top1: 0.93750, batch\_cost: 0.84683s, reader\_cost: 0.65746, ips: 37.78798 images/sec

[2024/03/04 11:31:32] ppcls INFO: [Eval][Epoch 57][Avg]CELoss: 0.31349, loss: 0.31349, top1: 0.89062

[2024/03/04 11:31:32] ppcls INFO: [Eval][Epoch 57][best metric: 0.890625]

[2024/03/04 11:31:36] ppcls INFO: [Train][Epoch 58/100][Iter: 0/2]lr(LinearWarmup): 0.29030667, top1: 0.83766, CELoss: 0.65326, loss: 0.65326, batch\_cost: 3.87209s, reader\_cost: 3.34962, ips: 39.77179 samples/s, eta: 0:05:32

[2024/03/04 11:31:52] ppcls INFO: [Train][Epoch 58/100][Avg]top1: 0.85714, CELoss: 0.61248, loss: 0.61248

[2024/03/04 11:31:53] ppcls INFO: [Eval][Epoch 58][Iter: 0/5]CELoss: 0.32743, loss: 0.32743, top1: 0.93750, batch\_cost: 1.25189s, reader\_cost: 1.03063, ips: 25.56134 images/sec

[2024/03/04 11:31:59] ppcls INFO: [Eval][Epoch 58][Avg]CELoss: 0.28000, loss: 0.28000, top1: 0.92188

[2024/03/04 11:31:59] ppcls INFO: [Eval][Epoch 58][best metric: 0.921875]

[2024/03/04 11:32:05] ppcls INFO: [Train][Epoch 59/100][Iter: 0/2]lr(LinearWarmup): 0.28635087, top1: 0.85714, CELoss: 0.69169, loss: 0.69169, batch\_cost: 3.88857s, reader\_cost: 3.36646, ips: 39.60325 samples/s, eta: 0:05:26

[2024/03/04 11:32:29] ppcls INFO: [Train][Epoch 59/100][Avg]top1: 0.82792, CELoss: 0.68862, loss: 0.68862

[2024/03/04 11:32:30] ppcls INFO: [Eval][Epoch 59][Iter: 0/5]CELoss: 0.31893, loss: 0.31893, top1: 0.93750, batch\_cost: 1.23000s, reader\_cost: 1.00276, ips: 26.01630 images/sec

[2024/03/04 11:32:36] ppcls INFO: [Eval][Epoch 59][Avg]CELoss: 0.30827, loss: 0.30827, top1: 0.91406

[2024/03/04 11:32:36] ppcls INFO: [Eval][Epoch 59][best metric: 0.921875]

[2024/03/04 11:32:43] ppcls INFO: [Train][Epoch 60/100][Iter: 0/2]lr(LinearWarmup): 0.28235310, top1: 0.87662, CELoss: 0.60387, loss: 0.60387, batch\_cost: 3.92851s, reader\_cost: 3.40582, ips: 39.20066 samples/s, eta: 0:05:22

[2024/03/04 11:33:07] ppcls INFO: [Train][Epoch 60/100][Avg]top1: 0.87013, CELoss: 0.63890, loss: 0.63890

[2024/03/04 11:33:08] ppcls INFO: [Eval][Epoch 60][Iter: 0/5]CELoss: 0.33401, loss: 0.33401, top1: 0.96875, batch\_cost: 1.16980s, reader\_cost: 0.94157, ips: 27.35502 images/sec

[2024/03/04 11:33:13] ppcls INFO: [Eval][Epoch 60][Avg]CELoss: 0.45863, loss: 0.45863, top1: 0.88281

[2024/03/04 11:33:13] ppcls INFO: [Eval][Epoch 60][best metric: 0.921875]

[2024/03/04 11:33:20] ppcls INFO: [Train][Epoch 61/100][Iter: 0/2]lr(LinearWarmup): 0.27831531, top1: 0.86364, CELoss: 0.69465, loss: 0.69465, batch\_cost: 3.97217s, reader\_cost: 3.44881, ips: 38.76973 samples/s, eta: 0:05:17

[2024/03/04 11:33:42] ppcls INFO: [Train][Epoch 61/100][Avg]top1: 0.86364, CELoss: 0.72971, loss: 0.72971

[2024/03/04 11:33:43] ppcls INFO: [Eval][Epoch 61][Iter: 0/5]CELoss: 0.33679, loss: 0.33679, top1: 0.96875, batch\_cost: 1.27611s, reader\_cost: 1.08170, ips: 25.07625 images/sec

[2024/03/04 11:33:48] ppcls INFO: [Eval][Epoch 61][Avg]CELoss: 0.54951, loss: 0.54951, top1: 0.82031

[2024/03/04 11:33:48] ppcls INFO: [Eval][Epoch 61][best metric: 0.921875]

[2024/03/04 11:33:55] ppcls INFO: [Train][Epoch 62/100][Iter: 0/2]lr(LinearWarmup): 0.27423945, top1: 0.88312, CELoss: 0.61853, loss: 0.61853, batch\_cost: 3.99426s, reader\_cost: 3.47069, ips: 38.55529 samples/s, eta: 0:05:11

[2024/03/04 11:34:17] ppcls INFO: [Train][Epoch 62/100][Avg]top1: 0.87987, CELoss: 0.63350, loss: 0.63350

[2024/03/04 11:34:18] ppcls INFO: [Eval][Epoch 62][Iter: 0/5]CELoss: 0.28702, loss: 0.28702, top1: 0.96875, batch\_cost: 1.14950s, reader\_cost: 0.92076, ips: 27.83814 images/sec

[2024/03/04 11:34:24] ppcls INFO: [Eval][Epoch 62][Avg]CELoss: 0.51684, loss: 0.51684, top1: 0.82812

[2024/03/04 11:34:24] ppcls INFO: [Eval][Epoch 62][best metric: 0.921875]

[2024/03/04 11:34:30] ppcls INFO: [Train][Epoch 63/100][Iter: 0/2]lr(LinearWarmup): 0.27012751, top1: 0.84416, CELoss: 0.69376, loss: 0.69376, batch\_cost: 4.02447s, reader\_cost: 3.50084, ips: 38.26590 samples/s, eta: 0:05:05

[2024/03/04 11:34:53] ppcls INFO: [Train][Epoch 63/100][Avg]top1: 0.87987, CELoss: 0.63658, loss: 0.63658

[2024/03/04 11:34:54] ppcls INFO: [Eval][Epoch 63][Iter: 0/5]CELoss: 0.15053, loss: 0.15053, top1: 0.96875, batch\_cost: 1.25680s, reader\_cost: 1.03653, ips: 25.46148 images/sec

[2024/03/04 11:35:00] ppcls INFO: [Eval][Epoch 63][Avg]CELoss: 0.48963, loss: 0.48963, top1: 0.82812

[2024/03/04 11:35:00] ppcls INFO: [Eval][Epoch 63][best metric: 0.921875]

[2024/03/04 11:35:06] ppcls INFO: [Train][Epoch 64/100][Iter: 0/2]lr(LinearWarmup): 0.26598149, top1: 0.85065, CELoss: 0.65562, loss: 0.65562, batch\_cost: 4.04845s, reader\_cost: 3.52496, ips: 38.03924 samples/s, eta: 0:04:59

[2024/03/04 11:35:28] ppcls INFO: [Train][Epoch 64/100][Avg]top1: 0.85714, CELoss: 0.64442, loss: 0.64442

[2024/03/04 11:35:29] ppcls INFO: [Eval][Epoch 64][Iter: 0/5]CELoss: 0.14013, loss: 0.14013, top1: 0.96875, batch\_cost: 1.12461s, reader\_cost: 0.89737, ips: 28.45434 images/sec

[2024/03/04 11:35:34] ppcls INFO: [Eval][Epoch 64][Avg]CELoss: 0.41487, loss: 0.41487, top1: 0.84375

[2024/03/04 11:35:34] ppcls INFO: [Eval][Epoch 64][best metric: 0.921875]

[2024/03/04 11:35:40] ppcls INFO: [Train][Epoch 65/100][Iter: 0/2]lr(LinearWarmup): 0.26180340, top1: 0.88312, CELoss: 0.64010, loss: 0.64010, batch\_cost: 4.06931s, reader\_cost: 3.54571, ips: 37.84424 samples/s, eta: 0:04:52

[2024/03/04 11:36:01] ppcls INFO: [Train][Epoch 65/100][Avg]top1: 0.86039, CELoss: 0.65402, loss: 0.65402

[2024/03/04 11:36:02] ppcls INFO: [Eval][Epoch 65][Iter: 0/5]CELoss: 0.20758, loss: 0.20758, top1: 0.96875, batch\_cost: 1.13282s, reader\_cost: 0.90561, ips: 28.24813 images/sec

[2024/03/04 11:36:06] ppcls INFO: [Eval][Epoch 65][Avg]CELoss: 0.37413, loss: 0.37413, top1: 0.88281

[2024/03/04 11:36:06] ppcls INFO: [Eval][Epoch 65][best metric: 0.921875]

[2024/03/04 11:36:13] ppcls INFO: [Train][Epoch 66/100][Iter: 0/2]lr(LinearWarmup): 0.25759527, top1: 0.87013, CELoss: 0.64677, loss: 0.64677, batch\_cost: 4.09121s, reader\_cost: 3.56737, ips: 37.64172 samples/s, eta: 0:04:46

[2024/03/04 11:36:34] ppcls INFO: [Train][Epoch 66/100][Avg]top1: 0.85065, CELoss: 0.64765, loss: 0.64765

[2024/03/04 11:36:35] ppcls INFO: [Eval][Epoch 66][Iter: 0/5]CELoss: 0.37976, loss: 0.37976, top1: 0.96875, batch\_cost: 1.07641s, reader\_cost: 0.88010, ips: 29.72847 images/sec

[2024/03/04 11:36:40] ppcls INFO: [Eval][Epoch 66][Avg]CELoss: 0.42173, loss: 0.42173, top1: 0.88281

[2024/03/04 11:36:40] ppcls INFO: [Eval][Epoch 66][best metric: 0.921875]

[2024/03/04 11:36:46] ppcls INFO: [Train][Epoch 67/100][Iter: 0/2]lr(LinearWarmup): 0.25335915, top1: 0.88312, CELoss: 0.64306, loss: 0.64306, batch\_cost: 4.11134s, reader\_cost: 3.58757, ips: 37.45740 samples/s, eta: 0:04:39

[2024/03/04 11:37:04] ppcls INFO: [Train][Epoch 67/100][Avg]top1: 0.88636, CELoss: 0.61529, loss: 0.61529

[2024/03/04 11:37:05] ppcls INFO: [Eval][Epoch 67][Iter: 0/5]CELoss: 0.41996, loss: 0.41996, top1: 0.93750, batch\_cost: 1.09235s, reader\_cost: 0.87806, ips: 29.29468 images/sec

[2024/03/04 11:37:09] ppcls INFO: [Eval][Epoch 67][Avg]CELoss: 0.43663, loss: 0.43663, top1: 0.85156

[2024/03/04 11:37:09] ppcls INFO: [Eval][Epoch 67][best metric: 0.921875]

[2024/03/04 11:37:13] ppcls INFO: [Train][Epoch 68/100][Iter: 0/2]lr(LinearWarmup): 0.24909710, top1: 0.82468, CELoss: 0.63940, loss: 0.63940, batch\_cost: 4.11843s, reader\_cost: 3.59522, ips: 37.39291 samples/s, eta: 0:04:31

[2024/03/04 11:37:27] ppcls INFO: [Train][Epoch 68/100][Avg]top1: 0.85714, CELoss: 0.60830, loss: 0.60830

[2024/03/04 11:37:27] ppcls INFO: [Eval][Epoch 68][Iter: 0/5]CELoss: 0.29285, loss: 0.29285, top1: 0.93750, batch\_cost: 0.82314s, reader\_cost: 0.59391, ips: 38.87542 images/sec

[2024/03/04 11:37:31] ppcls INFO: [Eval][Epoch 68][Avg]CELoss: 0.38821, loss: 0.38821, top1: 0.89062

[2024/03/04 11:37:31] ppcls INFO: [Eval][Epoch 68][best metric: 0.921875]

[2024/03/04 11:37:34] ppcls INFO: [Train][Epoch 69/100][Iter: 0/2]lr(LinearWarmup): 0.24481118, top1: 0.82468, CELoss: 0.71762, loss: 0.71762, batch\_cost: 4.10905s, reader\_cost: 3.58691, ips: 37.47829 samples/s, eta: 0:04:22

[2024/03/04 11:37:48] ppcls INFO: [Train][Epoch 69/100][Avg]top1: 0.83766, CELoss: 0.70033, loss: 0.70033

[2024/03/04 11:37:49] ppcls INFO: [Eval][Epoch 69][Iter: 0/5]CELoss: 0.24046, loss: 0.24046, top1: 0.96875, batch\_cost: 0.90621s, reader\_cost: 0.68097, ips: 35.31187 images/sec

[2024/03/04 11:37:52] ppcls INFO: [Eval][Epoch 69][Avg]CELoss: 0.34302, loss: 0.34302, top1: 0.92188

[2024/03/04 11:37:52] ppcls INFO: [Eval][Epoch 69][best metric: 0.921875]

[2024/03/04 11:37:57] ppcls INFO: [Train][Epoch 70/100][Iter: 0/2]lr(LinearWarmup): 0.24050349, top1: 0.84416, CELoss: 0.77488, loss: 0.77488, batch\_cost: 4.10885s, reader\_cost: 3.58726, ips: 37.48004 samples/s, eta: 0:04:14

[2024/03/04 11:38:11] ppcls INFO: [Train][Epoch 70/100][Avg]top1: 0.86364, CELoss: 0.68110, loss: 0.68110

[2024/03/04 11:38:12] ppcls INFO: [Eval][Epoch 70][Iter: 0/5]CELoss: 0.34921, loss: 0.34921, top1: 0.96875, batch\_cost: 0.89752s, reader\_cost: 0.66729, ips: 35.65389 images/sec

[2024/03/04 11:38:15] ppcls INFO: [Eval][Epoch 70][Avg]CELoss: 0.27176, loss: 0.27176, top1: 0.94531

[2024/03/04 11:38:15] ppcls INFO: [Eval][Epoch 70][best metric: 0.9453125]

[2024/03/04 11:38:19] ppcls INFO: [Train][Epoch 71/100][Iter: 0/2]lr(LinearWarmup): 0.23617611, top1: 0.89610, CELoss: 0.59403, loss: 0.59403, batch\_cost: 4.10151s, reader\_cost: 3.58009, ips: 37.54711 samples/s, eta: 0:04:06

[2024/03/04 11:38:33] ppcls INFO: [Train][Epoch 71/100][Avg]top1: 0.88312, CELoss: 0.58567, loss: 0.58567

[2024/03/04 11:38:34] ppcls INFO: [Eval][Epoch 71][Iter: 0/5]CELoss: 0.42432, loss: 0.42432, top1: 0.87500, batch\_cost: 0.86519s, reader\_cost: 0.63759, ips: 36.98615 images/sec

[2024/03/04 11:38:37] ppcls INFO: [Eval][Epoch 71][Avg]CELoss: 0.28779, loss: 0.28779, top1: 0.92969

[2024/03/04 11:38:37] ppcls INFO: [Eval][Epoch 71][best metric: 0.9453125]

[2024/03/04 11:38:41] ppcls INFO: [Train][Epoch 72/100][Iter: 0/2]lr(LinearWarmup): 0.23183114, top1: 0.91558, CELoss: 0.55510, loss: 0.55510, batch\_cost: 4.09763s, reader\_cost: 3.57708, ips: 37.58266 samples/s, eta: 0:03:57

[2024/03/04 11:38:55] ppcls INFO: [Train][Epoch 72/100][Avg]top1: 0.89610, CELoss: 0.59030, loss: 0.59030

[2024/03/04 11:38:56] ppcls INFO: [Eval][Epoch 72][Iter: 0/5]CELoss: 0.43664, loss: 0.43664, top1: 0.90625, batch\_cost: 0.85399s, reader\_cost: 0.64967, ips: 37.47098 images/sec

[2024/03/04 11:38:59] ppcls INFO: [Eval][Epoch 72][Avg]CELoss: 0.31530, loss: 0.31530, top1: 0.94531

[2024/03/04 11:38:59] ppcls INFO: [Eval][Epoch 72][best metric: 0.9453125]

[2024/03/04 11:39:03] ppcls INFO: [Train][Epoch 73/100][Iter: 0/2]lr(LinearWarmup): 0.22747071, top1: 0.88312, CELoss: 0.76033, loss: 0.76033, batch\_cost: 4.09500s, reader\_cost: 3.57478, ips: 37.60680 samples/s, eta: 0:03:49

[2024/03/04 11:39:17] ppcls INFO: [Train][Epoch 73/100][Avg]top1: 0.86364, CELoss: 0.73164, loss: 0.73164

[2024/03/04 11:39:18] ppcls INFO: [Eval][Epoch 73][Iter: 0/5]CELoss: 0.42036, loss: 0.42036, top1: 0.87500, batch\_cost: 0.84769s, reader\_cost: 0.65034, ips: 37.74975 images/sec

[2024/03/04 11:39:21] ppcls INFO: [Eval][Epoch 73][Avg]CELoss: 0.31640, loss: 0.31640, top1: 0.92188

[2024/03/04 11:39:21] ppcls INFO: [Eval][Epoch 73][best metric: 0.9453125]

[2024/03/04 11:39:25] ppcls INFO: [Train][Epoch 74/100][Iter: 0/2]lr(LinearWarmup): 0.22309693, top1: 0.87013, CELoss: 0.64772, loss: 0.64772, batch\_cost: 4.09390s, reader\_cost: 3.57347, ips: 37.61693 samples/s, eta: 0:03:41

[2024/03/04 11:39:39] ppcls INFO: [Train][Epoch 74/100][Avg]top1: 0.88961, CELoss: 0.60670, loss: 0.60670

[2024/03/04 11:39:40] ppcls INFO: [Eval][Epoch 74][Iter: 0/5]CELoss: 0.38871, loss: 0.38871, top1: 0.87500, batch\_cost: 0.86113s, reader\_cost: 0.63389, ips: 37.16037 images/sec

[2024/03/04 11:39:43] ppcls INFO: [Eval][Epoch 74][Avg]CELoss: 0.27498, loss: 0.27498, top1: 0.94531

[2024/03/04 11:39:43] ppcls INFO: [Eval][Epoch 74][best metric: 0.9453125]

[2024/03/04 11:39:47] ppcls INFO: [Train][Epoch 75/100][Iter: 0/2]lr(LinearWarmup): 0.21871192, top1: 0.84416, CELoss: 0.67216, loss: 0.67216, batch\_cost: 4.08591s, reader\_cost: 3.56548, ips: 37.69052 samples/s, eta: 0:03:32

[2024/03/04 11:40:00] ppcls INFO: [Train][Epoch 75/100][Avg]top1: 0.87987, CELoss: 0.59159, loss: 0.59159

[2024/03/04 11:40:01] ppcls INFO: [Eval][Epoch 75][Iter: 0/5]CELoss: 0.42194, loss: 0.42194, top1: 0.84375, batch\_cost: 0.87309s, reader\_cost: 0.64584, ips: 36.65157 images/sec

[2024/03/04 11:40:04] ppcls INFO: [Eval][Epoch 75][Avg]CELoss: 0.28751, loss: 0.28751, top1: 0.92188

[2024/03/04 11:40:04] ppcls INFO: [Eval][Epoch 75][best metric: 0.9453125]

[2024/03/04 11:40:08] ppcls INFO: [Train][Epoch 76/100][Iter: 0/2]lr(LinearWarmup): 0.21431781, top1: 0.90260, CELoss: 0.59901, loss: 0.59901, batch\_cost: 4.07882s, reader\_cost: 3.55887, ips: 37.75600 samples/s, eta: 0:03:23

[2024/03/04 11:40:22] ppcls INFO: [Train][Epoch 76/100][Avg]top1: 0.88961, CELoss: 0.59107, loss: 0.59107

[2024/03/04 11:40:23] ppcls INFO: [Eval][Epoch 76][Iter: 0/5]CELoss: 0.51242, loss: 0.51242, top1: 0.84375, batch\_cost: 0.87666s, reader\_cost: 0.64592, ips: 36.50222 images/sec

[2024/03/04 11:40:27] ppcls INFO: [Eval][Epoch 76][Avg]CELoss: 0.28640, loss: 0.28640, top1: 0.90625

[2024/03/04 11:40:27] ppcls INFO: [Eval][Epoch 76][best metric: 0.9453125]

[2024/03/04 11:40:31] ppcls INFO: [Train][Epoch 77/100][Iter: 0/2]lr(LinearWarmup): 0.20991675, top1: 0.88961, CELoss: 0.60869, loss: 0.60869, batch\_cost: 4.07536s, reader\_cost: 3.55589, ips: 37.78806 samples/s, eta: 0:03:15

[2024/03/04 11:40:45] ppcls INFO: [Train][Epoch 77/100][Avg]top1: 0.87987, CELoss: 0.67365, loss: 0.67365

[2024/03/04 11:40:45] ppcls INFO: [Eval][Epoch 77][Iter: 0/5]CELoss: 0.50646, loss: 0.50646, top1: 0.84375, batch\_cost: 0.82284s, reader\_cost: 0.61652, ips: 38.88980 images/sec

[2024/03/04 11:40:49] ppcls INFO: [Eval][Epoch 77][Avg]CELoss: 0.26486, loss: 0.26486, top1: 0.92188

[2024/03/04 11:40:49] ppcls INFO: [Eval][Epoch 77][best metric: 0.9453125]

[2024/03/04 11:40:53] ppcls INFO: [Train][Epoch 78/100][Iter: 0/2]lr(LinearWarmup): 0.20551087, top1: 0.87662, CELoss: 0.64077, loss: 0.64077, batch\_cost: 4.07413s, reader\_cost: 3.55487, ips: 37.79949 samples/s, eta: 0:03:07

[2024/03/04 11:41:07] ppcls INFO: [Train][Epoch 78/100][Avg]top1: 0.87987, CELoss: 0.61540, loss: 0.61540

[2024/03/04 11:41:08] ppcls INFO: [Eval][Epoch 78][Iter: 0/5]CELoss: 0.53907, loss: 0.53907, top1: 0.81250, batch\_cost: 0.83833s, reader\_cost: 0.65099, ips: 38.17132 images/sec

[2024/03/04 11:41:11] ppcls INFO: [Eval][Epoch 78][Avg]CELoss: 0.28505, loss: 0.28505, top1: 0.90625

[2024/03/04 11:41:11] ppcls INFO: [Eval][Epoch 78][best metric: 0.9453125]

[2024/03/04 11:41:15] ppcls INFO: [Train][Epoch 79/100][Iter: 0/2]lr(LinearWarmup): 0.20110231, top1: 0.88961, CELoss: 0.76453, loss: 0.76453, batch\_cost: 4.06922s, reader\_cost: 3.55046, ips: 37.84513 samples/s, eta: 0:02:59

[2024/03/04 11:41:29] ppcls INFO: [Train][Epoch 79/100][Avg]top1: 0.89286, CELoss: 0.78970, loss: 0.78970

[2024/03/04 11:41:30] ppcls INFO: [Eval][Epoch 79][Iter: 0/5]CELoss: 0.51749, loss: 0.51749, top1: 0.81250, batch\_cost: 0.86777s, reader\_cost: 0.64053, ips: 36.87627 images/sec

[2024/03/04 11:41:33] ppcls INFO: [Eval][Epoch 79][Avg]CELoss: 0.35554, loss: 0.35554, top1: 0.87500

[2024/03/04 11:41:33] ppcls INFO: [Eval][Epoch 79][best metric: 0.9453125]

[2024/03/04 11:41:37] ppcls INFO: [Train][Epoch 80/100][Iter: 0/2]lr(LinearWarmup): 0.19669321, top1: 0.88961, CELoss: 0.63787, loss: 0.63787, batch\_cost: 4.06572s, reader\_cost: 3.54701, ips: 37.87771 samples/s, eta: 0:02:50

[2024/03/04 11:41:51] ppcls INFO: [Train][Epoch 80/100][Avg]top1: 0.88312, CELoss: 0.65164, loss: 0.65164

[2024/03/04 11:41:52] ppcls INFO: [Eval][Epoch 80][Iter: 0/5]CELoss: 0.39144, loss: 0.39144, top1: 0.90625, batch\_cost: 0.87015s, reader\_cost: 0.64291, ips: 36.77513 images/sec

[2024/03/04 11:41:55] ppcls INFO: [Eval][Epoch 80][Avg]CELoss: 0.34378, loss: 0.34378, top1: 0.90625

[2024/03/04 11:41:55] ppcls INFO: [Eval][Epoch 80][best metric: 0.9453125]

[2024/03/04 11:41:59] ppcls INFO: [Train][Epoch 81/100][Iter: 0/2]lr(LinearWarmup): 0.19228572, top1: 0.87013, CELoss: 0.71494, loss: 0.71494, batch\_cost: 4.05968s, reader\_cost: 3.54047, ips: 37.93404 samples/s, eta: 0:02:42

[2024/03/04 11:42:12] ppcls INFO: [Train][Epoch 81/100][Avg]top1: 0.89286, CELoss: 0.63343, loss: 0.63343

[2024/03/04 11:42:13] ppcls INFO: [Eval][Epoch 81][Iter: 0/5]CELoss: 0.46983, loss: 0.46983, top1: 0.87500, batch\_cost: 0.82582s, reader\_cost: 0.62452, ips: 38.74938 images/sec

[2024/03/04 11:42:16] ppcls INFO: [Eval][Epoch 81][Avg]CELoss: 0.37707, loss: 0.37707, top1: 0.89844

[2024/03/04 11:42:16] ppcls INFO: [Eval][Epoch 81][best metric: 0.9453125]

[2024/03/04 11:42:20] ppcls INFO: [Train][Epoch 82/100][Iter: 0/2]lr(LinearWarmup): 0.18788198, top1: 0.83117, CELoss: 0.68009, loss: 0.68009, batch\_cost: 4.05403s, reader\_cost: 3.53582, ips: 37.98685 samples/s, eta: 0:02:34

[2024/03/04 11:42:35] ppcls INFO: [Train][Epoch 82/100][Avg]top1: 0.86039, CELoss: 0.64136, loss: 0.64136

[2024/03/04 11:42:37] ppcls INFO: [Eval][Epoch 82][Iter: 0/5]CELoss: 0.54592, loss: 0.54592, top1: 0.84375, batch\_cost: 1.02609s, reader\_cost: 0.79685, ips: 31.18649 images/sec

[2024/03/04 11:42:40] ppcls INFO: [Eval][Epoch 82][Avg]CELoss: 0.40560, loss: 0.40560, top1: 0.89844

[2024/03/04 11:42:40] ppcls INFO: [Eval][Epoch 82][best metric: 0.9453125]

[2024/03/04 11:42:44] ppcls INFO: [Train][Epoch 83/100][Iter: 0/2]lr(LinearWarmup): 0.18348413, top1: 0.87662, CELoss: 0.60253, loss: 0.60253, batch\_cost: 4.05114s, reader\_cost: 3.53370, ips: 38.01400 samples/s, eta: 0:02:25

[2024/03/04 11:42:58] ppcls INFO: [Train][Epoch 83/100][Avg]top1: 0.87662, CELoss: 0.61301, loss: 0.61301

[2024/03/04 11:42:59] ppcls INFO: [Eval][Epoch 83][Iter: 0/5]CELoss: 0.52721, loss: 0.52721, top1: 0.81250, batch\_cost: 0.80981s, reader\_cost: 0.61148, ips: 39.51527 images/sec

[2024/03/04 11:43:02] ppcls INFO: [Eval][Epoch 83][Avg]CELoss: 0.37571, loss: 0.37571, top1: 0.88281

[2024/03/04 11:43:02] ppcls INFO: [Eval][Epoch 83][best metric: 0.9453125]

[2024/03/04 11:43:06] ppcls INFO: [Train][Epoch 84/100][Iter: 0/2]lr(LinearWarmup): 0.17909431, top1: 0.88961, CELoss: 0.60069, loss: 0.60069, batch\_cost: 4.04358s, reader\_cost: 3.52616, ips: 38.08502 samples/s, eta: 0:02:17

[2024/03/04 11:43:19] ppcls INFO: [Train][Epoch 84/100][Avg]top1: 0.87013, CELoss: 0.62051, loss: 0.62051

[2024/03/04 11:43:20] ppcls INFO: [Eval][Epoch 84][Iter: 0/5]CELoss: 0.37267, loss: 0.37267, top1: 0.93750, batch\_cost: 0.80916s, reader\_cost: 0.62378, ips: 39.54717 images/sec

[2024/03/04 11:43:23] ppcls INFO: [Eval][Epoch 84][Avg]CELoss: 0.29397, loss: 0.29397, top1: 0.94531

[2024/03/04 11:43:23] ppcls INFO: [Eval][Epoch 84][best metric: 0.9453125]

[2024/03/04 11:43:27] ppcls INFO: [Train][Epoch 85/100][Iter: 0/2]lr(LinearWarmup): 0.17471464, top1: 0.92208, CELoss: 0.54807, loss: 0.54807, batch\_cost: 4.03864s, reader\_cost: 3.52119, ips: 38.13163 samples/s, eta: 0:02:09

[2024/03/04 11:43:41] ppcls INFO: [Train][Epoch 85/100][Avg]top1: 0.90584, CELoss: 0.56169, loss: 0.56169

[2024/03/04 11:43:42] ppcls INFO: [Eval][Epoch 85][Iter: 0/5]CELoss: 0.24428, loss: 0.24428, top1: 0.96875, batch\_cost: 0.84126s, reader\_cost: 0.61502, ips: 38.03818 images/sec

[2024/03/04 11:43:45] ppcls INFO: [Eval][Epoch 85][Avg]CELoss: 0.24049, loss: 0.24049, top1: 0.95312

[2024/03/04 11:43:45] ppcls INFO: [Eval][Epoch 85][best metric: 0.953125]

[2024/03/04 11:43:50] ppcls INFO: [Train][Epoch 86/100][Iter: 0/2]lr(LinearWarmup): 0.17034727, top1: 0.83117, CELoss: 0.71017, loss: 0.71017, batch\_cost: 4.03768s, reader\_cost: 3.52022, ips: 38.14072 samples/s, eta: 0:02:01

[2024/03/04 11:44:03] ppcls INFO: [Train][Epoch 86/100][Avg]top1: 0.86364, CELoss: 0.63821, loss: 0.63821

[2024/03/04 11:44:04] ppcls INFO: [Eval][Epoch 86][Iter: 0/5]CELoss: 0.20332, loss: 0.20332, top1: 0.96875, batch\_cost: 0.86163s, reader\_cost: 0.63547, ips: 37.13876 images/sec

[2024/03/04 11:44:07] ppcls INFO: [Eval][Epoch 86][Avg]CELoss: 0.23880, loss: 0.23880, top1: 0.91406

[2024/03/04 11:44:07] ppcls INFO: [Eval][Epoch 86][best metric: 0.953125]

[2024/03/04 11:44:11] ppcls INFO: [Train][Epoch 87/100][Iter: 0/2]lr(LinearWarmup): 0.16599431, top1: 0.90909, CELoss: 0.55915, loss: 0.55915, batch\_cost: 4.03388s, reader\_cost: 3.51686, ips: 38.17660 samples/s, eta: 0:01:52

[2024/03/04 11:44:25] ppcls INFO: [Train][Epoch 87/100][Avg]top1: 0.91234, CELoss: 0.55239, loss: 0.55239

[2024/03/04 11:44:26] ppcls INFO: [Eval][Epoch 87][Iter: 0/5]CELoss: 0.21603, loss: 0.21603, top1: 0.96875, batch\_cost: 0.88906s, reader\_cost: 0.65982, ips: 35.99318 images/sec

[2024/03/04 11:44:29] ppcls INFO: [Eval][Epoch 87][Avg]CELoss: 0.25370, loss: 0.25370, top1: 0.91406

[2024/03/04 11:44:29] ppcls INFO: [Eval][Epoch 87][best metric: 0.953125]

[2024/03/04 11:44:33] ppcls INFO: [Train][Epoch 88/100][Iter: 0/2]lr(LinearWarmup): 0.16165787, top1: 0.83117, CELoss: 0.69868, loss: 0.69868, batch\_cost: 4.03151s, reader\_cost: 3.51457, ips: 38.19911 samples/s, eta: 0:01:44

[2024/03/04 11:44:47] ppcls INFO: [Train][Epoch 88/100][Avg]top1: 0.87013, CELoss: 0.61291, loss: 0.61291

[2024/03/04 11:44:47] ppcls INFO: [Eval][Epoch 88][Iter: 0/5]CELoss: 0.25906, loss: 0.25906, top1: 0.96875, batch\_cost: 0.83815s, reader\_cost: 0.61140, ips: 38.17946 images/sec

[2024/03/04 11:44:51] ppcls INFO: [Eval][Epoch 88][Avg]CELoss: 0.24750, loss: 0.24750, top1: 0.92188

[2024/03/04 11:44:51] ppcls INFO: [Eval][Epoch 88][best metric: 0.953125]

[2024/03/04 11:44:55] ppcls INFO: [Train][Epoch 89/100][Iter: 0/2]lr(LinearWarmup): 0.15734007, top1: 0.84416, CELoss: 0.64404, loss: 0.64404, batch\_cost: 4.02545s, reader\_cost: 3.50856, ips: 38.25659 samples/s, eta: 0:01:36

[2024/03/04 11:45:08] ppcls INFO: [Train][Epoch 89/100][Avg]top1: 0.87662, CELoss: 0.60680, loss: 0.60680

[2024/03/04 11:45:09] ppcls INFO: [Eval][Epoch 89][Iter: 0/5]CELoss: 0.34284, loss: 0.34284, top1: 0.93750, batch\_cost: 0.85514s, reader\_cost: 0.62889, ips: 37.42093 images/sec

[2024/03/04 11:45:12] ppcls INFO: [Eval][Epoch 89][Avg]CELoss: 0.26015, loss: 0.26015, top1: 0.94531

[2024/03/04 11:45:12] ppcls INFO: [Eval][Epoch 89][best metric: 0.953125]

[2024/03/04 11:45:16] ppcls INFO: [Train][Epoch 90/100][Iter: 0/2]lr(LinearWarmup): 0.15304301, top1: 0.88961, CELoss: 0.57507, loss: 0.57507, batch\_cost: 4.01883s, reader\_cost: 3.50214, ips: 38.31959 samples/s, eta: 0:01:28

[2024/03/04 11:45:29] ppcls INFO: [Train][Epoch 90/100][Avg]top1: 0.89286, CELoss: 0.58722, loss: 0.58722

[2024/03/04 11:45:30] ppcls INFO: [Eval][Epoch 90][Iter: 0/5]CELoss: 0.35514, loss: 0.35514, top1: 0.93750, batch\_cost: 0.85016s, reader\_cost: 0.63787, ips: 37.64017 images/sec

[2024/03/04 11:45:33] ppcls INFO: [Eval][Epoch 90][Avg]CELoss: 0.28007, loss: 0.28007, top1: 0.94531

[2024/03/04 11:45:33] ppcls INFO: [Eval][Epoch 90][best metric: 0.953125]

[2024/03/04 11:45:38] ppcls INFO: [Train][Epoch 91/100][Iter: 0/2]lr(LinearWarmup): 0.14876876, top1: 0.88312, CELoss: 0.58500, loss: 0.58500, batch\_cost: 4.01536s, reader\_cost: 3.49868, ips: 38.35274 samples/s, eta: 0:01:20

[2024/03/04 11:45:51] ppcls INFO: [Train][Epoch 91/100][Avg]top1: 0.89935, CELoss: 0.57361, loss: 0.57361

[2024/03/04 11:45:52] ppcls INFO: [Eval][Epoch 91][Iter: 0/5]CELoss: 0.28817, loss: 0.28817, top1: 0.93750, batch\_cost: 0.82926s, reader\_cost: 0.60202, ips: 38.58870 images/sec

[2024/03/04 11:45:55] ppcls INFO: [Eval][Epoch 91][Avg]CELoss: 0.29555, loss: 0.29555, top1: 0.92969

[2024/03/04 11:45:55] ppcls INFO: [Eval][Epoch 91][best metric: 0.953125]

[2024/03/04 11:45:59] ppcls INFO: [Train][Epoch 92/100][Iter: 0/2]lr(LinearWarmup): 0.14451942, top1: 0.83117, CELoss: 0.68357, loss: 0.68357, batch\_cost: 4.01151s, reader\_cost: 3.49475, ips: 38.38958 samples/s, eta: 0:01:12

[2024/03/04 11:46:13] ppcls INFO: [Train][Epoch 92/100][Avg]top1: 0.85390, CELoss: 0.65989, loss: 0.65989

[2024/03/04 11:46:14] ppcls INFO: [Eval][Epoch 92][Iter: 0/5]CELoss: 0.28212, loss: 0.28212, top1: 0.93750, batch\_cost: 0.86721s, reader\_cost: 0.63898, ips: 36.89977 images/sec

[2024/03/04 11:46:17] ppcls INFO: [Eval][Epoch 92][Avg]CELoss: 0.32493, loss: 0.32493, top1: 0.92188

[2024/03/04 11:46:17] ppcls INFO: [Eval][Epoch 92][best metric: 0.953125]

[2024/03/04 11:46:21] ppcls INFO: [Train][Epoch 93/100][Iter: 0/2]lr(LinearWarmup): 0.14029704, top1: 0.87013, CELoss: 0.60043, loss: 0.60043, batch\_cost: 4.00912s, reader\_cost: 3.49241, ips: 38.41242 samples/s, eta: 0:01:04

[2024/03/04 11:46:35] ppcls INFO: [Train][Epoch 93/100][Avg]top1: 0.88636, CELoss: 0.58330, loss: 0.58330

[2024/03/04 11:46:36] ppcls INFO: [Eval][Epoch 93][Iter: 0/5]CELoss: 0.32148, loss: 0.32148, top1: 0.93750, batch\_cost: 0.86262s, reader\_cost: 0.63538, ips: 37.09623 images/sec

[2024/03/04 11:46:39] ppcls INFO: [Eval][Epoch 93][Avg]CELoss: 0.31883, loss: 0.31883, top1: 0.91406

[2024/03/04 11:46:39] ppcls INFO: [Eval][Epoch 93][best metric: 0.953125]

[2024/03/04 11:46:43] ppcls INFO: [Train][Epoch 94/100][Iter: 0/2]lr(LinearWarmup): 0.13610367, top1: 0.88961, CELoss: 0.59455, loss: 0.59455, batch\_cost: 4.00883s, reader\_cost: 3.49223, ips: 38.41519 samples/s, eta: 0:00:56

[2024/03/04 11:46:57] ppcls INFO: [Train][Epoch 94/100][Avg]top1: 0.89286, CELoss: 0.57503, loss: 0.57503

[2024/03/04 11:46:57] ppcls INFO: [Eval][Epoch 94][Iter: 0/5]CELoss: 0.37580, loss: 0.37580, top1: 0.93750, batch\_cost: 0.86641s, reader\_cost: 0.63916, ips: 36.93422 images/sec

[2024/03/04 11:47:01] ppcls INFO: [Eval][Epoch 94][Avg]CELoss: 0.30958, loss: 0.30958, top1: 0.91406

[2024/03/04 11:47:01] ppcls INFO: [Eval][Epoch 94][best metric: 0.953125]

[2024/03/04 11:47:05] ppcls INFO: [Train][Epoch 95/100][Iter: 0/2]lr(LinearWarmup): 0.13194137, top1: 0.90909, CELoss: 0.56223, loss: 0.56223, batch\_cost: 4.00395s, reader\_cost: 3.48762, ips: 38.46199 samples/s, eta: 0:00:48

[2024/03/04 11:47:18] ppcls INFO: [Train][Epoch 95/100][Avg]top1: 0.91883, CELoss: 0.56020, loss: 0.56020

[2024/03/04 11:47:19] ppcls INFO: [Eval][Epoch 95][Iter: 0/5]CELoss: 0.39520, loss: 0.39520, top1: 0.90625, batch\_cost: 0.87921s, reader\_cost: 0.65197, ips: 36.39635 images/sec

[2024/03/04 11:47:22] ppcls INFO: [Eval][Epoch 95][Avg]CELoss: 0.28577, loss: 0.28577, top1: 0.92969

[2024/03/04 11:47:22] ppcls INFO: [Eval][Epoch 95][best metric: 0.953125]

[2024/03/04 11:47:27] ppcls INFO: [Train][Epoch 96/100][Iter: 0/2]lr(LinearWarmup): 0.12781213, top1: 0.88961, CELoss: 0.58822, loss: 0.58822, batch\_cost: 4.00282s, reader\_cost: 3.48625, ips: 38.47288 samples/s, eta: 0:00:40

[2024/03/04 11:47:40] ppcls INFO: [Train][Epoch 96/100][Avg]top1: 0.89610, CELoss: 0.57054, loss: 0.57054

[2024/03/04 11:47:41] ppcls INFO: [Eval][Epoch 96][Iter: 0/5]CELoss: 0.41478, loss: 0.41478, top1: 0.87500, batch\_cost: 0.86889s, reader\_cost: 0.64264, ips: 36.82877 images/sec

[2024/03/04 11:47:44] ppcls INFO: [Eval][Epoch 96][Avg]CELoss: 0.28476, loss: 0.28476, top1: 0.91406

[2024/03/04 11:47:44] ppcls INFO: [Eval][Epoch 96][best metric: 0.953125]

[2024/03/04 11:47:48] ppcls INFO: [Train][Epoch 97/100][Iter: 0/2]lr(LinearWarmup): 0.12371799, top1: 0.88312, CELoss: 0.59987, loss: 0.59987, batch\_cost: 3.99983s, reader\_cost: 3.48324, ips: 38.50162 samples/s, eta: 0:00:31

[2024/03/04 11:48:02] ppcls INFO: [Train][Epoch 97/100][Avg]top1: 0.90909, CELoss: 0.55851, loss: 0.55851

[2024/03/04 11:48:03] ppcls INFO: [Eval][Epoch 97][Iter: 0/5]CELoss: 0.40852, loss: 0.40852, top1: 0.87500, batch\_cost: 0.89090s, reader\_cost: 0.66566, ips: 35.91860 images/sec

[2024/03/04 11:48:06] ppcls INFO: [Eval][Epoch 97][Avg]CELoss: 0.31425, loss: 0.31425, top1: 0.91406

[2024/03/04 11:48:06] ppcls INFO: [Eval][Epoch 97][best metric: 0.953125]

[2024/03/04 11:48:11] ppcls INFO: [Train][Epoch 98/100][Iter: 0/2]lr(LinearWarmup): 0.11966092, top1: 0.86364, CELoss: 0.64020, loss: 0.64020, batch\_cost: 4.00141s, reader\_cost: 3.48459, ips: 38.48640 samples/s, eta: 0:00:24

[2024/03/04 11:48:25] ppcls INFO: [Train][Epoch 98/100][Avg]top1: 0.89286, CELoss: 0.56411, loss: 0.56411

[2024/03/04 11:48:25] ppcls INFO: [Eval][Epoch 98][Iter: 0/5]CELoss: 0.43374, loss: 0.43374, top1: 0.87500, batch\_cost: 0.84155s, reader\_cost: 0.61295, ips: 38.02491 images/sec

[2024/03/04 11:48:29] ppcls INFO: [Eval][Epoch 98][Avg]CELoss: 0.35457, loss: 0.35457, top1: 0.89844

[2024/03/04 11:48:29] ppcls INFO: [Eval][Epoch 98][best metric: 0.953125]

[2024/03/04 11:48:33] ppcls INFO: [Train][Epoch 99/100][Iter: 0/2]lr(LinearWarmup): 0.11564289, top1: 0.88961, CELoss: 0.60957, loss: 0.60957, batch\_cost: 3.99966s, reader\_cost: 3.48253, ips: 38.50329 samples/s, eta: 0:00:15

[2024/03/04 11:48:46] ppcls INFO: [Train][Epoch 99/100][Avg]top1: 0.89286, CELoss: 0.60355, loss: 0.60355

[2024/03/04 11:48:47] ppcls INFO: [Eval][Epoch 99][Iter: 0/5]CELoss: 0.38828, loss: 0.38828, top1: 0.90625, batch\_cost: 0.86422s, reader\_cost: 0.63797, ips: 37.02782 images/sec

[2024/03/04 11:48:50] ppcls INFO: [Eval][Epoch 99][Avg]CELoss: 0.32593, loss: 0.32593, top1: 0.91406

[2024/03/04 11:48:50] ppcls INFO: [Eval][Epoch 99][best metric: 0.953125]

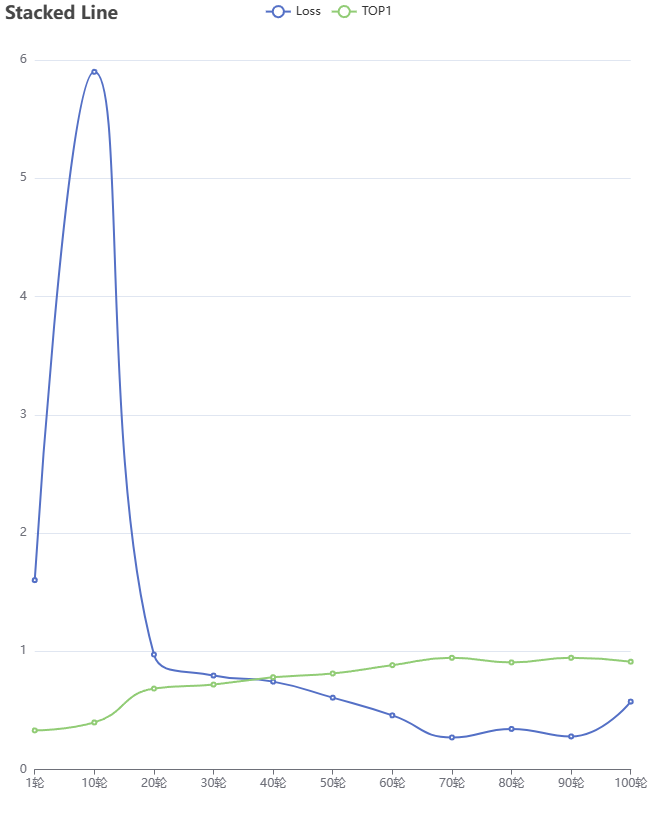
[2024/03/04 11:48:55] ppcls INFO: [Train][Epoch 100/100][Iter: 0/2]lr(LinearWarmup): 0.11166586, top1: 0.91558, CELoss: 0.57555, loss: 0.57555, batch\_cost: 3.99782s, reader\_cost: 3.48036, ips: 38.52104 samples/s, eta: 0:00:07

[2024/03/04 11:49:08] ppcls INFO: [Train][Epoch 100/100][Avg]top1: 0.91234, CELoss: 0.57489, loss: 0.57489

[2024/03/04 11:49:09] ppcls INFO: [Eval][Epoch 100][Iter: 0/5]CELoss: 0.34712, loss: 0.34712, top1: 0.90625, batch\_cost: 0.84598s, reader\_cost: 0.62695, ips: 37.82588 images/sec

[2024/03/04 11:49:12] ppcls INFO: [Eval][Epoch 100][Avg]CELoss: 0.25385, loss: 0.25385, top1: 0.92969

[2024/03/04 11:49:12] ppcls INFO: [Eval][Epoch 100][best metric: 0.953125]



##### 1.5.2.3 H-Swish + MixConv-16

[2024/03/04 11:59:14] ppcls INFO: [Train][Epoch 1/100][Iter: 0/2]lr(LinearWarmup): 0.01333333, top1: 0.36364, CELoss: 1.54517, loss: 1.54517, batch\_cost: 6.98579s, reader\_cost: 3.65112, ips: 22.04474 samples/s, eta: 0:23:17

[2024/03/04 11:59:26] ppcls INFO: [Train][Epoch 1/100][Avg]top1: 0.33117, CELoss: 1.60198, loss: 1.60198

[2024/03/04 11:59:26] ppcls WARNING: The output dims(4) is less than k(5), and the argument 5 of Topk has been removed.

[2024/03/04 11:59:26] ppcls INFO: [Eval][Epoch 1][Iter: 0/10]CELoss: 15.23163, loss: 15.23163, top1: 0.00000, batch\_cost: 0.49631s, reader\_cost: 0.37671, ips: 32.23807 images/sec

[2024/03/04 11:59:30] ppcls INFO: [Eval][Epoch 1][Avg]CELoss: 15.39049, loss: 15.39049, top1: 0.18750

[2024/03/04 11:59:30] ppcls INFO: [Eval][Epoch 1][best metric: 0.1875]

[2024/03/04 11:59:35] ppcls INFO: [Train][Epoch 2/100][Iter: 0/2]lr(LinearWarmup): 0.04000000, top1: 0.21429, CELoss: 2.45084, loss: 2.45084, batch\_cost: 4.17165s, reader\_cost: 2.77090, ips: 36.91581 samples/s, eta: 0:13:45

[2024/03/04 11:59:48] ppcls INFO: [Train][Epoch 2/100][Avg]top1: 0.22727, CELoss: 3.25180, loss: 3.25180

[2024/03/04 11:59:48] ppcls INFO: [Eval][Epoch 2][Iter: 0/10]CELoss: 26.16565, loss: 26.16565, top1: 0.00000, batch\_cost: 0.42409s, reader\_cost: 0.31047, ips: 37.72819 images/sec

[2024/03/04 11:59:52] ppcls INFO: [Eval][Epoch 2][Avg]CELoss: 12.53296, loss: 12.53296, top1: 0.19444

[2024/03/04 11:59:52] ppcls INFO: [Eval][Epoch 2][best metric: 0.1944444477558136]

[2024/03/04 11:59:56] ppcls INFO: [Train][Epoch 3/100][Iter: 0/2]lr(LinearWarmup): 0.06666667, top1: 0.39610, CELoss: 2.85864, loss: 2.85864, batch\_cost: 3.99690s, reader\_cost: 2.96239, ips: 38.52987 samples/s, eta: 0:13:03

[2024/03/04 12:00:10] ppcls INFO: [Train][Epoch 3/100][Avg]top1: 0.42857, CELoss: 3.90164, loss: 3.90164

[2024/03/04 12:00:10] ppcls INFO: [Eval][Epoch 3][Iter: 0/10]CELoss: 990.37451, loss: 990.37451, top1: 0.00000, batch\_cost: 0.43710s, reader\_cost: 0.32248, ips: 36.60490 images/sec

[2024/03/04 12:00:14] ppcls INFO: [Eval][Epoch 3][Avg]CELoss: 637.29230, loss: 637.29230, top1: 0.18750

[2024/03/04 12:00:14] ppcls INFO: [Eval][Epoch 3][best metric: 0.1944444477558136]

[2024/03/04 12:00:18] ppcls INFO: [Train][Epoch 4/100][Iter: 0/2]lr(LinearWarmup): 0.09333333, top1: 0.42857, CELoss: 3.18847, loss: 3.18847, batch\_cost: 3.89209s, reader\_cost: 3.00562, ips: 39.56746 samples/s, eta: 0:12:35

[2024/03/04 12:00:31] ppcls INFO: [Train][Epoch 4/100][Avg]top1: 0.37013, CELoss: 2.35269, loss: 2.35269

[2024/03/04 12:00:31] ppcls INFO: [Eval][Epoch 4][Iter: 0/10]CELoss: 14.64730, loss: 14.64730, top1: 0.25000, batch\_cost: 0.41493s, reader\_cost: 0.30131, ips: 38.56060 images/sec

[2024/03/04 12:00:35] ppcls INFO: [Eval][Epoch 4][Avg]CELoss: 813.18715, loss: 813.18715, top1: 0.23611

[2024/03/04 12:00:35] ppcls INFO: [Eval][Epoch 4][best metric: 0.236111119389534]

[2024/03/04 12:00:39] ppcls INFO: [Train][Epoch 5/100][Iter: 0/2]lr(LinearWarmup): 0.12000000, top1: 0.25325, CELoss: 1.96130, loss: 1.96130, batch\_cost: 3.79612s, reader\_cost: 3.00287, ips: 40.56778 samples/s, eta: 0:12:08

[2024/03/04 12:00:52] ppcls INFO: [Train][Epoch 5/100][Avg]top1: 0.25974, CELoss: 1.79964, loss: 1.79964

[2024/03/04 12:00:53] ppcls INFO: [Eval][Epoch 5][Iter: 0/10]CELoss: 724.92786, loss: 724.92786, top1: 0.00000, batch\_cost: 0.43853s, reader\_cost: 0.32292, ips: 36.48524 images/sec

[2024/03/04 12:00:56] ppcls INFO: [Eval][Epoch 5][Avg]CELoss: 627.41557, loss: 627.41557, top1: 0.19444

[2024/03/04 12:00:56] ppcls INFO: [Eval][Epoch 5][best metric: 0.236111119389534]

[2024/03/04 12:01:01] ppcls INFO: [Train][Epoch 6/100][Iter: 0/2]lr(LinearWarmup): 0.14666667, top1: 0.37013, CELoss: 1.35849, loss: 1.35849, batch\_cost: 3.81707s, reader\_cost: 3.07399, ips: 40.34509 samples/s, eta: 0:12:05

[2024/03/04 12:01:14] ppcls INFO: [Train][Epoch 6/100][Avg]top1: 0.41558, CELoss: 1.31712, loss: 1.31712

[2024/03/04 12:01:15] ppcls INFO: [Eval][Epoch 6][Iter: 0/10]CELoss: 315.49255, loss: 315.49255, top1: 0.00000, batch\_cost: 0.41866s, reader\_cost: 0.30405, ips: 38.21700 images/sec

[2024/03/04 12:01:18] ppcls INFO: [Eval][Epoch 6][Avg]CELoss: 296.24339, loss: 296.24339, top1: 0.18750

[2024/03/04 12:01:18] ppcls INFO: [Eval][Epoch 6][best metric: 0.236111119389534]

[2024/03/04 12:01:22] ppcls INFO: [Train][Epoch 7/100][Iter: 0/2]lr(LinearWarmup): 0.17333333, top1: 0.35065, CELoss: 1.32853, loss: 1.32853, batch\_cost: 3.83948s, reader\_cost: 3.12953, ips: 40.10959 samples/s, eta: 0:12:01

[2024/03/04 12:01:36] ppcls INFO: [Train][Epoch 7/100][Avg]top1: 0.37987, CELoss: 1.31127, loss: 1.31127

[2024/03/04 12:01:36] ppcls INFO: [Eval][Epoch 7][Iter: 0/10]CELoss: 853.82062, loss: 853.82062, top1: 0.00000, batch\_cost: 0.44352s, reader\_cost: 0.32990, ips: 36.07542 images/sec

[2024/03/04 12:01:40] ppcls INFO: [Eval][Epoch 7][Avg]CELoss: 1181.39833, loss: 1181.39833, top1: 0.19444

[2024/03/04 12:01:40] ppcls INFO: [Eval][Epoch 7][best metric: 0.236111119389534]

[2024/03/04 12:01:44] ppcls INFO: [Train][Epoch 8/100][Iter: 0/2]lr(LinearWarmup): 0.20000000, top1: 0.38961, CELoss: 1.28214, loss: 1.28214, batch\_cost: 3.84236s, reader\_cost: 3.16022, ips: 40.07957 samples/s, eta: 0:11:54

[2024/03/04 12:01:58] ppcls INFO: [Train][Epoch 8/100][Avg]top1: 0.45130, CELoss: 1.26577, loss: 1.26577

[2024/03/04 12:01:59] ppcls INFO: [Eval][Epoch 8][Iter: 0/10]CELoss: 925.68945, loss: 925.68945, top1: 0.00000, batch\_cost: 0.44402s, reader\_cost: 0.32890, ips: 36.03431 images/sec

[2024/03/04 12:02:02] ppcls INFO: [Eval][Epoch 8][Avg]CELoss: 2145.72631, loss: 2145.72631, top1: 0.19444

[2024/03/04 12:02:02] ppcls INFO: [Eval][Epoch 8][best metric: 0.236111119389534]

[2024/03/04 12:02:07] ppcls INFO: [Train][Epoch 9/100][Iter: 0/2]lr(LinearWarmup): 0.19997570, top1: 0.47403, CELoss: 1.24170, loss: 1.24170, batch\_cost: 3.83645s, reader\_cost: 3.16437, ips: 40.14124 samples/s, eta: 0:11:45

[2024/03/04 12:02:20] ppcls INFO: [Train][Epoch 9/100][Avg]top1: 0.48052, CELoss: 1.27976, loss: 1.27976

[2024/03/04 12:02:21] ppcls INFO: [Eval][Epoch 9][Iter: 0/10]CELoss: 1124.21460, loss: 1124.21460, top1: 0.00000, batch\_cost: 0.42557s, reader\_cost: 0.31096, ips: 37.59628 images/sec

[2024/03/04 12:02:24] ppcls INFO: [Eval][Epoch 9][Avg]CELoss: 2397.23046, loss: 2397.23046, top1: 0.18750

[2024/03/04 12:02:24] ppcls INFO: [Eval][Epoch 9][best metric: 0.236111119389534]

[2024/03/04 12:02:28] ppcls INFO: [Train][Epoch 10/100][Iter: 0/2]lr(LinearWarmup): 0.19990281, top1: 0.47403, CELoss: 1.50511, loss: 1.50511, batch\_cost: 3.80563s, reader\_cost: 3.14796, ips: 40.46636 samples/s, eta: 0:11:32

[2024/03/04 12:02:42] ppcls INFO: [Train][Epoch 10/100][Avg]top1: 0.51948, CELoss: 1.35621, loss: 1.35621

[2024/03/04 12:02:42] ppcls INFO: [Eval][Epoch 10][Iter: 0/10]CELoss: 1178.98535, loss: 1178.98535, top1: 0.00000, batch\_cost: 0.41561s, reader\_cost: 0.30099, ips: 38.49753 images/sec

[2024/03/04 12:02:46] ppcls INFO: [Eval][Epoch 10][Avg]CELoss: 1057.73156, loss: 1057.73156, top1: 0.19444

[2024/03/04 12:02:46] ppcls INFO: [Eval][Epoch 10][best metric: 0.236111119389534]

[2024/03/04 12:02:50] ppcls INFO: [Train][Epoch 11/100][Iter: 0/2]lr(LinearWarmup): 0.19978136, top1: 0.68182, CELoss: 1.10176, loss: 1.10176, batch\_cost: 3.77264s, reader\_cost: 3.13160, ips: 40.82021 samples/s, eta: 0:11:19

[2024/03/04 12:03:03] ppcls INFO: [Train][Epoch 11/100][Avg]top1: 0.62662, CELoss: 1.09251, loss: 1.09251

[2024/03/04 12:03:04] ppcls INFO: [Eval][Epoch 11][Iter: 0/10]CELoss: 805.33911, loss: 805.33911, top1: 0.00000, batch\_cost: 0.44551s, reader\_cost: 0.33189, ips: 35.91352 images/sec

[2024/03/04 12:03:07] ppcls INFO: [Eval][Epoch 11][Avg]CELoss: 645.60785, loss: 645.60785, top1: 0.19444

[2024/03/04 12:03:07] ppcls INFO: [Eval][Epoch 11][best metric: 0.236111119389534]

[2024/03/04 12:03:12] ppcls INFO: [Train][Epoch 12/100][Iter: 0/2]lr(LinearWarmup): 0.19961142, top1: 0.66883, CELoss: 1.00171, loss: 1.00171, batch\_cost: 3.76703s, reader\_cost: 3.13350, ips: 40.88096 samples/s, eta: 0:11:10

[2024/03/04 12:03:25] ppcls INFO: [Train][Epoch 12/100][Avg]top1: 0.67857, CELoss: 1.05047, loss: 1.05047

[2024/03/04 12:03:25] ppcls INFO: [Eval][Epoch 12][Iter: 0/10]CELoss: 430.20834, loss: 430.20834, top1: 0.00000, batch\_cost: 0.44034s, reader\_cost: 0.32591, ips: 36.33538 images/sec

[2024/03/04 12:03:29] ppcls INFO: [Eval][Epoch 12][Avg]CELoss: 312.86397, loss: 312.86397, top1: 0.19444

[2024/03/04 12:03:29] ppcls INFO: [Eval][Epoch 12][best metric: 0.236111119389534]

[2024/03/04 12:03:33] ppcls INFO: [Train][Epoch 13/100][Iter: 0/2]lr(LinearWarmup): 0.19939307, top1: 0.59740, CELoss: 1.07939, loss: 1.07939, batch\_cost: 3.75792s, reader\_cost: 3.13047, ips: 40.98008 samples/s, eta: 0:11:01

[2024/03/04 12:03:47] ppcls INFO: [Train][Epoch 13/100][Avg]top1: 0.59740, CELoss: 1.08429, loss: 1.08429

[2024/03/04 12:03:47] ppcls INFO: [Eval][Epoch 13][Iter: 0/10]CELoss: 214.97273, loss: 214.97273, top1: 0.00000, batch\_cost: 0.43754s, reader\_cost: 0.32392, ips: 36.56838 images/sec

[2024/03/04 12:03:51] ppcls INFO: [Eval][Epoch 13][Avg]CELoss: 193.82856, loss: 193.82856, top1: 0.19444

[2024/03/04 12:03:51] ppcls INFO: [Eval][Epoch 13][best metric: 0.236111119389534]

[2024/03/04 12:03:55] ppcls INFO: [Train][Epoch 14/100][Iter: 0/2]lr(LinearWarmup): 0.19912641, top1: 0.53896, CELoss: 1.09749, loss: 1.09749, batch\_cost: 3.74752s, reader\_cost: 3.12351, ips: 41.09384 samples/s, eta: 0:10:52

[2024/03/04 12:04:08] ppcls INFO: [Train][Epoch 14/100][Avg]top1: 0.56169, CELoss: 1.12227, loss: 1.12227

[2024/03/04 12:04:09] ppcls INFO: [Eval][Epoch 14][Iter: 0/10]CELoss: 125.78400, loss: 125.78400, top1: 0.00000, batch\_cost: 0.41760s, reader\_cost: 0.30299, ips: 38.31381 images/sec

[2024/03/04 12:04:12] ppcls INFO: [Eval][Epoch 14][Avg]CELoss: 103.32143, loss: 103.32143, top1: 0.19444

[2024/03/04 12:04:12] ppcls INFO: [Eval][Epoch 14][best metric: 0.236111119389534]

[2024/03/04 12:04:16] ppcls INFO: [Train][Epoch 15/100][Iter: 0/2]lr(LinearWarmup): 0.19881157, top1: 0.62338, CELoss: 1.07421, loss: 1.07421, batch\_cost: 3.74655s, reader\_cost: 3.12804, ips: 41.10453 samples/s, eta: 0:10:44

[2024/03/04 12:04:30] ppcls INFO: [Train][Epoch 15/100][Avg]top1: 0.63312, CELoss: 1.10119, loss: 1.10119

[2024/03/04 12:04:30] ppcls INFO: [Eval][Epoch 15][Iter: 0/10]CELoss: 15.49011, loss: 15.49011, top1: 0.12500, batch\_cost: 0.41048s, reader\_cost: 0.29587, ips: 38.97839 images/sec

[2024/03/04 12:04:34] ppcls INFO: [Eval][Epoch 15][Avg]CELoss: 49.30578, loss: 49.30578, top1: 0.23611

[2024/03/04 12:04:34] ppcls INFO: [Eval][Epoch 15][best metric: 0.236111119389534]

[2024/03/04 12:04:38] ppcls INFO: [Train][Epoch 16/100][Iter: 0/2]lr(LinearWarmup): 0.19844871, top1: 0.57792, CELoss: 1.08339, loss: 1.08339, batch\_cost: 3.73708s, reader\_cost: 3.12457, ips: 41.20869 samples/s, eta: 0:10:35

[2024/03/04 12:04:51] ppcls INFO: [Train][Epoch 16/100][Avg]top1: 0.60065, CELoss: 1.09812, loss: 1.09812

[2024/03/04 12:04:52] ppcls INFO: [Eval][Epoch 16][Iter: 0/10]CELoss: 20.97790, loss: 20.97790, top1: 0.12500, batch\_cost: 0.41960s, reader\_cost: 0.30398, ips: 38.13170 images/sec

[2024/03/04 12:04:55] ppcls INFO: [Eval][Epoch 16][Avg]CELoss: 23.34170, loss: 23.34170, top1: 0.23611

[2024/03/04 12:04:55] ppcls INFO: [Eval][Epoch 16][best metric: 0.236111119389534]

[2024/03/04 12:05:00] ppcls INFO: [Train][Epoch 17/100][Iter: 0/2]lr(LinearWarmup): 0.19803800, top1: 0.69481, CELoss: 1.01469, loss: 1.01469, batch\_cost: 3.75669s, reader\_cost: 3.15286, ips: 40.99359 samples/s, eta: 0:10:31

[2024/03/04 12:05:13] ppcls INFO: [Train][Epoch 17/100][Avg]top1: 0.70455, CELoss: 0.99716, loss: 0.99716

[2024/03/04 12:05:14] ppcls INFO: [Eval][Epoch 17][Iter: 0/10]CELoss: 2.18592, loss: 2.18592, top1: 0.25000, batch\_cost: 0.42657s, reader\_cost: 0.31196, ips: 37.50823 images/sec

[2024/03/04 12:05:17] ppcls INFO: [Eval][Epoch 17][Avg]CELoss: 3.38848, loss: 3.38848, top1: 0.25694

[2024/03/04 12:05:18] ppcls INFO: [Eval][Epoch 17][best metric: 0.2569444477558136]

[2024/03/04 12:05:22] ppcls INFO: [Train][Epoch 18/100][Iter: 0/2]lr(LinearWarmup): 0.19757964, top1: 0.75974, CELoss: 0.88378, loss: 0.88378, batch\_cost: 3.76050s, reader\_cost: 3.16160, ips: 40.95199 samples/s, eta: 0:10:24

[2024/03/04 12:05:35] ppcls INFO: [Train][Epoch 18/100][Avg]top1: 0.72727, CELoss: 0.90572, loss: 0.90572

[2024/03/04 12:05:36] ppcls INFO: [Eval][Epoch 18][Iter: 0/10]CELoss: 1.04030, loss: 1.04030, top1: 0.56250, batch\_cost: 0.41860s, reader\_cost: 0.30498, ips: 38.22266 images/sec

[2024/03/04 12:05:39] ppcls INFO: [Eval][Epoch 18][Avg]CELoss: 1.53581, loss: 1.53581, top1: 0.35417

[2024/03/04 12:05:39] ppcls INFO: [Eval][Epoch 18][best metric: 0.3541666567325592]

[2024/03/04 12:05:44] ppcls INFO: [Train][Epoch 19/100][Iter: 0/2]lr(LinearWarmup): 0.19707385, top1: 0.73377, CELoss: 0.92634, loss: 0.92634, batch\_cost: 3.74460s, reader\_cost: 3.14971, ips: 41.12587 samples/s, eta: 0:10:14

[2024/03/04 12:05:57] ppcls INFO: [Train][Epoch 19/100][Avg]top1: 0.74026, CELoss: 0.86406, loss: 0.86406

[2024/03/04 12:05:58] ppcls INFO: [Eval][Epoch 19][Iter: 0/10]CELoss: 2.17763, loss: 2.17763, top1: 0.18750, batch\_cost: 0.41279s, reader\_cost: 0.29817, ips: 38.76096 images/sec

[2024/03/04 12:06:01] ppcls INFO: [Eval][Epoch 19][Avg]CELoss: 2.25693, loss: 2.25693, top1: 0.25000

[2024/03/04 12:06:01] ppcls INFO: [Eval][Epoch 19][best metric: 0.3541666567325592]

[2024/03/04 12:06:06] ppcls INFO: [Train][Epoch 20/100][Iter: 0/2]lr(LinearWarmup): 0.19652089, top1: 0.76623, CELoss: 0.87498, loss: 0.87498, batch\_cost: 3.74663s, reader\_cost: 3.15551, ips: 41.10357 samples/s, eta: 0:10:06

[2024/03/04 12:06:19] ppcls INFO: [Train][Epoch 20/100][Avg]top1: 0.80195, CELoss: 0.80808, loss: 0.80808

[2024/03/04 12:06:20] ppcls INFO: [Eval][Epoch 20][Iter: 0/10]CELoss: 1.83806, loss: 1.83806, top1: 0.43750, batch\_cost: 0.41354s, reader\_cost: 0.29992, ips: 38.69050 images/sec

[2024/03/04 12:06:23] ppcls INFO: [Eval][Epoch 20][Avg]CELoss: 2.73850, loss: 2.73850, top1: 0.31944

[2024/03/04 12:06:23] ppcls INFO: [Eval][Epoch 20][best metric: 0.3541666567325592]

[2024/03/04 12:06:28] ppcls INFO: [Train][Epoch 21/100][Iter: 0/2]lr(LinearWarmup): 0.19592102, top1: 0.72078, CELoss: 0.92509, loss: 0.92509, batch\_cost: 3.75697s, reader\_cost: 3.16898, ips: 40.99050 samples/s, eta: 0:10:01

[2024/03/04 12:06:41] ppcls INFO: [Train][Epoch 21/100][Avg]top1: 0.75974, CELoss: 0.86141, loss: 0.86141

[2024/03/04 12:06:42] ppcls INFO: [Eval][Epoch 21][Iter: 0/10]CELoss: 1.53961, loss: 1.53961, top1: 0.43750, batch\_cost: 0.41988s, reader\_cost: 0.30526, ips: 38.10605 images/sec

[2024/03/04 12:06:45] ppcls INFO: [Eval][Epoch 21][Avg]CELoss: 2.51476, loss: 2.51476, top1: 0.34028

[2024/03/04 12:06:45] ppcls INFO: [Eval][Epoch 21][best metric: 0.3541666567325592]

[2024/03/04 12:06:50] ppcls INFO: [Train][Epoch 22/100][Iter: 0/2]lr(LinearWarmup): 0.19527452, top1: 0.83117, CELoss: 0.71262, loss: 0.71262, batch\_cost: 3.74652s, reader\_cost: 3.16165, ips: 41.10484 samples/s, eta: 0:09:51

[2024/03/04 12:07:03] ppcls INFO: [Train][Epoch 22/100][Avg]top1: 0.83766, CELoss: 0.71264, loss: 0.71264

[2024/03/04 12:07:04] ppcls INFO: [Eval][Epoch 22][Iter: 0/10]CELoss: 0.67328, loss: 0.67328, top1: 0.75000, batch\_cost: 0.41148s, reader\_cost: 0.29786, ips: 38.88426 images/sec

[2024/03/04 12:07:07] ppcls INFO: [Eval][Epoch 22][Avg]CELoss: 2.32728, loss: 2.32728, top1: 0.45139

[2024/03/04 12:07:07] ppcls INFO: [Eval][Epoch 22][best metric: 0.4513888955116272]

[2024/03/04 12:07:12] ppcls INFO: [Train][Epoch 23/100][Iter: 0/2]lr(LinearWarmup): 0.19458172, top1: 0.81169, CELoss: 0.84857, loss: 0.84857, batch\_cost: 3.76201s, reader\_cost: 3.17890, ips: 40.93553 samples/s, eta: 0:09:46

[2024/03/04 12:07:25] ppcls INFO: [Train][Epoch 23/100][Avg]top1: 0.83117, CELoss: 0.76644, loss: 0.76644

[2024/03/04 12:07:26] ppcls INFO: [Eval][Epoch 23][Iter: 0/10]CELoss: 0.67625, loss: 0.67625, top1: 0.75000, batch\_cost: 0.41711s, reader\_cost: 0.30150, ips: 38.35932 images/sec

[2024/03/04 12:07:29] ppcls INFO: [Eval][Epoch 23][Avg]CELoss: 1.67613, loss: 1.67613, top1: 0.47917

[2024/03/04 12:07:30] ppcls INFO: [Eval][Epoch 23][best metric: 0.4791666567325592]

[2024/03/04 12:07:34] ppcls INFO: [Train][Epoch 24/100][Iter: 0/2]lr(LinearWarmup): 0.19384296, top1: 0.81169, CELoss: 0.79618, loss: 0.79618, batch\_cost: 3.75598s, reader\_cost: 3.17680, ips: 41.00124 samples/s, eta: 0:09:38

[2024/03/04 12:07:47] ppcls INFO: [Train][Epoch 24/100][Avg]top1: 0.84091, CELoss: 0.73147, loss: 0.73147

[2024/03/04 12:07:48] ppcls INFO: [Eval][Epoch 24][Iter: 0/10]CELoss: 1.43342, loss: 1.43342, top1: 0.56250, batch\_cost: 0.41948s, reader\_cost: 0.30586, ips: 38.14213 images/sec

[2024/03/04 12:07:51] ppcls INFO: [Eval][Epoch 24][Avg]CELoss: 1.82781, loss: 1.82781, top1: 0.44444

[2024/03/04 12:07:51] ppcls INFO: [Eval][Epoch 24][best metric: 0.4791666567325592]

[2024/03/04 12:07:56] ppcls INFO: [Train][Epoch 25/100][Iter: 0/2]lr(LinearWarmup): 0.19305858, top1: 0.85065, CELoss: 0.67147, loss: 0.67147, batch\_cost: 3.75426s, reader\_cost: 3.17875, ips: 41.02002 samples/s, eta: 0:09:30

[2024/03/04 12:08:09] ppcls INFO: [Train][Epoch 25/100][Avg]top1: 0.82468, CELoss: 0.74245, loss: 0.74245

[2024/03/04 12:08:10] ppcls INFO: [Eval][Epoch 25][Iter: 0/10]CELoss: 1.40909, loss: 1.40909, top1: 0.56250, batch\_cost: 0.42647s, reader\_cost: 0.31204, ips: 37.51695 images/sec

[2024/03/04 12:08:13] ppcls INFO: [Eval][Epoch 25][Avg]CELoss: 1.64362, loss: 1.64362, top1: 0.45139

[2024/03/04 12:08:13] ppcls INFO: [Eval][Epoch 25][best metric: 0.4791666567325592]

[2024/03/04 12:08:17] ppcls INFO: [Train][Epoch 26/100][Iter: 0/2]lr(LinearWarmup): 0.19222898, top1: 0.78571, CELoss: 0.79737, loss: 0.79737, batch\_cost: 3.74779s, reader\_cost: 3.17239, ips: 41.09093 samples/s, eta: 0:09:22

[2024/03/04 12:08:31] ppcls INFO: [Train][Epoch 26/100][Avg]top1: 0.82143, CELoss: 0.70938, loss: 0.70938

[2024/03/04 12:08:31] ppcls INFO: [Eval][Epoch 26][Iter: 0/10]CELoss: 0.57877, loss: 0.57877, top1: 0.68750, batch\_cost: 0.43905s, reader\_cost: 0.32443, ips: 36.44240 images/sec

[2024/03/04 12:08:35] ppcls INFO: [Eval][Epoch 26][Avg]CELoss: 1.16119, loss: 1.16119, top1: 0.59028

[2024/03/04 12:08:35] ppcls INFO: [Eval][Epoch 26][best metric: 0.5902777910232544]

[2024/03/04 12:08:39] ppcls INFO: [Train][Epoch 27/100][Iter: 0/2]lr(LinearWarmup): 0.19135455, top1: 0.81818, CELoss: 0.81142, loss: 0.81142, batch\_cost: 3.74230s, reader\_cost: 3.16923, ips: 41.15120 samples/s, eta: 0:09:13

[2024/03/04 12:08:52] ppcls INFO: [Train][Epoch 27/100][Avg]top1: 0.85065, CELoss: 0.71951, loss: 0.71951

[2024/03/04 12:08:53] ppcls INFO: [Eval][Epoch 27][Iter: 0/10]CELoss: 0.52653, loss: 0.52653, top1: 0.81250, batch\_cost: 0.41678s, reader\_cost: 0.30116, ips: 38.38993 images/sec

[2024/03/04 12:08:56] ppcls INFO: [Eval][Epoch 27][Avg]CELoss: 1.06260, loss: 1.06260, top1: 0.68750

[2024/03/04 12:09:01] ppcls INFO: [Train][Epoch 28/100][Iter: 0/2]lr(LinearWarmup): 0.19043572, top1: 0.85714, CELoss: 0.76166, loss: 0.76166, batch\_cost: 3.74360s, reader\_cost: 3.17539, ips: 41.13691 samples/s, eta: 0:09:06

[2024/03/04 12:09:14] ppcls INFO: [Train][Epoch 28/100][Avg]top1: 0.84740, CELoss: 0.73835, loss: 0.73835

[2024/03/04 12:09:15] ppcls INFO: [Eval][Epoch 28][Iter: 0/10]CELoss: 0.43565, loss: 0.43565, top1: 0.81250, batch\_cost: 0.41630s, reader\_cost: 0.30069, ips: 38.43388 images/sec

[2024/03/04 12:09:18] ppcls INFO: [Eval][Epoch 28][Avg]CELoss: 0.66190, loss: 0.66190, top1: 0.73611

[2024/03/04 12:09:19] ppcls INFO: [Eval][Epoch 28][best metric: 0.7361111044883728]

[2024/03/04 12:09:23] ppcls INFO: [Train][Epoch 29/100][Iter: 0/2]lr(LinearWarmup): 0.18947293, top1: 0.86364, CELoss: 0.68142, loss: 0.68142, batch\_cost: 3.74424s, reader\_cost: 3.17889, ips: 41.12983 samples/s, eta: 0:08:59

[2024/03/04 12:09:36] ppcls INFO: [Train][Epoch 29/100][Avg]top1: 0.85714, CELoss: 0.66461, loss: 0.66461

[2024/03/04 12:09:37] ppcls INFO: [Eval][Epoch 29][Iter: 0/10]CELoss: 0.43494, loss: 0.43494, top1: 0.81250, batch\_cost: 0.41561s, reader\_cost: 0.30099, ips: 38.49765 images/sec

[2024/03/04 12:09:40] ppcls INFO: [Eval][Epoch 29][Avg]CELoss: 0.74428, loss: 0.74428, top1: 0.74306

[2024/03/04 12:09:40] ppcls INFO: [Eval][Epoch 29][best metric: 0.7430555820465088]

[2024/03/04 12:09:45] ppcls INFO: [Train][Epoch 30/100][Iter: 0/2]lr(LinearWarmup): 0.18846666, top1: 0.78571, CELoss: 0.80740, loss: 0.80740, batch\_cost: 3.74197s, reader\_cost: 3.17831, ips: 41.15484 samples/s, eta: 0:08:51

[2024/03/04 12:09:58] ppcls INFO: [Train][Epoch 30/100][Avg]top1: 0.83442, CELoss: 0.71968, loss: 0.71968

[2024/03/04 12:09:59] ppcls INFO: [Eval][Epoch 30][Iter: 0/10]CELoss: 0.44210, loss: 0.44210, top1: 0.81250, batch\_cost: 0.44053s, reader\_cost: 0.32691, ips: 36.31988 images/sec

[2024/03/04 12:10:02] ppcls INFO: [Eval][Epoch 30][Avg]CELoss: 0.77977, loss: 0.77977, top1: 0.74306

[2024/03/04 12:10:02] ppcls INFO: [Eval][Epoch 30][best metric: 0.7430555820465088]

[2024/03/04 12:10:06] ppcls INFO: [Train][Epoch 31/100][Iter: 0/2]lr(LinearWarmup): 0.18741740, top1: 0.83117, CELoss: 0.65042, loss: 0.65042, batch\_cost: 3.73777s, reader\_cost: 3.17590, ips: 41.20102 samples/s, eta: 0:08:43

[2024/03/04 12:10:20] ppcls INFO: [Train][Epoch 31/100][Avg]top1: 0.84091, CELoss: 0.68555, loss: 0.68555

[2024/03/04 12:10:20] ppcls INFO: [Eval][Epoch 31][Iter: 0/10]CELoss: 0.56698, loss: 0.56698, top1: 0.75000, batch\_cost: 0.43831s, reader\_cost: 0.32192, ips: 36.50357 images/sec

[2024/03/04 12:10:24] ppcls INFO: [Eval][Epoch 31][Avg]CELoss: 0.84941, loss: 0.84941, top1: 0.70833

[2024/03/04 12:10:24] ppcls INFO: [Eval][Epoch 31][best metric: 0.7430555820465088]

[2024/03/04 12:10:28] ppcls INFO: [Train][Epoch 32/100][Iter: 0/2]lr(LinearWarmup): 0.18632565, top1: 0.82468, CELoss: 0.76700, loss: 0.76700, batch\_cost: 3.73261s, reader\_cost: 3.17512, ips: 41.25797 samples/s, eta: 0:08:35

[2024/03/04 12:10:42] ppcls INFO: [Train][Epoch 32/100][Avg]top1: 0.83117, CELoss: 0.75194, loss: 0.75194

[2024/03/04 12:10:42] ppcls INFO: [Eval][Epoch 32][Iter: 0/10]CELoss: 0.53890, loss: 0.53890, top1: 0.81250, batch\_cost: 0.41711s, reader\_cost: 0.30349, ips: 38.35928 images/sec

[2024/03/04 12:10:46] ppcls INFO: [Eval][Epoch 32][Avg]CELoss: 0.94820, loss: 0.94820, top1: 0.71528

[2024/03/04 12:10:46] ppcls INFO: [Eval][Epoch 32][best metric: 0.7430555820465088]

[2024/03/04 12:10:50] ppcls INFO: [Train][Epoch 33/100][Iter: 0/2]lr(LinearWarmup): 0.18519194, top1: 0.88961, CELoss: 0.63156, loss: 0.63156, batch\_cost: 3.73190s, reader\_cost: 3.17745, ips: 41.26582 samples/s, eta: 0:08:27

[2024/03/04 12:11:03] ppcls INFO: [Train][Epoch 33/100][Avg]top1: 0.87013, CELoss: 0.66283, loss: 0.66283

[2024/03/04 12:11:04] ppcls INFO: [Eval][Epoch 33][Iter: 0/10]CELoss: 0.52367, loss: 0.52367, top1: 0.93750, batch\_cost: 0.42159s, reader\_cost: 0.30797, ips: 37.95158 images/sec

[2024/03/04 12:11:07] ppcls INFO: [Eval][Epoch 33][Avg]CELoss: 1.05461, loss: 1.05461, top1: 0.72222

[2024/03/04 12:11:07] ppcls INFO: [Eval][Epoch 33][best metric: 0.7430555820465088]

[2024/03/04 12:11:11] ppcls INFO: [Train][Epoch 34/100][Iter: 0/2]lr(LinearWarmup): 0.18401683, top1: 0.83766, CELoss: 0.67024, loss: 0.67024, batch\_cost: 3.73171s, reader\_cost: 3.17787, ips: 41.26792 samples/s, eta: 0:08:20

[2024/03/04 12:11:25] ppcls INFO: [Train][Epoch 34/100][Avg]top1: 0.83766, CELoss: 0.66700, loss: 0.66700

[2024/03/04 12:11:26] ppcls INFO: [Eval][Epoch 34][Iter: 0/10]CELoss: 0.39344, loss: 0.39344, top1: 0.93750, batch\_cost: 0.44572s, reader\_cost: 0.33171, ips: 35.89681 images/sec

[2024/03/04 12:11:29] ppcls INFO: [Eval][Epoch 34][Avg]CELoss: 0.75162, loss: 0.75162, top1: 0.78472

[2024/03/04 12:11:29] ppcls INFO: [Eval][Epoch 34][best metric: 0.7847222089767456]

[2024/03/04 12:11:33] ppcls INFO: [Train][Epoch 35/100][Iter: 0/2]lr(LinearWarmup): 0.18280088, top1: 0.84416, CELoss: 0.75881, loss: 0.75881, batch\_cost: 3.73605s, reader\_cost: 3.18442, ips: 41.22004 samples/s, eta: 0:08:13

[2024/03/04 12:11:47] ppcls INFO: [Train][Epoch 35/100][Avg]top1: 0.84740, CELoss: 0.71696, loss: 0.71696

[2024/03/04 12:11:47] ppcls INFO: [Eval][Epoch 35][Iter: 0/10]CELoss: 0.39820, loss: 0.39820, top1: 0.93750, batch\_cost: 0.44882s, reader\_cost: 0.33520, ips: 35.64920 images/sec

[2024/03/04 12:11:51] ppcls INFO: [Eval][Epoch 35][Avg]CELoss: 0.63204, loss: 0.63204, top1: 0.81250

[2024/03/04 12:11:51] ppcls INFO: [Eval][Epoch 35][best metric: 0.8125]

[2024/03/04 12:11:55] ppcls INFO: [Train][Epoch 36/100][Iter: 0/2]lr(LinearWarmup): 0.18154469, top1: 0.81169, CELoss: 0.74402, loss: 0.74402, batch\_cost: 3.73773s, reader\_cost: 3.18685, ips: 41.20144 samples/s, eta: 0:08:05

[2024/03/04 12:12:09] ppcls INFO: [Train][Epoch 36/100][Avg]top1: 0.81169, CELoss: 0.73180, loss: 0.73180

[2024/03/04 12:12:09] ppcls INFO: [Eval][Epoch 36][Iter: 0/10]CELoss: 0.27977, loss: 0.27977, top1: 0.93750, batch\_cost: 0.41888s, reader\_cost: 0.30426, ips: 38.19725 images/sec

[2024/03/04 12:12:13] ppcls INFO: [Eval][Epoch 36][Avg]CELoss: 0.72104, loss: 0.72104, top1: 0.81250

[2024/03/04 12:12:13] ppcls INFO: [Eval][Epoch 36][best metric: 0.8125]

[2024/03/04 12:12:17] ppcls INFO: [Train][Epoch 37/100][Iter: 0/2]lr(LinearWarmup): 0.18024887, top1: 0.87013, CELoss: 0.63840, loss: 0.63840, batch\_cost: 3.74061s, reader\_cost: 3.19246, ips: 41.16979 samples/s, eta: 0:07:58

[2024/03/04 12:12:31] ppcls INFO: [Train][Epoch 37/100][Avg]top1: 0.83117, CELoss: 0.69883, loss: 0.69883

[2024/03/04 12:12:31] ppcls INFO: [Eval][Epoch 37][Iter: 0/10]CELoss: 0.27259, loss: 0.27259, top1: 0.93750, batch\_cost: 0.43714s, reader\_cost: 0.32153, ips: 36.60167 images/sec

[2024/03/04 12:12:35] ppcls INFO: [Eval][Epoch 37][Avg]CELoss: 0.57144, loss: 0.57144, top1: 0.82639

[2024/03/04 12:12:35] ppcls INFO: [Eval][Epoch 37][best metric: 0.8263888955116272]

[2024/03/04 12:12:39] ppcls INFO: [Train][Epoch 38/100][Iter: 0/2]lr(LinearWarmup): 0.17891405, top1: 0.80519, CELoss: 0.84398, loss: 0.84398, batch\_cost: 3.74033s, reader\_cost: 3.19351, ips: 41.17289 samples/s, eta: 0:07:51

[2024/03/04 12:12:53] ppcls INFO: [Train][Epoch 38/100][Avg]top1: 0.84091, CELoss: 0.77243, loss: 0.77243

[2024/03/04 12:12:53] ppcls INFO: [Eval][Epoch 38][Iter: 0/10]CELoss: 0.40436, loss: 0.40436, top1: 0.87500, batch\_cost: 0.41886s, reader\_cost: 0.30425, ips: 38.19851 images/sec

[2024/03/04 12:12:57] ppcls INFO: [Eval][Epoch 38][Avg]CELoss: 0.46435, loss: 0.46435, top1: 0.86806

[2024/03/04 12:12:57] ppcls INFO: [Eval][Epoch 38][best metric: 0.8680555820465088]

[2024/03/04 12:13:01] ppcls INFO: [Train][Epoch 39/100][Iter: 0/2]lr(LinearWarmup): 0.17754087, top1: 0.87013, CELoss: 0.64916, loss: 0.64916, batch\_cost: 3.74141s, reader\_cost: 3.19573, ips: 41.16098 samples/s, eta: 0:07:43

[2024/03/04 12:13:15] ppcls INFO: [Train][Epoch 39/100][Avg]top1: 0.88961, CELoss: 0.63120, loss: 0.63120

[2024/03/04 12:13:15] ppcls INFO: [Eval][Epoch 39][Iter: 0/10]CELoss: 0.23424, loss: 0.23424, top1: 0.93750, batch\_cost: 0.41846s, reader\_cost: 0.30384, ips: 38.23566 images/sec

[2024/03/04 12:13:19] ppcls INFO: [Eval][Epoch 39][Avg]CELoss: 0.44358, loss: 0.44358, top1: 0.86806

[2024/03/04 12:13:19] ppcls INFO: [Eval][Epoch 39][best metric: 0.8680555820465088]

[2024/03/04 12:13:23] ppcls INFO: [Train][Epoch 40/100][Iter: 0/2]lr(LinearWarmup): 0.17613001, top1: 0.85065, CELoss: 0.67192, loss: 0.67192, batch\_cost: 3.74659s, reader\_cost: 3.20182, ips: 41.10404 samples/s, eta: 0:07:37

[2024/03/04 12:13:37] ppcls INFO: [Train][Epoch 40/100][Avg]top1: 0.87662, CELoss: 0.64617, loss: 0.64617

[2024/03/04 12:13:37] ppcls INFO: [Eval][Epoch 40][Iter: 0/10]CELoss: 0.13096, loss: 0.13096, top1: 0.93750, batch\_cost: 0.42299s, reader\_cost: 0.30838, ips: 37.82558 images/sec

[2024/03/04 12:13:40] ppcls INFO: [Eval][Epoch 40][Avg]CELoss: 0.48239, loss: 0.48239, top1: 0.87500

[2024/03/04 12:13:41] ppcls INFO: [Eval][Epoch 40][best metric: 0.875]

[2024/03/04 12:13:45] ppcls INFO: [Train][Epoch 41/100][Iter: 0/2]lr(LinearWarmup): 0.17468215, top1: 0.87013, CELoss: 0.63540, loss: 0.63540, batch\_cost: 3.74401s, reader\_cost: 3.20133, ips: 41.13234 samples/s, eta: 0:07:29

[2024/03/04 12:13:58] ppcls INFO: [Train][Epoch 41/100][Avg]top1: 0.88312, CELoss: 0.61999, loss: 0.61999

[2024/03/04 12:13:59] ppcls INFO: [Eval][Epoch 41][Iter: 0/10]CELoss: 0.16185, loss: 0.16185, top1: 0.93750, batch\_cost: 0.41103s, reader\_cost: 0.29641, ips: 38.92686 images/sec

[2024/03/04 12:14:02] ppcls INFO: [Eval][Epoch 41][Avg]CELoss: 0.40603, loss: 0.40603, top1: 0.88194

[2024/03/04 12:14:03] ppcls INFO: [Eval][Epoch 41][best metric: 0.881944477558136]

[2024/03/04 12:14:07] ppcls INFO: [Train][Epoch 42/100][Iter: 0/2]lr(LinearWarmup): 0.17319799, top1: 0.85065, CELoss: 0.65980, loss: 0.65980, batch\_cost: 3.74486s, reader\_cost: 3.20224, ips: 41.12299 samples/s, eta: 0:07:21

[2024/03/04 12:14:20] ppcls INFO: [Train][Epoch 42/100][Avg]top1: 0.86688, CELoss: 0.64426, loss: 0.64426

[2024/03/04 12:14:21] ppcls INFO: [Eval][Epoch 42][Iter: 0/10]CELoss: 0.32753, loss: 0.32753, top1: 0.87500, batch\_cost: 0.40668s, reader\_cost: 0.29307, ips: 39.34250 images/sec

[2024/03/04 12:14:24] ppcls INFO: [Eval][Epoch 42][Avg]CELoss: 0.41653, loss: 0.41653, top1: 0.87500

[2024/03/04 12:14:24] ppcls INFO: [Eval][Epoch 42][best metric: 0.881944477558136]

[2024/03/04 12:14:29] ppcls INFO: [Train][Epoch 43/100][Iter: 0/2]lr(LinearWarmup): 0.17167825, top1: 0.86364, CELoss: 0.62204, loss: 0.62204, batch\_cost: 3.75718s, reader\_cost: 3.21483, ips: 40.98823 samples/s, eta: 0:07:15

[2024/03/04 12:14:43] ppcls INFO: [Train][Epoch 43/100][Avg]top1: 0.86688, CELoss: 0.63760, loss: 0.63760

[2024/03/04 12:14:43] ppcls INFO: [Eval][Epoch 43][Iter: 0/10]CELoss: 0.32460, loss: 0.32460, top1: 0.87500, batch\_cost: 0.41661s, reader\_cost: 0.30299, ips: 38.40555 images/sec

[2024/03/04 12:14:47] ppcls INFO: [Eval][Epoch 43][Avg]CELoss: 0.43503, loss: 0.43503, top1: 0.86806

[2024/03/04 12:14:47] ppcls INFO: [Eval][Epoch 43][best metric: 0.881944477558136]

[2024/03/04 12:14:51] ppcls INFO: [Train][Epoch 44/100][Iter: 0/2]lr(LinearWarmup): 0.17012368, top1: 0.87662, CELoss: 0.66225, loss: 0.66225, batch\_cost: 3.74960s, reader\_cost: 3.20922, ips: 41.07108 samples/s, eta: 0:07:07

[2024/03/04 12:15:05] ppcls INFO: [Train][Epoch 44/100][Avg]top1: 0.87987, CELoss: 0.64907, loss: 0.64907

[2024/03/04 12:15:05] ppcls INFO: [Eval][Epoch 44][Iter: 0/10]CELoss: 0.50261, loss: 0.50261, top1: 0.81250, batch\_cost: 0.43356s, reader\_cost: 0.31994, ips: 36.90399 images/sec

[2024/03/04 12:15:09] ppcls INFO: [Eval][Epoch 44][Avg]CELoss: 0.46501, loss: 0.46501, top1: 0.86806

[2024/03/04 12:15:09] ppcls INFO: [Eval][Epoch 44][best metric: 0.881944477558136]

[2024/03/04 12:15:13] ppcls INFO: [Train][Epoch 45/100][Iter: 0/2]lr(LinearWarmup): 0.16853502, top1: 0.83766, CELoss: 0.68399, loss: 0.68399, batch\_cost: 3.75317s, reader\_cost: 3.21309, ips: 41.03195 samples/s, eta: 0:07:00

[2024/03/04 12:15:26] ppcls INFO: [Train][Epoch 45/100][Avg]top1: 0.86364, CELoss: 0.63725, loss: 0.63725

[2024/03/04 12:15:27] ppcls INFO: [Eval][Epoch 45][Iter: 0/10]CELoss: 0.49425, loss: 0.49425, top1: 0.87500, batch\_cost: 0.42288s, reader\_cost: 0.30827, ips: 37.83546 images/sec

[2024/03/04 12:15:30] ppcls INFO: [Eval][Epoch 45][Avg]CELoss: 0.45453, loss: 0.45453, top1: 0.86806

[2024/03/04 12:15:30] ppcls INFO: [Eval][Epoch 45][best metric: 0.881944477558136]

[2024/03/04 12:15:34] ppcls INFO: [Train][Epoch 46/100][Iter: 0/2]lr(LinearWarmup): 0.16691306, top1: 0.87013, CELoss: 0.63457, loss: 0.63457, batch\_cost: 3.74895s, reader\_cost: 3.20996, ips: 41.07821 samples/s, eta: 0:06:52

[2024/03/04 12:15:48] ppcls INFO: [Train][Epoch 46/100][Avg]top1: 0.85714, CELoss: 0.65443, loss: 0.65443

[2024/03/04 12:15:48] ppcls INFO: [Eval][Epoch 46][Iter: 0/10]CELoss: 0.46796, loss: 0.46796, top1: 0.87500, batch\_cost: 0.45002s, reader\_cost: 0.33540, ips: 35.55393 images/sec

[2024/03/04 12:15:52] ppcls INFO: [Eval][Epoch 46][Avg]CELoss: 0.43939, loss: 0.43939, top1: 0.87500

[2024/03/04 12:15:52] ppcls INFO: [Eval][Epoch 46][best metric: 0.881944477558136]

[2024/03/04 12:15:56] ppcls INFO: [Train][Epoch 47/100][Iter: 0/2]lr(LinearWarmup): 0.16525858, top1: 0.87013, CELoss: 0.67871, loss: 0.67871, batch\_cost: 3.75255s, reader\_cost: 3.21435, ips: 41.03875 samples/s, eta: 0:06:45

[2024/03/04 12:16:10] ppcls INFO: [Train][Epoch 47/100][Avg]top1: 0.87338, CELoss: 0.67803, loss: 0.67803

[2024/03/04 12:16:11] ppcls INFO: [Eval][Epoch 47][Iter: 0/10]CELoss: 0.33836, loss: 0.33836, top1: 0.87500, batch\_cost: 0.45380s, reader\_cost: 0.34018, ips: 35.25814 images/sec

[2024/03/04 12:16:14] ppcls INFO: [Eval][Epoch 47][Avg]CELoss: 0.40339, loss: 0.40339, top1: 0.86806

[2024/03/04 12:16:14] ppcls INFO: [Eval][Epoch 47][best metric: 0.881944477558136]

[2024/03/04 12:16:18] ppcls INFO: [Train][Epoch 48/100][Iter: 0/2]lr(LinearWarmup): 0.16357237, top1: 0.87013, CELoss: 0.61412, loss: 0.61412, batch\_cost: 3.75272s, reader\_cost: 3.21492, ips: 41.03686 samples/s, eta: 0:06:37

[2024/03/04 12:16:32] ppcls INFO: [Train][Epoch 48/100][Avg]top1: 0.87662, CELoss: 0.61945, loss: 0.61945

[2024/03/04 12:16:32] ppcls INFO: [Eval][Epoch 48][Iter: 0/10]CELoss: 0.22669, loss: 0.22669, top1: 0.93750, batch\_cost: 0.41827s, reader\_cost: 0.30366, ips: 38.25242 images/sec

[2024/03/04 12:16:36] ppcls INFO: [Eval][Epoch 48][Avg]CELoss: 0.37199, loss: 0.37199, top1: 0.90278

[2024/03/04 12:16:36] ppcls INFO: [Eval][Epoch 48][best metric: 0.9027777910232544]

[2024/03/04 12:16:40] ppcls INFO: [Train][Epoch 49/100][Iter: 0/2]lr(LinearWarmup): 0.16185528, top1: 0.89610, CELoss: 0.58144, loss: 0.58144, batch\_cost: 3.74818s, reader\_cost: 3.21129, ips: 41.08655 samples/s, eta: 0:06:29

[2024/03/04 12:16:54] ppcls INFO: [Train][Epoch 49/100][Avg]top1: 0.87662, CELoss: 0.61097, loss: 0.61097

[2024/03/04 12:16:54] ppcls INFO: [Eval][Epoch 49][Iter: 0/10]CELoss: 0.30316, loss: 0.30316, top1: 0.93750, batch\_cost: 0.41703s, reader\_cost: 0.30241, ips: 38.36656 images/sec

[2024/03/04 12:16:58] ppcls INFO: [Eval][Epoch 49][Avg]CELoss: 0.35824, loss: 0.35824, top1: 0.91667

[2024/03/04 12:16:58] ppcls INFO: [Eval][Epoch 49][best metric: 0.9166666865348816]

INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 12:17:02] ppcls INFO: [Train][Epoch 50/100][Iter: 0/2]lr(LinearWarmup): 0.16010811, top1: 0.84416, CELoss: 0.66383, loss: 0.66383, batch\_cost: 3.74553s, reader\_cost: 3.21088, ips: 41.11573 samples/s, eta: 0:06:22

[2024/03/04 12:17:16] ppcls INFO: [Train][Epoch 50/100][Avg]top1: 0.87013, CELoss: 0.62179, loss: 0.62179

[2024/03/04 12:17:16] ppcls INFO: [Eval][Epoch 50][Iter: 0/10]CELoss: 0.43962, loss: 0.43962, top1: 0.87500, batch\_cost: 0.40963s, reader\_cost: 0.29501, ips: 39.05970 images/sec

[2024/03/04 12:17:20] ppcls INFO: [Eval][Epoch 50][Avg]CELoss: 0.38787, loss: 0.38787, top1: 0.89583

[2024/03/04 12:17:20] ppcls INFO: [Eval][Epoch 50][best metric: 0.9166666865348816]

[2024/03/04 12:17:24] ppcls INFO: [Train][Epoch 51/100][Iter: 0/2]lr(LinearWarmup): 0.15833174, top1: 0.88312, CELoss: 0.61866, loss: 0.61866, batch\_cost: 3.74097s, reader\_cost: 3.20655, ips: 41.16582 samples/s, eta: 0:06:14

[2024/03/04 12:17:37] ppcls INFO: [Train][Epoch 51/100][Avg]top1: 0.88636, CELoss: 0.61324, loss: 0.61324

[2024/03/04 12:17:37] ppcls INFO: [Eval][Epoch 51][Iter: 0/10]CELoss: 0.43805, loss: 0.43805, top1: 0.87500, batch\_cost: 0.42476s, reader\_cost: 0.30926, ips: 37.66807 images/sec

[2024/03/04 12:17:41] ppcls INFO: [Eval][Epoch 51][Avg]CELoss: 0.35438, loss: 0.35438, top1: 0.90972

[2024/03/04 12:17:41] ppcls INFO: [Eval][Epoch 51][best metric: 0.9166666865348816]

[2024/03/04 12:17:45] ppcls INFO: [Train][Epoch 52/100][Iter: 0/2]lr(LinearWarmup): 0.15652701, top1: 0.87662, CELoss: 0.62046, loss: 0.62046, batch\_cost: 3.73887s, reader\_cost: 3.20455, ips: 41.18892 samples/s, eta: 0:06:06

[2024/03/04 12:17:58] ppcls INFO: [Train][Epoch 52/100][Avg]top1: 0.89286, CELoss: 0.59149, loss: 0.59149

[2024/03/04 12:17:59] ppcls INFO: [Eval][Epoch 52][Iter: 0/10]CELoss: 0.33563, loss: 0.33563, top1: 0.93750, batch\_cost: 0.41107s, reader\_cost: 0.29845, ips: 38.92282 images/sec

[2024/03/04 12:18:03] ppcls INFO: [Eval][Epoch 52][Avg]CELoss: 0.37512, loss: 0.37512, top1: 0.89583

[2024/03/04 12:18:03] ppcls INFO: [Eval][Epoch 52][best metric: 0.9166666865348816]

[2024/03/04 12:18:07] ppcls INFO: [Train][Epoch 53/100][Iter: 0/2]lr(LinearWarmup): 0.15469482, top1: 0.89610, CELoss: 0.59116, loss: 0.59116, batch\_cost: 3.73713s, reader\_cost: 3.20298, ips: 41.20810 samples/s, eta: 0:05:58

[2024/03/04 12:18:20] ppcls INFO: [Train][Epoch 53/100][Avg]top1: 0.88961, CELoss: 0.59293, loss: 0.59293

[2024/03/04 12:18:20] ppcls INFO: [Eval][Epoch 53][Iter: 0/10]CELoss: 0.22969, loss: 0.22969, top1: 0.93750, batch\_cost: 0.43317s, reader\_cost: 0.31755, ips: 36.93679 images/sec

[2024/03/04 12:18:24] ppcls INFO: [Eval][Epoch 53][Avg]CELoss: 0.38655, loss: 0.38655, top1: 0.88889

[2024/03/04 12:18:24] ppcls INFO: [Eval][Epoch 53][best metric: 0.9166666865348816]

[2024/03/04 12:18:29] ppcls INFO: [Train][Epoch 54/100][Iter: 0/2]lr(LinearWarmup): 0.15283603, top1: 0.87013, CELoss: 0.67318, loss: 0.67318, batch\_cost: 3.73673s, reader\_cost: 3.20261, ips: 41.21250 samples/s, eta: 0:05:51

[2024/03/04 12:18:42] ppcls INFO: [Train][Epoch 54/100][Avg]top1: 0.89286, CELoss: 0.62773, loss: 0.62773

[2024/03/04 12:18:42] ppcls INFO: [Eval][Epoch 54][Iter: 0/10]CELoss: 0.36626, loss: 0.36626, top1: 0.87500, batch\_cost: 0.42434s, reader\_cost: 0.30872, ips: 37.70551 images/sec

[2024/03/04 12:18:46] ppcls INFO: [Eval][Epoch 54][Avg]CELoss: 0.40879, loss: 0.40879, top1: 0.88889

[2024/03/04 12:18:46] ppcls INFO: [Eval][Epoch 54][best metric: 0.9166666865348816]

[2024/03/04 12:18:50] ppcls INFO: [Train][Epoch 55/100][Iter: 0/2]lr(LinearWarmup): 0.15095157, top1: 0.88961, CELoss: 0.59847, loss: 0.59847, batch\_cost: 3.73395s, reader\_cost: 3.20009, ips: 41.24318 samples/s, eta: 0:05:43

[2024/03/04 12:19:04] ppcls INFO: [Train][Epoch 55/100][Avg]top1: 0.88636, CELoss: 0.61068, loss: 0.61068

[2024/03/04 12:19:04] ppcls INFO: [Eval][Epoch 55][Iter: 0/10]CELoss: 0.43518, loss: 0.43518, top1: 0.87500, batch\_cost: 0.43303s, reader\_cost: 0.31642, ips: 36.94905 images/sec

[2024/03/04 12:19:08] ppcls INFO: [Eval][Epoch 55][Avg]CELoss: 0.38306, loss: 0.38306, top1: 0.88889

[2024/03/04 12:19:08] ppcls INFO: [Eval][Epoch 55][best metric: 0.9166666865348816]

[2024/03/04 12:19:13] ppcls INFO: [Train][Epoch 56/100][Iter: 0/2]lr(LinearWarmup): 0.14904235, top1: 0.87013, CELoss: 0.60939, loss: 0.60939, batch\_cost: 3.73557s, reader\_cost: 3.20217, ips: 41.22528 samples/s, eta: 0:05:36

[2024/03/04 12:19:26] ppcls INFO: [Train][Epoch 56/100][Avg]top1: 0.89286, CELoss: 0.57107, loss: 0.57107

[2024/03/04 12:19:26] ppcls INFO: [Eval][Epoch 56][Iter: 0/10]CELoss: 0.36454, loss: 0.36454, top1: 0.87500, batch\_cost: 0.42253s, reader\_cost: 0.30592, ips: 37.86746 images/sec

[2024/03/04 12:19:30] ppcls INFO: [Eval][Epoch 56][Avg]CELoss: 0.34620, loss: 0.34620, top1: 0.88194

[2024/03/04 12:19:30] ppcls INFO: [Eval][Epoch 56][best metric: 0.9166666865348816]

[2024/03/04 12:19:34] ppcls INFO: [Train][Epoch 57/100][Iter: 0/2]lr(LinearWarmup): 0.14710929, top1: 0.88961, CELoss: 0.64647, loss: 0.64647, batch\_cost: 3.73189s, reader\_cost: 3.19939, ips: 41.26591 samples/s, eta: 0:05:28

[2024/03/04 12:19:47] ppcls INFO: [Train][Epoch 57/100][Avg]top1: 0.89935, CELoss: 0.61958, loss: 0.61958

[2024/03/04 12:19:48] ppcls INFO: [Eval][Epoch 57][Iter: 0/10]CELoss: 0.25502, loss: 0.25502, top1: 0.87500, batch\_cost: 0.42479s, reader\_cost: 0.30918, ips: 37.66570 images/sec

[2024/03/04 12:19:52] ppcls INFO: [Eval][Epoch 57][Avg]CELoss: 0.31074, loss: 0.31074, top1: 0.88194

[2024/03/04 12:19:52] ppcls INFO: [Eval][Epoch 57][best metric: 0.9166666865348816]

[2024/03/04 12:19:55] ppcls INFO: [Train][Epoch 58/100][Iter: 0/2]lr(LinearWarmup): 0.14515334, top1: 0.90260, CELoss: 0.58951, loss: 0.58951, batch\_cost: 3.72821s, reader\_cost: 3.19644, ips: 41.30668 samples/s, eta: 0:05:20

[2024/03/04 12:20:09] ppcls INFO: [Train][Epoch 58/100][Avg]top1: 0.90584, CELoss: 0.55961, loss: 0.55961

[2024/03/04 12:20:10] ppcls INFO: [Eval][Epoch 58][Iter: 0/10]CELoss: 0.33727, loss: 0.33727, top1: 0.87500, batch\_cost: 0.46046s, reader\_cost: 0.34684, ips: 34.74785 images/sec

[2024/03/04 12:20:13] ppcls INFO: [Eval][Epoch 58][Avg]CELoss: 0.32176, loss: 0.32176, top1: 0.89583

[2024/03/04 12:20:13] ppcls INFO: [Eval][Epoch 58][best metric: 0.9166666865348816]

[2024/03/04 12:20:17] ppcls INFO: [Train][Epoch 59/100][Iter: 0/2]lr(LinearWarmup): 0.14317544, top1: 0.88312, CELoss: 0.61646, loss: 0.61646, batch\_cost: 3.72961s, reader\_cost: 3.19844, ips: 41.29115 samples/s, eta: 0:05:13

[2024/03/04 12:20:31] ppcls INFO: [Train][Epoch 59/100][Avg]top1: 0.88636, CELoss: 0.60157, loss: 0.60157

[2024/03/04 12:20:32] ppcls INFO: [Eval][Epoch 59][Iter: 0/10]CELoss: 0.41100, loss: 0.41100, top1: 0.81250, batch\_cost: 0.44225s, reader\_cost: 0.32763, ips: 36.17859 images/sec

[2024/03/04 12:20:35] ppcls INFO: [Eval][Epoch 59][Avg]CELoss: 0.32196, loss: 0.32196, top1: 0.88194

[2024/03/04 12:20:35] ppcls INFO: [Eval][Epoch 59][best metric: 0.9166666865348816]

[2024/03/04 12:20:39] ppcls INFO: [Train][Epoch 60/100][Iter: 0/2]lr(LinearWarmup): 0.14117655, top1: 0.90260, CELoss: 0.55678, loss: 0.55678, batch\_cost: 3.72852s, reader\_cost: 3.19858, ips: 41.30321 samples/s, eta: 0:05:05

[2024/03/04 12:20:53] ppcls INFO: [Train][Epoch 60/100][Avg]top1: 0.89610, CELoss: 0.57637, loss: 0.57637

[2024/03/04 12:20:53] ppcls INFO: [Eval][Epoch 60][Iter: 0/10]CELoss: 0.42933, loss: 0.42933, top1: 0.81250, batch\_cost: 0.42373s, reader\_cost: 0.30697, ips: 37.75952 images/sec

[2024/03/04 12:20:57] ppcls INFO: [Eval][Epoch 60][Avg]CELoss: 0.33894, loss: 0.33894, top1: 0.88194

[2024/03/04 12:20:57] ppcls INFO: [Eval][Epoch 60][best metric: 0.9166666865348816]

[2024/03/04 12:21:01] ppcls INFO: [Train][Epoch 61/100][Iter: 0/2]lr(LinearWarmup): 0.13915765, top1: 0.88312, CELoss: 0.59370, loss: 0.59370, batch\_cost: 3.73476s, reader\_cost: 3.20460, ips: 41.23423 samples/s, eta: 0:04:58

[2024/03/04 12:21:15] ppcls INFO: [Train][Epoch 61/100][Avg]top1: 0.89286, CELoss: 0.61651, loss: 0.61651

[2024/03/04 12:21:15] ppcls INFO: [Eval][Epoch 61][Iter: 0/10]CELoss: 0.47730, loss: 0.47730, top1: 0.81250, batch\_cost: 0.42221s, reader\_cost: 0.30759, ips: 37.89581 images/sec

[2024/03/04 12:21:19] ppcls INFO: [Eval][Epoch 61][Avg]CELoss: 0.34728, loss: 0.34728, top1: 0.87500

[2024/03/04 12:21:19] ppcls INFO: [Eval][Epoch 61][best metric: 0.9166666865348816]

[2024/03/04 12:21:23] ppcls INFO: [Train][Epoch 62/100][Iter: 0/2]lr(LinearWarmup): 0.13711972, top1: 0.92208, CELoss: 0.52160, loss: 0.52160, batch\_cost: 3.72972s, reader\_cost: 3.20074, ips: 41.28999 samples/s, eta: 0:04:50

[2024/03/04 12:21:36] ppcls INFO: [Train][Epoch 62/100][Avg]top1: 0.90909, CELoss: 0.55294, loss: 0.55294

[2024/03/04 12:21:37] ppcls INFO: [Eval][Epoch 62][Iter: 0/10]CELoss: 0.40711, loss: 0.40711, top1: 0.81250, batch\_cost: 0.41162s, reader\_cost: 0.29701, ips: 38.87041 images/sec

[2024/03/04 12:21:40] ppcls INFO: [Eval][Epoch 62][Avg]CELoss: 0.33044, loss: 0.33044, top1: 0.90972

[2024/03/04 12:21:40] ppcls INFO: [Eval][Epoch 62][best metric: 0.9166666865348816]

[2024/03/04 12:21:45] ppcls INFO: [Train][Epoch 63/100][Iter: 0/2]lr(LinearWarmup): 0.13506376, top1: 0.88312, CELoss: 0.62202, loss: 0.62202, batch\_cost: 3.73000s, reader\_cost: 3.20131, ips: 41.28688 samples/s, eta: 0:04:43

[2024/03/04 12:21:58] ppcls INFO: [Train][Epoch 63/100][Avg]top1: 0.89610, CELoss: 0.58516, loss: 0.58516

[2024/03/04 12:21:59] ppcls INFO: [Eval][Epoch 63][Iter: 0/10]CELoss: 0.28482, loss: 0.28482, top1: 0.93750, batch\_cost: 0.44938s, reader\_cost: 0.33576, ips: 35.60441 images/sec

[2024/03/04 12:22:02] ppcls INFO: [Eval][Epoch 63][Avg]CELoss: 0.31196, loss: 0.31196, top1: 0.90972

[2024/03/04 12:22:02] ppcls INFO: [Eval][Epoch 63][best metric: 0.9166666865348816]

[2024/03/04 12:22:06] ppcls INFO: [Train][Epoch 64/100][Iter: 0/2]lr(LinearWarmup): 0.13299074, top1: 0.92857, CELoss: 0.54767, loss: 0.54767, batch\_cost: 3.72812s, reader\_cost: 3.20021, ips: 41.30765 samples/s, eta: 0:04:35

[2024/03/04 12:22:20] ppcls INFO: [Train][Epoch 64/100][Avg]top1: 0.91883, CELoss: 0.56415, loss: 0.56415

[2024/03/04 12:22:20] ppcls INFO: [Eval][Epoch 64][Iter: 0/10]CELoss: 0.31676, loss: 0.31676, top1: 0.93750, batch\_cost: 0.42609s, reader\_cost: 0.31048, ips: 37.55039 images/sec

[2024/03/04 12:22:24] ppcls INFO: [Eval][Epoch 64][Avg]CELoss: 0.31602, loss: 0.31602, top1: 0.90972

[2024/03/04 12:22:24] ppcls INFO: [Eval][Epoch 64][best metric: 0.9166666865348816]

[2024/03/04 12:22:28] ppcls INFO: [Train][Epoch 65/100][Iter: 0/2]lr(LinearWarmup): 0.13090170, top1: 0.88312, CELoss: 0.61939, loss: 0.61939, batch\_cost: 3.72617s, reader\_cost: 3.19957, ips: 41.32930 samples/s, eta: 0:04:28

[2024/03/04 12:22:42] ppcls INFO: [Train][Epoch 65/100][Avg]top1: 0.88636, CELoss: 0.61346, loss: 0.61346

[2024/03/04 12:22:42] ppcls INFO: [Eval][Epoch 65][Iter: 0/10]CELoss: 0.41890, loss: 0.41890, top1: 0.87500, batch\_cost: 0.42248s, reader\_cost: 0.30786, ips: 37.87178 images/sec

[2024/03/04 12:22:46] ppcls INFO: [Eval][Epoch 65][Avg]CELoss: 0.34012, loss: 0.34012, top1: 0.90972

[2024/03/04 12:22:46] ppcls INFO: [Eval][Epoch 65][best metric: 0.9166666865348816]

[2024/03/04 12:22:50] ppcls INFO: [Train][Epoch 66/100][Iter: 0/2]lr(LinearWarmup): 0.12879764, top1: 0.86364, CELoss: 0.59604, loss: 0.59604, batch\_cost: 3.72809s, reader\_cost: 3.20142, ips: 41.30797 samples/s, eta: 0:04:20

[2024/03/04 12:23:04] ppcls INFO: [Train][Epoch 66/100][Avg]top1: 0.87662, CELoss: 0.59358, loss: 0.59358

[2024/03/04 12:23:05] ppcls INFO: [Eval][Epoch 66][Iter: 0/10]CELoss: 0.42992, loss: 0.42992, top1: 0.93750, batch\_cost: 0.45644s, reader\_cost: 0.34182, ips: 35.05373 images/sec

[2024/03/04 12:23:08] ppcls INFO: [Eval][Epoch 66][Avg]CELoss: 0.37342, loss: 0.37342, top1: 0.90972

[2024/03/04 12:23:08] ppcls INFO: [Eval][Epoch 66][best metric: 0.9166666865348816]

[2024/03/04 12:23:12] ppcls INFO: [Train][Epoch 67/100][Iter: 0/2]lr(LinearWarmup): 0.12667958, top1: 0.87013, CELoss: 0.62431, loss: 0.62431, batch\_cost: 3.72857s, reader\_cost: 3.20296, ips: 41.30269 samples/s, eta: 0:04:13

[2024/03/04 12:23:27] ppcls INFO: [Train][Epoch 67/100][Avg]top1: 0.89935, CELoss: 0.57802, loss: 0.57802

[2024/03/04 12:23:27] ppcls INFO: [Eval][Epoch 67][Iter: 0/10]CELoss: 0.28747, loss: 0.28747, top1: 0.93750, batch\_cost: 0.42358s, reader\_cost: 0.30996, ips: 37.77300 images/sec

[2024/03/04 12:23:31] ppcls INFO: [Eval][Epoch 67][Avg]CELoss: 0.35750, loss: 0.35750, top1: 0.90278

[2024/03/04 12:23:31] ppcls INFO: [Eval][Epoch 67][best metric: 0.9166666865348816]

[2024/03/04 12:23:35] ppcls INFO: [Train][Epoch 68/100][Iter: 0/2]lr(LinearWarmup): 0.12454855, top1: 0.88961, CELoss: 0.56980, loss: 0.56980, batch\_cost: 3.72883s, reader\_cost: 3.20412, ips: 41.29980 samples/s, eta: 0:04:06

[2024/03/04 12:23:49] ppcls INFO: [Train][Epoch 68/100][Avg]top1: 0.90260, CELoss: 0.57897, loss: 0.57897

[2024/03/04 12:23:49] ppcls INFO: [Eval][Epoch 68][Iter: 0/10]CELoss: 0.18658, loss: 0.18658, top1: 1.00000, batch\_cost: 0.41936s, reader\_cost: 0.30474, ips: 38.15367 images/sec

[2024/03/04 12:23:53] ppcls INFO: [Eval][Epoch 68][Avg]CELoss: 0.32057, loss: 0.32057, top1: 0.92361

[2024/03/04 12:23:53] ppcls INFO: [Eval][Epoch 68][best metric: 0.9236111044883728]

[2024/03/04 12:23:57] ppcls INFO: [Train][Epoch 69/100][Iter: 0/2]lr(LinearWarmup): 0.12240559, top1: 0.87013, CELoss: 0.64966, loss: 0.64966, batch\_cost: 3.72733s, reader\_cost: 3.20296, ips: 41.31641 samples/s, eta: 0:03:58

[2024/03/04 12:24:10] ppcls INFO: [Train][Epoch 69/100][Avg]top1: 0.88961, CELoss: 0.62579, loss: 0.62579

[2024/03/04 12:24:11] ppcls INFO: [Eval][Epoch 69][Iter: 0/10]CELoss: 0.25918, loss: 0.25918, top1: 0.87500, batch\_cost: 0.43156s, reader\_cost: 0.31694, ips: 37.07520 images/sec

[2024/03/04 12:24:14] ppcls INFO: [Eval][Epoch 69][Avg]CELoss: 0.31018, loss: 0.31018, top1: 0.91667

[2024/03/04 12:24:14] ppcls INFO: [Eval][Epoch 69][best metric: 0.9236111044883728]

[2024/03/04 12:24:19] ppcls INFO: [Train][Epoch 70/100][Iter: 0/2]lr(LinearWarmup): 0.12025174, top1: 0.86364, CELoss: 0.68941, loss: 0.68941, batch\_cost: 3.73154s, reader\_cost: 3.20705, ips: 41.26984 samples/s, eta: 0:03:51

[2024/03/04 12:24:33] ppcls INFO: [Train][Epoch 70/100][Avg]top1: 0.87987, CELoss: 0.62754, loss: 0.62754

[2024/03/04 12:24:33] ppcls INFO: [Eval][Epoch 70][Iter: 0/10]CELoss: 0.45656, loss: 0.45656, top1: 0.87500, batch\_cost: 0.42429s, reader\_cost: 0.30967, ips: 37.71023 images/sec

[2024/03/04 12:24:37] ppcls INFO: [Eval][Epoch 70][Avg]CELoss: 0.37112, loss: 0.37112, top1: 0.90972

[2024/03/04 12:24:37] ppcls INFO: [Eval][Epoch 70][best metric: 0.9236111044883728]

[2024/03/04 12:24:41] ppcls INFO: [Train][Epoch 71/100][Iter: 0/2]lr(LinearWarmup): 0.11808805, top1: 0.90909, CELoss: 0.55861, loss: 0.55861, batch\_cost: 3.72829s, reader\_cost: 3.20407, ips: 41.30578 samples/s, eta: 0:03:43

[2024/03/04 12:24:55] ppcls INFO: [Train][Epoch 71/100][Avg]top1: 0.92208, CELoss: 0.55059, loss: 0.55059

[2024/03/04 12:24:55] ppcls INFO: [Eval][Epoch 71][Iter: 0/10]CELoss: 0.50944, loss: 0.50944, top1: 0.81250, batch\_cost: 0.41861s, reader\_cost: 0.30499, ips: 38.22179 images/sec

[2024/03/04 12:24:59] ppcls INFO: [Eval][Epoch 71][Avg]CELoss: 0.38731, loss: 0.38731, top1: 0.87500

[2024/03/04 12:24:59] ppcls INFO: [Eval][Epoch 71][best metric: 0.9236111044883728]

[2024/03/04 12:25:03] ppcls INFO: [Train][Epoch 72/100][Iter: 0/2]lr(LinearWarmup): 0.11591557, top1: 0.88961, CELoss: 0.58989, loss: 0.58989, batch\_cost: 3.73172s, reader\_cost: 3.20762, ips: 41.26784 samples/s, eta: 0:03:36

[2024/03/04 12:25:16] ppcls INFO: [Train][Epoch 72/100][Avg]top1: 0.90584, CELoss: 0.56354, loss: 0.56354

[2024/03/04 12:25:17] ppcls INFO: [Eval][Epoch 72][Iter: 0/10]CELoss: 0.34733, loss: 0.34733, top1: 0.81250, batch\_cost: 0.45740s, reader\_cost: 0.34296, ips: 34.97999 images/sec

[2024/03/04 12:25:20] ppcls INFO: [Eval][Epoch 72][Avg]CELoss: 0.37892, loss: 0.37892, top1: 0.87500

[2024/03/04 12:25:20] ppcls INFO: [Eval][Epoch 72][best metric: 0.9236111044883728]

[2024/03/04 12:25:25] ppcls INFO: [Train][Epoch 73/100][Iter: 0/2]lr(LinearWarmup): 0.11373536, top1: 0.91558, CELoss: 0.55872, loss: 0.55872, batch\_cost: 3.73371s, reader\_cost: 3.20993, ips: 41.24581 samples/s, eta: 0:03:29

[2024/03/04 12:25:38] ppcls INFO: [Train][Epoch 73/100][Avg]top1: 0.90584, CELoss: 0.57434, loss: 0.57434

[2024/03/04 12:25:39] ppcls INFO: [Eval][Epoch 73][Iter: 0/10]CELoss: 0.25025, loss: 0.25025, top1: 0.93750, batch\_cost: 0.45847s, reader\_cost: 0.34285, ips: 34.89889 images/sec

[2024/03/04 12:25:42] ppcls INFO: [Eval][Epoch 73][Avg]CELoss: 0.37204, loss: 0.37204, top1: 0.88889

[2024/03/04 12:25:42] ppcls INFO: [Eval][Epoch 73][best metric: 0.9236111044883728]

[2024/03/04 12:25:47] ppcls INFO: [Train][Epoch 74/100][Iter: 0/2]lr(LinearWarmup): 0.11154846, top1: 0.86364, CELoss: 0.65657, loss: 0.65657, batch\_cost: 3.73735s, reader\_cost: 3.21422, ips: 41.20566 samples/s, eta: 0:03:21

[2024/03/04 12:26:01] ppcls INFO: [Train][Epoch 74/100][Avg]top1: 0.90260, CELoss: 0.59190, loss: 0.59190

[2024/03/04 12:26:01] ppcls INFO: [Eval][Epoch 74][Iter: 0/10]CELoss: 0.20384, loss: 0.20384, top1: 0.93750, batch\_cost: 0.41669s, reader\_cost: 0.30207, ips: 38.39819 images/sec

[2024/03/04 12:26:05] ppcls INFO: [Eval][Epoch 74][Avg]CELoss: 0.38634, loss: 0.38634, top1: 0.88194

[2024/03/04 12:26:05] ppcls INFO: [Eval][Epoch 74][best metric: 0.9236111044883728]

[2024/03/04 12:26:09] ppcls INFO: [Train][Epoch 75/100][Iter: 0/2]lr(LinearWarmup): 0.10935596, top1: 0.84416, CELoss: 0.62384, loss: 0.62384, batch\_cost: 3.73451s, reader\_cost: 3.21232, ips: 41.23700 samples/s, eta: 0:03:14

[2024/03/04 12:26:22] ppcls INFO: [Train][Epoch 75/100][Avg]top1: 0.88961, CELoss: 0.54834, loss: 0.54834

[2024/03/04 12:26:23] ppcls INFO: [Eval][Epoch 75][Iter: 0/10]CELoss: 0.22876, loss: 0.22876, top1: 0.93750, batch\_cost: 0.44618s, reader\_cost: 0.33156, ips: 35.86023 images/sec

[2024/03/04 12:26:26] ppcls INFO: [Eval][Epoch 75][Avg]CELoss: 0.39383, loss: 0.39383, top1: 0.88194

[2024/03/04 12:26:26] ppcls INFO: [Eval][Epoch 75][best metric: 0.9236111044883728]

[2024/03/04 12:26:30] ppcls INFO: [Train][Epoch 76/100][Iter: 0/2]lr(LinearWarmup): 0.10715891, top1: 0.90260, CELoss: 0.56562, loss: 0.56562, batch\_cost: 3.73321s, reader\_cost: 3.21128, ips: 41.25131 samples/s, eta: 0:03:06

[2024/03/04 12:26:44] ppcls INFO: [Train][Epoch 76/100][Avg]top1: 0.89286, CELoss: 0.55633, loss: 0.55633

[2024/03/04 12:26:44] ppcls INFO: [Eval][Epoch 76][Iter: 0/10]CELoss: 0.32276, loss: 0.32276, top1: 0.93750, batch\_cost: 0.43035s, reader\_cost: 0.31573, ips: 37.17881 images/sec

[2024/03/04 12:26:48] ppcls INFO: [Eval][Epoch 76][Avg]CELoss: 0.37956, loss: 0.37956, top1: 0.89583

[2024/03/04 12:26:48] ppcls INFO: [Eval][Epoch 76][best metric: 0.9236111044883728]

[2024/03/04 12:26:52] ppcls INFO: [Train][Epoch 77/100][Iter: 0/2]lr(LinearWarmup): 0.10495838, top1: 0.91558, CELoss: 0.56341, loss: 0.56341, batch\_cost: 3.73331s, reader\_cost: 3.21249, ips: 41.25027 samples/s, eta: 0:02:59

[2024/03/04 12:27:06] ppcls INFO: [Train][Epoch 77/100][Avg]top1: 0.90584, CELoss: 0.55499, loss: 0.55499

[2024/03/04 12:27:06] ppcls INFO: [Eval][Epoch 77][Iter: 0/10]CELoss: 0.42187, loss: 0.42187, top1: 0.87500, batch\_cost: 0.42857s, reader\_cost: 0.31295, ips: 37.33304 images/sec

[2024/03/04 12:27:10] ppcls INFO: [Eval][Epoch 77][Avg]CELoss: 0.36307, loss: 0.36307, top1: 0.89583

[2024/03/04 12:27:10] ppcls INFO: [Eval][Epoch 77][best metric: 0.9236111044883728]

[2024/03/04 12:27:14] ppcls INFO: [Train][Epoch 78/100][Iter: 0/2]lr(LinearWarmup): 0.10275543, top1: 0.88961, CELoss: 0.58585, loss: 0.58585, batch\_cost: 3.73522s, reader\_cost: 3.21514, ips: 41.22920 samples/s, eta: 0:02:51

[2024/03/04 12:27:28] ppcls INFO: [Train][Epoch 78/100][Avg]top1: 0.90260, CELoss: 0.57529, loss: 0.57529

[2024/03/04 12:27:29] ppcls INFO: [Eval][Epoch 78][Iter: 0/10]CELoss: 0.46256, loss: 0.46256, top1: 0.81250, batch\_cost: 0.47641s, reader\_cost: 0.36179, ips: 33.58483 images/sec

[2024/03/04 12:27:32] ppcls INFO: [Eval][Epoch 78][Avg]CELoss: 0.34790, loss: 0.34790, top1: 0.88889

[2024/03/04 12:27:32] ppcls INFO: [Eval][Epoch 78][best metric: 0.9236111044883728]

[2024/03/04 12:27:36] ppcls INFO: [Train][Epoch 79/100][Iter: 0/2]lr(LinearWarmup): 0.10055115, top1: 0.88961, CELoss: 0.57008, loss: 0.57008, batch\_cost: 3.73415s, reader\_cost: 3.21491, ips: 41.24099 samples/s, eta: 0:02:44

[2024/03/04 12:27:50] ppcls INFO: [Train][Epoch 79/100][Avg]top1: 0.89286, CELoss: 0.55714, loss: 0.55714

[2024/03/04 12:27:51] ppcls INFO: [Eval][Epoch 79][Iter: 0/10]CELoss: 0.44735, loss: 0.44735, top1: 0.81250, batch\_cost: 0.46232s, reader\_cost: 0.34684, ips: 34.60813 images/sec

[2024/03/04 12:27:54] ppcls INFO: [Eval][Epoch 79][Avg]CELoss: 0.36244, loss: 0.36244, top1: 0.88889

[2024/03/04 12:27:54] ppcls INFO: [Eval][Epoch 79][best metric: 0.9236111044883728]

[2024/03/04 12:27:58] ppcls INFO: [Train][Epoch 80/100][Iter: 0/2]lr(LinearWarmup): 0.09834661, top1: 0.89610, CELoss: 0.57736, loss: 0.57736, batch\_cost: 3.73424s, reader\_cost: 3.21560, ips: 41.24004 samples/s, eta: 0:02:36

[2024/03/04 12:28:12] ppcls INFO: [Train][Epoch 80/100][Avg]top1: 0.89610, CELoss: 0.59884, loss: 0.59884

[2024/03/04 12:28:13] ppcls INFO: [Eval][Epoch 80][Iter: 0/10]CELoss: 0.33987, loss: 0.33987, top1: 0.81250, batch\_cost: 0.44748s, reader\_cost: 0.32987, ips: 35.75608 images/sec

[2024/03/04 12:28:16] ppcls INFO: [Eval][Epoch 80][Avg]CELoss: 0.35857, loss: 0.35857, top1: 0.88889

[2024/03/04 12:28:16] ppcls INFO: [Eval][Epoch 80][best metric: 0.9236111044883728]

[2024/03/04 12:28:20] ppcls INFO: [Train][Epoch 81/100][Iter: 0/2]lr(LinearWarmup): 0.09614286, top1: 0.89610, CELoss: 0.59617, loss: 0.59617, batch\_cost: 3.73170s, reader\_cost: 3.21397, ips: 41.26802 samples/s, eta: 0:02:29

[2024/03/04 12:28:34] ppcls INFO: [Train][Epoch 81/100][Avg]top1: 0.90260, CELoss: 0.57396, loss: 0.57396

[2024/03/04 12:28:34] ppcls INFO: [Eval][Epoch 81][Iter: 0/10]CELoss: 0.37230, loss: 0.37230, top1: 0.81250, batch\_cost: 0.41434s, reader\_cost: 0.29872, ips: 38.61596 images/sec

[2024/03/04 12:28:38] ppcls INFO: [Eval][Epoch 81][Avg]CELoss: 0.38082, loss: 0.38082, top1: 0.88194

[2024/03/04 12:28:38] ppcls INFO: [Eval][Epoch 81][best metric: 0.9236111044883728]

[2024/03/04 12:28:42] ppcls INFO: [Train][Epoch 82/100][Iter: 0/2]lr(LinearWarmup): 0.09394099, top1: 0.87662, CELoss: 0.64350, loss: 0.64350, batch\_cost: 3.73358s, reader\_cost: 3.21580, ips: 41.24729 samples/s, eta: 0:02:21

[2024/03/04 12:28:56] ppcls INFO: [Train][Epoch 82/100][Avg]top1: 0.89286, CELoss: 0.59248, loss: 0.59248

[2024/03/04 12:28:56] ppcls INFO: [Eval][Epoch 82][Iter: 0/10]CELoss: 0.43048, loss: 0.43048, top1: 0.81250, batch\_cost: 0.41050s, reader\_cost: 0.29688, ips: 38.97651 images/sec

[2024/03/04 12:29:00] ppcls INFO: [Eval][Epoch 82][Avg]CELoss: 0.38749, loss: 0.38749, top1: 0.88889

[2024/03/04 12:29:00] ppcls INFO: [Eval][Epoch 82][best metric: 0.9236111044883728]

[2024/03/04 12:29:04] ppcls INFO: [Train][Epoch 83/100][Iter: 0/2]lr(LinearWarmup): 0.09174207, top1: 0.90260, CELoss: 0.61563, loss: 0.61563, batch\_cost: 3.73429s, reader\_cost: 3.21601, ips: 41.23939 samples/s, eta: 0:02:14

[2024/03/04 12:29:17] ppcls INFO: [Train][Epoch 83/100][Avg]top1: 0.90584, CELoss: 0.58145, loss: 0.58145

[2024/03/04 12:29:18] ppcls INFO: [Eval][Epoch 83][Iter: 0/10]CELoss: 0.46369, loss: 0.46369, top1: 0.81250, batch\_cost: 0.43655s, reader\_cost: 0.32193, ips: 36.65128 images/sec

[2024/03/04 12:29:21] ppcls INFO: [Eval][Epoch 83][Avg]CELoss: 0.39142, loss: 0.39142, top1: 0.88889

[2024/03/04 12:29:21] ppcls INFO: [Eval][Epoch 83][best metric: 0.9236111044883728]

[2024/03/04 12:29:26] ppcls INFO: [Train][Epoch 84/100][Iter: 0/2]lr(LinearWarmup): 0.08954715, top1: 0.92208, CELoss: 0.56288, loss: 0.56288, batch\_cost: 3.73200s, reader\_cost: 3.21338, ips: 41.26473 samples/s, eta: 0:02:06

[2024/03/04 12:29:39] ppcls INFO: [Train][Epoch 84/100][Avg]top1: 0.91234, CELoss: 0.55224, loss: 0.55224

[2024/03/04 12:29:40] ppcls INFO: [Eval][Epoch 84][Iter: 0/10]CELoss: 0.40476, loss: 0.40476, top1: 0.81250, batch\_cost: 0.45392s, reader\_cost: 0.33931, ips: 35.24833 images/sec

[2024/03/04 12:29:43] ppcls INFO: [Eval][Epoch 84][Avg]CELoss: 0.36592, loss: 0.36592, top1: 0.88889

[2024/03/04 12:29:43] ppcls INFO: [Eval][Epoch 84][best metric: 0.9236111044883728]

[2024/03/04 12:29:48] ppcls INFO: [Train][Epoch 85/100][Iter: 0/2]lr(LinearWarmup): 0.08735732, top1: 0.88312, CELoss: 0.57359, loss: 0.57359, batch\_cost: 3.73184s, reader\_cost: 3.21309, ips: 41.26646 samples/s, eta: 0:01:59

[2024/03/04 12:30:02] ppcls INFO: [Train][Epoch 85/100][Avg]top1: 0.90584, CELoss: 0.55930, loss: 0.55930

[2024/03/04 12:30:02] ppcls INFO: [Eval][Epoch 85][Iter: 0/10]CELoss: 0.28710, loss: 0.28710, top1: 0.87500, batch\_cost: 0.42508s, reader\_cost: 0.31146, ips: 37.63980 images/sec

[2024/03/04 12:30:06] ppcls INFO: [Eval][Epoch 85][Avg]CELoss: 0.32017, loss: 0.32017, top1: 0.90972

[2024/03/04 12:30:06] ppcls INFO: [Eval][Epoch 85][best metric: 0.9236111044883728]

[2024/03/04 12:30:06] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_85

[2024/03/04 12:30:06] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 12:30:10] ppcls INFO: [Train][Epoch 86/100][Iter: 0/2]lr(LinearWarmup): 0.08517364, top1: 0.85714, CELoss: 0.61504, loss: 0.61504, batch\_cost: 3.73326s, reader\_cost: 3.21495, ips: 41.25077 samples/s, eta: 0:01:51

[2024/03/04 12:30:24] ppcls INFO: [Train][Epoch 86/100][Avg]top1: 0.88961, CELoss: 0.56845, loss: 0.56845

[2024/03/04 12:30:24] ppcls INFO: [Eval][Epoch 86][Iter: 0/10]CELoss: 0.25834, loss: 0.25834, top1: 0.93750, batch\_cost: 0.40967s, reader\_cost: 0.29506, ips: 39.05554 images/sec

[2024/03/04 12:30:28] ppcls INFO: [Eval][Epoch 86][Avg]CELoss: 0.30003, loss: 0.30003, top1: 0.92361

[2024/03/04 12:30:28] ppcls INFO: [Eval][Epoch 86][best metric: 0.9236111044883728]

[2024/03/04 12:30:32] ppcls INFO: [Train][Epoch 87/100][Iter: 0/2]lr(LinearWarmup): 0.08299715, top1: 0.90909, CELoss: 0.54796, loss: 0.54796, batch\_cost: 3.73431s, reader\_cost: 3.21596, ips: 41.23922 samples/s, eta: 0:01:44

[2024/03/04 12:30:46] ppcls INFO: [Train][Epoch 87/100][Avg]top1: 0.91234, CELoss: 0.54232, loss: 0.54232

[2024/03/04 12:30:46] ppcls INFO: [Eval][Epoch 87][Iter: 0/10]CELoss: 0.26429, loss: 0.26429, top1: 0.93750, batch\_cost: 0.41411s, reader\_cost: 0.29950, ips: 38.63668 images/sec

[2024/03/04 12:30:50] ppcls INFO: [Eval][Epoch 87][Avg]CELoss: 0.30670, loss: 0.30670, top1: 0.93056

[2024/03/04 12:30:50] ppcls INFO: [Eval][Epoch 87][best metric: 0.9305555820465088]

[2024/03/04 12:30:54] ppcls INFO: [Train][Epoch 88/100][Iter: 0/2]lr(LinearWarmup): 0.08082894, top1: 0.84416, CELoss: 0.71718, loss: 0.71718, batch\_cost: 3.73563s, reader\_cost: 3.21730, ips: 41.22467 samples/s, eta: 0:01:37

[2024/03/04 12:31:08] ppcls INFO: [Train][Epoch 88/100][Avg]top1: 0.87662, CELoss: 0.62160, loss: 0.62160

[2024/03/04 12:31:08] ppcls INFO: [Eval][Epoch 88][Iter: 0/10]CELoss: 0.28299, loss: 0.28299, top1: 0.93750, batch\_cost: 0.41272s, reader\_cost: 0.29910, ips: 38.76761 images/sec

[2024/03/04 12:31:12] ppcls INFO: [Eval][Epoch 88][Avg]CELoss: 0.30557, loss: 0.30557, top1: 0.93056

[2024/03/04 12:31:12] ppcls INFO: [Eval][Epoch 88][best metric: 0.9305555820465088]

[2024/03/04 12:31:16] ppcls INFO: [Train][Epoch 89/100][Iter: 0/2]lr(LinearWarmup): 0.07867004, top1: 0.88312, CELoss: 0.58533, loss: 0.58533, batch\_cost: 3.73295s, reader\_cost: 3.21477, ips: 41.25423 samples/s, eta: 0:01:29

[2024/03/04 12:31:29] ppcls INFO: [Train][Epoch 89/100][Avg]top1: 0.90260, CELoss: 0.55397, loss: 0.55397

[2024/03/04 12:31:30] ppcls INFO: [Eval][Epoch 89][Iter: 0/10]CELoss: 0.33659, loss: 0.33659, top1: 0.93750, batch\_cost: 0.46108s, reader\_cost: 0.34646, ips: 34.70147 images/sec

[2024/03/04 12:31:33] ppcls INFO: [Eval][Epoch 89][Avg]CELoss: 0.32037, loss: 0.32037, top1: 0.91667

[2024/03/04 12:31:33] ppcls INFO: [Eval][Epoch 89][best metric: 0.9305555820465088]

[2024/03/04 12:31:37] ppcls INFO: [Train][Epoch 90/100][Iter: 0/2]lr(LinearWarmup): 0.07652150, top1: 0.90909, CELoss: 0.55799, loss: 0.55799, batch\_cost: 3.72923s, reader\_cost: 3.21161, ips: 41.29538 samples/s, eta: 0:01:22

[2024/03/04 12:31:51] ppcls INFO: [Train][Epoch 90/100][Avg]top1: 0.90909, CELoss: 0.57021, loss: 0.57021

[2024/03/04 12:31:51] ppcls INFO: [Eval][Epoch 90][Iter: 0/10]CELoss: 0.36117, loss: 0.36117, top1: 0.93750, batch\_cost: 0.41290s, reader\_cost: 0.29929, ips: 38.74999 images/sec

[2024/03/04 12:31:55] ppcls INFO: [Eval][Epoch 90][Avg]CELoss: 0.33172, loss: 0.33172, top1: 0.90972

[2024/03/04 12:31:55] ppcls INFO: [Eval][Epoch 90][best metric: 0.9305555820465088]

[2024/03/04 12:31:59] ppcls INFO: [Train][Epoch 91/100][Iter: 0/2]lr(LinearWarmup): 0.07438438, top1: 0.87013, CELoss: 0.60911, loss: 0.60911, batch\_cost: 3.72887s, reader\_cost: 3.21194, ips: 41.29943 samples/s, eta: 0:01:14

[2024/03/04 12:32:13] ppcls INFO: [Train][Epoch 91/100][Avg]top1: 0.88961, CELoss: 0.59951, loss: 0.59951

[2024/03/04 12:32:13] ppcls INFO: [Eval][Epoch 91][Iter: 0/10]CELoss: 0.34282, loss: 0.34282, top1: 0.93750, batch\_cost: 0.40367s, reader\_cost: 0.29005, ips: 39.63586 images/sec

[2024/03/04 12:32:17] ppcls INFO: [Eval][Epoch 91][Avg]CELoss: 0.31949, loss: 0.31949, top1: 0.90972

[2024/03/04 12:32:17] ppcls INFO: [Eval][Epoch 91][best metric: 0.9305555820465088]

[2024/03/04 12:32:21] ppcls INFO: [Train][Epoch 92/100][Iter: 0/2]lr(LinearWarmup): 0.07225971, top1: 0.85714, CELoss: 0.62258, loss: 0.62258, batch\_cost: 3.72857s, reader\_cost: 3.21151, ips: 41.30265 samples/s, eta: 0:01:07

[2024/03/04 12:32:35] ppcls INFO: [Train][Epoch 92/100][Avg]top1: 0.89286, CELoss: 0.57026, loss: 0.57026

[2024/03/04 12:32:35] ppcls INFO: [Eval][Epoch 92][Iter: 0/10]CELoss: 0.32630, loss: 0.32630, top1: 0.93750, batch\_cost: 0.41063s, reader\_cost: 0.29801, ips: 38.96427 images/sec

[2024/03/04 12:32:39] ppcls INFO: [Eval][Epoch 92][Avg]CELoss: 0.30298, loss: 0.30298, top1: 0.93056

[2024/03/04 12:32:39] ppcls INFO: [Eval][Epoch 92][best metric: 0.9305555820465088]

[2024/03/04 12:32:43] ppcls INFO: [Train][Epoch 93/100][Iter: 0/2]lr(LinearWarmup): 0.07014852, top1: 0.92857, CELoss: 0.51321, loss: 0.51321, batch\_cost: 3.72914s, reader\_cost: 3.21202, ips: 41.29640 samples/s, eta: 0:00:59

[2024/03/04 12:32:57] ppcls INFO: [Train][Epoch 93/100][Avg]top1: 0.92208, CELoss: 0.53497, loss: 0.53497

[2024/03/04 12:32:57] ppcls INFO: [Eval][Epoch 93][Iter: 0/10]CELoss: 0.31283, loss: 0.31283, top1: 0.87500, batch\_cost: 0.41312s, reader\_cost: 0.29950, ips: 38.72940 images/sec

[2024/03/04 12:33:01] ppcls INFO: [Eval][Epoch 93][Avg]CELoss: 0.28599, loss: 0.28599, top1: 0.93056

[2024/03/04 12:33:01] ppcls INFO: [Eval][Epoch 93][best metric: 0.9305555820465088]

[2024/03/04 12:33:05] ppcls INFO: [Train][Epoch 94/100][Iter: 0/2]lr(LinearWarmup): 0.06805184, top1: 0.88961, CELoss: 0.57876, loss: 0.57876, batch\_cost: 3.73153s, reader\_cost: 3.21524, ips: 41.26991 samples/s, eta: 0:00:52

[2024/03/04 12:33:19] ppcls INFO: [Train][Epoch 94/100][Avg]top1: 0.90584, CELoss: 0.55195, loss: 0.55195

[2024/03/04 12:33:19] ppcls INFO: [Eval][Epoch 94][Iter: 0/10]CELoss: 0.28559, loss: 0.28559, top1: 0.87500, batch\_cost: 0.42027s, reader\_cost: 0.30565, ips: 38.07118 images/sec

[2024/03/04 12:33:23] ppcls INFO: [Eval][Epoch 94][Avg]CELoss: 0.28353, loss: 0.28353, top1: 0.90972

[2024/03/04 12:33:23] ppcls INFO: [Eval][Epoch 94][best metric: 0.9305555820465088]

[2024/03/04 12:33:27] ppcls INFO: [Train][Epoch 95/100][Iter: 0/2]lr(LinearWarmup): 0.06597068, top1: 0.91558, CELoss: 0.52619, loss: 0.52619, batch\_cost: 3.73004s, reader\_cost: 3.21411, ips: 41.28639 samples/s, eta: 0:00:44

[2024/03/04 12:33:41] ppcls INFO: [Train][Epoch 95/100][Avg]top1: 0.91883, CELoss: 0.52895, loss: 0.52895

[2024/03/04 12:33:41] ppcls INFO: [Eval][Epoch 95][Iter: 0/10]CELoss: 0.27912, loss: 0.27912, top1: 0.81250, batch\_cost: 0.41952s, reader\_cost: 0.30491, ips: 38.13857 images/sec

[2024/03/04 12:33:45] ppcls INFO: [Eval][Epoch 95][Avg]CELoss: 0.29186, loss: 0.29186, top1: 0.89583

[2024/03/04 12:33:45] ppcls INFO: [Eval][Epoch 95][best metric: 0.9305555820465088]

[2024/03/04 12:33:49] ppcls INFO: [Train][Epoch 96/100][Iter: 0/2]lr(LinearWarmup): 0.06390607, top1: 0.91558, CELoss: 0.53719, loss: 0.53719, batch\_cost: 3.72981s, reader\_cost: 3.21419, ips: 41.28898 samples/s, eta: 0:00:37

[2024/03/04 12:34:03] ppcls INFO: [Train][Epoch 96/100][Avg]top1: 0.91883, CELoss: 0.53530, loss: 0.53530

[2024/03/04 12:34:03] ppcls INFO: [Eval][Epoch 96][Iter: 0/10]CELoss: 0.27675, loss: 0.27675, top1: 0.81250, batch\_cost: 0.41669s, reader\_cost: 0.30299, ips: 38.39806 images/sec

[2024/03/04 12:34:07] ppcls INFO: [Eval][Epoch 96][Avg]CELoss: 0.30266, loss: 0.30266, top1: 0.89583

[2024/03/04 12:34:07] ppcls INFO: [Eval][Epoch 96][best metric: 0.9305555820465088]

[2024/03/04 12:34:11] ppcls INFO: [Train][Epoch 97/100][Iter: 0/2]lr(LinearWarmup): 0.06185899, top1: 0.87662, CELoss: 0.59205, loss: 0.59205, batch\_cost: 3.73016s, reader\_cost: 3.21497, ips: 41.28509 samples/s, eta: 0:00:29

[2024/03/04 12:34:25] ppcls INFO: [Train][Epoch 97/100][Avg]top1: 0.91883, CELoss: 0.53436, loss: 0.53436

[2024/03/04 12:34:25] ppcls INFO: [Eval][Epoch 97][Iter: 0/10]CELoss: 0.29312, loss: 0.29312, top1: 0.81250, batch\_cost: 0.43953s, reader\_cost: 0.32491, ips: 36.40255 images/sec

[2024/03/04 12:34:29] ppcls INFO: [Eval][Epoch 97][Avg]CELoss: 0.30673, loss: 0.30673, top1: 0.91667

[2024/03/04 12:34:29] ppcls INFO: [Eval][Epoch 97][best metric: 0.9305555820465088]

[2024/03/04 12:34:35] ppcls INFO: [Train][Epoch 98/100][Iter: 0/2]lr(LinearWarmup): 0.05983046, top1: 0.81818, CELoss: 0.65523, loss: 0.65523, batch\_cost: 3.73694s, reader\_cost: 3.22109, ips: 41.21020 samples/s, eta: 0:00:22

[2024/03/04 12:34:48] ppcls INFO: [Train][Epoch 98/100][Avg]top1: 0.88312, CELoss: 0.55815, loss: 0.55815

[2024/03/04 12:34:49] ppcls INFO: [Eval][Epoch 98][Iter: 0/10]CELoss: 0.33659, loss: 0.33659, top1: 0.87500, batch\_cost: 0.40725s, reader\_cost: 0.29363, ips: 39.28791 images/sec

[2024/03/04 12:34:52] ppcls INFO: [Eval][Epoch 98][Avg]CELoss: 0.34178, loss: 0.34178, top1: 0.90972

[2024/03/04 12:34:52] ppcls INFO: [Eval][Epoch 98][best metric: 0.9305555820465088]

[2024/03/04 12:34:57] ppcls INFO: [Train][Epoch 99/100][Iter: 0/2]lr(LinearWarmup): 0.05782144, top1: 0.90260, CELoss: 0.57583, loss: 0.57583, batch\_cost: 3.73874s, reader\_cost: 3.22270, ips: 41.19033 samples/s, eta: 0:00:14

[2024/03/04 12:35:10] ppcls INFO: [Train][Epoch 99/100][Avg]top1: 0.90909, CELoss: 0.54592, loss: 0.54592

[2024/03/04 12:35:11] ppcls INFO: [Eval][Epoch 99][Iter: 0/10]CELoss: 0.33094, loss: 0.33094, top1: 0.93750, batch\_cost: 0.41530s, reader\_cost: 0.30068, ips: 38.52627 images/sec

[2024/03/04 12:35:14] ppcls INFO: [Eval][Epoch 99][Avg]CELoss: 0.34671, loss: 0.34671, top1: 0.89583

[2024/03/04 12:35:14] ppcls INFO: [Eval][Epoch 99][best metric: 0.9305555820465088]

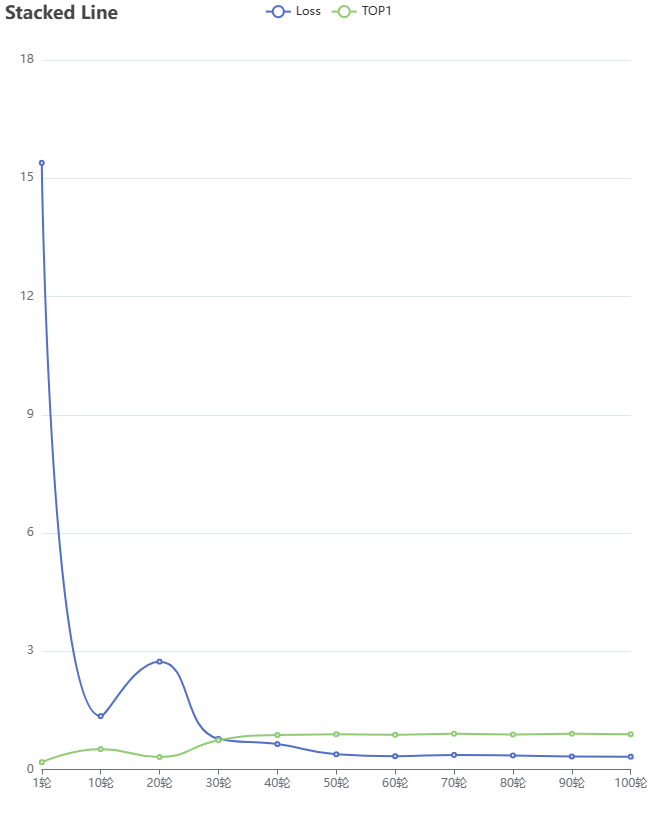
[2024/03/04 12:35:19] ppcls INFO: [Train][Epoch 100/100][Iter: 0/2]lr(LinearWarmup): 0.05583293, top1: 0.89610, CELoss: 0.54823, loss: 0.54823, batch\_cost: 3.74041s, reader\_cost: 3.22439, ips: 41.17193 samples/s, eta: 0:00:07

[2024/03/04 12:35:33] ppcls INFO: [Train][Epoch 100/100][Avg]top1: 0.90260, CELoss: 0.55048, loss: 0.55048

[2024/03/04 12:35:33] ppcls INFO: [Eval][Epoch 100][Iter: 0/10]CELoss: 0.27983, loss: 0.27983, top1: 0.93750, batch\_cost: 0.41262s, reader\_cost: 0.29900, ips: 38.77664 images/sec

[2024/03/04 12:35:37] ppcls INFO: [Eval][Epoch 100][Avg]CELoss: 0.32693, loss: 0.32693, top1: 0.89583

[2024/03/04 12:35:37] ppcls INFO: [Eval][Epoch 100][best metric: 0.9305555820465088]



##### 1.5.2.4 HG-Block + LDS Layer-0.5

[2024/03/04 13:44:26] ppcls INFO: [Train][Epoch 1/100][Iter: 0/4]lr(LinearWarmup): 0.03200000, CELoss: 1.50972, loss: 1.50972, batch\_cost: 7.47028s, reader\_cost: 4.32223, ips: 17.13456 samples/s, eta: 0:49:48

[2024/03/04 13:44:39] ppcls INFO: [Train][Epoch 1/100][Avg]CELoss: 2.02729, loss: 2.02729

[2024/03/04 13:44:46] ppcls WARNING: The output dims(4) is less than k(5), and the argument 5 of Topk has been removed.

[2024/03/04 13:44:46] ppcls INFO: [Eval][Epoch 1][Iter: 0/2]CELoss: 452050176.00000, loss: 452050176.00000, top1: 0.21875, batch\_cost: 7.18893s, reader\_cost: 6.57225, ips: 17.80516 images/sec

[2024/03/04 13:44:47] ppcls INFO: [Eval][Epoch 1][Avg]CELoss: 452050176.00000, loss: 452050176.00000, top1: 0.21875

[2024/03/04 13:44:48] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\best\_model

[2024/03/04 13:44:48] ppcls INFO: [Eval][Epoch 1][best metric: 0.21875]

[2024/03/04 13:44:49] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_1

[2024/03/04 13:44:50] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:44:54] ppcls INFO: [Train][Epoch 2/100][Iter: 0/4]lr(LinearWarmup): 0.16000000, CELoss: 1.86313, loss: 1.86313, batch\_cost: 4.62972s, reader\_cost: 3.36712, ips: 27.64745 samples/s, eta: 0:30:33

[2024/03/04 13:45:10] ppcls INFO: [Train][Epoch 2/100][Avg]CELoss: 2.10098, loss: 2.10098

[2024/03/04 13:45:17] ppcls INFO: [Eval][Epoch 2][Iter: 0/2]CELoss: 2783786810998784.00000, loss: 2783786810998784.00000, top1: 0.39844, batch\_cost: 7.15966s, reader\_cost: 6.51482, ips: 17.87794 images/sec

[2024/03/04 13:45:18] ppcls INFO: [Eval][Epoch 2][Avg]CELoss: 2783786810998784.00000, loss: 2783786810998784.00000, top1: 0.39844

[2024/03/04 13:45:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\best\_model

[2024/03/04 13:45:18] ppcls INFO: [Eval][Epoch 2][best metric: 0.3984375]

[2024/03/04 13:45:19] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_2

[2024/03/04 13:45:20] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:45:25] ppcls INFO: [Train][Epoch 3/100][Iter: 0/4]lr(LinearWarmup): 0.28800000, CELoss: 2.28350, loss: 2.28350, batch\_cost: 4.53196s, reader\_cost: 3.45258, ips: 28.24387 samples/s, eta: 0:29:36

[2024/03/04 13:45:40] ppcls INFO: [Train][Epoch 3/100][Avg]CELoss: 1.71465, loss: 1.71465

[2024/03/04 13:45:48] ppcls INFO: [Eval][Epoch 3][Iter: 0/2]CELoss: 31495479623680.00000, loss: 31495479623680.00000, top1: 0.39844, batch\_cost: 7.20672s, reader\_cost: 6.48912, ips: 17.76120 images/sec

[2024/03/04 13:45:48] ppcls INFO: [Eval][Epoch 3][Avg]CELoss: 31495479623680.00000, loss: 31495479623680.00000, top1: 0.39844

[2024/03/04 13:45:48] ppcls INFO: [Eval][Epoch 3][best metric: 0.3984375]

[2024/03/04 13:45:49] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_3

[2024/03/04 13:45:50] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:45:55] ppcls INFO: [Train][Epoch 4/100][Iter: 0/4]lr(LinearWarmup): 0.41600000, CELoss: 1.40287, loss: 1.40287, batch\_cost: 4.51499s, reader\_cost: 3.49885, ips: 28.34998 samples/s, eta: 0:29:11

[2024/03/04 13:46:10] ppcls INFO: [Train][Epoch 4/100][Avg]CELoss: 1.56400, loss: 1.56400

[2024/03/04 13:46:17] ppcls INFO: [Eval][Epoch 4][Iter: 0/2]CELoss: 408103124992.00000, loss: 408103124992.00000, top1: 0.29688, batch\_cost: 7.02067s, reader\_cost: 6.31404, ips: 18.23187 images/sec

[2024/03/04 13:46:17] ppcls INFO: [Eval][Epoch 4][Avg]CELoss: 408103124992.00000, loss: 408103124992.00000, top1: 0.29688

[2024/03/04 13:46:17] ppcls INFO: [Eval][Epoch 4][best metric: 0.3984375]

[2024/03/04 13:46:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_4

[2024/03/04 13:46:19] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:46:24] ppcls INFO: [Train][Epoch 5/100][Iter: 0/4]lr(LinearWarmup): 0.54400000, CELoss: 1.44505, loss: 1.44505, batch\_cost: 4.52256s, reader\_cost: 3.56102, ips: 28.30258 samples/s, eta: 0:28:56

[2024/03/04 13:46:40] ppcls INFO: [Train][Epoch 5/100][Avg]CELoss: 1.46507, loss: 1.46507

[2024/03/04 13:46:47] ppcls INFO: [Eval][Epoch 5][Iter: 0/2]CELoss: 2263394304.00000, loss: 2263394304.00000, top1: 0.29688, batch\_cost: 7.10988s, reader\_cost: 6.36578, ips: 18.00312 images/sec

[2024/03/04 13:46:47] ppcls INFO: [Eval][Epoch 5][Avg]CELoss: 2263394304.00000, loss: 2263394304.00000, top1: 0.29688

[2024/03/04 13:46:47] ppcls INFO: [Eval][Epoch 5][best metric: 0.3984375]

[2024/03/04 13:46:48] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_5

[2024/03/04 13:46:49] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:46:54] ppcls INFO: [Train][Epoch 6/100][Iter: 0/4]lr(LinearWarmup): 0.67200000, CELoss: 1.54257, loss: 1.54257, batch\_cost: 4.49770s, reader\_cost: 3.56196, ips: 28.45902 samples/s, eta: 0:28:29

[2024/03/04 13:47:09] ppcls INFO: [Train][Epoch 6/100][Avg]CELoss: 1.61133, loss: 1.61133

[2024/03/04 13:47:16] ppcls INFO: [Eval][Epoch 6][Iter: 0/2]CELoss: 159647872.00000, loss: 159647872.00000, top1: 0.08594, batch\_cost: 7.11175s, reader\_cost: 6.36603, ips: 17.99839 images/sec

[2024/03/04 13:47:17] ppcls INFO: [Eval][Epoch 6][Avg]CELoss: 159647872.00000, loss: 159647872.00000, top1: 0.08594

[2024/03/04 13:47:17] ppcls INFO: [Eval][Epoch 6][best metric: 0.3984375]

[2024/03/04 13:47:17] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_6

[2024/03/04 13:47:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:47:23] ppcls INFO: [Train][Epoch 7/100][Iter: 0/4]lr(LinearWarmup): 0.80000000, CELoss: 2.11669, loss: 2.11669, batch\_cost: 4.46705s, reader\_cost: 3.54186, ips: 28.65425 samples/s, eta: 0:27:59

[2024/03/04 13:47:39] ppcls INFO: [Train][Epoch 7/100][Avg]CELoss: 1.60307, loss: 1.60307

[2024/03/04 13:47:46] ppcls INFO: [Eval][Epoch 7][Iter: 0/2]CELoss: 293908.93750, loss: 293908.93750, top1: 0.39844, batch\_cost: 7.12944s, reader\_cost: 6.46466, ips: 17.95372 images/sec

[2024/03/04 13:47:46] ppcls INFO: [Eval][Epoch 7][Avg]CELoss: 293908.93750, loss: 293908.93750, top1: 0.39844

[2024/03/04 13:47:46] ppcls INFO: [Eval][Epoch 7][best metric: 0.3984375]

[2024/03/04 13:47:47] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_7

[2024/03/04 13:47:48] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:47:53] ppcls INFO: [Train][Epoch 8/100][Iter: 0/4]lr(LinearWarmup): 0.79986003, CELoss: 1.46496, loss: 1.46496, batch\_cost: 4.47831s, reader\_cost: 3.56537, ips: 28.58220 samples/s, eta: 0:27:45

[2024/03/04 13:48:09] ppcls INFO: [Train][Epoch 8/100][Avg]CELoss: 1.41864, loss: 1.41864

[2024/03/04 13:48:16] ppcls INFO: [Eval][Epoch 8][Iter: 0/2]CELoss: 20982.60547, loss: 20982.60547, top1: 0.21875, batch\_cost: 6.99013s, reader\_cost: 6.38892, ips: 18.31154 images/sec

[2024/03/04 13:48:16] ppcls INFO: [Eval][Epoch 8][Avg]CELoss: 20982.60547, loss: 20982.60547, top1: 0.21875

[2024/03/04 13:48:16] ppcls INFO: [Eval][Epoch 8][best metric: 0.3984375]

[2024/03/04 13:48:17] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_8

[2024/03/04 13:48:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:48:23] ppcls INFO: [Train][Epoch 9/100][Iter: 0/4]lr(LinearWarmup): 0.79944022, CELoss: 1.46337, loss: 1.46337, batch\_cost: 4.49884s, reader\_cost: 3.59354, ips: 28.45178 samples/s, eta: 0:27:35

[2024/03/04 13:48:38] ppcls INFO: [Train][Epoch 9/100][Avg]CELoss: 1.51277, loss: 1.51277

[2024/03/04 13:48:45] ppcls INFO: [Eval][Epoch 9][Iter: 0/2]CELoss: 1277.24390, loss: 1277.24390, top1: 0.08594, batch\_cost: 7.14380s, reader\_cost: 6.42921, ips: 17.91765 images/sec

[2024/03/04 13:48:45] ppcls INFO: [Eval][Epoch 9][Avg]CELoss: 1277.24390, loss: 1277.24390, top1: 0.08594

[2024/03/04 13:48:45] ppcls INFO: [Eval][Epoch 9][best metric: 0.3984375]

[2024/03/04 13:48:46] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_9

[2024/03/04 13:48:47] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:48:52] ppcls INFO: [Train][Epoch 10/100][Iter: 0/4]lr(LinearWarmup): 0.79874085, CELoss: 1.45343, loss: 1.45343, batch\_cost: 4.47859s, reader\_cost: 3.58146, ips: 28.58041 samples/s, eta: 0:27:10

[2024/03/04 13:49:07] ppcls INFO: [Train][Epoch 10/100][Avg]CELoss: 1.43099, loss: 1.43099

[2024/03/04 13:49:14] ppcls INFO: [Eval][Epoch 10][Iter: 0/2]CELoss: 579.97321, loss: 579.97321, top1: 0.28125, batch\_cost: 7.14135s, reader\_cost: 6.39335, ips: 17.92377 images/sec

[2024/03/04 13:49:14] ppcls INFO: [Eval][Epoch 10][Avg]CELoss: 579.97321, loss: 579.97321, top1: 0.28125

[2024/03/04 13:49:14] ppcls INFO: [Eval][Epoch 10][best metric: 0.3984375]

[2024/03/04 13:49:15] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_10

[2024/03/04 13:49:16] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:49:22] ppcls INFO: [Train][Epoch 11/100][Iter: 0/4]lr(LinearWarmup): 0.79776243, CELoss: 1.34950, loss: 1.34950, batch\_cost: 4.47809s, reader\_cost: 3.58803, ips: 28.58361 samples/s, eta: 0:26:52

[2024/03/04 13:49:36] ppcls INFO: [Train][Epoch 11/100][Avg]CELoss: 1.46919, loss: 1.46919

[2024/03/04 13:49:43] ppcls INFO: [Eval][Epoch 11][Iter: 0/2]CELoss: 13.77442, loss: 13.77442, top1: 0.39844, batch\_cost: 7.03506s, reader\_cost: 6.39549, ips: 18.19458 images/sec

[2024/03/04 13:49:44] ppcls INFO: [Eval][Epoch 11][Avg]CELoss: 13.77442, loss: 13.77442, top1: 0.39844

[2024/03/04 13:49:44] ppcls INFO: [Eval][Epoch 11][best metric: 0.3984375]

[2024/03/04 13:49:45] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_11

[2024/03/04 13:49:46] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:49:50] ppcls INFO: [Train][Epoch 12/100][Iter: 0/4]lr(LinearWarmup): 0.79650563, CELoss: 1.35673, loss: 1.35673, batch\_cost: 4.45665s, reader\_cost: 3.57459, ips: 28.72112 samples/s, eta: 0:26:26

[2024/03/04 13:50:13] ppcls INFO: [Train][Epoch 12/100][Avg]CELoss: 1.35555, loss: 1.35555

[2024/03/04 13:50:26] ppcls INFO: [Eval][Epoch 12][Iter: 0/2]CELoss: 13.32374, loss: 13.32374, top1: 0.27344, batch\_cost: 13.15825s, reader\_cost: 12.37401, ips: 9.72773 images/sec

[2024/03/04 13:50:27] ppcls INFO: [Eval][Epoch 12][Avg]CELoss: 13.32374, loss: 13.32374, top1: 0.27344

[2024/03/04 13:50:27] ppcls INFO: [Eval][Epoch 12][best metric: 0.3984375]

[2024/03/04 13:50:29] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_12

[2024/03/04 13:50:30] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:50:36] ppcls INFO: [Train][Epoch 13/100][Iter: 0/4]lr(LinearWarmup): 0.79497133, CELoss: 1.29731, loss: 1.29731, batch\_cost: 4.57332s, reader\_cost: 3.69635, ips: 27.98841 samples/s, eta: 0:26:49

[2024/03/04 13:50:51] ppcls INFO: [Train][Epoch 13/100][Avg]CELoss: 1.33285, loss: 1.33285

[2024/03/04 13:50:58] ppcls INFO: [Eval][Epoch 13][Iter: 0/2]CELoss: 1.34611, loss: 1.34611, top1: 0.28125, batch\_cost: 7.04106s, reader\_cost: 6.41836, ips: 18.17909 images/sec

[2024/03/04 13:50:59] ppcls INFO: [Eval][Epoch 13][Avg]CELoss: 1.34611, loss: 1.34611, top1: 0.28125

[2024/03/04 13:50:59] ppcls INFO: [Eval][Epoch 13][best metric: 0.3984375]

[2024/03/04 13:51:00] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_13

[2024/03/04 13:51:01] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:51:05] ppcls INFO: [Train][Epoch 14/100][Iter: 0/4]lr(LinearWarmup): 0.79316061, CELoss: 1.30805, loss: 1.30805, batch\_cost: 4.56536s, reader\_cost: 3.68908, ips: 28.03719 samples/s, eta: 0:26:28

[2024/03/04 13:51:21] ppcls INFO: [Train][Epoch 14/100][Avg]CELoss: 1.31053, loss: 1.31053

[2024/03/04 13:51:28] ppcls INFO: [Eval][Epoch 14][Iter: 0/2]CELoss: 1.28131, loss: 1.28131, top1: 0.35156, batch\_cost: 7.13689s, reader\_cost: 6.39936, ips: 17.93497 images/sec

[2024/03/04 13:51:28] ppcls INFO: [Eval][Epoch 14][Avg]CELoss: 1.28131, loss: 1.28131, top1: 0.35156

[2024/03/04 13:51:28] ppcls INFO: [Eval][Epoch 14][best metric: 0.3984375]

[2024/03/04 13:51:29] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_14

[2024/03/04 13:51:30] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:51:34] ppcls INFO: [Train][Epoch 15/100][Iter: 0/4]lr(LinearWarmup): 0.79107474, CELoss: 1.31353, loss: 1.31353, batch\_cost: 4.54582s, reader\_cost: 3.67124, ips: 28.15771 samples/s, eta: 0:26:03

[2024/03/04 13:51:49] ppcls INFO: [Train][Epoch 15/100][Avg]CELoss: 1.28020, loss: 1.28020

[2024/03/04 13:51:56] ppcls INFO: [Eval][Epoch 15][Iter: 0/2]CELoss: 1.52582, loss: 1.52582, top1: 0.32031, batch\_cost: 7.12827s, reader\_cost: 6.38671, ips: 17.95668 images/sec

[2024/03/04 13:51:57] ppcls INFO: [Eval][Epoch 15][Avg]CELoss: 1.52582, loss: 1.52582, top1: 0.32031

[2024/03/04 13:51:57] ppcls INFO: [Eval][Epoch 15][best metric: 0.3984375]

[2024/03/04 13:51:58] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_15

[2024/03/04 13:51:58] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:52:03] ppcls INFO: [Train][Epoch 16/100][Iter: 0/4]lr(LinearWarmup): 0.78871518, CELoss: 1.41430, loss: 1.41430, batch\_cost: 4.53477s, reader\_cost: 3.66183, ips: 28.22636 samples/s, eta: 0:25:41

[2024/03/04 13:52:19] ppcls INFO: [Train][Epoch 16/100][Avg]CELoss: 1.37621, loss: 1.37621

[2024/03/04 13:52:26] ppcls INFO: [Eval][Epoch 16][Iter: 0/2]CELoss: 1.59105, loss: 1.59105, top1: 0.24219, batch\_cost: 7.07388s, reader\_cost: 6.37843, ips: 18.09474 images/sec

[2024/03/04 13:52:26] ppcls INFO: [Eval][Epoch 16][Avg]CELoss: 1.59105, loss: 1.59105, top1: 0.24219

[2024/03/04 13:52:26] ppcls INFO: [Eval][Epoch 16][best metric: 0.3984375]

[2024/03/04 13:52:27] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_16

[2024/03/04 13:52:28] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:52:33] ppcls INFO: [Train][Epoch 17/100][Iter: 0/4]lr(LinearWarmup): 0.78608356, CELoss: 1.36746, loss: 1.36746, batch\_cost: 4.53112s, reader\_cost: 3.65914, ips: 28.24907 samples/s, eta: 0:25:22

[2024/03/04 13:52:48] ppcls INFO: [Train][Epoch 17/100][Avg]CELoss: 1.35140, loss: 1.35140

[2024/03/04 13:52:55] ppcls INFO: [Eval][Epoch 17][Iter: 0/2]CELoss: 1.32012, loss: 1.32012, top1: 0.27344, batch\_cost: 7.00113s, reader\_cost: 6.35457, ips: 18.28277 images/sec

[2024/03/04 13:52:56] ppcls INFO: [Eval][Epoch 17][Avg]CELoss: 1.32012, loss: 1.32012, top1: 0.27344

[2024/03/04 13:52:56] ppcls INFO: [Eval][Epoch 17][best metric: 0.3984375]

[2024/03/04 13:52:56] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_17

[2024/03/04 13:52:57] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:53:03] ppcls INFO: [Train][Epoch 18/100][Iter: 0/4]lr(LinearWarmup): 0.78318175, CELoss: 1.32953, loss: 1.32953, batch\_cost: 4.53228s, reader\_cost: 3.66265, ips: 28.24186 samples/s, eta: 0:25:04

[2024/03/04 13:53:17] ppcls INFO: [Train][Epoch 18/100][Avg]CELoss: 1.31910, loss: 1.31910

[2024/03/04 13:53:24] ppcls INFO: [Eval][Epoch 18][Iter: 0/2]CELoss: 1.42058, loss: 1.42058, top1: 0.28906, batch\_cost: 7.02642s, reader\_cost: 6.30882, ips: 18.21697 images/sec

[2024/03/04 13:53:24] ppcls INFO: [Eval][Epoch 18][Avg]CELoss: 1.42058, loss: 1.42058, top1: 0.28906

[2024/03/04 13:53:24] ppcls INFO: [Eval][Epoch 18][best metric: 0.3984375]

[2024/03/04 13:53:26] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_18

[2024/03/04 13:53:26] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:53:31] ppcls INFO: [Train][Epoch 19/100][Iter: 0/4]lr(LinearWarmup): 0.78001177, CELoss: 1.36110, loss: 1.36110, batch\_cost: 4.51032s, reader\_cost: 3.64212, ips: 28.37933 samples/s, eta: 0:24:39

[2024/03/04 13:53:47] ppcls INFO: [Train][Epoch 19/100][Avg]CELoss: 1.34375, loss: 1.34375

[2024/03/04 13:53:54] ppcls INFO: [Eval][Epoch 19][Iter: 0/2]CELoss: 1.20851, loss: 1.20851, top1: 0.44531, batch\_cost: 6.95885s, reader\_cost: 6.32845, ips: 18.39385 images/sec

[2024/03/04 13:53:54] ppcls INFO: [Eval][Epoch 19][Avg]CELoss: 1.20851, loss: 1.20851, top1: 0.44531

[2024/03/04 13:53:55] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\best\_model

[2024/03/04 13:53:55] ppcls INFO: [Eval][Epoch 19][best metric: 0.4453125]

[2024/03/04 13:53:56] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_19

[2024/03/04 13:53:57] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:54:02] ppcls INFO: [Train][Epoch 20/100][Iter: 0/4]lr(LinearWarmup): 0.77657583, CELoss: 1.38508, loss: 1.38508, batch\_cost: 4.50613s, reader\_cost: 3.63856, ips: 28.40577 samples/s, eta: 0:24:19

[2024/03/04 13:54:17] ppcls INFO: [Train][Epoch 20/100][Avg]CELoss: 1.34158, loss: 1.34158

[2024/03/04 13:54:24] ppcls INFO: [Eval][Epoch 20][Iter: 0/2]CELoss: 1.11943, loss: 1.11943, top1: 0.61719, batch\_cost: 6.98811s, reader\_cost: 6.36918, ips: 18.31682 images/sec

[2024/03/04 13:54:24] ppcls INFO: [Eval][Epoch 20][Avg]CELoss: 1.11943, loss: 1.11943, top1: 0.61719

[2024/03/04 13:54:25] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\best\_model

[2024/03/04 13:54:25] ppcls INFO: [Eval][Epoch 20][best metric: 0.6171875]

[2024/03/04 13:54:26] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_20

[2024/03/04 13:54:27] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:54:33] ppcls INFO: [Train][Epoch 21/100][Iter: 0/4]lr(LinearWarmup): 0.77287635, CELoss: 1.24679, loss: 1.24679, batch\_cost: 4.49912s, reader\_cost: 3.63280, ips: 28.45001 samples/s, eta: 0:23:59

[2024/03/04 13:54:48] ppcls INFO: [Train][Epoch 21/100][Avg]CELoss: 1.33459, loss: 1.33459

[2024/03/04 13:54:55] ppcls INFO: [Eval][Epoch 21][Iter: 0/2]CELoss: 1.32646, loss: 1.32646, top1: 0.37500, batch\_cost: 7.05377s, reader\_cost: 6.41506, ips: 18.14631 images/sec

[2024/03/04 13:54:55] ppcls INFO: [Eval][Epoch 21][Avg]CELoss: 1.32646, loss: 1.32646, top1: 0.37500

[2024/03/04 13:54:55] ppcls INFO: [Eval][Epoch 21][best metric: 0.6171875]

[2024/03/04 13:54:56] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_21

[2024/03/04 13:54:57] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:55:02] ppcls INFO: [Train][Epoch 22/100][Iter: 0/4]lr(LinearWarmup): 0.76891590, CELoss: 1.22930, loss: 1.22930, batch\_cost: 4.49506s, reader\_cost: 3.62645, ips: 28.47571 samples/s, eta: 0:23:40

[2024/03/04 13:55:17] ppcls INFO: [Train][Epoch 22/100][Avg]CELoss: 1.26736, loss: 1.26736

[2024/03/04 13:55:24] ppcls INFO: [Eval][Epoch 22][Iter: 0/2]CELoss: 1.08351, loss: 1.08351, top1: 0.58594, batch\_cost: 7.05562s, reader\_cost: 6.40778, ips: 18.14158 images/sec

[2024/03/04 13:55:24] ppcls INFO: [Eval][Epoch 22][Avg]CELoss: 1.08351, loss: 1.08351, top1: 0.58594

[2024/03/04 13:55:24] ppcls INFO: [Eval][Epoch 22][best metric: 0.6171875]

[2024/03/04 13:55:25] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_22

[2024/03/04 13:55:26] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:55:31] ppcls INFO: [Train][Epoch 23/100][Iter: 0/4]lr(LinearWarmup): 0.76469727, CELoss: 1.20330, loss: 1.20330, batch\_cost: 4.49110s, reader\_cost: 3.62352, ips: 28.50083 samples/s, eta: 0:23:21

[2024/03/04 13:55:46] ppcls INFO: [Train][Epoch 23/100][Avg]CELoss: 1.27171, loss: 1.27171

[2024/03/04 13:55:53] ppcls INFO: [Eval][Epoch 23][Iter: 0/2]CELoss: 1.06564, loss: 1.06564, top1: 0.56250, batch\_cost: 7.14181s, reader\_cost: 6.39834, ips: 17.92264 images/sec

[2024/03/04 13:55:53] ppcls INFO: [Eval][Epoch 23][Avg]CELoss: 1.06564, loss: 1.06564, top1: 0.56250

[2024/03/04 13:55:53] ppcls INFO: [Eval][Epoch 23][best metric: 0.6171875]

[2024/03/04 13:55:54] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_23

[2024/03/04 13:55:55] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:56:00] ppcls INFO: [Train][Epoch 24/100][Iter: 0/4]lr(LinearWarmup): 0.76022341, CELoss: 1.32721, loss: 1.32721, batch\_cost: 4.48131s, reader\_cost: 3.61309, ips: 28.56311 samples/s, eta: 0:23:00

[2024/03/04 13:56:15] ppcls INFO: [Train][Epoch 24/100][Avg]CELoss: 1.31284, loss: 1.31284

[2024/03/04 13:56:22] ppcls INFO: [Eval][Epoch 24][Iter: 0/2]CELoss: 1.38568, loss: 1.38568, top1: 0.29688, batch\_cost: 7.10907s, reader\_cost: 6.36156, ips: 18.00518 images/sec

[2024/03/04 13:56:22] ppcls INFO: [Eval][Epoch 24][Avg]CELoss: 1.38568, loss: 1.38568, top1: 0.29688

[2024/03/04 13:56:22] ppcls INFO: [Eval][Epoch 24][best metric: 0.6171875]

[2024/03/04 13:56:23] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_24

[2024/03/04 13:56:24] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:56:30] ppcls INFO: [Train][Epoch 25/100][Iter: 0/4]lr(LinearWarmup): 0.75549744, CELoss: 1.29611, loss: 1.29611, batch\_cost: 4.48660s, reader\_cost: 3.62003, ips: 28.52940 samples/s, eta: 0:22:43

[2024/03/04 13:56:44] ppcls INFO: [Train][Epoch 25/100][Avg]CELoss: 1.28301, loss: 1.28301

[2024/03/04 13:56:51] ppcls INFO: [Eval][Epoch 25][Iter: 0/2]CELoss: 1.49308, loss: 1.49308, top1: 0.28906, batch\_cost: 7.00945s, reader\_cost: 6.39898, ips: 18.26107 images/sec

[2024/03/04 13:56:52] ppcls INFO: [Eval][Epoch 25][Avg]CELoss: 1.49308, loss: 1.49308, top1: 0.28906

[2024/03/04 13:56:52] ppcls INFO: [Eval][Epoch 25][best metric: 0.6171875]

[2024/03/04 13:56:53] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_25

[2024/03/04 13:56:54] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:56:59] ppcls INFO: [Train][Epoch 26/100][Iter: 0/4]lr(LinearWarmup): 0.75052267, CELoss: 1.32256, loss: 1.32256, batch\_cost: 4.48230s, reader\_cost: 3.61740, ips: 28.55680 samples/s, eta: 0:22:24

[2024/03/04 13:57:14] ppcls INFO: [Train][Epoch 26/100][Avg]CELoss: 1.26295, loss: 1.26295

[2024/03/04 13:57:21] ppcls INFO: [Eval][Epoch 26][Iter: 0/2]CELoss: 1.67120, loss: 1.67120, top1: 0.29688, batch\_cost: 7.06937s, reader\_cost: 6.37767, ips: 18.10629 images/sec

[2024/03/04 13:57:21] ppcls INFO: [Eval][Epoch 26][Avg]CELoss: 1.67120, loss: 1.67120, top1: 0.29688

[2024/03/04 13:57:21] ppcls INFO: [Eval][Epoch 26][best metric: 0.6171875]

[2024/03/04 13:57:22] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_26

[2024/03/04 13:57:23] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:57:28] ppcls INFO: [Train][Epoch 27/100][Iter: 0/4]lr(LinearWarmup): 0.74530259, CELoss: 1.35203, loss: 1.35203, batch\_cost: 4.47438s, reader\_cost: 3.61039, ips: 28.60733 samples/s, eta: 0:22:04

[2024/03/04 13:57:43] ppcls INFO: [Train][Epoch 27/100][Avg]CELoss: 1.30554, loss: 1.30554

[2024/03/04 13:57:50] ppcls INFO: [Eval][Epoch 27][Iter: 0/2]CELoss: 1.12654, loss: 1.12654, top1: 0.46875, batch\_cost: 6.96511s, reader\_cost: 6.37284, ips: 18.37732 images/sec

[2024/03/04 13:57:50] ppcls INFO: [Eval][Epoch 27][Avg]CELoss: 1.12654, loss: 1.12654, top1: 0.46875

[2024/03/04 13:57:50] ppcls INFO: [Eval][Epoch 27][best metric: 0.6171875]

[2024/03/04 13:57:51] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_27

[2024/03/04 13:57:52] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:57:57] ppcls INFO: [Train][Epoch 28/100][Iter: 0/4]lr(LinearWarmup): 0.73984085, CELoss: 1.29113, loss: 1.29113, batch\_cost: 4.47060s, reader\_cost: 3.60736, ips: 28.63153 samples/s, eta: 0:21:45

[2024/03/04 13:58:13] ppcls INFO: [Train][Epoch 28/100][Avg]CELoss: 1.24925, loss: 1.24925

[2024/03/04 13:58:20] ppcls INFO: [Eval][Epoch 28][Iter: 0/2]CELoss: 0.99074, loss: 0.99074, top1: 0.66406, batch\_cost: 7.12947s, reader\_cost: 6.38017, ips: 17.95365 images/sec

[2024/03/04 13:58:20] ppcls INFO: [Eval][Epoch 28][Avg]CELoss: 0.99074, loss: 0.99074, top1: 0.66406

[2024/03/04 13:58:21] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\best\_model

[2024/03/04 13:58:21] ppcls INFO: [Eval][Epoch 28][best metric: 0.6640625]

[2024/03/04 13:58:22] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_28

[2024/03/04 13:58:23] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:58:28] ppcls INFO: [Train][Epoch 29/100][Iter: 0/4]lr(LinearWarmup): 0.73414127, CELoss: 1.26074, loss: 1.26074, batch\_cost: 4.47632s, reader\_cost: 3.61294, ips: 28.59492 samples/s, eta: 0:21:29

[2024/03/04 13:58:43] ppcls INFO: [Train][Epoch 29/100][Avg]CELoss: 1.30039, loss: 1.30039

[2024/03/04 13:58:50] ppcls INFO: [Eval][Epoch 29][Iter: 0/2]CELoss: 1.25238, loss: 1.25238, top1: 0.46094, batch\_cost: 6.99114s, reader\_cost: 6.35028, ips: 18.30889 images/sec

[2024/03/04 13:58:50] ppcls INFO: [Eval][Epoch 29][Avg]CELoss: 1.25238, loss: 1.25238, top1: 0.46094

[2024/03/04 13:58:50] ppcls INFO: [Eval][Epoch 29][best metric: 0.6640625]

[2024/03/04 13:58:51] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_29

[2024/03/04 13:58:52] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:58:57] ppcls INFO: [Train][Epoch 30/100][Iter: 0/4]lr(LinearWarmup): 0.72820784, CELoss: 1.26723, loss: 1.26723, batch\_cost: 4.46718s, reader\_cost: 3.60558, ips: 28.65343 samples/s, eta: 0:21:08

[2024/03/04 13:59:13] ppcls INFO: [Train][Epoch 30/100][Avg]CELoss: 1.25763, loss: 1.25763

[2024/03/04 13:59:20] ppcls INFO: [Eval][Epoch 30][Iter: 0/2]CELoss: 0.84425, loss: 0.84425, top1: 0.64844, batch\_cost: 7.15857s, reader\_cost: 6.40637, ips: 17.88067 images/sec

[2024/03/04 13:59:20] ppcls INFO: [Eval][Epoch 30][Avg]CELoss: 0.84425, loss: 0.84425, top1: 0.64844

[2024/03/04 13:59:20] ppcls INFO: [Eval][Epoch 30][best metric: 0.6640625]

[2024/03/04 13:59:21] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_30

[2024/03/04 13:59:22] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:59:27] ppcls INFO: [Train][Epoch 31/100][Iter: 0/4]lr(LinearWarmup): 0.72204472, CELoss: 1.30273, loss: 1.30273, batch\_cost: 4.47848s, reader\_cost: 3.61745, ips: 28.58115 samples/s, eta: 0:20:53

[2024/03/04 13:59:42] ppcls INFO: [Train][Epoch 31/100][Avg]CELoss: 1.33112, loss: 1.33112

[2024/03/04 13:59:49] ppcls INFO: [Eval][Epoch 31][Iter: 0/2]CELoss: 2.15410, loss: 2.15410, top1: 0.26562, batch\_cost: 7.14486s, reader\_cost: 6.38041, ips: 17.91498 images/sec

[2024/03/04 13:59:49] ppcls INFO: [Eval][Epoch 31][Avg]CELoss: 2.15410, loss: 2.15410, top1: 0.26562

[2024/03/04 13:59:49] ppcls INFO: [Eval][Epoch 31][best metric: 0.6640625]

[2024/03/04 13:59:50] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_31

[2024/03/04 13:59:51] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 13:59:56] ppcls INFO: [Train][Epoch 32/100][Iter: 0/4]lr(LinearWarmup): 0.71565620, CELoss: 1.19504, loss: 1.19504, batch\_cost: 4.47734s, reader\_cost: 3.61585, ips: 28.58843 samples/s, eta: 0:20:35

[2024/03/04 14:00:12] ppcls INFO: [Train][Epoch 32/100][Avg]CELoss: 1.26535, loss: 1.26535

[2024/03/04 14:00:19] ppcls INFO: [Eval][Epoch 32][Iter: 0/2]CELoss: 1.13495, loss: 1.13495, top1: 0.60156, batch\_cost: 7.15146s, reader\_cost: 6.40595, ips: 17.89843 images/sec

[2024/03/04 14:00:19] ppcls INFO: [Eval][Epoch 32][Avg]CELoss: 1.13495, loss: 1.13495, top1: 0.60156

[2024/03/04 14:00:19] ppcls INFO: [Eval][Epoch 32][best metric: 0.6640625]

[2024/03/04 14:00:20] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_32

[2024/03/04 14:00:21] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:00:25] ppcls INFO: [Train][Epoch 33/100][Iter: 0/4]lr(LinearWarmup): 0.70904678, CELoss: 1.28159, loss: 1.28159, batch\_cost: 4.47334s, reader\_cost: 3.61332, ips: 28.61398 samples/s, eta: 0:20:16

[2024/03/04 14:00:41] ppcls INFO: [Train][Epoch 33/100][Avg]CELoss: 1.28734, loss: 1.28734

[2024/03/04 14:00:48] ppcls INFO: [Eval][Epoch 33][Iter: 0/2]CELoss: 1.33253, loss: 1.33253, top1: 0.46875, batch\_cost: 7.15332s, reader\_cost: 6.39286, ips: 17.89379 images/sec

[2024/03/04 14:00:48] ppcls INFO: [Eval][Epoch 33][Avg]CELoss: 1.33253, loss: 1.33253, top1: 0.46875

[2024/03/04 14:00:48] ppcls INFO: [Eval][Epoch 33][best metric: 0.6640625]

[2024/03/04 14:00:49] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_33

[2024/03/04 14:00:50] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:00:54] ppcls INFO: [Train][Epoch 34/100][Iter: 0/4]lr(LinearWarmup): 0.70222107, CELoss: 1.20355, loss: 1.20355, batch\_cost: 4.46905s, reader\_cost: 3.61049, ips: 28.64142 samples/s, eta: 0:19:57

[2024/03/04 14:01:10] ppcls INFO: [Train][Epoch 34/100][Avg]CELoss: 1.25066, loss: 1.25066

[2024/03/04 14:01:17] ppcls INFO: [Eval][Epoch 34][Iter: 0/2]CELoss: 1.77731, loss: 1.77731, top1: 0.46875, batch\_cost: 7.14869s, reader\_cost: 6.43932, ips: 17.90537 images/sec

[2024/03/04 14:01:17] ppcls INFO: [Eval][Epoch 34][Avg]CELoss: 1.77731, loss: 1.77731, top1: 0.46875

[2024/03/04 14:01:17] ppcls INFO: [Eval][Epoch 34][best metric: 0.6640625]

[2024/03/04 14:01:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_34

[2024/03/04 14:01:19] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:01:24] ppcls INFO: [Train][Epoch 35/100][Iter: 0/4]lr(LinearWarmup): 0.69518385, CELoss: 1.25332, loss: 1.25332, batch\_cost: 4.46566s, reader\_cost: 3.60657, ips: 28.66319 samples/s, eta: 0:19:38

[2024/03/04 14:01:40] ppcls INFO: [Train][Epoch 35/100][Avg]CELoss: 1.27463, loss: 1.27463

[2024/03/04 14:01:47] ppcls INFO: [Eval][Epoch 35][Iter: 0/2]CELoss: 1.81259, loss: 1.81259, top1: 0.46094, batch\_cost: 7.07254s, reader\_cost: 6.38763, ips: 18.09816 images/sec

[2024/03/04 14:01:47] ppcls INFO: [Eval][Epoch 35][Avg]CELoss: 1.81259, loss: 1.81259, top1: 0.46094

[2024/03/04 14:01:47] ppcls INFO: [Eval][Epoch 35][best metric: 0.6640625]

[2024/03/04 14:01:48] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_35

[2024/03/04 14:01:49] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:01:54] ppcls INFO: [Train][Epoch 36/100][Iter: 0/4]lr(LinearWarmup): 0.68794004, CELoss: 1.29262, loss: 1.29262, batch\_cost: 4.47062s, reader\_cost: 3.61281, ips: 28.63137 samples/s, eta: 0:19:22

[2024/03/04 14:02:10] ppcls INFO: [Train][Epoch 36/100][Avg]CELoss: 1.23484, loss: 1.23484

[2024/03/04 14:02:17] ppcls INFO: [Eval][Epoch 36][Iter: 0/2]CELoss: 2.05958, loss: 2.05958, top1: 0.46875, batch\_cost: 7.25874s, reader\_cost: 6.53531, ips: 17.63390 images/sec

[2024/03/04 14:02:18] ppcls INFO: [Eval][Epoch 36][Avg]CELoss: 2.05958, loss: 2.05958, top1: 0.46875

[2024/03/04 14:02:18] ppcls INFO: [Eval][Epoch 36][best metric: 0.6640625]

[2024/03/04 14:02:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_36

[2024/03/04 14:02:19] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:02:24] ppcls INFO: [Train][Epoch 37/100][Iter: 0/4]lr(LinearWarmup): 0.68049471, CELoss: 1.35209, loss: 1.35209, batch\_cost: 4.47479s, reader\_cost: 3.61803, ips: 28.60470 samples/s, eta: 0:19:05

[2024/03/04 14:02:41] ppcls INFO: [Train][Epoch 37/100][Avg]CELoss: 1.28881, loss: 1.28881

[2024/03/04 14:02:48] ppcls INFO: [Eval][Epoch 37][Iter: 0/2]CELoss: 1.15880, loss: 1.15880, top1: 0.55469, batch\_cost: 7.22167s, reader\_cost: 6.55391, ips: 17.72442 images/sec

[2024/03/04 14:02:48] ppcls INFO: [Eval][Epoch 37][Avg]CELoss: 1.15880, loss: 1.15880, top1: 0.55469

[2024/03/04 14:02:48] ppcls INFO: [Eval][Epoch 37][best metric: 0.6640625]

[2024/03/04 14:02:49] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_37

[2024/03/04 14:02:50] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:02:55] ppcls INFO: [Train][Epoch 38/100][Iter: 0/4]lr(LinearWarmup): 0.67285308, CELoss: 1.29933, loss: 1.29933, batch\_cost: 4.47948s, reader\_cost: 3.62321, ips: 28.57477 samples/s, eta: 0:18:48

[2024/03/04 14:03:11] ppcls INFO: [Train][Epoch 38/100][Avg]CELoss: 1.32229, loss: 1.32229

[2024/03/04 14:03:18] ppcls INFO: [Eval][Epoch 38][Iter: 0/2]CELoss: 1.12550, loss: 1.12550, top1: 0.58594, batch\_cost: 7.25054s, reader\_cost: 6.53293, ips: 17.65385 images/sec

[2024/03/04 14:03:18] ppcls INFO: [Eval][Epoch 38][Avg]CELoss: 1.12550, loss: 1.12550, top1: 0.58594

[2024/03/04 14:03:18] ppcls INFO: [Eval][Epoch 38][best metric: 0.6640625]

[2024/03/04 14:03:19] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_38

[2024/03/04 14:03:20] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:03:25] ppcls INFO: [Train][Epoch 39/100][Iter: 0/4]lr(LinearWarmup): 0.66502050, CELoss: 1.27906, loss: 1.27906, batch\_cost: 4.47748s, reader\_cost: 3.62113, ips: 28.58749 samples/s, eta: 0:18:30

[2024/03/04 14:03:40] ppcls INFO: [Train][Epoch 39/100][Avg]CELoss: 1.24406, loss: 1.24406

[2024/03/04 14:03:48] ppcls INFO: [Eval][Epoch 39][Iter: 0/2]CELoss: 1.21159, loss: 1.21159, top1: 0.50000, batch\_cost: 7.30654s, reader\_cost: 6.53113, ips: 17.51855 images/sec

[2024/03/04 14:03:48] ppcls INFO: [Eval][Epoch 39][Avg]CELoss: 1.21159, loss: 1.21159, top1: 0.50000

[2024/03/04 14:03:48] ppcls INFO: [Eval][Epoch 39][best metric: 0.6640625]

[2024/03/04 14:03:49] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_39

[2024/03/04 14:03:50] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:03:54] ppcls INFO: [Train][Epoch 40/100][Iter: 0/4]lr(LinearWarmup): 0.65700244, CELoss: 1.31946, loss: 1.31946, batch\_cost: 4.47620s, reader\_cost: 3.61983, ips: 28.59565 samples/s, eta: 0:18:12

[2024/03/04 14:04:10] ppcls INFO: [Train][Epoch 40/100][Avg]CELoss: 1.28782, loss: 1.28782

[2024/03/04 14:04:17] ppcls INFO: [Eval][Epoch 40][Iter: 0/2]CELoss: 1.34938, loss: 1.34938, top1: 0.30469, batch\_cost: 7.18459s, reader\_cost: 6.51682, ips: 17.81591 images/sec

[2024/03/04 14:04:18] ppcls INFO: [Eval][Epoch 40][Avg]CELoss: 1.34938, loss: 1.34938, top1: 0.30469

[2024/03/04 14:04:18] ppcls INFO: [Eval][Epoch 40][best metric: 0.6640625]

[2024/03/04 14:04:19] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_40

[2024/03/04 14:04:20] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:04:25] ppcls INFO: [Train][Epoch 41/100][Iter: 0/4]lr(LinearWarmup): 0.64880451, CELoss: 1.15872, loss: 1.15872, batch\_cost: 4.48196s, reader\_cost: 3.62604, ips: 28.55896 samples/s, eta: 0:17:55

[2024/03/04 14:04:40] ppcls INFO: [Train][Epoch 41/100][Avg]CELoss: 1.25162, loss: 1.25162

[2024/03/04 14:04:47] ppcls INFO: [Eval][Epoch 41][Iter: 0/2]CELoss: 1.76674, loss: 1.76674, top1: 0.29688, batch\_cost: 7.24649s, reader\_cost: 6.51992, ips: 17.66372 images/sec

[2024/03/04 14:04:48] ppcls INFO: [Eval][Epoch 41][Avg]CELoss: 1.76674, loss: 1.76674, top1: 0.29688

[2024/03/04 14:04:48] ppcls INFO: [Eval][Epoch 41][best metric: 0.6640625]

[2024/03/04 14:04:49] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_41

[2024/03/04 14:04:49] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:04:54] ppcls INFO: [Train][Epoch 42/100][Iter: 0/4]lr(LinearWarmup): 0.64043246, CELoss: 1.34306, loss: 1.34306, batch\_cost: 4.48151s, reader\_cost: 3.62517, ips: 28.56183 samples/s, eta: 0:17:37

[2024/03/04 14:05:10] ppcls INFO: [Train][Epoch 42/100][Avg]CELoss: 1.28188, loss: 1.28188

[2024/03/04 14:05:17] ppcls INFO: [Eval][Epoch 42][Iter: 0/2]CELoss: 1.75539, loss: 1.75539, top1: 0.29688, batch\_cost: 7.18835s, reader\_cost: 6.43087, ips: 17.80659 images/sec

[2024/03/04 14:05:17] ppcls INFO: [Eval][Epoch 42][Avg]CELoss: 1.75539, loss: 1.75539, top1: 0.29688

[2024/03/04 14:05:17] ppcls INFO: [Eval][Epoch 42][best metric: 0.6640625]

[2024/03/04 14:05:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_42

[2024/03/04 14:05:19] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:05:25] ppcls INFO: [Train][Epoch 43/100][Iter: 0/4]lr(LinearWarmup): 0.63189214, CELoss: 1.19721, loss: 1.19721, batch\_cost: 4.48179s, reader\_cost: 3.62562, ips: 28.56000 samples/s, eta: 0:17:19

[2024/03/04 14:05:40] ppcls INFO: [Train][Epoch 43/100][Avg]CELoss: 1.30424, loss: 1.30424

[2024/03/04 14:05:47] ppcls INFO: [Eval][Epoch 43][Iter: 0/2]CELoss: 1.46213, loss: 1.46213, top1: 0.28906, batch\_cost: 7.13430s, reader\_cost: 6.49493, ips: 17.94148 images/sec

[2024/03/04 14:05:48] ppcls INFO: [Eval][Epoch 43][Avg]CELoss: 1.46213, loss: 1.46213, top1: 0.28906

[2024/03/04 14:05:48] ppcls INFO: [Eval][Epoch 43][best metric: 0.6640625]

[2024/03/04 14:05:48] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_43

[2024/03/04 14:05:49] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:05:54] ppcls INFO: [Train][Epoch 44/100][Iter: 0/4]lr(LinearWarmup): 0.62318953, CELoss: 1.18242, loss: 1.18242, batch\_cost: 4.47880s, reader\_cost: 3.62274, ips: 28.57908 samples/s, eta: 0:17:01

[2024/03/04 14:06:09] ppcls INFO: [Train][Epoch 44/100][Avg]CELoss: 1.24269, loss: 1.24269

[2024/03/04 14:06:16] ppcls INFO: [Eval][Epoch 44][Iter: 0/2]CELoss: 1.41738, loss: 1.41738, top1: 0.26562, batch\_cost: 7.11976s, reader\_cost: 6.40384, ips: 17.97814 images/sec

[2024/03/04 14:06:17] ppcls INFO: [Eval][Epoch 44][Avg]CELoss: 1.41738, loss: 1.41738, top1: 0.26562

[2024/03/04 14:06:17] ppcls INFO: [Eval][Epoch 44][best metric: 0.6640625]

[2024/03/04 14:06:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_44

[2024/03/04 14:06:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:06:24] ppcls INFO: [Train][Epoch 45/100][Iter: 0/4]lr(LinearWarmup): 0.61433072, CELoss: 1.13635, loss: 1.13635, batch\_cost: 4.48205s, reader\_cost: 3.62639, ips: 28.55835 samples/s, eta: 0:16:43

[2024/03/04 14:06:39] ppcls INFO: [Train][Epoch 45/100][Avg]CELoss: 1.28766, loss: 1.28766

[2024/03/04 14:06:46] ppcls INFO: [Eval][Epoch 45][Iter: 0/2]CELoss: 1.47645, loss: 1.47645, top1: 0.28125, batch\_cost: 7.21612s, reader\_cost: 6.52543, ips: 17.73807 images/sec

[2024/03/04 14:06:46] ppcls INFO: [Eval][Epoch 45][Avg]CELoss: 1.47645, loss: 1.47645, top1: 0.28125

[2024/03/04 14:06:46] ppcls INFO: [Eval][Epoch 45][best metric: 0.6640625]

[2024/03/04 14:06:47] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_45

[2024/03/04 14:06:48] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:06:53] ppcls INFO: [Train][Epoch 46/100][Iter: 0/4]lr(LinearWarmup): 0.60532191, CELoss: 1.25296, loss: 1.25296, batch\_cost: 4.47833s, reader\_cost: 3.62264, ips: 28.58211 samples/s, eta: 0:16:25

[2024/03/04 14:07:09] ppcls INFO: [Train][Epoch 46/100][Avg]CELoss: 1.21000, loss: 1.21000

[2024/03/04 14:07:16] ppcls INFO: [Eval][Epoch 46][Iter: 0/2]CELoss: 0.91627, loss: 0.91627, top1: 0.67969, batch\_cost: 7.02257s, reader\_cost: 6.38699, ips: 18.22696 images/sec

[2024/03/04 14:07:16] ppcls INFO: [Eval][Epoch 46][Avg]CELoss: 0.91627, loss: 0.91627, top1: 0.67969

[2024/03/04 14:07:17] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\best\_model

[2024/03/04 14:07:17] ppcls INFO: [Eval][Epoch 46][best metric: 0.6796875]

[2024/03/04 14:07:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_46

[2024/03/04 14:07:19] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:07:24] ppcls INFO: [Train][Epoch 47/100][Iter: 0/4]lr(LinearWarmup): 0.59616940, CELoss: 1.16120, loss: 1.16120, batch\_cost: 4.47912s, reader\_cost: 3.62313, ips: 28.57706 samples/s, eta: 0:16:07

[2024/03/04 14:07:39] ppcls INFO: [Train][Epoch 47/100][Avg]CELoss: 1.27421, loss: 1.27421

[2024/03/04 14:07:46] ppcls INFO: [Eval][Epoch 47][Iter: 0/2]CELoss: 1.01591, loss: 1.01591, top1: 0.60938, batch\_cost: 7.06068s, reader\_cost: 6.45358, ips: 18.12857 images/sec

[2024/03/04 14:07:46] ppcls INFO: [Eval][Epoch 47][Avg]CELoss: 1.01591, loss: 1.01591, top1: 0.60938

[2024/03/04 14:07:46] ppcls INFO: [Eval][Epoch 47][best metric: 0.6796875]

[2024/03/04 14:07:47] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_47

[2024/03/04 14:07:48] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:07:53] ppcls INFO: [Train][Epoch 48/100][Iter: 0/4]lr(LinearWarmup): 0.58687961, CELoss: 1.36887, loss: 1.36887, batch\_cost: 4.47591s, reader\_cost: 3.61999, ips: 28.59756 samples/s, eta: 0:15:48

[2024/03/04 14:08:08] ppcls INFO: [Train][Epoch 48/100][Avg]CELoss: 1.26370, loss: 1.26370

[2024/03/04 14:08:16] ppcls INFO: [Eval][Epoch 48][Iter: 0/2]CELoss: 1.13213, loss: 1.13213, top1: 0.55469, batch\_cost: 7.19267s, reader\_cost: 6.56848, ips: 17.79590 images/sec

[2024/03/04 14:08:16] ppcls INFO: [Eval][Epoch 48][Avg]CELoss: 1.13213, loss: 1.13213, top1: 0.55469

[2024/03/04 14:08:16] ppcls INFO: [Eval][Epoch 48][best metric: 0.6796875]

[2024/03/04 14:08:17] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_48

[2024/03/04 14:08:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:08:23] ppcls INFO: [Train][Epoch 49/100][Iter: 0/4]lr(LinearWarmup): 0.57745902, CELoss: 1.28903, loss: 1.28903, batch\_cost: 4.47801s, reader\_cost: 3.62180, ips: 28.58416 samples/s, eta: 0:15:31

[2024/03/04 14:08:38] ppcls INFO: [Train][Epoch 49/100][Avg]CELoss: 1.23422, loss: 1.23422

[2024/03/04 14:08:46] ppcls INFO: [Eval][Epoch 49][Iter: 0/2]CELoss: 0.82242, loss: 0.82242, top1: 0.78125, batch\_cost: 7.19749s, reader\_cost: 6.49725, ips: 17.78398 images/sec

[2024/03/04 14:08:46] ppcls INFO: [Eval][Epoch 49][Avg]CELoss: 0.82242, loss: 0.82242, top1: 0.78125

[2024/03/04 14:08:47] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\best\_model

[2024/03/04 14:08:47] ppcls INFO: [Eval][Epoch 49][best metric: 0.78125]

[2024/03/04 14:08:48] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_49

[2024/03/04 14:08:49] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:08:55] ppcls INFO: [Train][Epoch 50/100][Iter: 0/4]lr(LinearWarmup): 0.56791424, CELoss: 1.13095, loss: 1.13095, batch\_cost: 4.48305s, reader\_cost: 3.62681, ips: 28.55196 samples/s, eta: 0:15:14

[2024/03/04 14:09:10] ppcls INFO: [Train][Epoch 50/100][Avg]CELoss: 1.24789, loss: 1.24789

[2024/03/04 14:09:17] ppcls INFO: [Eval][Epoch 50][Iter: 0/2]CELoss: 0.90199, loss: 0.90199, top1: 0.60156, batch\_cost: 7.26429s, reader\_cost: 6.54271, ips: 17.62044 images/sec

[2024/03/04 14:09:17] ppcls INFO: [Eval][Epoch 50][Avg]CELoss: 0.90199, loss: 0.90199, top1: 0.60156

[2024/03/04 14:09:17] ppcls INFO: [Eval][Epoch 50][best metric: 0.78125]

[2024/03/04 14:09:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_50

[2024/03/04 14:09:19] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:09:25] ppcls INFO: [Train][Epoch 51/100][Iter: 0/4]lr(LinearWarmup): 0.55825195, CELoss: 1.21795, loss: 1.21795, batch\_cost: 4.48248s, reader\_cost: 3.62589, ips: 28.55559 samples/s, eta: 0:14:56

[2024/03/04 14:09:40] ppcls INFO: [Train][Epoch 51/100][Avg]CELoss: 1.23403, loss: 1.23403

[2024/03/04 14:09:47] ppcls INFO: [Eval][Epoch 51][Iter: 0/2]CELoss: 0.94120, loss: 0.94120, top1: 0.62500, batch\_cost: 7.25667s, reader\_cost: 6.50065, ips: 17.63893 images/sec

[2024/03/04 14:09:47] ppcls INFO: [Eval][Epoch 51][Avg]CELoss: 0.94120, loss: 0.94120, top1: 0.62500

[2024/03/04 14:09:47] ppcls INFO: [Eval][Epoch 51][best metric: 0.78125]

[2024/03/04 14:09:48] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_51

[2024/03/04 14:09:49] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:09:55] ppcls INFO: [Train][Epoch 52/100][Iter: 0/4]lr(LinearWarmup): 0.54847890, CELoss: 1.07688, loss: 1.07688, batch\_cost: 4.48406s, reader\_cost: 3.62711, ips: 28.54557 samples/s, eta: 0:14:38

[2024/03/04 14:10:10] ppcls INFO: [Train][Epoch 52/100][Avg]CELoss: 1.24594, loss: 1.24594

[2024/03/04 14:10:17] ppcls INFO: [Eval][Epoch 52][Iter: 0/2]CELoss: 0.65322, loss: 0.65322, top1: 0.82812, batch\_cost: 7.01925s, reader\_cost: 6.42125, ips: 18.23556 images/sec

[2024/03/04 14:10:17] ppcls INFO: [Eval][Epoch 52][Avg]CELoss: 0.65322, loss: 0.65322, top1: 0.82812

[2024/03/04 14:10:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\best\_model

[2024/03/04 14:10:18] ppcls INFO: [Eval][Epoch 52][best metric: 0.828125]

[2024/03/04 14:10:19] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_52

[2024/03/04 14:10:20] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:10:26] ppcls INFO: [Train][Epoch 53/100][Iter: 0/4]lr(LinearWarmup): 0.53860194, CELoss: 1.33993, loss: 1.33993, batch\_cost: 4.48514s, reader\_cost: 3.62879, ips: 28.53869 samples/s, eta: 0:14:21

[2024/03/04 14:10:41] ppcls INFO: [Train][Epoch 53/100][Avg]CELoss: 1.25868, loss: 1.25868

[2024/03/04 14:10:48] ppcls INFO: [Eval][Epoch 53][Iter: 0/2]CELoss: 1.34123, loss: 1.34123, top1: 0.51562, batch\_cost: 7.19156s, reader\_cost: 6.44805, ips: 17.79865 images/sec

[2024/03/04 14:10:49] ppcls INFO: [Eval][Epoch 53][Avg]CELoss: 1.34123, loss: 1.34123, top1: 0.51562

[2024/03/04 14:10:49] ppcls INFO: [Eval][Epoch 53][best metric: 0.828125]

[2024/03/04 14:10:49] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_53

[2024/03/04 14:10:50] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:10:55] ppcls INFO: [Train][Epoch 54/100][Iter: 0/4]lr(LinearWarmup): 0.52862798, CELoss: 1.23037, loss: 1.23037, batch\_cost: 4.48512s, reader\_cost: 3.62925, ips: 28.53883 samples/s, eta: 0:14:03

[2024/03/04 14:11:11] ppcls INFO: [Train][Epoch 54/100][Avg]CELoss: 1.26117, loss: 1.26117

[2024/03/04 14:11:18] ppcls INFO: [Eval][Epoch 54][Iter: 0/2]CELoss: 1.24428, loss: 1.24428, top1: 0.50000, batch\_cost: 7.22193s, reader\_cost: 6.47442, ips: 17.72381 images/sec

[2024/03/04 14:11:18] ppcls INFO: [Eval][Epoch 54][Avg]CELoss: 1.24428, loss: 1.24428, top1: 0.50000

[2024/03/04 14:11:18] ppcls INFO: [Eval][Epoch 54][best metric: 0.828125]

[2024/03/04 14:11:19] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_54

[2024/03/04 14:11:20] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:11:25] ppcls INFO: [Train][Epoch 55/100][Iter: 0/4]lr(LinearWarmup): 0.51856399, CELoss: 1.21050, loss: 1.21050, batch\_cost: 4.48444s, reader\_cost: 3.62889, ips: 28.54313 samples/s, eta: 0:13:45

[2024/03/04 14:11:41] ppcls INFO: [Train][Epoch 55/100][Avg]CELoss: 1.21440, loss: 1.21440

[2024/03/04 14:11:48] ppcls INFO: [Eval][Epoch 55][Iter: 0/2]CELoss: 1.19259, loss: 1.19259, top1: 0.53125, batch\_cost: 7.23396s, reader\_cost: 6.48396, ips: 17.69433 images/sec

[2024/03/04 14:11:48] ppcls INFO: [Eval][Epoch 55][Avg]CELoss: 1.19259, loss: 1.19259, top1: 0.53125

[2024/03/04 14:11:48] ppcls INFO: [Eval][Epoch 55][best metric: 0.828125]

[2024/03/04 14:11:49] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_55

[2024/03/04 14:11:50] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:11:55] ppcls INFO: [Train][Epoch 56/100][Iter: 0/4]lr(LinearWarmup): 0.50841703, CELoss: 1.24840, loss: 1.24840, batch\_cost: 4.48514s, reader\_cost: 3.63025, ips: 28.53870 samples/s, eta: 0:13:27

[2024/03/04 14:12:10] ppcls INFO: [Train][Epoch 56/100][Avg]CELoss: 1.14762, loss: 1.14762

[2024/03/04 14:12:17] ppcls INFO: [Eval][Epoch 56][Iter: 0/2]CELoss: 1.08855, loss: 1.08855, top1: 0.47656, batch\_cost: 7.08932s, reader\_cost: 6.48633, ips: 18.05532 images/sec

[2024/03/04 14:12:17] ppcls INFO: [Eval][Epoch 56][Avg]CELoss: 1.08855, loss: 1.08855, top1: 0.47656

[2024/03/04 14:12:17] ppcls INFO: [Eval][Epoch 56][best metric: 0.828125]

[2024/03/04 14:12:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_56

[2024/03/04 14:12:19] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:12:24] ppcls INFO: [Train][Epoch 57/100][Iter: 0/4]lr(LinearWarmup): 0.49819419, CELoss: 1.29829, loss: 1.29829, batch\_cost: 4.47997s, reader\_cost: 3.62475, ips: 28.57162 samples/s, eta: 0:13:08

[2024/03/04 14:12:39] ppcls INFO: [Train][Epoch 57/100][Avg]CELoss: 1.20862, loss: 1.20862

[2024/03/04 14:12:47] ppcls INFO: [Eval][Epoch 57][Iter: 0/2]CELoss: 0.86769, loss: 0.86769, top1: 0.70312, batch\_cost: 7.20127s, reader\_cost: 6.44675, ips: 17.77464 images/sec

[2024/03/04 14:12:47] ppcls INFO: [Eval][Epoch 57][Avg]CELoss: 0.86769, loss: 0.86769, top1: 0.70312

[2024/03/04 14:12:47] ppcls INFO: [Eval][Epoch 57][best metric: 0.828125]

[2024/03/04 14:12:48] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_57

[2024/03/04 14:12:49] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:12:53] ppcls INFO: [Train][Epoch 58/100][Iter: 0/4]lr(LinearWarmup): 0.48790264, CELoss: 1.23695, loss: 1.23695, batch\_cost: 4.47840s, reader\_cost: 3.62441, ips: 28.58166 samples/s, eta: 0:12:50

[2024/03/04 14:13:09] ppcls INFO: [Train][Epoch 58/100][Avg]CELoss: 1.17071, loss: 1.17071

[2024/03/04 14:13:16] ppcls INFO: [Eval][Epoch 58][Iter: 0/2]CELoss: 0.82728, loss: 0.82728, top1: 0.64844, batch\_cost: 7.08894s, reader\_cost: 6.44134, ips: 18.05629 images/sec

[2024/03/04 14:13:16] ppcls INFO: [Eval][Epoch 58][Avg]CELoss: 0.82728, loss: 0.82728, top1: 0.64844

[2024/03/04 14:13:16] ppcls INFO: [Eval][Epoch 58][best metric: 0.828125]

[2024/03/04 14:13:17] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_58

[2024/03/04 14:13:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:13:24] ppcls INFO: [Train][Epoch 59/100][Iter: 0/4]lr(LinearWarmup): 0.47754956, CELoss: 1.12404, loss: 1.12404, batch\_cost: 4.48198s, reader\_cost: 3.62803, ips: 28.55879 samples/s, eta: 0:12:32

[2024/03/04 14:13:39] ppcls INFO: [Train][Epoch 59/100][Avg]CELoss: 1.25150, loss: 1.25150

[2024/03/04 14:13:46] ppcls INFO: [Eval][Epoch 59][Iter: 0/2]CELoss: 0.69357, loss: 0.69357, top1: 0.78906, batch\_cost: 7.10348s, reader\_cost: 6.50464, ips: 18.01934 images/sec

[2024/03/04 14:13:46] ppcls INFO: [Eval][Epoch 59][Avg]CELoss: 0.69357, loss: 0.69357, top1: 0.78906

[2024/03/04 14:13:46] ppcls INFO: [Eval][Epoch 59][best metric: 0.828125]

[2024/03/04 14:13:47] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_59

[2024/03/04 14:13:48] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:13:53] ppcls INFO: [Train][Epoch 60/100][Iter: 0/4]lr(LinearWarmup): 0.46714221, CELoss: 1.18272, loss: 1.18272, batch\_cost: 4.47786s, reader\_cost: 3.62440, ips: 28.58506 samples/s, eta: 0:12:14

[2024/03/04 14:14:09] ppcls INFO: [Train][Epoch 60/100][Avg]CELoss: 1.19065, loss: 1.19065

[2024/03/04 14:14:16] ppcls INFO: [Eval][Epoch 60][Iter: 0/2]CELoss: 0.54597, loss: 0.54597, top1: 0.89062, batch\_cost: 7.26147s, reader\_cost: 6.50970, ips: 17.62729 images/sec

[2024/03/04 14:14:16] ppcls INFO: [Eval][Epoch 60][Avg]CELoss: 0.54597, loss: 0.54597, top1: 0.89062

[2024/03/04 14:14:17] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\best\_model

[2024/03/04 14:14:17] ppcls INFO: [Eval][Epoch 60][best metric: 0.890625]

[2024/03/04 14:14:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_60

[2024/03/04 14:14:19] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:14:24] ppcls INFO: [Train][Epoch 61/100][Iter: 0/4]lr(LinearWarmup): 0.45668787, CELoss: 1.05111, loss: 1.05111, batch\_cost: 4.47799s, reader\_cost: 3.62520, ips: 28.58428 samples/s, eta: 0:11:56

[2024/03/04 14:14:40] ppcls INFO: [Train][Epoch 61/100][Avg]CELoss: 1.14674, loss: 1.14674

[2024/03/04 14:14:47] ppcls INFO: [Eval][Epoch 61][Iter: 0/2]CELoss: 0.64477, loss: 0.64477, top1: 0.84375, batch\_cost: 7.07872s, reader\_cost: 6.46248, ips: 18.08237 images/sec

[2024/03/04 14:14:47] ppcls INFO: [Eval][Epoch 61][Avg]CELoss: 0.64477, loss: 0.64477, top1: 0.84375

[2024/03/04 14:14:47] ppcls INFO: [Eval][Epoch 61][best metric: 0.890625]

[2024/03/04 14:14:48] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_61

[2024/03/04 14:14:49] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:14:54] ppcls INFO: [Train][Epoch 62/100][Iter: 0/4]lr(LinearWarmup): 0.44619385, CELoss: 1.02772, loss: 1.02772, batch\_cost: 4.47903s, reader\_cost: 3.62614, ips: 28.57764 samples/s, eta: 0:11:38

[2024/03/04 14:15:10] ppcls INFO: [Train][Epoch 62/100][Avg]CELoss: 1.20326, loss: 1.20326

[2024/03/04 14:15:17] ppcls INFO: [Eval][Epoch 62][Iter: 0/2]CELoss: 0.81471, loss: 0.81471, top1: 0.77344, batch\_cost: 7.11630s, reader\_cost: 6.46571, ips: 17.98687 images/sec

[2024/03/04 14:15:17] ppcls INFO: [Eval][Epoch 62][Avg]CELoss: 0.81471, loss: 0.81471, top1: 0.77344

[2024/03/04 14:15:17] ppcls INFO: [Eval][Epoch 62][best metric: 0.890625]

[2024/03/04 14:15:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_62

[2024/03/04 14:15:19] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:15:24] ppcls INFO: [Train][Epoch 63/100][Iter: 0/4]lr(LinearWarmup): 0.43566751, CELoss: 1.27132, loss: 1.27132, batch\_cost: 4.48113s, reader\_cost: 3.62869, ips: 28.56424 samples/s, eta: 0:11:21

[2024/03/04 14:15:39] ppcls INFO: [Train][Epoch 63/100][Avg]CELoss: 1.21525, loss: 1.21525

[2024/03/04 14:15:46] ppcls INFO: [Eval][Epoch 63][Iter: 0/2]CELoss: 1.42826, loss: 1.42826, top1: 0.42188, batch\_cost: 7.19311s, reader\_cost: 6.45565, ips: 17.79482 images/sec

[2024/03/04 14:15:46] ppcls INFO: [Eval][Epoch 63][Avg]CELoss: 1.42826, loss: 1.42826, top1: 0.42188

[2024/03/04 14:15:46] ppcls INFO: [Eval][Epoch 63][best metric: 0.890625]

[2024/03/04 14:15:47] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_63

[2024/03/04 14:15:48] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:15:53] ppcls INFO: [Train][Epoch 64/100][Iter: 0/4]lr(LinearWarmup): 0.42511621, CELoss: 1.23290, loss: 1.23290, batch\_cost: 4.47764s, reader\_cost: 3.62617, ips: 28.58650 samples/s, eta: 0:11:02

[2024/03/04 14:16:09] ppcls INFO: [Train][Epoch 64/100][Avg]CELoss: 1.23031, loss: 1.23031

[2024/03/04 14:16:16] ppcls INFO: [Eval][Epoch 64][Iter: 0/2]CELoss: 1.31160, loss: 1.31160, top1: 0.50781, batch\_cost: 7.10268s, reader\_cost: 6.47506, ips: 18.02136 images/sec

[2024/03/04 14:16:17] ppcls INFO: [Eval][Epoch 64][Avg]CELoss: 1.31160, loss: 1.31160, top1: 0.50781

[2024/03/04 14:16:17] ppcls INFO: [Eval][Epoch 64][best metric: 0.890625]

[2024/03/04 14:16:18] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_64

[2024/03/04 14:16:19] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:16:24] ppcls INFO: [Train][Epoch 65/100][Iter: 0/4]lr(LinearWarmup): 0.41454733, CELoss: 1.05084, loss: 1.05084, batch\_cost: 4.48286s, reader\_cost: 3.63144, ips: 28.55323 samples/s, eta: 0:10:45

[2024/03/04 14:16:40] ppcls INFO: [Train][Epoch 65/100][Avg]CELoss: 1.15863, loss: 1.15863

[2024/03/04 14:16:49] ppcls INFO: [Eval][Epoch 65][Iter: 0/2]CELoss: 0.77014, loss: 0.77014, top1: 0.71094, batch\_cost: 9.13360s, reader\_cost: 8.38105, ips: 14.01419 images/sec

[2024/03/04 14:16:50] ppcls INFO: [Eval][Epoch 65][Avg]CELoss: 0.77014, loss: 0.77014, top1: 0.71094

[2024/03/04 14:16:50] ppcls INFO: [Eval][Epoch 65][best metric: 0.890625]

[2024/03/04 14:16:51] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_65

[2024/03/04 14:16:52] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:17:00] ppcls INFO: [Train][Epoch 66/100][Iter: 0/4]lr(LinearWarmup): 0.40396826, CELoss: 1.07847, loss: 1.07847, batch\_cost: 4.49302s, reader\_cost: 3.64171, ips: 28.48865 samples/s, eta: 0:10:29

[2024/03/04 14:17:27] ppcls INFO: [Train][Epoch 66/100][Avg]CELoss: 1.13164, loss: 1.13164

[2024/03/04 14:17:39] ppcls INFO: [Eval][Epoch 66][Iter: 0/2]CELoss: 1.25406, loss: 1.25406, top1: 0.37500, batch\_cost: 12.46353s, reader\_cost: 11.74581, ips: 10.26997 images/sec

[2024/03/04 14:17:40] ppcls INFO: [Eval][Epoch 66][Avg]CELoss: 1.25406, loss: 1.25406, top1: 0.37500

[2024/03/04 14:17:40] ppcls INFO: [Eval][Epoch 66][best metric: 0.890625]

[2024/03/04 14:17:41] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_66

[2024/03/04 14:17:42] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:17:50] ppcls INFO: [Train][Epoch 67/100][Iter: 0/4]lr(LinearWarmup): 0.39338642, CELoss: 1.21908, loss: 1.21908, batch\_cost: 4.53713s, reader\_cost: 3.68536, ips: 28.21167 samples/s, eta: 0:10:17

[2024/03/04 14:18:16] ppcls INFO: [Train][Epoch 67/100][Avg]CELoss: 1.16937, loss: 1.16937

[2024/03/04 14:18:28] ppcls INFO: [Eval][Epoch 67][Iter: 0/2]CELoss: 0.72681, loss: 0.72681, top1: 0.85156, batch\_cost: 12.33970s, reader\_cost: 11.62904, ips: 10.37303 images/sec

[2024/03/04 14:18:29] ppcls INFO: [Eval][Epoch 67][Avg]CELoss: 0.72681, loss: 0.72681, top1: 0.85156

[2024/03/04 14:18:29] ppcls INFO: [Eval][Epoch 67][best metric: 0.890625]

[2024/03/04 14:18:30] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_67

[2024/03/04 14:18:31] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:18:38] ppcls INFO: [Train][Epoch 68/100][Iter: 0/4]lr(LinearWarmup): 0.38280921, CELoss: 1.19155, loss: 1.19155, batch\_cost: 4.56855s, reader\_cost: 3.71715, ips: 28.01767 samples/s, eta: 0:10:03

[2024/03/04 14:19:05] ppcls INFO: [Train][Epoch 68/100][Avg]CELoss: 1.20074, loss: 1.20074

[2024/03/04 14:19:17] ppcls INFO: [Eval][Epoch 68][Iter: 0/2]CELoss: 0.85888, loss: 0.85888, top1: 0.68750, batch\_cost: 11.97844s, reader\_cost: 11.24379, ips: 10.68587 images/sec

[2024/03/04 14:19:18] ppcls INFO: [Eval][Epoch 68][Avg]CELoss: 0.85888, loss: 0.85888, top1: 0.68750

[2024/03/04 14:19:18] ppcls INFO: [Eval][Epoch 68][best metric: 0.890625]

[2024/03/04 14:19:19] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_68

[2024/03/04 14:19:20] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:19:28] ppcls INFO: [Train][Epoch 69/100][Iter: 0/4]lr(LinearWarmup): 0.37224403, CELoss: 1.02048, loss: 1.02048, batch\_cost: 4.61209s, reader\_cost: 3.76006, ips: 27.75312 samples/s, eta: 0:09:50

[2024/03/04 14:19:53] ppcls INFO: [Train][Epoch 69/100][Avg]CELoss: 1.17031, loss: 1.17031

[2024/03/04 14:20:05] ppcls INFO: [Eval][Epoch 69][Iter: 0/2]CELoss: 0.51960, loss: 0.51960, top1: 0.89844, batch\_cost: 12.03654s, reader\_cost: 11.30071, ips: 10.63429 images/sec

[2024/03/04 14:20:06] ppcls INFO: [Eval][Epoch 69][Avg]CELoss: 0.51960, loss: 0.51960, top1: 0.89844

[2024/03/04 14:20:07] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\best\_model

[2024/03/04 14:20:07] ppcls INFO: [Eval][Epoch 69][best metric: 0.8984375]

[2024/03/04 14:20:08] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_69

[2024/03/04 14:20:09] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:20:17] ppcls INFO: [Train][Epoch 70/100][Iter: 0/4]lr(LinearWarmup): 0.36169827, CELoss: 1.06299, loss: 1.06299, batch\_cost: 4.64885s, reader\_cost: 3.79640, ips: 27.53370 samples/s, eta: 0:09:36

[2024/03/04 14:20:41] ppcls INFO: [Train][Epoch 70/100][Avg]CELoss: 1.19983, loss: 1.19983

[2024/03/04 14:20:53] ppcls INFO: [Eval][Epoch 70][Iter: 0/2]CELoss: 0.61564, loss: 0.61564, top1: 0.85156, batch\_cost: 12.13065s, reader\_cost: 11.43660, ips: 10.55179 images/sec

[2024/03/04 14:20:54] ppcls INFO: [Eval][Epoch 70][Avg]CELoss: 0.61564, loss: 0.61564, top1: 0.85156

[2024/03/04 14:20:54] ppcls INFO: [Eval][Epoch 70][best metric: 0.8984375]

[2024/03/04 14:20:55] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_70

[2024/03/04 14:20:56] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:21:04] ppcls INFO: [Train][Epoch 71/100][Iter: 0/4]lr(LinearWarmup): 0.35117932, CELoss: 1.01866, loss: 1.01866, batch\_cost: 4.68259s, reader\_cost: 3.82980, ips: 27.33531 samples/s, eta: 0:09:21

[2024/03/04 14:21:30] ppcls INFO: [Train][Epoch 71/100][Avg]CELoss: 1.11753, loss: 1.11753

[2024/03/04 14:21:41] ppcls INFO: [Eval][Epoch 71][Iter: 0/2]CELoss: 1.35945, loss: 1.35945, top1: 0.53125, batch\_cost: 11.95339s, reader\_cost: 11.32520, ips: 10.70826 images/sec

[2024/03/04 14:21:43] ppcls INFO: [Eval][Epoch 71][Avg]CELoss: 1.35945, loss: 1.35945, top1: 0.53125

[2024/03/04 14:21:43] ppcls INFO: [Eval][Epoch 71][best metric: 0.8984375]

[2024/03/04 14:21:43] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_71

[2024/03/04 14:21:44] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:21:53] ppcls INFO: [Train][Epoch 72/100][Iter: 0/4]lr(LinearWarmup): 0.34069454, CELoss: 1.18401, loss: 1.18401, batch\_cost: 4.71737s, reader\_cost: 3.86457, ips: 27.13378 samples/s, eta: 0:09:07

[2024/03/04 14:22:17] ppcls INFO: [Train][Epoch 72/100][Avg]CELoss: 1.16710, loss: 1.16710

[2024/03/04 14:22:29] ppcls INFO: [Eval][Epoch 72][Iter: 0/2]CELoss: 1.05733, loss: 1.05733, top1: 0.62500, batch\_cost: 11.89469s, reader\_cost: 11.27477, ips: 10.76110 images/sec

[2024/03/04 14:22:30] ppcls INFO: [Eval][Epoch 72][Avg]CELoss: 1.05733, loss: 1.05733, top1: 0.62500

[2024/03/04 14:22:30] ppcls INFO: [Eval][Epoch 72][best metric: 0.8984375]

[2024/03/04 14:22:31] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_72

[2024/03/04 14:22:32] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:22:39] ppcls INFO: [Train][Epoch 73/100][Iter: 0/4]lr(LinearWarmup): 0.33025126, CELoss: 1.32406, loss: 1.32406, batch\_cost: 4.74778s, reader\_cost: 3.89503, ips: 26.95994 samples/s, eta: 0:08:51

[2024/03/04 14:23:06] ppcls INFO: [Train][Epoch 73/100][Avg]CELoss: 1.16756, loss: 1.16756

[2024/03/04 14:23:18] ppcls INFO: [Eval][Epoch 73][Iter: 0/2]CELoss: 0.56697, loss: 0.56697, top1: 0.84375, batch\_cost: 11.92815s, reader\_cost: 11.31339, ips: 10.73092 images/sec

[2024/03/04 14:23:19] ppcls INFO: [Eval][Epoch 73][Avg]CELoss: 0.56697, loss: 0.56697, top1: 0.84375

[2024/03/04 14:23:19] ppcls INFO: [Eval][Epoch 73][best metric: 0.8984375]

[2024/03/04 14:23:20] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_73

[2024/03/04 14:23:21] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:23:28] ppcls INFO: [Train][Epoch 74/100][Iter: 0/4]lr(LinearWarmup): 0.31985680, CELoss: 1.29242, loss: 1.29242, batch\_cost: 4.77878s, reader\_cost: 3.92641, ips: 26.78509 samples/s, eta: 0:08:36

[2024/03/04 14:23:53] ppcls INFO: [Train][Epoch 74/100][Avg]CELoss: 1.20262, loss: 1.20262

[2024/03/04 14:24:05] ppcls INFO: [Eval][Epoch 74][Iter: 0/2]CELoss: 0.62218, loss: 0.62218, top1: 0.78125, batch\_cost: 12.07863s, reader\_cost: 11.33186, ips: 10.59723 images/sec

[2024/03/04 14:24:06] ppcls INFO: [Eval][Epoch 74][Avg]CELoss: 0.62218, loss: 0.62218, top1: 0.78125

[2024/03/04 14:24:06] ppcls INFO: [Eval][Epoch 74][best metric: 0.8984375]

[2024/03/04 14:24:07] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_74

[2024/03/04 14:24:08] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:24:17] ppcls INFO: [Train][Epoch 75/100][Iter: 0/4]lr(LinearWarmup): 0.30951842, CELoss: 1.05094, loss: 1.05094, batch\_cost: 4.81600s, reader\_cost: 3.96311, ips: 26.57809 samples/s, eta: 0:08:20

[2024/03/04 14:24:42] ppcls INFO: [Train][Epoch 75/100][Avg]CELoss: 1.13762, loss: 1.13762

[2024/03/04 14:24:54] ppcls INFO: [Eval][Epoch 75][Iter: 0/2]CELoss: 1.46171, loss: 1.46171, top1: 0.58594, batch\_cost: 11.97102s, reader\_cost: 11.27825, ips: 10.69249 images/sec

[2024/03/04 14:24:55] ppcls INFO: [Eval][Epoch 75][Avg]CELoss: 1.46171, loss: 1.46171, top1: 0.58594

[2024/03/04 14:24:55] ppcls INFO: [Eval][Epoch 75][best metric: 0.8984375]

[2024/03/04 14:24:56] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_75

[2024/03/04 14:24:57] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:25:04] ppcls INFO: [Train][Epoch 76/100][Iter: 0/4]lr(LinearWarmup): 0.29924337, CELoss: 1.26453, loss: 1.26453, batch\_cost: 4.84754s, reader\_cost: 3.99443, ips: 26.40514 samples/s, eta: 0:08:04

[2024/03/04 14:25:31] ppcls INFO: [Train][Epoch 76/100][Avg]CELoss: 1.20545, loss: 1.20545

[2024/03/04 14:25:43] ppcls INFO: [Eval][Epoch 76][Iter: 0/2]CELoss: 0.69534, loss: 0.69534, top1: 0.73438, batch\_cost: 12.05268s, reader\_cost: 11.31169, ips: 10.62005 images/sec

[2024/03/04 14:25:44] ppcls INFO: [Eval][Epoch 76][Avg]CELoss: 0.69534, loss: 0.69534, top1: 0.73438

[2024/03/04 14:25:44] ppcls INFO: [Eval][Epoch 76][best metric: 0.8984375]

[2024/03/04 14:25:45] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_76

[2024/03/04 14:25:46] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:25:53] ppcls INFO: [Train][Epoch 77/100][Iter: 0/4]lr(LinearWarmup): 0.28903884, CELoss: 1.22619, loss: 1.22619, batch\_cost: 4.87750s, reader\_cost: 4.02477, ips: 26.24295 samples/s, eta: 0:07:48

[2024/03/04 14:26:20] ppcls INFO: [Train][Epoch 77/100][Avg]CELoss: 1.20178, loss: 1.20178

[2024/03/04 14:26:32] ppcls INFO: [Eval][Epoch 77][Iter: 0/2]CELoss: 0.72635, loss: 0.72635, top1: 0.71094, batch\_cost: 11.88849s, reader\_cost: 11.25082, ips: 10.76671 images/sec

[2024/03/04 14:26:33] ppcls INFO: [Eval][Epoch 77][Avg]CELoss: 0.72635, loss: 0.72635, top1: 0.71094

[2024/03/04 14:26:33] ppcls INFO: [Eval][Epoch 77][best metric: 0.8984375]

[2024/03/04 14:26:34] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_77

[2024/03/04 14:26:35] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:26:43] ppcls INFO: [Train][Epoch 78/100][Iter: 0/4]lr(LinearWarmup): 0.27891196, CELoss: 1.14367, loss: 1.14367, batch\_cost: 4.91538s, reader\_cost: 4.06176, ips: 26.04074 samples/s, eta: 0:07:32

[2024/03/04 14:27:01] ppcls INFO: [Train][Epoch 78/100][Avg]CELoss: 1.20065, loss: 1.20065

[2024/03/04 14:27:08] ppcls INFO: [Eval][Epoch 78][Iter: 0/2]CELoss: 0.88739, loss: 0.88739, top1: 0.67188, batch\_cost: 7.01676s, reader\_cost: 6.39186, ips: 18.24202 images/sec

[2024/03/04 14:27:09] ppcls INFO: [Eval][Epoch 78][Avg]CELoss: 0.88739, loss: 0.88739, top1: 0.67188

[2024/03/04 14:27:09] ppcls INFO: [Eval][Epoch 78][best metric: 0.8984375]

[2024/03/04 14:27:10] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_78

[2024/03/04 14:27:10] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:27:15] ppcls INFO: [Train][Epoch 79/100][Iter: 0/4]lr(LinearWarmup): 0.26886982, CELoss: 1.27174, loss: 1.27174, batch\_cost: 4.91846s, reader\_cost: 4.06496, ips: 26.02443 samples/s, eta: 0:07:12

[2024/03/04 14:27:30] ppcls INFO: [Train][Epoch 79/100][Avg]CELoss: 1.22677, loss: 1.22677

[2024/03/04 14:27:37] ppcls INFO: [Eval][Epoch 79][Iter: 0/2]CELoss: 0.64770, loss: 0.64770, top1: 0.86719, batch\_cost: 7.07596s, reader\_cost: 6.33321, ips: 18.08943 images/sec

[2024/03/04 14:27:38] ppcls INFO: [Eval][Epoch 79][Avg]CELoss: 0.64770, loss: 0.64770, top1: 0.86719

[2024/03/04 14:27:38] ppcls INFO: [Eval][Epoch 79][best metric: 0.8984375]

[2024/03/04 14:27:38] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_79

[2024/03/04 14:27:39] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:27:45] ppcls INFO: [Train][Epoch 80/100][Iter: 0/4]lr(LinearWarmup): 0.25891946, CELoss: 1.07800, loss: 1.07800, batch\_cost: 4.91354s, reader\_cost: 4.06012, ips: 26.05046 samples/s, eta: 0:06:52

[2024/03/04 14:27:59] ppcls INFO: [Train][Epoch 80/100][Avg]CELoss: 1.15540, loss: 1.15540

[2024/03/04 14:28:06] ppcls INFO: [Eval][Epoch 80][Iter: 0/2]CELoss: 0.93387, loss: 0.93387, top1: 0.59375, batch\_cost: 6.97609s, reader\_cost: 6.32227, ips: 18.34840 images/sec

[2024/03/04 14:28:06] ppcls INFO: [Eval][Epoch 80][Avg]CELoss: 0.93387, loss: 0.93387, top1: 0.59375

[2024/03/04 14:28:06] ppcls INFO: [Eval][Epoch 80][best metric: 0.8984375]

[2024/03/04 14:28:07] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_80

[2024/03/04 14:28:08] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:28:14] ppcls INFO: [Train][Epoch 81/100][Iter: 0/4]lr(LinearWarmup): 0.24906783, CELoss: 1.22907, loss: 1.22907, batch\_cost: 4.90717s, reader\_cost: 4.05357, ips: 26.08429 samples/s, eta: 0:06:32

[2024/03/04 14:28:29] ppcls INFO: [Train][Epoch 81/100][Avg]CELoss: 1.14753, loss: 1.14753

[2024/03/04 14:28:36] ppcls INFO: [Eval][Epoch 81][Iter: 0/2]CELoss: 0.64603, loss: 0.64603, top1: 0.77344, batch\_cost: 7.17865s, reader\_cost: 6.48597, ips: 17.83065 images/sec

[2024/03/04 14:28:36] ppcls INFO: [Eval][Epoch 81][Avg]CELoss: 0.64603, loss: 0.64603, top1: 0.77344

[2024/03/04 14:28:36] ppcls INFO: [Eval][Epoch 81][best metric: 0.8984375]

[2024/03/04 14:28:37] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_81

[2024/03/04 14:28:38] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:28:43] ppcls INFO: [Train][Epoch 82/100][Iter: 0/4]lr(LinearWarmup): 0.23932183, CELoss: 1.11594, loss: 1.11594, batch\_cost: 4.89975s, reader\_cost: 4.04669, ips: 26.12379 samples/s, eta: 0:06:12

[2024/03/04 14:28:58] ppcls INFO: [Train][Epoch 82/100][Avg]CELoss: 1.05078, loss: 1.05078

[2024/03/04 14:29:05] ppcls INFO: [Eval][Epoch 82][Iter: 0/2]CELoss: 0.47049, loss: 0.47049, top1: 0.92188, batch\_cost: 7.26300s, reader\_cost: 6.58228, ips: 17.62356 images/sec

[2024/03/04 14:29:06] ppcls INFO: [Eval][Epoch 82][Avg]CELoss: 0.47049, loss: 0.47049, top1: 0.92188

[2024/03/04 14:29:07] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\best\_model

[2024/03/04 14:29:07] ppcls INFO: [Eval][Epoch 82][best metric: 0.921875]

[2024/03/04 14:29:07] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_82

[2024/03/04 14:29:08] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:29:13] ppcls INFO: [Train][Epoch 83/100][Iter: 0/4]lr(LinearWarmup): 0.22968828, CELoss: 1.09766, loss: 1.09766, batch\_cost: 4.89636s, reader\_cost: 4.04326, ips: 26.14187 samples/s, eta: 0:05:52

[2024/03/04 14:29:29] ppcls INFO: [Train][Epoch 83/100][Avg]CELoss: 1.10077, loss: 1.10077

[2024/03/04 14:29:36] ppcls INFO: [Eval][Epoch 83][Iter: 0/2]CELoss: 0.45981, loss: 0.45981, top1: 0.91406, batch\_cost: 7.26005s, reader\_cost: 6.52315, ips: 17.63074 images/sec

[2024/03/04 14:29:37] ppcls INFO: [Eval][Epoch 83][Avg]CELoss: 0.45981, loss: 0.45981, top1: 0.91406

[2024/03/04 14:29:37] ppcls INFO: [Eval][Epoch 83][best metric: 0.921875]

[2024/03/04 14:29:37] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_83

[2024/03/04 14:29:38] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:29:43] ppcls INFO: [Train][Epoch 84/100][Iter: 0/4]lr(LinearWarmup): 0.22017393, CELoss: 1.13786, loss: 1.13786, batch\_cost: 4.89303s, reader\_cost: 4.03997, ips: 26.15967 samples/s, eta: 0:05:32

[2024/03/04 14:29:59] ppcls INFO: [Train][Epoch 84/100][Avg]CELoss: 1.07170, loss: 1.07170

[2024/03/04 14:30:06] ppcls INFO: [Eval][Epoch 84][Iter: 0/2]CELoss: 0.42415, loss: 0.42415, top1: 0.90625, batch\_cost: 7.21487s, reader\_cost: 6.49776, ips: 17.74115 images/sec

[2024/03/04 14:30:06] ppcls INFO: [Eval][Epoch 84][Avg]CELoss: 0.42415, loss: 0.42415, top1: 0.90625

[2024/03/04 14:30:06] ppcls INFO: [Eval][Epoch 84][best metric: 0.921875]

[2024/03/04 14:30:07] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_84

[2024/03/04 14:30:08] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:30:14] ppcls INFO: [Train][Epoch 85/100][Iter: 0/4]lr(LinearWarmup): 0.21078543, CELoss: 0.96448, loss: 0.96448, batch\_cost: 4.89011s, reader\_cost: 4.03715, ips: 26.17531 samples/s, eta: 0:05:12

[2024/03/04 14:30:29] ppcls INFO: [Train][Epoch 85/100][Avg]CELoss: 1.10914, loss: 1.10914

[2024/03/04 14:30:36] ppcls INFO: [Eval][Epoch 85][Iter: 0/2]CELoss: 0.49070, loss: 0.49070, top1: 0.85938, batch\_cost: 7.18151s, reader\_cost: 6.43401, ips: 17.82355 images/sec

[2024/03/04 14:30:37] ppcls INFO: [Eval][Epoch 85][Avg]CELoss: 0.49070, loss: 0.49070, top1: 0.85938

[2024/03/04 14:30:37] ppcls INFO: [Eval][Epoch 85][best metric: 0.921875]

[2024/03/04 14:30:37] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_85

[2024/03/04 14:30:38] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:30:44] ppcls INFO: [Train][Epoch 86/100][Iter: 0/4]lr(LinearWarmup): 0.20152935, CELoss: 1.19634, loss: 1.19634, batch\_cost: 4.88368s, reader\_cost: 4.03010, ips: 26.20976 samples/s, eta: 0:04:53

[2024/03/04 14:30:59] ppcls INFO: [Train][Epoch 86/100][Avg]CELoss: 1.15348, loss: 1.15348

[2024/03/04 14:31:06] ppcls INFO: [Eval][Epoch 86][Iter: 0/2]CELoss: 0.45071, loss: 0.45071, top1: 0.90625, batch\_cost: 7.27009s, reader\_cost: 6.58111, ips: 17.60638 images/sec

[2024/03/04 14:31:06] ppcls INFO: [Eval][Epoch 86][Avg]CELoss: 0.45071, loss: 0.45071, top1: 0.90625

[2024/03/04 14:31:06] ppcls INFO: [Eval][Epoch 86][best metric: 0.921875]

[2024/03/04 14:31:07] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_86

[2024/03/04 14:31:08] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:31:13] ppcls INFO: [Train][Epoch 87/100][Iter: 0/4]lr(LinearWarmup): 0.19241217, CELoss: 0.99089, loss: 0.99089, batch\_cost: 4.87887s, reader\_cost: 4.02536, ips: 26.23559 samples/s, eta: 0:04:33

[2024/03/04 14:31:29] ppcls INFO: [Train][Epoch 87/100][Avg]CELoss: 1.07363, loss: 1.07363

[2024/03/04 14:31:36] ppcls INFO: [Eval][Epoch 87][Iter: 0/2]CELoss: 0.48880, loss: 0.48880, top1: 0.89062, batch\_cost: 7.09812s, reader\_cost: 6.47121, ips: 18.03293 images/sec

[2024/03/04 14:31:36] ppcls INFO: [Eval][Epoch 87][Avg]CELoss: 0.48880, loss: 0.48880, top1: 0.89062

[2024/03/04 14:31:36] ppcls INFO: [Eval][Epoch 87][best metric: 0.921875]

[2024/03/04 14:31:37] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_87

[2024/03/04 14:31:38] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:31:44] ppcls INFO: [Train][Epoch 88/100][Iter: 0/4]lr(LinearWarmup): 0.18344027, CELoss: 1.20223, loss: 1.20223, batch\_cost: 4.87772s, reader\_cost: 4.02399, ips: 26.24175 samples/s, eta: 0:04:13

[2024/03/04 14:31:59] ppcls INFO: [Train][Epoch 88/100][Avg]CELoss: 1.01539, loss: 1.01539

[2024/03/04 14:32:07] ppcls INFO: [Eval][Epoch 88][Iter: 0/2]CELoss: 0.70357, loss: 0.70357, top1: 0.77344, batch\_cost: 7.21593s, reader\_cost: 6.54496, ips: 17.73852 images/sec

[2024/03/04 14:32:07] ppcls INFO: [Eval][Epoch 88][Avg]CELoss: 0.70357, loss: 0.70357, top1: 0.77344

[2024/03/04 14:32:07] ppcls INFO: [Eval][Epoch 88][best metric: 0.921875]

[2024/03/04 14:32:08] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_88

[2024/03/04 14:32:09] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:32:14] ppcls INFO: [Train][Epoch 89/100][Iter: 0/4]lr(LinearWarmup): 0.17461994, CELoss: 1.06995, loss: 1.06995, batch\_cost: 4.87357s, reader\_cost: 4.01996, ips: 26.26410 samples/s, eta: 0:03:53

[2024/03/04 14:32:29] ppcls INFO: [Train][Epoch 89/100][Avg]CELoss: 1.22119, loss: 1.22119

[2024/03/04 14:32:36] ppcls INFO: [Eval][Epoch 89][Iter: 0/2]CELoss: 0.50549, loss: 0.50549, top1: 0.89844, batch\_cost: 7.16695s, reader\_cost: 6.54110, ips: 17.85976 images/sec

[2024/03/04 14:32:37] ppcls INFO: [Eval][Epoch 89][Avg]CELoss: 0.50549, loss: 0.50549, top1: 0.89844

[2024/03/04 14:32:37] ppcls INFO: [Eval][Epoch 89][best metric: 0.921875]

[2024/03/04 14:32:37] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_89

[2024/03/04 14:32:38] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:32:44] ppcls INFO: [Train][Epoch 90/100][Iter: 0/4]lr(LinearWarmup): 0.16595733, CELoss: 1.21823, loss: 1.21823, batch\_cost: 4.86945s, reader\_cost: 4.01566, ips: 26.28636 samples/s, eta: 0:03:34

[2024/03/04 14:32:59] ppcls INFO: [Train][Epoch 90/100][Avg]CELoss: 1.16055, loss: 1.16055

[2024/03/04 14:33:06] ppcls INFO: [Eval][Epoch 90][Iter: 0/2]CELoss: 0.44246, loss: 0.44246, top1: 0.91406, batch\_cost: 7.15908s, reader\_cost: 6.53019, ips: 17.87939 images/sec

[2024/03/04 14:33:07] ppcls INFO: [Eval][Epoch 90][Avg]CELoss: 0.44246, loss: 0.44246, top1: 0.91406

[2024/03/04 14:33:07] ppcls INFO: [Eval][Epoch 90][best metric: 0.921875]

[2024/03/04 14:33:08] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_90

[2024/03/04 14:33:09] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:33:15] ppcls INFO: [Train][Epoch 91/100][Iter: 0/4]lr(LinearWarmup): 0.15745852, CELoss: 1.02872, loss: 1.02872, batch\_cost: 4.86922s, reader\_cost: 4.01542, ips: 26.28757 samples/s, eta: 0:03:14

[2024/03/04 14:33:29] ppcls INFO: [Train][Epoch 91/100][Avg]CELoss: 1.06582, loss: 1.06582

[2024/03/04 14:33:36] ppcls INFO: [Eval][Epoch 91][Iter: 0/2]CELoss: 0.46201, loss: 0.46201, top1: 0.90625, batch\_cost: 7.30347s, reader\_cost: 6.61976, ips: 17.52592 images/sec

[2024/03/04 14:33:37] ppcls INFO: [Eval][Epoch 91][Avg]CELoss: 0.46201, loss: 0.46201, top1: 0.90625

[2024/03/04 14:33:37] ppcls INFO: [Eval][Epoch 91][best metric: 0.921875]

[2024/03/04 14:33:38] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_91

[2024/03/04 14:33:39] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:33:43] ppcls INFO: [Train][Epoch 92/100][Iter: 0/4]lr(LinearWarmup): 0.14912946, CELoss: 0.93263, loss: 0.93263, batch\_cost: 4.86250s, reader\_cost: 4.00861, ips: 26.32391 samples/s, eta: 0:02:55

[2024/03/04 14:33:59] ppcls INFO: [Train][Epoch 92/100][Avg]CELoss: 1.04769, loss: 1.04769

[2024/03/04 14:34:07] ppcls INFO: [Eval][Epoch 92][Iter: 0/2]CELoss: 0.42653, loss: 0.42653, top1: 0.92969, batch\_cost: 7.27354s, reader\_cost: 6.52169, ips: 17.59804 images/sec

[2024/03/04 14:34:07] ppcls INFO: [Eval][Epoch 92][Avg]CELoss: 0.42653, loss: 0.42653, top1: 0.92969

[2024/03/04 14:34:08] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\best\_model

[2024/03/04 14:34:08] ppcls INFO: [Eval][Epoch 92][best metric: 0.9296875]

[2024/03/04 14:34:09] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_92

[2024/03/04 14:34:10] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:34:15] ppcls INFO: [Train][Epoch 93/100][Iter: 0/4]lr(LinearWarmup): 0.14097596, CELoss: 1.29784, loss: 1.29784, batch\_cost: 4.86020s, reader\_cost: 4.00612, ips: 26.33635 samples/s, eta: 0:02:35

[2024/03/04 14:34:31] ppcls INFO: [Train][Epoch 93/100][Avg]CELoss: 1.17103, loss: 1.17103

[2024/03/04 14:34:38] ppcls INFO: [Eval][Epoch 93][Iter: 0/2]CELoss: 0.41803, loss: 0.41803, top1: 0.92969, batch\_cost: 7.26577s, reader\_cost: 6.51108, ips: 17.61685 images/sec

[2024/03/04 14:34:38] ppcls INFO: [Eval][Epoch 93][Avg]CELoss: 0.41803, loss: 0.41803, top1: 0.92969

[2024/03/04 14:34:38] ppcls INFO: [Eval][Epoch 93][best metric: 0.9296875]

[2024/03/04 14:34:39] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_93

[2024/03/04 14:34:40] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:34:45] ppcls INFO: [Train][Epoch 94/100][Iter: 0/4]lr(LinearWarmup): 0.13300375, CELoss: 1.03252, loss: 1.03252, batch\_cost: 4.85662s, reader\_cost: 4.00273, ips: 26.35578 samples/s, eta: 0:02:15

[2024/03/04 14:35:01] ppcls INFO: [Train][Epoch 94/100][Avg]CELoss: 1.02777, loss: 1.02777

[2024/03/04 14:35:08] ppcls INFO: [Eval][Epoch 94][Iter: 0/2]CELoss: 0.42743, loss: 0.42743, top1: 0.91406, batch\_cost: 7.15627s, reader\_cost: 6.56025, ips: 17.88643 images/sec

[2024/03/04 14:35:08] ppcls INFO: [Eval][Epoch 94][Avg]CELoss: 0.42743, loss: 0.42743, top1: 0.91406

[2024/03/04 14:35:08] ppcls INFO: [Eval][Epoch 94][best metric: 0.9296875]

[2024/03/04 14:35:09] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_94

[2024/03/04 14:35:10] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:35:15] ppcls INFO: [Train][Epoch 95/100][Iter: 0/4]lr(LinearWarmup): 0.12521839, CELoss: 1.32007, loss: 1.32007, batch\_cost: 4.85411s, reader\_cost: 4.00007, ips: 26.36939 samples/s, eta: 0:01:56

[2024/03/04 14:35:30] ppcls INFO: [Train][Epoch 95/100][Avg]CELoss: 1.25613, loss: 1.25613

[2024/03/04 14:35:37] ppcls INFO: [Eval][Epoch 95][Iter: 0/2]CELoss: 0.51279, loss: 0.51279, top1: 0.84375, batch\_cost: 7.10762s, reader\_cost: 6.46855, ips: 18.00885 images/sec

[2024/03/04 14:35:38] ppcls INFO: [Eval][Epoch 95][Avg]CELoss: 0.51279, loss: 0.51279, top1: 0.84375

[2024/03/04 14:35:38] ppcls INFO: [Eval][Epoch 95][best metric: 0.9296875]

[2024/03/04 14:35:38] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_95

[2024/03/04 14:35:39] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:35:44] ppcls INFO: [Train][Epoch 96/100][Iter: 0/4]lr(LinearWarmup): 0.11762535, CELoss: 1.26653, loss: 1.26653, batch\_cost: 4.84835s, reader\_cost: 3.99462, ips: 26.40071 samples/s, eta: 0:01:36

[2024/03/04 14:36:00] ppcls INFO: [Train][Epoch 96/100][Avg]CELoss: 1.14802, loss: 1.14802

[2024/03/04 14:36:07] ppcls INFO: [Eval][Epoch 96][Iter: 0/2]CELoss: 0.48674, loss: 0.48674, top1: 0.89844, batch\_cost: 7.32401s, reader\_cost: 6.56629, ips: 17.47677 images/sec

[2024/03/04 14:36:08] ppcls INFO: [Eval][Epoch 96][Avg]CELoss: 0.48674, loss: 0.48674, top1: 0.89844

[2024/03/04 14:36:08] ppcls INFO: [Eval][Epoch 96][best metric: 0.9296875]

[2024/03/04 14:36:09] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_96

[2024/03/04 14:36:10] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:36:15] ppcls INFO: [Train][Epoch 97/100][Iter: 0/4]lr(LinearWarmup): 0.11022992, CELoss: 1.01977, loss: 1.01977, batch\_cost: 4.84624s, reader\_cost: 3.99277, ips: 26.41222 samples/s, eta: 0:01:17

[2024/03/04 14:36:30] ppcls INFO: [Train][Epoch 97/100][Avg]CELoss: 1.09849, loss: 1.09849

[2024/03/04 14:36:38] ppcls INFO: [Eval][Epoch 97][Iter: 0/2]CELoss: 0.48371, loss: 0.48371, top1: 0.90625, batch\_cost: 7.30758s, reader\_cost: 6.55679, ips: 17.51606 images/sec

[2024/03/04 14:36:38] ppcls INFO: [Eval][Epoch 97][Avg]CELoss: 0.48371, loss: 0.48371, top1: 0.90625

[2024/03/04 14:36:38] ppcls INFO: [Eval][Epoch 97][best metric: 0.9296875]

[2024/03/04 14:36:39] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_97

[2024/03/04 14:36:40] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:36:44] ppcls INFO: [Train][Epoch 98/100][Iter: 0/4]lr(LinearWarmup): 0.10303729, CELoss: 1.21791, loss: 1.21791, batch\_cost: 4.84046s, reader\_cost: 3.98737, ips: 26.44378 samples/s, eta: 0:00:58

[2024/03/04 14:37:00] ppcls INFO: [Train][Epoch 98/100][Avg]CELoss: 1.12150, loss: 1.12150

[2024/03/04 14:37:08] ppcls INFO: [Eval][Epoch 98][Iter: 0/2]CELoss: 0.45465, loss: 0.45465, top1: 0.92188, batch\_cost: 7.23039s, reader\_cost: 6.54391, ips: 17.70305 images/sec

[2024/03/04 14:37:08] ppcls INFO: [Eval][Epoch 98][Avg]CELoss: 0.45465, loss: 0.45465, top1: 0.92188

[2024/03/04 14:37:08] ppcls INFO: [Eval][Epoch 98][best metric: 0.9296875]

[2024/03/04 14:37:09] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_98

[2024/03/04 14:37:10] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 14:37:14] ppcls INFO: [Train][Epoch 99/100][Iter: 0/4]lr(LinearWarmup): 0.09605249, CELoss: 1.22464, loss: 1.22464, batch\_cost: 4.83781s, reader\_cost: 3.98481, ips: 26.45824 samples/s, eta: 0:00:38

[2024/03/04 14:37:30] ppcls INFO: [Train][Epoch 99/100][Avg]CELoss: 1.08737, loss: 1.08737

[2024/03/04 14:37:37] ppcls INFO: [Eval][Epoch 99][Iter: 0/2]CELoss: 0.43819, loss: 0.43819, top1: 0.89844, batch\_cost: 7.28854s, reader\_cost: 6.52928, ips: 17.56183 images/sec

[2024/03/04 14:37:37] ppcls INFO: [Eval][Epoch 99][Avg]CELoss: 0.43819, loss: 0.43819, top1: 0.89844

[2024/03/04 14:37:37] ppcls INFO: [Eval][Epoch 99][best metric: 0.9296875]

[2024/03/04 14:37:38] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_99

[2024/03/04 14:37:39] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

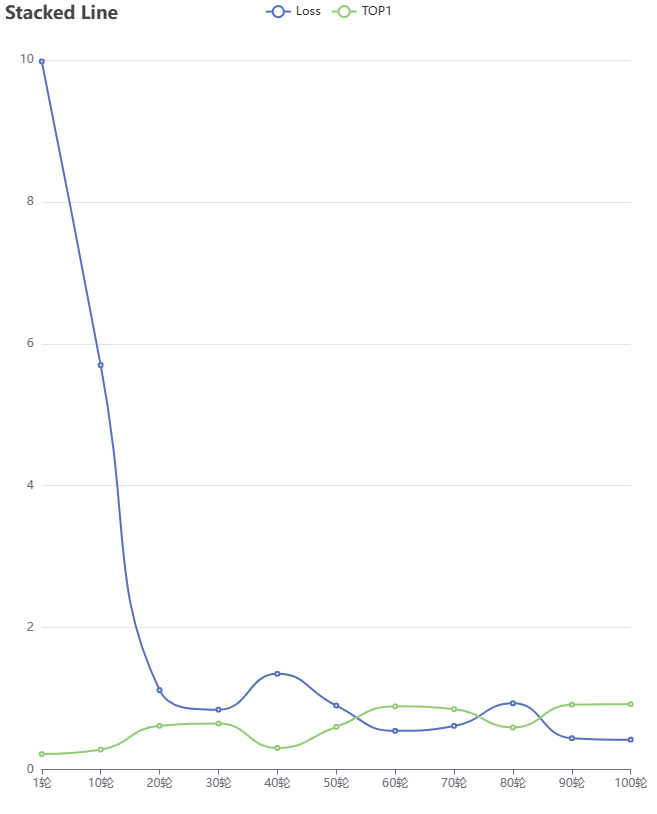
[2024/03/04 14:37:45] ppcls INFO: [Train][Epoch 100/100][Iter: 0/4]lr(LinearWarmup): 0.08928040, CELoss: 1.21679, loss: 1.21679, batch\_cost: 4.83482s, reader\_cost: 3.98156, ips: 26.47460 samples/s, eta: 0:00:19

[2024/03/04 14:38:01] ppcls INFO: [Train][Epoch 100/100][Avg]CELoss: 1.14858, loss: 1.14858

[2024/03/04 14:38:09] ppcls INFO: [Eval][Epoch 100][Iter: 0/2]CELoss: 0.42103, loss: 0.42103, top1: 0.92188, batch\_cost: 7.90575s, reader\_cost: 7.27804, ips: 16.19074 images/sec

[2024/03/04 14:38:09] ppcls INFO: [Eval][Epoch 100][Avg]CELoss: 0.42103, loss: 0.42103, top1: 0.92188

[2024/03/04 14:38:09] ppcls INFO: [Eval][Epoch 100][best metric: 0.9296875]



##### 1.5.2.5 HG-Block + LDS Layer-0.4

[2024/03/04 14:45:37] ppcls INFO: [Train][Epoch 1/100][Iter: 0/4]lr(LinearWarmup): 0.01600000, CELoss: 1.50972, loss: 1.50972, batch\_cost: 7.82264s, reader\_cost: 4.64359, ips: 16.36277 samples/s, eta: 0:52:09

[2024/03/04 14:45:50] ppcls INFO: [Train][Epoch 1/100][Avg]CELoss: 1.63510, loss: 1.63510

[2024/03/04 14:45:58] ppcls INFO: [Eval][Epoch 1][Iter: 0/2]CELoss: 10428.87402, loss: 10428.87402, top1: 0.27344, batch\_cost: 7.38679s, reader\_cost: 6.64135, ips: 17.32824 images/sec

[2024/03/04 14:45:58] ppcls INFO: [Eval][Epoch 1][Avg]CELoss: 10428.87402, loss: 10428.87402, top1: 0.27344

[2024/03/04 14:45:59] ppcls INFO: [Eval][Epoch 1][best metric: 0.2734375]

[2024/03/04 14:46:05] ppcls INFO: [Train][Epoch 2/100][Iter: 0/4]lr(LinearWarmup): 0.08000000, CELoss: 1.51380, loss: 1.51380, batch\_cost: 4.71002s, reader\_cost: 3.43177, ips: 27.17609 samples/s, eta: 0:31:05

[2024/03/04 14:46:21] ppcls INFO: [Train][Epoch 2/100][Avg]CELoss: 1.95833, loss: 1.95833

[2024/03/04 14:46:28] ppcls INFO: [Eval][Epoch 2][Iter: 0/2]CELoss: 172041273344.00000, loss: 172041273344.00000, top1: 0.29688, batch\_cost: 7.25229s, reader\_cost: 6.58455, ips: 17.64959 images/sec

[2024/03/04 14:46:29] ppcls INFO: [Eval][Epoch 2][Avg]CELoss: 172041273344.00000, loss: 172041273344.00000, top1: 0.29688

[2024/03/04 14:46:30] ppcls INFO: [Eval][Epoch 2][best metric: 0.296875]

[2024/03/04 14:46:37] ppcls INFO: [Train][Epoch 3/100][Iter: 0/4]lr(LinearWarmup): 0.14400000, CELoss: 2.09538, loss: 2.09538, batch\_cost: 4.60341s, reader\_cost: 3.50896, ips: 27.80549 samples/s, eta: 0:30:04

[2024/03/04 14:46:52] ppcls INFO: [Train][Epoch 3/100][Avg]CELoss: 1.80389, loss: 1.80389

[2024/03/04 14:47:00] ppcls INFO: [Eval][Epoch 3][Iter: 0/2]CELoss: 1959941111808.00000, loss: 1959941111808.00000, top1: 0.21875, batch\_cost: 7.42933s, reader\_cost: 6.67336, ips: 17.22900 images/sec

[2024/03/04 14:47:00] ppcls INFO: [Eval][Epoch 3][Avg]CELoss: 1959941111808.00000, loss: 1959941111808.00000, top1: 0.21875

[2024/03/04 14:47:00] ppcls INFO: [Eval][Epoch 3][best metric: 0.296875]

[2024/03/04 14:47:07] ppcls INFO: [Train][Epoch 4/100][Iter: 0/4]lr(LinearWarmup): 0.20800000, CELoss: 2.00617, loss: 2.00617, batch\_cost: 4.61698s, reader\_cost: 3.58898, ips: 27.72377 samples/s, eta: 0:29:51

[2024/03/04 14:47:23] ppcls INFO: [Train][Epoch 4/100][Avg]CELoss: 1.81071, loss: 1.81071

[2024/03/04 14:47:30] ppcls INFO: [Eval][Epoch 4][Iter: 0/2]CELoss: 25237016576.00000, loss: 25237016576.00000, top1: 0.39844, batch\_cost: 7.38316s, reader\_cost: 6.77319, ips: 17.33676 images/sec

[2024/03/04 14:47:30] ppcls INFO: [Eval][Epoch 4][Avg]CELoss: 25237016576.00000, loss: 25237016576.00000, top1: 0.39844

[2024/03/04 14:47:31] ppcls INFO: [Eval][Epoch 4][best metric: 0.3984375]

[2024/03/04 14:47:39] ppcls INFO: [Train][Epoch 5/100][Iter: 0/4]lr(LinearWarmup): 0.27200000, CELoss: 1.38433, loss: 1.38433, batch\_cost: 4.63827s, reader\_cost: 3.65780, ips: 27.59648 samples/s, eta: 0:29:41

[2024/03/04 14:47:55] ppcls INFO: [Train][Epoch 5/100][Avg]CELoss: 1.46537, loss: 1.46537

[2024/03/04 14:48:03] ppcls INFO: [Eval][Epoch 5][Iter: 0/2]CELoss: 174015104.00000, loss: 174015104.00000, top1: 0.39844, batch\_cost: 7.47984s, reader\_cost: 6.80909, ips: 17.11266 images/sec

[2024/03/04 14:48:03] ppcls INFO: [Eval][Epoch 5][Avg]CELoss: 174015104.00000, loss: 174015104.00000, top1: 0.39844

[2024/03/04 14:48:03] ppcls INFO: [Eval][Epoch 5][best metric: 0.3984375]

[2024/03/04 14:48:10] ppcls INFO: [Train][Epoch 6/100][Iter: 0/4]lr(LinearWarmup): 0.33600000, CELoss: 1.39533, loss: 1.39533, batch\_cost: 4.61631s, reader\_cost: 3.65982, ips: 27.72776 samples/s, eta: 0:29:14

[2024/03/04 14:48:25] ppcls INFO: [Train][Epoch 6/100][Avg]CELoss: 1.41299, loss: 1.41299

[2024/03/04 14:48:33] ppcls INFO: [Eval][Epoch 6][Iter: 0/2]CELoss: 2470211.00000, loss: 2470211.00000, top1: 0.08594, batch\_cost: 7.27555s, reader\_cost: 6.69050, ips: 17.59318 images/sec

[2024/03/04 14:48:33] ppcls INFO: [Eval][Epoch 6][Avg]CELoss: 2470211.00000, loss: 2470211.00000, top1: 0.08594

[2024/03/04 14:48:33] ppcls INFO: [Eval][Epoch 6][best metric: 0.3984375]

[2024/03/04 14:48:40] ppcls INFO: [Train][Epoch 7/100][Iter: 0/4]lr(LinearWarmup): 0.40000000, CELoss: 1.41928, loss: 1.41928, batch\_cost: 4.58452s, reader\_cost: 3.64403, ips: 27.92006 samples/s, eta: 0:28:43

[2024/03/04 14:48:56] ppcls INFO: [Train][Epoch 7/100][Avg]CELoss: 1.55977, loss: 1.55977

[2024/03/04 14:49:04] ppcls INFO: [Eval][Epoch 7][Iter: 0/2]CELoss: 18601.04883, loss: 18601.04883, top1: 0.21875, batch\_cost: 7.35431s, reader\_cost: 6.73937, ips: 17.40475 images/sec

[2024/03/04 14:49:04] ppcls INFO: [Eval][Epoch 7][Avg]CELoss: 18601.04883, loss: 18601.04883, top1: 0.21875

[2024/03/04 14:49:04] ppcls INFO: [Eval][Epoch 7][best metric: 0.3984375]

[2024/03/04 14:49:11] ppcls INFO: [Train][Epoch 8/100][Iter: 0/4]lr(LinearWarmup): 0.39993001, CELoss: 1.37904, loss: 1.37904, batch\_cost: 4.59673s, reader\_cost: 3.66864, ips: 27.84590 samples/s, eta: 0:28:29

[2024/03/04 14:49:27] ppcls INFO: [Train][Epoch 8/100][Avg]CELoss: 1.39540, loss: 1.39540

[2024/03/04 14:49:34] ppcls INFO: [Eval][Epoch 8][Iter: 0/2]CELoss: 6.22549, loss: 6.22549, top1: 0.38281, batch\_cost: 7.40312s, reader\_cost: 6.71541, ips: 17.29000 images/sec

[2024/03/04 14:49:34] ppcls INFO: [Eval][Epoch 8][Avg]CELoss: 6.22549, loss: 6.22549, top1: 0.38281

[2024/03/04 14:49:34] ppcls INFO: [Eval][Epoch 8][best metric: 0.3984375]

[2024/03/04 14:49:42] ppcls INFO: [Train][Epoch 9/100][Iter: 0/4]lr(LinearWarmup): 0.39972011, CELoss: 1.39957, loss: 1.39957, batch\_cost: 4.60441s, reader\_cost: 3.69032, ips: 27.79946 samples/s, eta: 0:28:14

[2024/03/04 14:49:57] ppcls INFO: [Train][Epoch 9/100][Avg]CELoss: 1.38113, loss: 1.38113

[2024/03/04 14:50:04] ppcls INFO: [Eval][Epoch 9][Iter: 0/2]CELoss: 1.37140, loss: 1.37140, top1: 0.39844, batch\_cost: 7.41145s, reader\_cost: 6.75388, ips: 17.27058 images/sec

[2024/03/04 14:50:05] ppcls INFO: [Eval][Epoch 9][Avg]CELoss: 1.37140, loss: 1.37140, top1: 0.39844

[2024/03/04 14:50:05] ppcls INFO: [Eval][Epoch 9][best metric: 0.3984375]

[2024/03/04 14:50:12] ppcls INFO: [Train][Epoch 10/100][Iter: 0/4]lr(LinearWarmup): 0.39937043, CELoss: 1.38171, loss: 1.38171, batch\_cost: 4.59655s, reader\_cost: 3.69084, ips: 27.84700 samples/s, eta: 0:27:53

[2024/03/04 14:50:27] ppcls INFO: [Train][Epoch 10/100][Avg]CELoss: 1.38222, loss: 1.38222

[2024/03/04 14:50:35] ppcls INFO: [Eval][Epoch 10][Iter: 0/2]CELoss: 1.34943, loss: 1.34943, top1: 0.39844, batch\_cost: 7.42022s, reader\_cost: 6.71482, ips: 17.25015 images/sec

[2024/03/04 14:50:35] ppcls INFO: [Eval][Epoch 10][Avg]CELoss: 1.34943, loss: 1.34943, top1: 0.39844

[2024/03/04 14:50:35] ppcls INFO: [Eval][Epoch 10][best metric: 0.3984375]

[2024/03/04 14:50:43] ppcls INFO: [Train][Epoch 11/100][Iter: 0/4]lr(LinearWarmup): 0.39888121, CELoss: 1.36455, loss: 1.36455, batch\_cost: 4.59385s, reader\_cost: 3.69668, ips: 27.86333 samples/s, eta: 0:27:33

[2024/03/04 14:50:58] ppcls INFO: [Train][Epoch 11/100][Avg]CELoss: 1.37716, loss: 1.37716

[2024/03/04 14:51:05] ppcls INFO: [Eval][Epoch 11][Iter: 0/2]CELoss: 1.34261, loss: 1.34261, top1: 0.39844, batch\_cost: 7.35849s, reader\_cost: 6.72311, ips: 17.39488 images/sec

[2024/03/04 14:51:06] ppcls INFO: [Eval][Epoch 11][Avg]CELoss: 1.34261, loss: 1.34261, top1: 0.39844

[2024/03/04 14:51:06] ppcls INFO: [Eval][Epoch 11][best metric: 0.3984375]

[2024/03/04 14:51:13] ppcls INFO: [Train][Epoch 12/100][Iter: 0/4]lr(LinearWarmup): 0.39825281, CELoss: 1.37186, loss: 1.37186, batch\_cost: 4.58298s, reader\_cost: 3.68718, ips: 27.92945 samples/s, eta: 0:27:11

[2024/03/04 14:51:28] ppcls INFO: [Train][Epoch 12/100][Avg]CELoss: 1.36610, loss: 1.36610

[2024/03/04 14:51:36] ppcls INFO: [Eval][Epoch 12][Iter: 0/2]CELoss: 1.36900, loss: 1.36900, top1: 0.39844, batch\_cost: 7.46113s, reader\_cost: 6.71412, ips: 17.15557 images/sec

[2024/03/04 14:51:36] ppcls INFO: [Eval][Epoch 12][Avg]CELoss: 1.36900, loss: 1.36900, top1: 0.39844

[2024/03/04 14:51:36] ppcls INFO: [Eval][Epoch 12][best metric: 0.3984375]

[2024/03/04 14:51:44] ppcls INFO: [Train][Epoch 13/100][Iter: 0/4]lr(LinearWarmup): 0.39748567, CELoss: 1.34181, loss: 1.34181, batch\_cost: 4.59314s, reader\_cost: 3.70395, ips: 27.86766 samples/s, eta: 0:26:56

[2024/03/04 14:52:00] ppcls INFO: [Train][Epoch 13/100][Avg]CELoss: 1.36168, loss: 1.36168

[2024/03/04 14:52:07] ppcls INFO: [Eval][Epoch 13][Iter: 0/2]CELoss: 1.36524, loss: 1.36524, top1: 0.39844, batch\_cost: 7.36375s, reader\_cost: 6.70794, ips: 17.38244 images/sec

[2024/03/04 14:52:07] ppcls INFO: [Eval][Epoch 13][Avg]CELoss: 1.36524, loss: 1.36524, top1: 0.39844

[2024/03/04 14:52:07] ppcls INFO: [Eval][Epoch 13][best metric: 0.3984375]

[2024/03/04 14:52:14] ppcls INFO: [Train][Epoch 14/100][Iter: 0/4]lr(LinearWarmup): 0.39658031, CELoss: 1.35864, loss: 1.35864, batch\_cost: 4.59170s, reader\_cost: 3.70873, ips: 27.87640 samples/s, eta: 0:26:37

[2024/03/04 14:52:30] ppcls INFO: [Train][Epoch 14/100][Avg]CELoss: 1.35536, loss: 1.35536

[2024/03/04 14:52:37] ppcls INFO: [Eval][Epoch 14][Iter: 0/2]CELoss: 1.37337, loss: 1.37337, top1: 0.25000, batch\_cost: 7.46019s, reader\_cost: 6.69862, ips: 17.15774 images/sec

[2024/03/04 14:52:38] ppcls INFO: [Eval][Epoch 14][Avg]CELoss: 1.37337, loss: 1.37337, top1: 0.25000

[2024/03/04 14:52:38] ppcls INFO: [Eval][Epoch 14][best metric: 0.3984375]

[2024/03/04 14:52:44] ppcls INFO: [Train][Epoch 15/100][Iter: 0/4]lr(LinearWarmup): 0.39553737, CELoss: 1.33091, loss: 1.33091, batch\_cost: 4.58236s, reader\_cost: 3.70241, ips: 27.93318 samples/s, eta: 0:26:16

[2024/03/04 14:53:00] ppcls INFO: [Train][Epoch 15/100][Avg]CELoss: 1.32675, loss: 1.32675

[2024/03/04 14:53:08] ppcls INFO: [Eval][Epoch 15][Iter: 0/2]CELoss: 1.28070, loss: 1.28070, top1: 0.46875, batch\_cost: 7.52456s, reader\_cost: 6.80214, ips: 17.01097 images/sec

[2024/03/04 14:53:08] ppcls INFO: [Eval][Epoch 15][Avg]CELoss: 1.28070, loss: 1.28070, top1: 0.46875

[2024/03/04 14:53:09] ppcls INFO: [Eval][Epoch 15][best metric: 0.46875]

[2024/03/04 14:53:16] ppcls INFO: [Train][Epoch 16/100][Iter: 0/4]lr(LinearWarmup): 0.39435759, CELoss: 1.35677, loss: 1.35677, batch\_cost: 4.58439s, reader\_cost: 3.70777, ips: 27.92083 samples/s, eta: 0:25:58

[2024/03/04 14:53:32] ppcls INFO: [Train][Epoch 16/100][Avg]CELoss: 1.34735, loss: 1.34735

[2024/03/04 14:53:40] ppcls INFO: [Eval][Epoch 16][Iter: 0/2]CELoss: 1.53449, loss: 1.53449, top1: 0.15625, batch\_cost: 7.47397s, reader\_cost: 6.79175, ips: 17.12611 images/sec

[2024/03/04 14:53:40] ppcls INFO: [Eval][Epoch 16][Avg]CELoss: 1.53449, loss: 1.53449, top1: 0.15625

[2024/03/04 14:53:40] ppcls INFO: [Eval][Epoch 16][best metric: 0.46875]

[2024/03/04 14:53:47] ppcls INFO: [Train][Epoch 17/100][Iter: 0/4]lr(LinearWarmup): 0.39304178, CELoss: 1.32610, loss: 1.32610, batch\_cost: 4.59029s, reader\_cost: 3.71725, ips: 27.88493 samples/s, eta: 0:25:42

[2024/03/04 14:54:03] ppcls INFO: [Train][Epoch 17/100][Avg]CELoss: 1.32609, loss: 1.32609

[2024/03/04 14:54:10] ppcls INFO: [Eval][Epoch 17][Iter: 0/2]CELoss: 1.49187, loss: 1.49187, top1: 0.28125, batch\_cost: 7.38857s, reader\_cost: 6.73276, ips: 17.32406 images/sec

[2024/03/04 14:54:10] ppcls INFO: [Eval][Epoch 17][Avg]CELoss: 1.49187, loss: 1.49187, top1: 0.28125

[2024/03/04 14:54:10] ppcls INFO: [Eval][Epoch 17][best metric: 0.46875]

[2024/03/04 14:54:18] ppcls INFO: [Train][Epoch 18/100][Iter: 0/4]lr(LinearWarmup): 0.39159088, CELoss: 1.30657, loss: 1.30657, batch\_cost: 4.59876s, reader\_cost: 3.72636, ips: 27.83357 samples/s, eta: 0:25:26

[2024/03/04 14:54:33] ppcls INFO: [Train][Epoch 18/100][Avg]CELoss: 1.30566, loss: 1.30566

[2024/03/04 14:54:40] ppcls INFO: [Eval][Epoch 18][Iter: 0/2]CELoss: 1.07389, loss: 1.07389, top1: 0.59375, batch\_cost: 7.30172s, reader\_cost: 6.57750, ips: 17.53011 images/sec

[2024/03/04 14:54:41] ppcls INFO: [Eval][Epoch 18][Avg]CELoss: 1.07389, loss: 1.07389, top1: 0.59375

[2024/03/04 14:54:42] ppcls INFO: [Eval][Epoch 18][best metric: 0.59375]

[2024/03/04 14:54:49] ppcls INFO: [Train][Epoch 19/100][Iter: 0/4]lr(LinearWarmup): 0.39000588, CELoss: 1.29665, loss: 1.29665, batch\_cost: 4.58117s, reader\_cost: 3.71182, ips: 27.94043 samples/s, eta: 0:25:02

[2024/03/04 14:55:05] ppcls INFO: [Train][Epoch 19/100][Avg]CELoss: 1.30853, loss: 1.30853

[2024/03/04 14:55:13] ppcls INFO: [Eval][Epoch 19][Iter: 0/2]CELoss: 1.98968, loss: 1.98968, top1: 0.10938, batch\_cost: 8.08121s, reader\_cost: 7.34252, ips: 15.83920 images/sec

[2024/03/04 14:55:14] ppcls INFO: [Eval][Epoch 19][Avg]CELoss: 1.98968, loss: 1.98968, top1: 0.10938

[2024/03/04 14:55:14] ppcls INFO: [Eval][Epoch 19][best metric: 0.59375]

[2024/03/04 14:55:22] ppcls INFO: [Train][Epoch 20/100][Iter: 0/4]lr(LinearWarmup): 0.38828792, CELoss: 1.32562, loss: 1.32562, batch\_cost: 4.57995s, reader\_cost: 3.71337, ips: 27.94789 samples/s, eta: 0:24:43

[2024/03/04 14:55:39] ppcls INFO: [Train][Epoch 20/100][Avg]CELoss: 1.33839, loss: 1.33839

[2024/03/04 14:55:47] ppcls INFO: [Eval][Epoch 20][Iter: 0/2]CELoss: 1.45756, loss: 1.45756, top1: 0.30469, batch\_cost: 8.03546s, reader\_cost: 7.39842, ips: 15.92940 images/sec

[2024/03/04 14:55:48] ppcls INFO: [Eval][Epoch 20][Avg]CELoss: 1.45756, loss: 1.45756, top1: 0.30469

[2024/03/04 14:55:48] ppcls INFO: [Eval][Epoch 20][best metric: 0.59375]

[2024/03/04 14:55:55] ppcls INFO: [Train][Epoch 21/100][Iter: 0/4]lr(LinearWarmup): 0.38643817, CELoss: 1.23073, loss: 1.23073, batch\_cost: 4.59542s, reader\_cost: 3.72825, ips: 27.85383 samples/s, eta: 0:24:30

[2024/03/04 14:56:11] ppcls INFO: [Train][Epoch 21/100][Avg]CELoss: 1.29089, loss: 1.29089

[2024/03/04 14:56:18] ppcls INFO: [Eval][Epoch 21][Iter: 0/2]CELoss: 1.21257, loss: 1.21257, top1: 0.54688, batch\_cost: 7.31345s, reader\_cost: 6.60622, ips: 17.50201 images/sec

[2024/03/04 14:56:18] ppcls INFO: [Eval][Epoch 21][Avg]CELoss: 1.21257, loss: 1.21257, top1: 0.54688

[2024/03/04 14:56:18] ppcls INFO: [Eval][Epoch 21][best metric: 0.59375]

[2024/03/04 14:56:26] ppcls INFO: [Train][Epoch 22/100][Iter: 0/4]lr(LinearWarmup): 0.38445795, CELoss: 1.24317, loss: 1.24317, batch\_cost: 4.59047s, reader\_cost: 3.72425, ips: 27.88383 samples/s, eta: 0:24:10

[2024/03/04 14:56:41] ppcls INFO: [Train][Epoch 22/100][Avg]CELoss: 1.28348, loss: 1.28348

[2024/03/04 14:56:48] ppcls INFO: [Eval][Epoch 22][Iter: 0/2]CELoss: 1.56075, loss: 1.56075, top1: 0.30469, batch\_cost: 7.28598s, reader\_cost: 6.60645, ips: 17.56800 images/sec

[2024/03/04 14:56:48] ppcls INFO: [Eval][Epoch 22][Avg]CELoss: 1.56075, loss: 1.56075, top1: 0.30469

[2024/03/04 14:56:48] ppcls INFO: [Eval][Epoch 22][best metric: 0.59375]

[2024/03/04 14:56:55] ppcls INFO: [Train][Epoch 23/100][Iter: 0/4]lr(LinearWarmup): 0.38234864, CELoss: 1.15915, loss: 1.15915, batch\_cost: 4.58687s, reader\_cost: 3.71959, ips: 27.90572 samples/s, eta: 0:23:51

[2024/03/04 14:57:10] ppcls INFO: [Train][Epoch 23/100][Avg]CELoss: 1.25095, loss: 1.25095

[2024/03/04 14:57:17] ppcls INFO: [Eval][Epoch 23][Iter: 0/2]CELoss: 1.80191, loss: 1.80191, top1: 0.28906, batch\_cost: 7.33563s, reader\_cost: 6.61154, ips: 17.44909 images/sec

[2024/03/04 14:57:18] ppcls INFO: [Eval][Epoch 23][Avg]CELoss: 1.80191, loss: 1.80191, top1: 0.28906

[2024/03/04 14:57:18] ppcls INFO: [Eval][Epoch 23][best metric: 0.59375]

[2024/03/04 14:57:24] ppcls INFO: [Train][Epoch 24/100][Iter: 0/4]lr(LinearWarmup): 0.38011170, CELoss: 1.37867, loss: 1.37867, batch\_cost: 4.57308s, reader\_cost: 3.70765, ips: 27.98988 samples/s, eta: 0:23:28

[2024/03/04 14:57:40] ppcls INFO: [Train][Epoch 24/100][Avg]CELoss: 1.33693, loss: 1.33693

[2024/03/04 14:57:47] ppcls INFO: [Eval][Epoch 24][Iter: 0/2]CELoss: 1.40755, loss: 1.40755, top1: 0.29688, batch\_cost: 7.32277s, reader\_cost: 6.58052, ips: 17.47972 images/sec

[2024/03/04 14:57:47] ppcls INFO: [Eval][Epoch 24][Avg]CELoss: 1.40755, loss: 1.40755, top1: 0.29688

[2024/03/04 14:57:47] ppcls INFO: [Eval][Epoch 24][best metric: 0.59375]

[2024/03/04 14:57:55] ppcls INFO: [Train][Epoch 25/100][Iter: 0/4]lr(LinearWarmup): 0.37774872, CELoss: 1.30339, loss: 1.30339, batch\_cost: 4.57674s, reader\_cost: 3.71094, ips: 27.96751 samples/s, eta: 0:23:11

[2024/03/04 14:58:10] ppcls INFO: [Train][Epoch 25/100][Avg]CELoss: 1.29356, loss: 1.29356

[2024/03/04 14:58:17] ppcls INFO: [Eval][Epoch 25][Iter: 0/2]CELoss: 1.04900, loss: 1.04900, top1: 0.60156, batch\_cost: 7.29749s, reader\_cost: 6.56543, ips: 17.54027 images/sec

[2024/03/04 14:58:17] ppcls INFO: [Eval][Epoch 25][Avg]CELoss: 1.04900, loss: 1.04900, top1: 0.60156

[2024/03/04 14:58:18] ppcls INFO: [Eval][Epoch 25][best metric: 0.6015625]

[2024/03/04 14:58:26] ppcls INFO: [Train][Epoch 26/100][Iter: 0/4]lr(LinearWarmup): 0.37526134, CELoss: 1.33983, loss: 1.33983, batch\_cost: 4.57380s, reader\_cost: 3.70714, ips: 27.98550 samples/s, eta: 0:22:52

[2024/03/04 14:58:41] ppcls INFO: [Train][Epoch 26/100][Avg]CELoss: 1.30414, loss: 1.30414

[2024/03/04 14:58:48] ppcls INFO: [Eval][Epoch 26][Iter: 0/2]CELoss: 1.12635, loss: 1.12635, top1: 0.49219, batch\_cost: 7.18771s, reader\_cost: 6.59395, ips: 17.80817 images/sec

[2024/03/04 14:58:49] ppcls INFO: [Eval][Epoch 26][Avg]CELoss: 1.12635, loss: 1.12635, top1: 0.49219

[2024/03/04 14:58:49] ppcls INFO: [Eval][Epoch 26][best metric: 0.6015625]

[2024/03/04 14:58:55] ppcls INFO: [Train][Epoch 27/100][Iter: 0/4]lr(LinearWarmup): 0.37265130, CELoss: 1.30068, loss: 1.30068, batch\_cost: 4.56690s, reader\_cost: 3.69929, ips: 28.02779 samples/s, eta: 0:22:31

[2024/03/04 14:59:11] ppcls INFO: [Train][Epoch 27/100][Avg]CELoss: 1.28929, loss: 1.28929

[2024/03/04 14:59:18] ppcls INFO: [Eval][Epoch 27][Iter: 0/2]CELoss: 0.97437, loss: 0.97437, top1: 0.64844, batch\_cost: 7.33768s, reader\_cost: 6.58980, ips: 17.44420 images/sec

[2024/03/04 14:59:18] ppcls INFO: [Eval][Epoch 27][Avg]CELoss: 0.97437, loss: 0.97437, top1: 0.64844

[2024/03/04 14:59:19] ppcls INFO: [Eval][Epoch 27][best metric: 0.6484375]

[2024/03/04 14:59:27] ppcls INFO: [Train][Epoch 28/100][Iter: 0/4]lr(LinearWarmup): 0.36992043, CELoss: 1.29367, loss: 1.29367, batch\_cost: 4.56124s, reader\_cost: 3.69553, ips: 28.06255 samples/s, eta: 0:22:11

[2024/03/04 14:59:43] ppcls INFO: [Train][Epoch 28/100][Avg]CELoss: 1.24969, loss: 1.24969

[2024/03/04 14:59:50] ppcls INFO: [Eval][Epoch 28][Iter: 0/2]CELoss: 0.99334, loss: 0.99334, top1: 0.50781, batch\_cost: 7.24410s, reader\_cost: 6.60453, ips: 17.66955 images/sec

[2024/03/04 14:59:50] ppcls INFO: [Eval][Epoch 28][Avg]CELoss: 0.99334, loss: 0.99334, top1: 0.50781

[2024/03/04 14:59:50] ppcls INFO: [Eval][Epoch 28][best metric: 0.6484375]

[2024/03/04 14:59:57] ppcls INFO: [Train][Epoch 29/100][Iter: 0/4]lr(LinearWarmup): 0.36707064, CELoss: 1.23473, loss: 1.23473, batch\_cost: 4.56436s, reader\_cost: 3.70063, ips: 28.04339 samples/s, eta: 0:21:54

[2024/03/04 15:00:13] ppcls INFO: [Train][Epoch 29/100][Avg]CELoss: 1.33657, loss: 1.33657

[2024/03/04 15:00:20] ppcls INFO: [Eval][Epoch 29][Iter: 0/2]CELoss: 1.09792, loss: 1.09792, top1: 0.46875, batch\_cost: 7.31608s, reader\_cost: 6.59770, ips: 17.49571 images/sec

[2024/03/04 15:00:20] ppcls INFO: [Eval][Epoch 29][Avg]CELoss: 1.09792, loss: 1.09792, top1: 0.46875

[2024/03/04 15:00:20] ppcls INFO: [Eval][Epoch 29][best metric: 0.6484375]

[2024/03/04 15:00:21] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\epoch\_29

[2024/03/04 15:00:23] ppcls INFO: Already save model in ./output/pphgnet\PPHGNet\_base\latest

[2024/03/04 15:00:28] ppcls INFO: [Train][Epoch 30/100][Iter: 0/4]lr(LinearWarmup): 0.36410392, CELoss: 1.28512, loss: 1.28512, batch\_cost: 4.55750s, reader\_cost: 3.69493, ips: 28.08557 samples/s, eta: 0:21:34

[2024/03/04 15:00:44] ppcls INFO: [Train][Epoch 30/100][Avg]CELoss: 1.29100, loss: 1.29100

[2024/03/04 15:00:51] ppcls INFO: [Eval][Epoch 30][Iter: 0/2]CELoss: 1.80302, loss: 1.80302, top1: 0.45312, batch\_cost: 7.50731s, reader\_cost: 6.75781, ips: 17.05004 images/sec

[2024/03/04 15:00:52] ppcls INFO: [Eval][Epoch 30][Avg]CELoss: 1.80302, loss: 1.80302, top1: 0.45312

[2024/03/04 15:00:52] ppcls INFO: [Eval][Epoch 30][best metric: 0.6484375]

[2024/03/04 15:00:59] ppcls INFO: [Train][Epoch 31/100][Iter: 0/4]lr(LinearWarmup): 0.36102236, CELoss: 1.27664, loss: 1.27664, batch\_cost: 4.56893s, reader\_cost: 3.70656, ips: 28.01532 samples/s, eta: 0:21:19

[2024/03/04 15:01:14] ppcls INFO: [Train][Epoch 31/100][Avg]CELoss: 1.32008, loss: 1.32008

[2024/03/04 15:01:21] ppcls INFO: [Eval][Epoch 31][Iter: 0/2]CELoss: 1.32690, loss: 1.32690, top1: 0.49219, batch\_cost: 7.30545s, reader\_cost: 6.63619, ips: 17.52115 images/sec

[2024/03/04 15:01:22] ppcls INFO: [Eval][Epoch 31][Avg]CELoss: 1.32690, loss: 1.32690, top1: 0.49219

[2024/03/04 15:01:22] ppcls INFO: [Eval][Epoch 31][best metric: 0.6484375]

[2024/03/04 15:01:29] ppcls INFO: [Train][Epoch 32/100][Iter: 0/4]lr(LinearWarmup): 0.35782810, CELoss: 1.15419, loss: 1.15419, batch\_cost: 4.56903s, reader\_cost: 3.70621, ips: 28.01470 samples/s, eta: 0:21:01

[2024/03/04 15:01:45] ppcls INFO: [Train][Epoch 32/100][Avg]CELoss: 1.25975, loss: 1.25975

[2024/03/04 15:01:52] ppcls INFO: [Eval][Epoch 32][Iter: 0/2]CELoss: 1.01122, loss: 1.01122, top1: 0.58594, batch\_cost: 7.44273s, reader\_cost: 6.70021, ips: 17.19799 images/sec

[2024/03/04 15:01:52] ppcls INFO: [Eval][Epoch 32][Avg]CELoss: 1.01122, loss: 1.01122, top1: 0.58594

[2024/03/04 15:01:52] ppcls INFO: [Eval][Epoch 32][best metric: 0.6484375]

[2024/03/04 15:01:59] ppcls INFO: [Train][Epoch 33/100][Iter: 0/4]lr(LinearWarmup): 0.35452339, CELoss: 1.29742, loss: 1.29742, batch\_cost: 4.56526s, reader\_cost: 3.70381, ips: 28.03786 samples/s, eta: 0:20:41

[2024/03/04 15:02:15] ppcls INFO: [Train][Epoch 33/100][Avg]CELoss: 1.27713, loss: 1.27713

[2024/03/04 15:02:22] ppcls INFO: [Eval][Epoch 33][Iter: 0/2]CELoss: 0.99380, loss: 0.99380, top1: 0.59375, batch\_cost: 7.29968s, reader\_cost: 6.60716, ips: 17.53501 images/sec

[2024/03/04 15:02:23] ppcls INFO: [Eval][Epoch 33][Avg]CELoss: 0.99380, loss: 0.99380, top1: 0.59375

[2024/03/04 15:02:23] ppcls INFO: [Eval][Epoch 33][best metric: 0.6484375]

[2024/03/04 15:02:29] ppcls INFO: [Train][Epoch 34/100][Iter: 0/4]lr(LinearWarmup): 0.35111053, CELoss: 1.20868, loss: 1.20868, batch\_cost: 4.56318s, reader\_cost: 3.70193, ips: 28.05060 samples/s, eta: 0:20:22

[2024/03/04 15:02:45] ppcls INFO: [Train][Epoch 34/100][Avg]CELoss: 1.26022, loss: 1.26022

[2024/03/04 15:02:52] ppcls INFO: [Eval][Epoch 34][Iter: 0/2]CELoss: 1.60838, loss: 1.60838, top1: 0.48438, batch\_cost: 7.37807s, reader\_cost: 6.69585, ips: 17.34870 images/sec

[2024/03/04 15:02:52] ppcls INFO: [Eval][Epoch 34][Avg]CELoss: 1.60838, loss: 1.60838, top1: 0.48438

[2024/03/04 15:02:52] ppcls INFO: [Eval][Epoch 34][best metric: 0.6484375]

[2024/03/04 15:02:59] ppcls INFO: [Train][Epoch 35/100][Iter: 0/4]lr(LinearWarmup): 0.34759192, CELoss: 1.27669, loss: 1.27669, batch\_cost: 4.55842s, reader\_cost: 3.69757, ips: 28.07988 samples/s, eta: 0:20:03

[2024/03/04 15:03:16] ppcls INFO: [Train][Epoch 35/100][Avg]CELoss: 1.28924, loss: 1.28924

[2024/03/04 15:03:23] ppcls INFO: [Eval][Epoch 35][Iter: 0/2]CELoss: 0.97035, loss: 0.97035, top1: 0.57031, batch\_cost: 7.54218s, reader\_cost: 6.78870, ips: 16.97122 images/sec

[2024/03/04 15:03:24] ppcls INFO: [Eval][Epoch 35][Avg]CELoss: 0.97035, loss: 0.97035, top1: 0.57031

[2024/03/04 15:03:24] ppcls INFO: [Eval][Epoch 35][best metric: 0.6484375]

[2024/03/04 15:03:31] ppcls INFO: [Train][Epoch 36/100][Iter: 0/4]lr(LinearWarmup): 0.34397002, CELoss: 1.32399, loss: 1.32399, batch\_cost: 4.56580s, reader\_cost: 3.70408, ips: 28.03449 samples/s, eta: 0:19:47

[2024/03/04 15:03:47] ppcls INFO: [Train][Epoch 36/100][Avg]CELoss: 1.22475, loss: 1.22475

[2024/03/04 15:03:58] ppcls INFO: [Eval][Epoch 36][Iter: 0/2]CELoss: 1.23034, loss: 1.23034, top1: 0.50000, batch\_cost: 11.08900s, reader\_cost: 10.33926, ips: 11.54297 images/sec

[2024/03/04 15:03:59] ppcls INFO: [Eval][Epoch 36][Avg]CELoss: 1.23034, loss: 1.23034, top1: 0.50000

[2024/03/04 15:03:59] ppcls INFO: [Eval][Epoch 36][best metric: 0.6484375]

[2024/03/04 15:04:09] ppcls INFO: [Train][Epoch 37/100][Iter: 0/4]lr(LinearWarmup): 0.34024736, CELoss: 1.32318, loss: 1.32318, batch\_cost: 4.58460s, reader\_cost: 3.72367, ips: 27.91958 samples/s, eta: 0:19:33

[2024/03/04 15:04:35] ppcls INFO: [Train][Epoch 37/100][Avg]CELoss: 1.25789, loss: 1.25789

[2024/03/04 15:04:48] ppcls INFO: [Eval][Epoch 37][Iter: 0/2]CELoss: 1.46774, loss: 1.46774, top1: 0.29688, batch\_cost: 12.36085s, reader\_cost: 11.72165, ips: 10.35528 images/sec

[2024/03/04 15:04:49] ppcls INFO: [Eval][Epoch 37][Avg]CELoss: 1.46774, loss: 1.46774, top1: 0.29688

[2024/03/04 15:04:49] ppcls INFO: [Eval][Epoch 37][best metric: 0.6484375]

[2024/03/04 15:04:58] ppcls INFO: [Train][Epoch 38/100][Iter: 0/4]lr(LinearWarmup): 0.33642654, CELoss: 1.31415, loss: 1.31415, batch\_cost: 4.65644s, reader\_cost: 3.79617, ips: 27.48880 samples/s, eta: 0:19:33

[2024/03/04 15:05:25] ppcls INFO: [Train][Epoch 38/100][Avg]CELoss: 1.31189, loss: 1.31189

[2024/03/04 15:05:38] ppcls INFO: [Eval][Epoch 38][Iter: 0/2]CELoss: 1.43225, loss: 1.43225, top1: 0.30469, batch\_cost: 12.35375s, reader\_cost: 11.59644, ips: 10.36122 images/sec

[2024/03/04 15:05:39] ppcls INFO: [Eval][Epoch 38][Avg]CELoss: 1.43225, loss: 1.43225, top1: 0.30469

[2024/03/04 15:05:39] ppcls INFO: [Eval][Epoch 38][best metric: 0.6484375]

[2024/03/04 15:05:48] ppcls INFO: [Train][Epoch 39/100][Iter: 0/4]lr(LinearWarmup): 0.33251025, CELoss: 1.27684, loss: 1.27684, batch\_cost: 4.72307s, reader\_cost: 3.86271, ips: 27.10101 samples/s, eta: 0:19:31

[2024/03/04 15:06:14] ppcls INFO: [Train][Epoch 39/100][Avg]CELoss: 1.21354, loss: 1.21354

[2024/03/04 15:06:27] ppcls INFO: [Eval][Epoch 39][Iter: 0/2]CELoss: 0.97636, loss: 0.97636, top1: 0.60156, batch\_cost: 12.22175s, reader\_cost: 11.62192, ips: 10.47313 images/sec

[2024/03/04 15:06:28] ppcls INFO: [Eval][Epoch 39][Avg]CELoss: 0.97636, loss: 0.97636, top1: 0.60156

[2024/03/04 15:06:28] ppcls INFO: [Eval][Epoch 39][best metric: 0.6484375]

[2024/03/04 15:06:37] ppcls INFO: [Train][Epoch 40/100][Iter: 0/4]lr(LinearWarmup): 0.32850122, CELoss: 1.36094, loss: 1.36094, batch\_cost: 4.78768s, reader\_cost: 3.92713, ips: 26.73530 samples/s, eta: 0:19:28

[2024/03/04 15:07:04] ppcls INFO: [Train][Epoch 40/100][Avg]CELoss: 1.28019, loss: 1.28019

[2024/03/04 15:07:17] ppcls INFO: [Eval][Epoch 40][Iter: 0/2]CELoss: 0.95473, loss: 0.95473, top1: 0.64062, batch\_cost: 12.35369s, reader\_cost: 11.64179, ips: 10.36127 images/sec

[2024/03/04 15:07:18] ppcls INFO: [Eval][Epoch 40][Avg]CELoss: 0.95473, loss: 0.95473, top1: 0.64062

[2024/03/04 15:07:18] ppcls INFO: [Eval][Epoch 40][best metric: 0.6484375]

[2024/03/04 15:07:28] ppcls INFO: [Train][Epoch 41/100][Iter: 0/4]lr(LinearWarmup): 0.32440226, CELoss: 1.14762, loss: 1.14762, batch\_cost: 4.86118s, reader\_cost: 4.00029, ips: 26.33104 samples/s, eta: 0:19:26

[2024/03/04 15:07:54] ppcls INFO: [Train][Epoch 41/100][Avg]CELoss: 1.25029, loss: 1.25029

[2024/03/04 15:08:06] ppcls INFO: [Eval][Epoch 41][Iter: 0/2]CELoss: 0.90510, loss: 0.90510, top1: 0.69531, batch\_cost: 12.39751s, reader\_cost: 11.66537, ips: 10.32466 images/sec

[2024/03/04 15:08:07] ppcls INFO: [Eval][Epoch 41][Avg]CELoss: 0.90510, loss: 0.90510, top1: 0.69531

[2024/03/04 15:08:08] ppcls INFO: [Eval][Epoch 41][best metric: 0.6953125]

[2024/03/04 15:08:19] ppcls INFO: [Train][Epoch 42/100][Iter: 0/4]lr(LinearWarmup): 0.32021623, CELoss: 1.27413, loss: 1.27413, batch\_cost: 4.91984s, reader\_cost: 4.05875, ips: 26.01711 samples/s, eta: 0:19:21

[2024/03/04 15:08:41] ppcls INFO: [Train][Epoch 42/100][Avg]CELoss: 1.29468, loss: 1.29468

[2024/03/04 15:08:49] ppcls INFO: [Eval][Epoch 42][Iter: 0/2]CELoss: 1.22440, loss: 1.22440, top1: 0.43750, batch\_cost: 7.37393s, reader\_cost: 6.74131, ips: 17.35844 images/sec

[2024/03/04 15:08:49] ppcls INFO: [Eval][Epoch 42][Avg]CELoss: 1.22440, loss: 1.22440, top1: 0.43750

[2024/03/04 15:08:49] ppcls INFO: [Eval][Epoch 42][best metric: 0.6953125]

[2024/03/04 15:08:56] ppcls INFO: [Train][Epoch 43/100][Iter: 0/4]lr(LinearWarmup): 0.31594607, CELoss: 1.17655, loss: 1.17655, batch\_cost: 4.94899s, reader\_cost: 4.08894, ips: 25.86388 samples/s, eta: 0:19:08

[2024/03/04 15:09:12] ppcls INFO: [Train][Epoch 43/100][Avg]CELoss: 1.27983, loss: 1.27983

[2024/03/04 15:09:19] ppcls INFO: [Eval][Epoch 43][Iter: 0/2]CELoss: 1.14842, loss: 1.14842, top1: 0.53125, batch\_cost: 7.44034s, reader\_cost: 6.79740, ips: 17.20351 images/sec

[2024/03/04 15:09:20] ppcls INFO: [Eval][Epoch 43][Avg]CELoss: 1.14842, loss: 1.14842, top1: 0.53125

[2024/03/04 15:09:20] ppcls INFO: [Eval][Epoch 43][best metric: 0.6953125]

[2024/03/04 15:09:27] ppcls INFO: [Train][Epoch 44/100][Iter: 0/4]lr(LinearWarmup): 0.31159476, CELoss: 1.26510, loss: 1.26510, batch\_cost: 4.93773s, reader\_cost: 4.07804, ips: 25.92287 samples/s, eta: 0:18:45

[2024/03/04 15:09:42] ppcls INFO: [Train][Epoch 44/100][Avg]CELoss: 1.25955, loss: 1.25955

[2024/03/04 15:09:50] ppcls INFO: [Eval][Epoch 44][Iter: 0/2]CELoss: 1.15913, loss: 1.15913, top1: 0.61719, batch\_cost: 7.32726s, reader\_cost: 6.71071, ips: 17.46901 images/sec

[2024/03/04 15:09:50] ppcls INFO: [Eval][Epoch 44][Avg]CELoss: 1.15913, loss: 1.15913, top1: 0.61719

[2024/03/04 15:09:50] ppcls INFO: [Eval][Epoch 44][best metric: 0.6953125]

[2024/03/04 15:09:59] ppcls INFO: [Train][Epoch 45/100][Iter: 0/4]lr(LinearWarmup): 0.30716536, CELoss: 1.16291, loss: 1.16291, batch\_cost: 4.93153s, reader\_cost: 4.07218, ips: 25.95541 samples/s, eta: 0:18:24

[2024/03/04 15:10:13] ppcls INFO: [Train][Epoch 45/100][Avg]CELoss: 1.25939, loss: 1.25939

[2024/03/04 15:10:21] ppcls INFO: [Eval][Epoch 45][Iter: 0/2]CELoss: 0.93946, loss: 0.93946, top1: 0.72656, batch\_cost: 7.36127s, reader\_cost: 6.62789, ips: 17.38831 images/sec

[2024/03/04 15:10:21] ppcls INFO: [Eval][Epoch 45][Avg]CELoss: 0.93946, loss: 0.93946, top1: 0.72656

[2024/03/04 15:10:22] ppcls INFO: [Eval][Epoch 45][best metric: 0.7265625]

[2024/03/04 15:10:29] ppcls INFO: [Train][Epoch 46/100][Iter: 0/4]lr(LinearWarmup): 0.30266095, CELoss: 1.29493, loss: 1.29493, batch\_cost: 4.91916s, reader\_cost: 4.06032, ips: 26.02069 samples/s, eta: 0:18:02

[2024/03/04 15:10:45] ppcls INFO: [Train][Epoch 46/100][Avg]CELoss: 1.19641, loss: 1.19641

[2024/03/04 15:10:52] ppcls INFO: [Eval][Epoch 46][Iter: 0/2]CELoss: 1.32332, loss: 1.32332, top1: 0.49219, batch\_cost: 7.27860s, reader\_cost: 6.61761, ips: 17.58579 images/sec

[2024/03/04 15:10:52] ppcls INFO: [Eval][Epoch 46][Avg]CELoss: 1.32332, loss: 1.32332, top1: 0.49219

[2024/03/04 15:10:52] ppcls INFO: [Eval][Epoch 46][best metric: 0.7265625]

[2024/03/04 15:11:00] ppcls INFO: [Train][Epoch 47/100][Iter: 0/4]lr(LinearWarmup): 0.29808470, CELoss: 1.12479, loss: 1.12479, batch\_cost: 4.91160s, reader\_cost: 4.05218, ips: 26.06074 samples/s, eta: 0:17:40

[2024/03/04 15:11:15] ppcls INFO: [Train][Epoch 47/100][Avg]CELoss: 1.25975, loss: 1.25975

[2024/03/04 15:11:22] ppcls INFO: [Eval][Epoch 47][Iter: 0/2]CELoss: 0.84180, loss: 0.84180, top1: 0.67969, batch\_cost: 7.19958s, reader\_cost: 6.60657, ips: 17.77880 images/sec

[2024/03/04 15:11:22] ppcls INFO: [Eval][Epoch 47][Avg]CELoss: 0.84180, loss: 0.84180, top1: 0.67969

[2024/03/04 15:11:22] ppcls INFO: [Eval][Epoch 47][best metric: 0.7265625]

[2024/03/04 15:11:30] ppcls INFO: [Train][Epoch 48/100][Iter: 0/4]lr(LinearWarmup): 0.29343980, CELoss: 1.36398, loss: 1.36398, batch\_cost: 4.90136s, reader\_cost: 4.04188, ips: 26.11518 samples/s, eta: 0:17:19

[2024/03/04 15:11:45] ppcls INFO: [Train][Epoch 48/100][Avg]CELoss: 1.26276, loss: 1.26276

[2024/03/04 15:11:52] ppcls INFO: [Eval][Epoch 48][Iter: 0/2]CELoss: 0.96428, loss: 0.96428, top1: 0.66406, batch\_cost: 7.20993s, reader\_cost: 6.61243, ips: 17.75328 images/sec

[2024/03/04 15:11:53] ppcls INFO: [Eval][Epoch 48][Avg]CELoss: 0.96428, loss: 0.96428, top1: 0.66406

[2024/03/04 15:11:53] ppcls INFO: [Eval][Epoch 48][best metric: 0.7265625]

[2024/03/04 15:12:00] ppcls INFO: [Train][Epoch 49/100][Iter: 0/4]lr(LinearWarmup): 0.28872951, CELoss: 1.23991, loss: 1.23991, batch\_cost: 4.89400s, reader\_cost: 4.03495, ips: 26.15445 samples/s, eta: 0:16:57

[2024/03/04 15:12:15] ppcls INFO: [Train][Epoch 49/100][Avg]CELoss: 1.22500, loss: 1.22500

[2024/03/04 15:12:23] ppcls INFO: [Eval][Epoch 49][Iter: 0/2]CELoss: 0.73897, loss: 0.73897, top1: 0.79688, batch\_cost: 7.44691s, reader\_cost: 6.68717, ips: 17.18833 images/sec

[2024/03/04 15:12:23] ppcls INFO: [Eval][Epoch 49][Avg]CELoss: 0.73897, loss: 0.73897, top1: 0.79688

[2024/03/04 15:12:24] ppcls INFO: [Eval][Epoch 49][best metric: 0.796875]

[2024/03/04 15:12:31] ppcls INFO: [Train][Epoch 50/100][Iter: 0/4]lr(LinearWarmup): 0.28395712, CELoss: 1.15468, loss: 1.15468, batch\_cost: 4.89075s, reader\_cost: 4.03305, ips: 26.17187 samples/s, eta: 0:16:37

[2024/03/04 15:12:46] ppcls INFO: [Train][Epoch 50/100][Avg]CELoss: 1.24829, loss: 1.24829

[2024/03/04 15:12:54] ppcls INFO: [Eval][Epoch 50][Iter: 0/2]CELoss: 1.23002, loss: 1.23002, top1: 0.53125, batch\_cost: 7.31843s, reader\_cost: 6.67059, ips: 17.49010 images/sec

[2024/03/04 15:12:54] ppcls INFO: [Eval][Epoch 50][Avg]CELoss: 1.23002, loss: 1.23002, top1: 0.53125

[2024/03/04 15:12:54] ppcls INFO: [Eval][Epoch 50][best metric: 0.796875]

[2024/03/04 15:13:01] ppcls INFO: [Train][Epoch 51/100][Iter: 0/4]lr(LinearWarmup): 0.27912597, CELoss: 1.22563, loss: 1.22563, batch\_cost: 4.88281s, reader\_cost: 4.02557, ips: 26.21441 samples/s, eta: 0:16:16

[2024/03/04 15:13:16] ppcls INFO: [Train][Epoch 51/100][Avg]CELoss: 1.23174, loss: 1.23174

[2024/03/04 15:13:23] ppcls INFO: [Eval][Epoch 51][Iter: 0/2]CELoss: 1.41709, loss: 1.41709, top1: 0.32031, batch\_cost: 7.30794s, reader\_cost: 6.63120, ips: 17.51519 images/sec

[2024/03/04 15:13:24] ppcls INFO: [Eval][Epoch 51][Avg]CELoss: 1.41709, loss: 1.41709, top1: 0.32031

[2024/03/04 15:13:24] ppcls INFO: [Eval][Epoch 51][best metric: 0.796875]

[2024/03/04 15:13:31] ppcls INFO: [Train][Epoch 52/100][Iter: 0/4]lr(LinearWarmup): 0.27423945, CELoss: 1.06807, loss: 1.06807, batch\_cost: 4.87611s, reader\_cost: 4.01861, ips: 26.25042 samples/s, eta: 0:15:55

[2024/03/04 15:13:47] ppcls INFO: [Train][Epoch 52/100][Avg]CELoss: 1.23830, loss: 1.23830

[2024/03/04 15:13:54] ppcls INFO: [Eval][Epoch 52][Iter: 0/2]CELoss: 1.14659, loss: 1.14659, top1: 0.55469, batch\_cost: 7.24378s, reader\_cost: 6.60489, ips: 17.67034 images/sec

[2024/03/04 15:13:54] ppcls INFO: [Eval][Epoch 52][Avg]CELoss: 1.14659, loss: 1.14659, top1: 0.55469

[2024/03/04 15:13:54] ppcls INFO: [Eval][Epoch 52][best metric: 0.796875]

[2024/03/04 15:14:02] ppcls INFO: [Train][Epoch 53/100][Iter: 0/4]lr(LinearWarmup): 0.26930097, CELoss: 1.33537, loss: 1.33537, batch\_cost: 4.87077s, reader\_cost: 4.01327, ips: 26.27921 samples/s, eta: 0:15:35

[2024/03/04 15:14:17] ppcls INFO: [Train][Epoch 53/100][Avg]CELoss: 1.25066, loss: 1.25066

[2024/03/04 15:14:25] ppcls INFO: [Eval][Epoch 53][Iter: 0/2]CELoss: 1.42626, loss: 1.42626, top1: 0.31250, batch\_cost: 7.39845s, reader\_cost: 6.64746, ips: 17.30091 images/sec

[2024/03/04 15:14:25] ppcls INFO: [Eval][Epoch 53][Avg]CELoss: 1.42626, loss: 1.42626, top1: 0.31250

[2024/03/04 15:14:25] ppcls INFO: [Eval][Epoch 53][best metric: 0.796875]

[2024/03/04 15:14:32] ppcls INFO: [Train][Epoch 54/100][Iter: 0/4]lr(LinearWarmup): 0.26431399, CELoss: 1.20902, loss: 1.20902, batch\_cost: 4.86443s, reader\_cost: 4.00727, ips: 26.31347 samples/s, eta: 0:15:14

[2024/03/04 15:14:47] ppcls INFO: [Train][Epoch 54/100][Avg]CELoss: 1.27751, loss: 1.27751

[2024/03/04 15:14:55] ppcls INFO: [Eval][Epoch 54][Iter: 0/2]CELoss: 1.02481, loss: 1.02481, top1: 0.64062, batch\_cost: 7.36809s, reader\_cost: 6.73620, ips: 17.37221 images/sec

[2024/03/04 15:14:55] ppcls INFO: [Eval][Epoch 54][Avg]CELoss: 1.02481, loss: 1.02481, top1: 0.64062

[2024/03/04 15:14:55] ppcls INFO: [Eval][Epoch 54][best metric: 0.796875]

[2024/03/04 15:15:02] ppcls INFO: [Train][Epoch 55/100][Iter: 0/4]lr(LinearWarmup): 0.25928200, CELoss: 1.23452, loss: 1.23452, batch\_cost: 4.85939s, reader\_cost: 4.00175, ips: 26.34076 samples/s, eta: 0:14:54

[2024/03/04 15:15:18] ppcls INFO: [Train][Epoch 55/100][Avg]CELoss: 1.22609, loss: 1.22609

[2024/03/04 15:15:25] ppcls INFO: [Eval][Epoch 55][Iter: 0/2]CELoss: 1.79413, loss: 1.79413, top1: 0.29688, batch\_cost: 7.48407s, reader\_cost: 6.73985, ips: 17.10300 images/sec

[2024/03/04 15:15:26] ppcls INFO: [Eval][Epoch 55][Avg]CELoss: 1.79413, loss: 1.79413, top1: 0.29688

[2024/03/04 15:15:26] ppcls INFO: [Eval][Epoch 55][best metric: 0.796875]

[2024/03/04 15:15:33] ppcls INFO: [Train][Epoch 56/100][Iter: 0/4]lr(LinearWarmup): 0.25420852, CELoss: 1.28354, loss: 1.28354, batch\_cost: 4.85608s, reader\_cost: 3.99887, ips: 26.35872 samples/s, eta: 0:14:34

[2024/03/04 15:15:48] ppcls INFO: [Train][Epoch 56/100][Avg]CELoss: 1.18449, loss: 1.18449

[2024/03/04 15:15:55] ppcls INFO: [Eval][Epoch 56][Iter: 0/2]CELoss: 0.80502, loss: 0.80502, top1: 0.78906, batch\_cost: 7.56291s, reader\_cost: 6.95122, ips: 16.92470 images/sec

[2024/03/04 15:15:56] ppcls INFO: [Eval][Epoch 56][Avg]CELoss: 0.80502, loss: 0.80502, top1: 0.78906

[2024/03/04 15:15:56] ppcls INFO: [Eval][Epoch 56][best metric: 0.796875]

[2024/03/04 15:16:03] ppcls INFO: [Train][Epoch 57/100][Iter: 0/4]lr(LinearWarmup): 0.24909710, CELoss: 1.28211, loss: 1.28211, batch\_cost: 4.84556s, reader\_cost: 3.98899, ips: 26.41594 samples/s, eta: 0:14:12

[2024/03/04 15:16:20] ppcls INFO: [Train][Epoch 57/100][Avg]CELoss: 1.24505, loss: 1.24505

[2024/03/04 15:16:31] ppcls INFO: [Eval][Epoch 57][Iter: 0/2]CELoss: 1.53001, loss: 1.53001, top1: 0.29688, batch\_cost: 10.32094s, reader\_cost: 9.71398, ips: 12.40197 images/sec

[2024/03/04 15:16:31] ppcls INFO: [Eval][Epoch 57][Avg]CELoss: 1.53001, loss: 1.53001, top1: 0.29688

[2024/03/04 15:16:31] ppcls INFO: [Eval][Epoch 57][best metric: 0.796875]

[2024/03/04 15:16:38] ppcls INFO: [Train][Epoch 58/100][Iter: 0/4]lr(LinearWarmup): 0.24395132, CELoss: 1.26567, loss: 1.26567, batch\_cost: 4.84482s, reader\_cost: 3.98789, ips: 26.41999 samples/s, eta: 0:13:53

[2024/03/04 15:16:53] ppcls INFO: [Train][Epoch 58/100][Avg]CELoss: 1.19283, loss: 1.19283

[2024/03/04 15:17:00] ppcls INFO: [Eval][Epoch 58][Iter: 0/2]CELoss: 1.53690, loss: 1.53690, top1: 0.29688, batch\_cost: 7.13958s, reader\_cost: 6.50176, ips: 17.92823 images/sec

[2024/03/04 15:17:01] ppcls INFO: [Eval][Epoch 58][Avg]CELoss: 1.53690, loss: 1.53690, top1: 0.29688

[2024/03/04 15:17:01] ppcls INFO: [Eval][Epoch 58][best metric: 0.796875]

[2024/03/04 15:17:08] ppcls INFO: [Train][Epoch 59/100][Iter: 0/4]lr(LinearWarmup): 0.23877478, CELoss: 1.13929, loss: 1.13929, batch\_cost: 4.84239s, reader\_cost: 3.98559, ips: 26.43325 samples/s, eta: 0:13:33

[2024/03/04 15:17:23] ppcls INFO: [Train][Epoch 59/100][Avg]CELoss: 1.24781, loss: 1.24781

[2024/03/04 15:17:30] ppcls INFO: [Eval][Epoch 59][Iter: 0/2]CELoss: 1.54042, loss: 1.54042, top1: 0.31250, batch\_cost: 7.15182s, reader\_cost: 6.54585, ips: 17.89754 images/sec

[2024/03/04 15:17:31] ppcls INFO: [Eval][Epoch 59][Avg]CELoss: 1.54042, loss: 1.54042, top1: 0.31250

[2024/03/04 15:17:31] ppcls INFO: [Eval][Epoch 59][best metric: 0.796875]

[2024/03/04 15:17:37] ppcls INFO: [Train][Epoch 60/100][Iter: 0/4]lr(LinearWarmup): 0.23357110, CELoss: 1.20114, loss: 1.20114, batch\_cost: 4.83315s, reader\_cost: 3.97672, ips: 26.48376 samples/s, eta: 0:13:12

[2024/03/04 15:17:53] ppcls INFO: [Train][Epoch 60/100][Avg]CELoss: 1.19878, loss: 1.19878

[2024/03/04 15:18:00] ppcls INFO: [Eval][Epoch 60][Iter: 0/2]CELoss: 1.55025, loss: 1.55025, top1: 0.35938, batch\_cost: 7.32020s, reader\_cost: 6.55814, ips: 17.48586 images/sec

[2024/03/04 15:18:01] ppcls INFO: [Eval][Epoch 60][Avg]CELoss: 1.55025, loss: 1.55025, top1: 0.35938

[2024/03/04 15:18:01] ppcls INFO: [Eval][Epoch 60][best metric: 0.796875]

[2024/03/04 15:18:07] ppcls INFO: [Train][Epoch 61/100][Iter: 0/4]lr(LinearWarmup): 0.22834393, CELoss: 1.08315, loss: 1.08315, batch\_cost: 4.82741s, reader\_cost: 3.97145, ips: 26.51524 samples/s, eta: 0:12:52

[2024/03/04 15:18:24] ppcls INFO: [Train][Epoch 61/100][Avg]CELoss: 1.16637, loss: 1.16637

[2024/03/04 15:18:31] ppcls INFO: [Eval][Epoch 61][Iter: 0/2]CELoss: 1.57645, loss: 1.57645, top1: 0.32031, batch\_cost: 7.25211s, reader\_cost: 6.60128, ips: 17.65004 images/sec

[2024/03/04 15:18:31] ppcls INFO: [Eval][Epoch 61][Avg]CELoss: 1.57645, loss: 1.57645, top1: 0.32031

[2024/03/04 15:18:31] ppcls INFO: [Eval][Epoch 61][best metric: 0.796875]

[2024/03/04 15:18:38] ppcls INFO: [Train][Epoch 62/100][Iter: 0/4]lr(LinearWarmup): 0.22309693, CELoss: 1.02697, loss: 1.02697, batch\_cost: 4.82541s, reader\_cost: 3.96960, ips: 26.52624 samples/s, eta: 0:12:32

[2024/03/04 15:18:54] ppcls INFO: [Train][Epoch 62/100][Avg]CELoss: 1.22061, loss: 1.22061

[2024/03/04 15:19:02] ppcls INFO: [Eval][Epoch 62][Iter: 0/2]CELoss: 1.03186, loss: 1.03186, top1: 0.53906, batch\_cost: 7.40406s, reader\_cost: 6.76850, ips: 17.28782 images/sec

[2024/03/04 15:19:02] ppcls INFO: [Eval][Epoch 62][Avg]CELoss: 1.03186, loss: 1.03186, top1: 0.53906

[2024/03/04 15:19:02] ppcls INFO: [Eval][Epoch 62][best metric: 0.796875]

[2024/03/04 15:19:09] ppcls INFO: [Train][Epoch 63/100][Iter: 0/4]lr(LinearWarmup): 0.21783376, CELoss: 1.26574, loss: 1.26574, batch\_cost: 4.82259s, reader\_cost: 3.96679, ips: 26.54175 samples/s, eta: 0:12:13

[2024/03/04 15:19:25] ppcls INFO: [Train][Epoch 63/100][Avg]CELoss: 1.23303, loss: 1.23303

[2024/03/04 15:19:32] ppcls INFO: [Eval][Epoch 63][Iter: 0/2]CELoss: 0.87436, loss: 0.87436, top1: 0.71875, batch\_cost: 7.41776s, reader\_cost: 6.66029, ips: 17.25588 images/sec

[2024/03/04 15:19:33] ppcls INFO: [Eval][Epoch 63][Avg]CELoss: 0.87436, loss: 0.87436, top1: 0.71875

[2024/03/04 15:19:33] ppcls INFO: [Eval][Epoch 63][best metric: 0.796875]

[2024/03/04 15:19:41] ppcls INFO: [Train][Epoch 64/100][Iter: 0/4]lr(LinearWarmup): 0.21255810, CELoss: 1.25272, loss: 1.25272, batch\_cost: 4.82139s, reader\_cost: 3.96590, ips: 26.54835 samples/s, eta: 0:11:53

[2024/03/04 15:20:09] ppcls INFO: [Train][Epoch 64/100][Avg]CELoss: 1.24835, loss: 1.24835

[2024/03/04 15:20:21] ppcls INFO: [Eval][Epoch 64][Iter: 0/2]CELoss: 1.41896, loss: 1.41896, top1: 0.31250, batch\_cost: 12.28826s, reader\_cost: 11.58260, ips: 10.41644 images/sec

[2024/03/04 15:20:22] ppcls INFO: [Eval][Epoch 64][Avg]CELoss: 1.41896, loss: 1.41896, top1: 0.31250

[2024/03/04 15:20:22] ppcls INFO: [Eval][Epoch 64][best metric: 0.796875]

[2024/03/04 15:20:33] ppcls INFO: [Train][Epoch 65/100][Iter: 0/4]lr(LinearWarmup): 0.20727366, CELoss: 1.06415, loss: 1.06415, batch\_cost: 4.86764s, reader\_cost: 4.01306, ips: 26.29609 samples/s, eta: 0:11:40

[2024/03/04 15:20:59] ppcls INFO: [Train][Epoch 65/100][Avg]CELoss: 1.18116, loss: 1.18116

[2024/03/04 15:21:11] ppcls INFO: [Eval][Epoch 65][Iter: 0/2]CELoss: 1.29891, loss: 1.29891, top1: 0.39062, batch\_cost: 12.32035s, reader\_cost: 11.60783, ips: 10.38931 images/sec

[2024/03/04 15:21:12] ppcls INFO: [Eval][Epoch 65][Avg]CELoss: 1.29891, loss: 1.29891, top1: 0.39062

[2024/03/04 15:21:12] ppcls INFO: [Eval][Epoch 65][best metric: 0.796875]

[2024/03/04 15:21:22] ppcls INFO: [Train][Epoch 66/100][Iter: 0/4]lr(LinearWarmup): 0.20198413, CELoss: 1.10670, loss: 1.10670, batch\_cost: 4.90518s, reader\_cost: 4.05101, ips: 26.09489 samples/s, eta: 0:11:26

[2024/03/04 15:21:49] ppcls INFO: [Train][Epoch 66/100][Avg]CELoss: 1.14109, loss: 1.14109

[2024/03/04 15:22:01] ppcls INFO: [Eval][Epoch 66][Iter: 0/2]CELoss: 0.87796, loss: 0.87796, top1: 0.71094, batch\_cost: 12.41653s, reader\_cost: 11.64246, ips: 10.30883 images/sec

[2024/03/04 15:22:02] ppcls INFO: [Eval][Epoch 66][Avg]CELoss: 0.87796, loss: 0.87796, top1: 0.71094

[2024/03/04 15:22:02] ppcls INFO: [Eval][Epoch 66][best metric: 0.796875]

[2024/03/04 15:22:12] ppcls INFO: [Train][Epoch 67/100][Iter: 0/4]lr(LinearWarmup): 0.19669321, CELoss: 1.19224, loss: 1.19224, batch\_cost: 4.94227s, reader\_cost: 4.08847, ips: 25.89905 samples/s, eta: 0:11:12

[2024/03/04 15:22:29] ppcls INFO: [Train][Epoch 67/100][Avg]CELoss: 1.15933, loss: 1.15933

[2024/03/04 16:19:15] ppcls INFO: [Eval][Epoch 67][Iter: 0/2]CELoss: 0.57075, loss: 0.57075, top1: 0.89062, batch\_cost: 7.69174s, reader\_cost: 7.05088, ips: 16.64123 images/sec

[2024/03/04 16:19:15] ppcls INFO: [Eval][Epoch 67][Avg]CELoss: 0.57075, loss: 0.57075, top1: 0.89062

[2024/03/04 16:19:16] ppcls INFO: [Eval][Epoch 67][best metric: 0.890625]

[2024/03/04 16:19:23] ppcls INFO: [Train][Epoch 68/100][Iter: 0/4]lr(LinearWarmup): 0.19140461, CELoss: 1.16432, loss: 1.16432, batch\_cost: 4.93699s, reader\_cost: 4.08361, ips: 25.92675 samples/s, eta: 0:10:51

[2024/03/04 16:19:38] ppcls INFO: [Train][Epoch 68/100][Avg]CELoss: 1.19774, loss: 1.19774

[2024/03/04 16:19:45] ppcls INFO: [Eval][Epoch 68][Iter: 0/2]CELoss: 0.81454, loss: 0.81454, top1: 0.75781, batch\_cost: 7.18197s, reader\_cost: 6.52616, ips: 17.82242 images/sec

[2024/03/04 16:19:46] ppcls INFO: [Eval][Epoch 68][Avg]CELoss: 0.81454, loss: 0.81454, top1: 0.75781

[2024/03/04 16:19:46] ppcls INFO: [Eval][Epoch 68][best metric: 0.890625]

[2024/03/04 16:19:53] ppcls INFO: [Train][Epoch 69/100][Iter: 0/4]lr(LinearWarmup): 0.18612201, CELoss: 0.98225, loss: 0.98225, batch\_cost: 4.93155s, reader\_cost: 4.07797, ips: 25.95534 samples/s, eta: 0:10:31

[2024/03/04 16:20:08] ppcls INFO: [Train][Epoch 69/100][Avg]CELoss: 1.15975, loss: 1.15975

[2024/03/04 16:20:15] ppcls INFO: [Eval][Epoch 69][Iter: 0/2]CELoss: 0.86633, loss: 0.86633, top1: 0.71875, batch\_cost: 7.20684s, reader\_cost: 6.54604, ips: 17.76092 images/sec

[2024/03/04 16:20:15] ppcls INFO: [Eval][Epoch 69][Avg]CELoss: 0.86633, loss: 0.86633, top1: 0.71875

[2024/03/04 16:20:15] ppcls INFO: [Eval][Epoch 69][best metric: 0.890625]

[2024/03/04 16:20:22] ppcls INFO: [Train][Epoch 70/100][Iter: 0/4]lr(LinearWarmup): 0.18084914, CELoss: 1.05887, loss: 1.05887, batch\_cost: 4.92464s, reader\_cost: 4.07104, ips: 25.99174 samples/s, eta: 0:10:10

[2024/03/04 16:20:37] ppcls INFO: [Train][Epoch 70/100][Avg]CELoss: 1.19579, loss: 1.19579

[2024/03/04 16:20:45] ppcls INFO: [Eval][Epoch 70][Iter: 0/2]CELoss: 0.99979, loss: 0.99979, top1: 0.64844, batch\_cost: 7.65585s, reader\_cost: 7.04788, ips: 16.71924 images/sec

[2024/03/04 16:20:45] ppcls INFO: [Eval][Epoch 70][Avg]CELoss: 0.99979, loss: 0.99979, top1: 0.64844

[2024/03/04 16:20:45] ppcls INFO: [Eval][Epoch 70][best metric: 0.890625]

[2024/03/04 16:20:53] ppcls INFO: [Train][Epoch 71/100][Iter: 0/4]lr(LinearWarmup): 0.17558966, CELoss: 1.05087, loss: 1.05087, batch\_cost: 4.91869s, reader\_cost: 4.06512, ips: 26.02319 samples/s, eta: 0:09:50

[2024/03/04 16:21:08] ppcls INFO: [Train][Epoch 71/100][Avg]CELoss: 1.13999, loss: 1.13999

[2024/03/04 16:21:15] ppcls INFO: [Eval][Epoch 71][Iter: 0/2]CELoss: 1.54894, loss: 1.54894, top1: 0.50000, batch\_cost: 7.12493s, reader\_cost: 6.52992, ips: 17.96508 images/sec

[2024/03/04 16:21:16] ppcls INFO: [Eval][Epoch 71][Avg]CELoss: 1.54894, loss: 1.54894, top1: 0.50000

[2024/03/04 16:21:16] ppcls INFO: [Eval][Epoch 71][best metric: 0.890625]

[2024/03/04 16:21:23] ppcls INFO: [Train][Epoch 72/100][Iter: 0/4]lr(LinearWarmup): 0.17034727, CELoss: 1.23075, loss: 1.23075, batch\_cost: 4.91285s, reader\_cost: 4.05933, ips: 26.05414 samples/s, eta: 0:09:29

[2024/03/04 16:21:38] ppcls INFO: [Train][Epoch 72/100][Avg]CELoss: 1.19527, loss: 1.19527

[2024/03/04 16:21:45] ppcls INFO: [Eval][Epoch 72][Iter: 0/2]CELoss: 0.96505, loss: 0.96505, top1: 0.65625, batch\_cost: 7.32400s, reader\_cost: 6.61985, ips: 17.47678 images/sec

[2024/03/04 16:21:45] ppcls INFO: [Eval][Epoch 72][Avg]CELoss: 0.96505, loss: 0.96505, top1: 0.65625

[2024/03/04 16:21:45] ppcls INFO: [Eval][Epoch 72][best metric: 0.890625]

[2024/03/04 16:21:52] ppcls INFO: [Train][Epoch 73/100][Iter: 0/4]lr(LinearWarmup): 0.16512563, CELoss: 1.33337, loss: 1.33337, batch\_cost: 4.90549s, reader\_cost: 4.05199, ips: 26.09319 samples/s, eta: 0:09:09

[2024/03/04 16:22:08] ppcls INFO: [Train][Epoch 73/100][Avg]CELoss: 1.17185, loss: 1.17185

[2024/03/04 16:22:15] ppcls INFO: [Eval][Epoch 73][Iter: 0/2]CELoss: 1.54389, loss: 1.54389, top1: 0.48438, batch\_cost: 7.36189s, reader\_cost: 6.60192, ips: 17.38684 images/sec

[2024/03/04 16:22:16] ppcls INFO: [Eval][Epoch 73][Avg]CELoss: 1.54389, loss: 1.54389, top1: 0.48438

[2024/03/04 16:22:16] ppcls INFO: [Eval][Epoch 73][best metric: 0.890625]

[2024/03/04 16:22:22] ppcls INFO: [Train][Epoch 74/100][Iter: 0/4]lr(LinearWarmup): 0.15992840, CELoss: 1.33199, loss: 1.33199, batch\_cost: 4.89918s, reader\_cost: 4.04553, ips: 26.12684 samples/s, eta: 0:08:49

[2024/03/04 16:22:38] ppcls INFO: [Train][Epoch 74/100][Avg]CELoss: 1.23849, loss: 1.23849

[2024/03/04 16:22:45] ppcls INFO: [Eval][Epoch 74][Iter: 0/2]CELoss: 0.86346, loss: 0.86346, top1: 0.67969, batch\_cost: 7.21812s, reader\_cost: 6.60915, ips: 17.73316 images/sec

[2024/03/04 16:22:45] ppcls INFO: [Eval][Epoch 74][Avg]CELoss: 0.86346, loss: 0.86346, top1: 0.67969

[2024/03/04 16:22:45] ppcls INFO: [Eval][Epoch 74][best metric: 0.890625]

[2024/03/04 16:22:53] ppcls INFO: [Train][Epoch 75/100][Iter: 0/4]lr(LinearWarmup): 0.15475921, CELoss: 1.15685, loss: 1.15685, batch\_cost: 4.89740s, reader\_cost: 4.04384, ips: 26.13633 samples/s, eta: 0:08:29

[2024/03/04 16:23:09] ppcls INFO: [Train][Epoch 75/100][Avg]CELoss: 1.22147, loss: 1.22147

[2024/03/04 16:23:16] ppcls INFO: [Eval][Epoch 75][Iter: 0/2]CELoss: 0.92711, loss: 0.92711, top1: 0.70312, batch\_cost: 7.24671s, reader\_cost: 6.55722, ips: 17.66319 images/sec

[2024/03/04 16:23:17] ppcls INFO: [Eval][Epoch 75][Avg]CELoss: 0.92711, loss: 0.92711, top1: 0.70312

[2024/03/04 16:23:17] ppcls INFO: [Eval][Epoch 75][best metric: 0.890625]

[2024/03/04 16:23:23] ppcls INFO: [Train][Epoch 76/100][Iter: 0/4]lr(LinearWarmup): 0.14962169, CELoss: 1.22038, loss: 1.22038, batch\_cost: 4.89400s, reader\_cost: 4.04037, ips: 26.15448 samples/s, eta: 0:08:09

[2024/03/04 16:23:39] ppcls INFO: [Train][Epoch 76/100][Avg]CELoss: 1.20498, loss: 1.20498

[2024/03/04 16:23:47] ppcls INFO: [Eval][Epoch 76][Iter: 0/2]CELoss: 0.73538, loss: 0.73538, top1: 0.79688, batch\_cost: 7.26777s, reader\_cost: 6.56329, ips: 17.61201 images/sec

[2024/03/04 16:23:47] ppcls INFO: [Eval][Epoch 76][Avg]CELoss: 0.73538, loss: 0.73538, top1: 0.79688

[2024/03/04 16:23:47] ppcls INFO: [Eval][Epoch 76][best metric: 0.890625]

[2024/03/04 16:23:54] ppcls INFO: [Train][Epoch 77/100][Iter: 0/4]lr(LinearWarmup): 0.14451942, CELoss: 1.24226, loss: 1.24226, batch\_cost: 4.88899s, reader\_cost: 4.03589, ips: 26.18127 samples/s, eta: 0:07:49

[2024/03/04 16:24:10] ppcls INFO: [Train][Epoch 77/100][Avg]CELoss: 1.21009, loss: 1.21009

[2024/03/04 16:24:17] ppcls INFO: [Eval][Epoch 77][Iter: 0/2]CELoss: 1.05971, loss: 1.05971, top1: 0.57812, batch\_cost: 7.21849s, reader\_cost: 6.58461, ips: 17.73224 images/sec

[2024/03/04 16:24:17] ppcls INFO: [Eval][Epoch 77][Avg]CELoss: 1.05971, loss: 1.05971, top1: 0.57812

[2024/03/04 16:24:17] ppcls INFO: [Eval][Epoch 77][best metric: 0.890625]

[2024/03/04 16:24:25] ppcls INFO: [Train][Epoch 78/100][Iter: 0/4]lr(LinearWarmup): 0.13945598, CELoss: 1.15698, loss: 1.15698, batch\_cost: 4.88966s, reader\_cost: 4.03630, ips: 26.17770 samples/s, eta: 0:07:29

[2024/03/04 16:24:40] ppcls INFO: [Train][Epoch 78/100][Avg]CELoss: 1.20614, loss: 1.20614

[2024/03/04 16:24:47] ppcls INFO: [Eval][Epoch 78][Iter: 0/2]CELoss: 1.20800, loss: 1.20800, top1: 0.48438, batch\_cost: 7.28609s, reader\_cost: 6.63626, ips: 17.56773 images/sec

[2024/03/04 16:24:48] ppcls INFO: [Eval][Epoch 78][Avg]CELoss: 1.20800, loss: 1.20800, top1: 0.48438

[2024/03/04 16:24:48] ppcls INFO: [Eval][Epoch 78][best metric: 0.890625]

[2024/03/04 16:24:55] ppcls INFO: [Train][Epoch 79/100][Iter: 0/4]lr(LinearWarmup): 0.13443491, CELoss: 1.26808, loss: 1.26808, batch\_cost: 4.88138s, reader\_cost: 4.02832, ips: 26.22210 samples/s, eta: 0:07:09

[2024/03/04 16:25:10] ppcls INFO: [Train][Epoch 79/100][Avg]CELoss: 1.23659, loss: 1.23659

[2024/03/04 16:25:18] ppcls INFO: [Eval][Epoch 79][Iter: 0/2]CELoss: 0.90737, loss: 0.90737, top1: 0.60156, batch\_cost: 7.41159s, reader\_cost: 6.66757, ips: 17.27025 images/sec

[2024/03/04 16:25:18] ppcls INFO: [Eval][Epoch 79][Avg]CELoss: 0.90737, loss: 0.90737, top1: 0.60156

[2024/03/04 16:25:18] ppcls INFO: [Eval][Epoch 79][best metric: 0.890625]

[2024/03/04 16:25:26] ppcls INFO: [Train][Epoch 80/100][Iter: 0/4]lr(LinearWarmup): 0.12945973, CELoss: 1.06955, loss: 1.06955, batch\_cost: 4.87948s, reader\_cost: 4.02666, ips: 26.23231 samples/s, eta: 0:06:49

[2024/03/04 16:25:40] ppcls INFO: [Train][Epoch 80/100][Avg]CELoss: 1.17066, loss: 1.17066

[2024/03/04 16:25:48] ppcls INFO: [Eval][Epoch 80][Iter: 0/2]CELoss: 1.58277, loss: 1.58277, top1: 0.32812, batch\_cost: 7.19862s, reader\_cost: 6.58416, ips: 17.78119 images/sec

[2024/03/04 16:25:48] ppcls INFO: [Eval][Epoch 80][Avg]CELoss: 1.58277, loss: 1.58277, top1: 0.32812

[2024/03/04 16:25:48] ppcls INFO: [Eval][Epoch 80][best metric: 0.890625]

[2024/03/04 16:25:55] ppcls INFO: [Train][Epoch 81/100][Iter: 0/4]lr(LinearWarmup): 0.12453391, CELoss: 1.29979, loss: 1.29979, batch\_cost: 4.87514s, reader\_cost: 4.02248, ips: 26.25567 samples/s, eta: 0:06:30

[2024/03/04 16:26:10] ppcls INFO: [Train][Epoch 81/100][Avg]CELoss: 1.16971, loss: 1.16971

[2024/03/04 16:26:18] ppcls INFO: [Eval][Epoch 81][Iter: 0/2]CELoss: 1.07694, loss: 1.07694, top1: 0.52344, batch\_cost: 7.37554s, reader\_cost: 6.62903, ips: 17.35466 images/sec

[2024/03/04 16:26:18] ppcls INFO: [Eval][Epoch 81][Avg]CELoss: 1.07694, loss: 1.07694, top1: 0.52344

[2024/03/04 16:26:18] ppcls INFO: [Eval][Epoch 81][best metric: 0.890625]

[2024/03/04 16:26:25] ppcls INFO: [Train][Epoch 82/100][Iter: 0/4]lr(LinearWarmup): 0.11966092, CELoss: 1.15290, loss: 1.15290, batch\_cost: 4.87012s, reader\_cost: 4.01713, ips: 26.28271 samples/s, eta: 0:06:10

[2024/03/04 16:26:40] ppcls INFO: [Train][Epoch 82/100][Avg]CELoss: 1.03452, loss: 1.03452

[2024/03/04 16:26:48] ppcls INFO: [Eval][Epoch 82][Iter: 0/2]CELoss: 0.48739, loss: 0.48739, top1: 0.91406, batch\_cost: 7.50706s, reader\_cost: 6.74837, ips: 17.05062 images/sec

[2024/03/04 16:26:48] ppcls INFO: [Eval][Epoch 82][Avg]CELoss: 0.48739, loss: 0.48739, top1: 0.91406

[2024/03/04 16:26:49] ppcls INFO: [Eval][Epoch 82][best metric: 0.9140625]

[2024/03/04 16:26:56] ppcls INFO: [Train][Epoch 83/100][Iter: 0/4]lr(LinearWarmup): 0.11484414, CELoss: 1.13745, loss: 1.13745, batch\_cost: 4.86745s, reader\_cost: 4.01469, ips: 26.29712 samples/s, eta: 0:05:50

[2024/03/04 16:27:12] ppcls INFO: [Train][Epoch 83/100][Avg]CELoss: 1.09723, loss: 1.09723

[2024/03/04 16:27:19] ppcls INFO: [Eval][Epoch 83][Iter: 0/2]CELoss: 0.47855, loss: 0.47855, top1: 0.94531, batch\_cost: 7.33835s, reader\_cost: 6.69949, ips: 17.44261 images/sec

[2024/03/04 16:27:19] ppcls INFO: [Eval][Epoch 83][Avg]CELoss: 0.47855, loss: 0.47855, top1: 0.94531

[2024/03/04 16:27:20] ppcls INFO: [Eval][Epoch 83][best metric: 0.9453125]

[2024/03/04 16:27:27] ppcls INFO: [Train][Epoch 84/100][Iter: 0/4]lr(LinearWarmup): 0.11008696, CELoss: 1.11293, loss: 1.11293, batch\_cost: 4.86573s, reader\_cost: 4.01311, ips: 26.30641 samples/s, eta: 0:05:30

[2024/03/04 16:27:43] ppcls INFO: [Train][Epoch 84/100][Avg]CELoss: 1.08349, loss: 1.08349

[2024/03/04 16:27:50] ppcls INFO: [Eval][Epoch 84][Iter: 0/2]CELoss: 0.38207, loss: 0.38207, top1: 0.88281, batch\_cost: 7.27044s, reader\_cost: 6.66147, ips: 17.60554 images/sec

[2024/03/04 16:27:51] ppcls INFO: [Eval][Epoch 84][Avg]CELoss: 0.38207, loss: 0.38207, top1: 0.88281

[2024/03/04 16:27:51] ppcls INFO: [Eval][Epoch 84][best metric: 0.9453125]

[2024/03/04 16:27:59] ppcls INFO: [Train][Epoch 85/100][Iter: 0/4]lr(LinearWarmup): 0.10539271, CELoss: 1.00040, loss: 1.00040, batch\_cost: 4.86375s, reader\_cost: 4.01152, ips: 26.31714 samples/s, eta: 0:05:11

[2024/03/04 16:28:14] ppcls INFO: [Train][Epoch 85/100][Avg]CELoss: 1.11697, loss: 1.11697

[2024/03/04 16:28:21] ppcls INFO: [Eval][Epoch 85][Iter: 0/2]CELoss: 0.42971, loss: 0.42971, top1: 0.88281, batch\_cost: 7.36807s, reader\_cost: 6.70129, ips: 17.37227 images/sec

[2024/03/04 16:28:22] ppcls INFO: [Eval][Epoch 85][Avg]CELoss: 0.42971, loss: 0.42971, top1: 0.88281

[2024/03/04 16:28:22] ppcls INFO: [Eval][Epoch 85][best metric: 0.9453125]

[2024/03/04 16:28:29] ppcls INFO: [Train][Epoch 86/100][Iter: 0/4]lr(LinearWarmup): 0.10076467, CELoss: 1.14472, loss: 1.14472, batch\_cost: 4.85783s, reader\_cost: 4.00635, ips: 26.34920 samples/s, eta: 0:04:51

[2024/03/04 16:28:45] ppcls INFO: [Train][Epoch 86/100][Avg]CELoss: 1.13675, loss: 1.13675

[2024/03/04 16:28:52] ppcls INFO: [Eval][Epoch 86][Iter: 0/2]CELoss: 0.54859, loss: 0.54859, top1: 0.87500, batch\_cost: 7.36108s, reader\_cost: 6.63364, ips: 17.38876 images/sec

[2024/03/04 16:28:52] ppcls INFO: [Eval][Epoch 86][Avg]CELoss: 0.54859, loss: 0.54859, top1: 0.87500

[2024/03/04 16:28:52] ppcls INFO: [Eval][Epoch 86][best metric: 0.9453125]

[2024/03/04 16:28:59] ppcls INFO: [Train][Epoch 87/100][Iter: 0/4]lr(LinearWarmup): 0.09620609, CELoss: 1.02791, loss: 1.02791, batch\_cost: 4.85484s, reader\_cost: 4.00362, ips: 26.36542 samples/s, eta: 0:04:31

[2024/03/04 16:29:15] ppcls INFO: [Train][Epoch 87/100][Avg]CELoss: 1.07359, loss: 1.07359

[2024/03/04 16:29:22] ppcls INFO: [Eval][Epoch 87][Iter: 0/2]CELoss: 0.49139, loss: 0.49139, top1: 0.87500, batch\_cost: 7.35373s, reader\_cost: 6.60042, ips: 17.40614 images/sec

[2024/03/04 16:29:22] ppcls INFO: [Eval][Epoch 87][Avg]CELoss: 0.49139, loss: 0.49139, top1: 0.87500

[2024/03/04 16:29:22] ppcls INFO: [Eval][Epoch 87][best metric: 0.9453125]

[2024/03/04 16:29:30] ppcls INFO: [Train][Epoch 88/100][Iter: 0/4]lr(LinearWarmup): 0.09172014, CELoss: 1.21763, loss: 1.21763, batch\_cost: 4.85363s, reader\_cost: 4.00286, ips: 26.37203 samples/s, eta: 0:04:12

[2024/03/04 16:29:46] ppcls INFO: [Train][Epoch 88/100][Avg]CELoss: 1.00066, loss: 1.00066

[2024/03/04 16:29:53] ppcls INFO: [Eval][Epoch 88][Iter: 0/2]CELoss: 0.36882, loss: 0.36882, top1: 0.89844, batch\_cost: 7.26655s, reader\_cost: 6.64718, ips: 17.61497 images/sec

[2024/03/04 16:29:53] ppcls INFO: [Eval][Epoch 88][Avg]CELoss: 0.36882, loss: 0.36882, top1: 0.89844

[2024/03/04 16:29:53] ppcls INFO: [Eval][Epoch 88][best metric: 0.9453125]

[2024/03/04 16:30:00] ppcls INFO: [Train][Epoch 89/100][Iter: 0/4]lr(LinearWarmup): 0.08730997, CELoss: 1.11097, loss: 1.11097, batch\_cost: 4.85002s, reader\_cost: 3.99929, ips: 26.39166 samples/s, eta: 0:03:52

[2024/03/04 16:30:16] ppcls INFO: [Train][Epoch 89/100][Avg]CELoss: 1.23117, loss: 1.23117

[2024/03/04 16:30:23] ppcls INFO: [Eval][Epoch 89][Iter: 0/2]CELoss: 0.39592, loss: 0.39592, top1: 0.90625, batch\_cost: 7.26305s, reader\_cost: 6.63185, ips: 17.62344 images/sec

[2024/03/04 16:30:23] ppcls INFO: [Eval][Epoch 89][Avg]CELoss: 0.39592, loss: 0.39592, top1: 0.90625

[2024/03/04 16:30:23] ppcls INFO: [Eval][Epoch 89][best metric: 0.9453125]

[2024/03/04 16:30:30] ppcls INFO: [Train][Epoch 90/100][Iter: 0/4]lr(LinearWarmup): 0.08297867, CELoss: 1.20531, loss: 1.20531, batch\_cost: 4.84658s, reader\_cost: 3.99571, ips: 26.41040 samples/s, eta: 0:03:33

[2024/03/04 16:30:46] ppcls INFO: [Train][Epoch 90/100][Avg]CELoss: 1.16358, loss: 1.16358

[2024/03/04 16:30:53] ppcls INFO: [Eval][Epoch 90][Iter: 0/2]CELoss: 0.47281, loss: 0.47281, top1: 0.91406, batch\_cost: 7.31159s, reader\_cost: 6.62837, ips: 17.50645 images/sec

[2024/03/04 16:30:54] ppcls INFO: [Eval][Epoch 90][Avg]CELoss: 0.47281, loss: 0.47281, top1: 0.91406

[2024/03/04 16:30:54] ppcls INFO: [Eval][Epoch 90][best metric: 0.9453125]

[2024/03/04 16:31:02] ppcls INFO: [Train][Epoch 91/100][Iter: 0/4]lr(LinearWarmup): 0.07872926, CELoss: 1.04562, loss: 1.04562, batch\_cost: 4.84666s, reader\_cost: 3.99605, ips: 26.40995 samples/s, eta: 0:03:13

[2024/03/04 16:31:16] ppcls INFO: [Train][Epoch 91/100][Avg]CELoss: 1.07323, loss: 1.07323

[2024/03/04 16:31:24] ppcls INFO: [Eval][Epoch 91][Iter: 0/2]CELoss: 0.41930, loss: 0.41930, top1: 0.91406, batch\_cost: 7.40489s, reader\_cost: 6.68966, ips: 17.28588 images/sec

[2024/03/04 16:31:24] ppcls INFO: [Eval][Epoch 91][Avg]CELoss: 0.41930, loss: 0.41930, top1: 0.91406

[2024/03/04 16:31:24] ppcls INFO: [Eval][Epoch 91][best metric: 0.9453125]

[2024/03/04 16:31:31] ppcls INFO: [Train][Epoch 92/100][Iter: 0/4]lr(LinearWarmup): 0.07456473, CELoss: 0.94244, loss: 0.94244, batch\_cost: 4.84016s, reader\_cost: 3.98953, ips: 26.44540 samples/s, eta: 0:02:54

[2024/03/04 16:31:46] ppcls INFO: [Train][Epoch 92/100][Avg]CELoss: 1.04734, loss: 1.04734

[2024/03/04 16:31:54] ppcls INFO: [Eval][Epoch 92][Iter: 0/2]CELoss: 0.47091, loss: 0.47091, top1: 0.87500, batch\_cost: 7.44205s, reader\_cost: 6.70002, ips: 17.19957 images/sec

[2024/03/04 16:31:54] ppcls INFO: [Eval][Epoch 92][Avg]CELoss: 0.47091, loss: 0.47091, top1: 0.87500

[2024/03/04 16:31:54] ppcls INFO: [Eval][Epoch 92][best metric: 0.9453125]

[2024/03/04 16:32:01] ppcls INFO: [Train][Epoch 93/100][Iter: 0/4]lr(LinearWarmup): 0.07048798, CELoss: 1.28347, loss: 1.28347, batch\_cost: 4.83764s, reader\_cost: 3.98715, ips: 26.45918 samples/s, eta: 0:02:34

[2024/03/04 16:32:17] ppcls INFO: [Train][Epoch 93/100][Avg]CELoss: 1.15499, loss: 1.15499

[2024/03/04 16:32:24] ppcls INFO: [Eval][Epoch 93][Iter: 0/2]CELoss: 0.63355, loss: 0.63355, top1: 0.82812, batch\_cost: 7.28586s, reader\_cost: 6.63304, ips: 17.56827 images/sec

[2024/03/04 16:32:25] ppcls INFO: [Eval][Epoch 93][Avg]CELoss: 0.63355, loss: 0.63355, top1: 0.82812

[2024/03/04 16:32:25] ppcls INFO: [Eval][Epoch 93][best metric: 0.9453125]

[2024/03/04 16:32:31] ppcls INFO: [Train][Epoch 94/100][Iter: 0/4]lr(LinearWarmup): 0.06650188, CELoss: 1.02680, loss: 1.02680, batch\_cost: 4.83494s, reader\_cost: 3.98458, ips: 26.47397 samples/s, eta: 0:02:15

[2024/03/04 16:32:48] ppcls INFO: [Train][Epoch 94/100][Avg]CELoss: 1.02210, loss: 1.02210

[2024/03/04 16:32:55] ppcls INFO: [Eval][Epoch 94][Iter: 0/2]CELoss: 0.46505, loss: 0.46505, top1: 0.87500, batch\_cost: 7.33621s, reader\_cost: 6.62060, ips: 17.44771 images/sec

[2024/03/04 16:32:55] ppcls INFO: [Eval][Epoch 94][Avg]CELoss: 0.46505, loss: 0.46505, top1: 0.87500

[2024/03/04 16:32:55] ppcls INFO: [Eval][Epoch 94][best metric: 0.9453125]

[2024/03/04 16:33:02] ppcls INFO: [Train][Epoch 95/100][Iter: 0/4]lr(LinearWarmup): 0.06260920, CELoss: 1.36139, loss: 1.36139, batch\_cost: 4.83355s, reader\_cost: 3.98330, ips: 26.48158 samples/s, eta: 0:01:56

[2024/03/04 16:33:17] ppcls INFO: [Train][Epoch 95/100][Avg]CELoss: 1.24849, loss: 1.24849

[2024/03/04 16:33:25] ppcls INFO: [Eval][Epoch 95][Iter: 0/2]CELoss: 0.42746, loss: 0.42746, top1: 0.91406, batch\_cost: 7.28742s, reader\_cost: 6.62663, ips: 17.56452 images/sec

[2024/03/04 16:33:25] ppcls INFO: [Eval][Epoch 95][Avg]CELoss: 0.42746, loss: 0.42746, top1: 0.91406

[2024/03/04 16:33:25] ppcls INFO: [Eval][Epoch 95][best metric: 0.9453125]

[2024/03/04 16:33:32] ppcls INFO: [Train][Epoch 96/100][Iter: 0/4]lr(LinearWarmup): 0.05881267, CELoss: 1.23049, loss: 1.23049, batch\_cost: 4.82909s, reader\_cost: 3.97863, ips: 26.50603 samples/s, eta: 0:01:36

[2024/03/04 16:33:47] ppcls INFO: [Train][Epoch 96/100][Avg]CELoss: 1.13259, loss: 1.13259

[2024/03/04 16:33:55] ppcls INFO: [Eval][Epoch 96][Iter: 0/2]CELoss: 0.49928, loss: 0.49928, top1: 0.92969, batch\_cost: 7.24802s, reader\_cost: 6.65699, ips: 17.66000 images/sec

[2024/03/04 16:33:55] ppcls INFO: [Eval][Epoch 96][Avg]CELoss: 0.49928, loss: 0.49928, top1: 0.92969

[2024/03/04 16:33:55] ppcls INFO: [Eval][Epoch 96][best metric: 0.9453125]

[2024/03/04 16:34:03] ppcls INFO: [Train][Epoch 97/100][Iter: 0/4]lr(LinearWarmup): 0.05511496, CELoss: 1.05835, loss: 1.05835, batch\_cost: 4.82739s, reader\_cost: 3.97679, ips: 26.51538 samples/s, eta: 0:01:17

[2024/03/04 16:34:18] ppcls INFO: [Train][Epoch 97/100][Avg]CELoss: 1.11303, loss: 1.11303

[2024/03/04 16:34:26] ppcls INFO: [Eval][Epoch 97][Iter: 0/2]CELoss: 0.55119, loss: 0.55119, top1: 0.85156, batch\_cost: 7.39366s, reader\_cost: 6.65466, ips: 17.31213 images/sec

[2024/03/04 16:34:26] ppcls INFO: [Eval][Epoch 97][Avg]CELoss: 0.55119, loss: 0.55119, top1: 0.85156

[2024/03/04 16:34:26] ppcls INFO: [Eval][Epoch 97][best metric: 0.9453125]

[2024/03/04 16:34:33] ppcls INFO: [Train][Epoch 98/100][Iter: 0/4]lr(LinearWarmup): 0.05151864, CELoss: 1.22703, loss: 1.22703, batch\_cost: 4.82216s, reader\_cost: 3.97178, ips: 26.54415 samples/s, eta: 0:00:57

[2024/03/04 16:34:49] ppcls INFO: [Train][Epoch 98/100][Avg]CELoss: 1.11984, loss: 1.11984

[2024/03/04 16:34:56] ppcls INFO: [Eval][Epoch 98][Iter: 0/2]CELoss: 0.46979, loss: 0.46979, top1: 0.90625, batch\_cost: 7.34400s, reader\_cost: 6.68719, ips: 17.42920 images/sec

[2024/03/04 16:34:56] ppcls INFO: [Eval][Epoch 98][Avg]CELoss: 0.46979, loss: 0.46979, top1: 0.90625

[2024/03/04 16:34:56] ppcls INFO: [Eval][Epoch 98][best metric: 0.9453125]

[2024/03/04 16:35:03] ppcls INFO: [Train][Epoch 99/100][Iter: 0/4]lr(LinearWarmup): 0.04802624, CELoss: 1.22078, loss: 1.22078, batch\_cost: 4.82026s, reader\_cost: 3.96998, ips: 26.55459 samples/s, eta: 0:00:38

[2024/03/04 16:35:19] ppcls INFO: [Train][Epoch 99/100][Avg]CELoss: 1.08770, loss: 1.08770

[2024/03/04 16:35:26] ppcls INFO: [Eval][Epoch 99][Iter: 0/2]CELoss: 0.47209, loss: 0.47209, top1: 0.92188, batch\_cost: 7.38034s, reader\_cost: 6.68394, ips: 17.34336 images/sec

[2024/03/04 16:35:26] ppcls INFO: [Eval][Epoch 99][Avg]CELoss: 0.47209, loss: 0.47209, top1: 0.92188

[2024/03/04 16:35:26] ppcls INFO: [Eval][Epoch 99][best metric: 0.9453125]

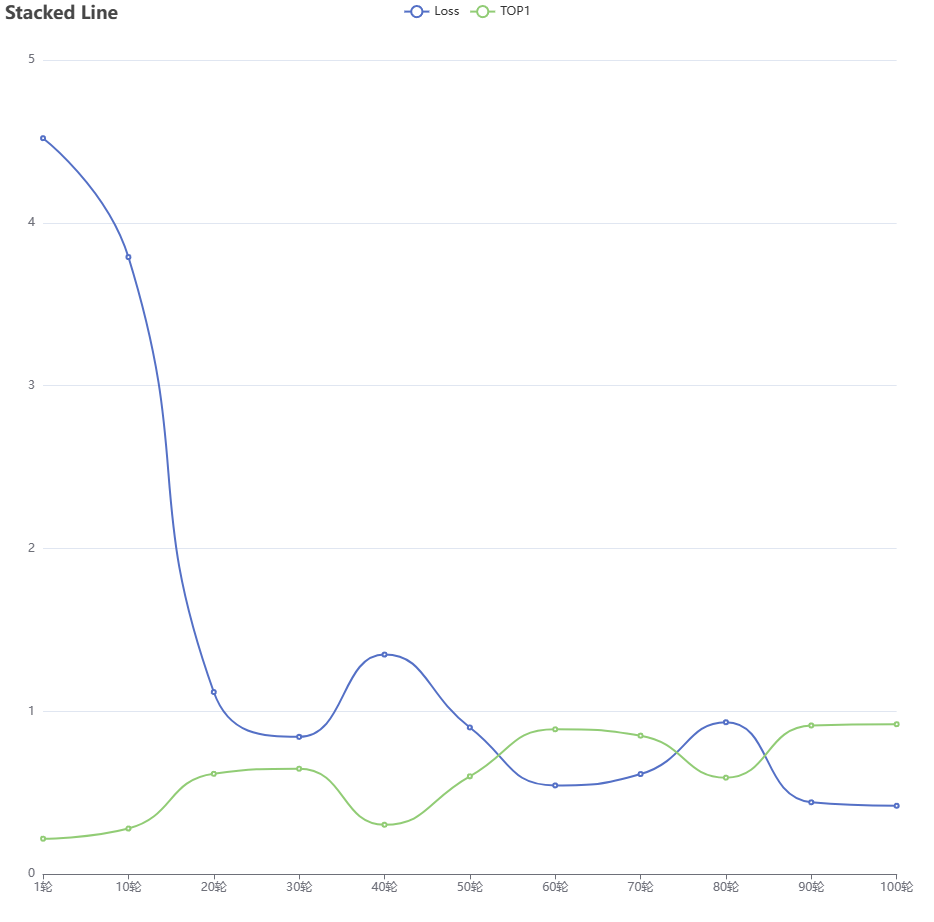
[2024/03/04 16:35:33] ppcls INFO: [Train][Epoch 100/100][Iter: 0/4]lr(LinearWarmup): 0.04464020, CELoss: 1.19557, loss: 1.19557, batch\_cost: 4.81766s, reader\_cost: 3.96733, ips: 26.56891 samples/s, eta: 0:00:19

[2024/03/04 16:35:49] ppcls INFO: [Train][Epoch 100/100][Avg]CELoss: 1.15108, loss: 1.15108

[2024/03/04 16:35:56] ppcls INFO: [Eval][Epoch 100][Iter: 0/2]CELoss: 0.48779, loss: 0.48779, top1: 0.89844, batch\_cost: 7.40628s, reader\_cost: 6.70262, ips: 17.28263 images/sec

[2024/03/04 16:35:56] ppcls INFO: [Eval][Epoch 100][Avg]CELoss: 0.48779, loss: 0.48779, top1: 0.89844

[2024/03/04 16:35:56] ppcls INFO: [Eval][Epoch 100][best metric: 0.9453125]



##### 1.5.2.6 HG-Block + LDS Layer-0.3

[2024/03/04 16:39:08] ppcls INFO: [Train][Epoch 1/100][Avg]top1: 0.33117, CELoss: 1.60198, loss: 1.60198

[2024/03/04 16:39:09] ppcls WARNING: The output dims(4) is less than k(5), and the argument 5 of Topk has been removed.

[2024/03/04 16:39:09] ppcls INFO: [Eval][Epoch 1][Iter: 0/10]CELoss: 15.23260, loss: 15.23260, top1: 0.00000, batch\_cost: 0.44752s, reader\_cost: 0.32193, ips: 35.75278 images/sec

[2024/03/04 16:39:12] ppcls INFO: [Eval][Epoch 1][Avg]CELoss: 15.39075, loss: 15.39075, top1: 0.18750

[2024/03/04 16:39:13] ppcls INFO: [Eval][Epoch 1][best metric: 0.1875]

[2024/03/04 16:39:17] ppcls INFO: [Train][Epoch 2/100][Iter: 0/2]lr(LinearWarmup): 0.04000000, top1: 0.21429, CELoss: 2.45102, loss: 2.45102, batch\_cost: 3.93221s, reader\_cost: 2.75555, ips: 39.16374 samples/s, eta: 0:12:58

[2024/03/04 16:39:30] ppcls INFO: [Train][Epoch 2/100][Avg]top1: 0.22727, CELoss: 3.24352, loss: 3.24352

[2024/03/04 16:39:31] ppcls INFO: [Eval][Epoch 2][Iter: 0/10]CELoss: 11.27887, loss: 11.27887, top1: 0.00000, batch\_cost: 0.42296s, reader\_cost: 0.30734, ips: 37.82904 images/sec

[2024/03/04 16:39:34] ppcls INFO: [Eval][Epoch 2][Avg]CELoss: 4.81387, loss: 4.81387, top1: 0.25694

[2024/03/04 16:39:34] ppcls INFO: [Eval][Epoch 2][best metric: 0.2569444477558136]

[2024/03/04 16:39:38] ppcls INFO: [Train][Epoch 3/100][Iter: 0/2]lr(LinearWarmup): 0.06666667, top1: 0.39610, CELoss: 2.81406, loss: 2.81406, batch\_cost: 3.90050s, reader\_cost: 2.97787, ips: 39.48212 samples/s, eta: 0:12:44

[2024/03/04 16:39:52] ppcls INFO: [Train][Epoch 3/100][Avg]top1: 0.43182, CELoss: 3.95940, loss: 3.95940

[2024/03/04 16:39:53] ppcls INFO: [Eval][Epoch 3][Iter: 0/10]CELoss: 442.57965, loss: 442.57965, top1: 0.00000, batch\_cost: 0.50695s, reader\_cost: 0.39433, ips: 31.56110 images/sec

[2024/03/04 16:39:57] ppcls INFO: [Eval][Epoch 3][Avg]CELoss: 280.25932, loss: 280.25932, top1: 0.18750

[2024/03/04 16:39:57] ppcls INFO: [Eval][Epoch 3][best metric: 0.2569444477558136]

[2024/03/04 16:40:00] ppcls INFO: [Train][Epoch 4/100][Iter: 0/2]lr(LinearWarmup): 0.09333333, top1: 0.43506, CELoss: 3.21665, loss: 3.21665, batch\_cost: 3.84008s, reader\_cost: 3.02373, ips: 40.10329 samples/s, eta: 0:12:24

[2024/03/04 16:40:14] ppcls INFO: [Train][Epoch 4/100][Avg]top1: 0.37662, CELoss: 2.33038, loss: 2.33038

[2024/03/04 16:40:14] ppcls INFO: [Eval][Epoch 4][Iter: 0/10]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.41128s, reader\_cost: 0.29667, ips: 38.90274 images/sec

[2024/03/04 16:40:18] ppcls INFO: [Eval][Epoch 4][Avg]CELoss: 593.99841, loss: 593.99841, top1: 0.26389

[2024/03/04 16:40:18] ppcls INFO: [Eval][Epoch 4][best metric: 0.2638888955116272]

[2024/03/04 16:40:22] ppcls INFO: [Train][Epoch 5/100][Iter: 0/2]lr(LinearWarmup): 0.12000000, top1: 0.25325, CELoss: 2.05542, loss: 2.05542, batch\_cost: 3.78039s, reader\_cost: 3.03687, ips: 40.73651 samples/s, eta: 0:12:05

[2024/03/04 16:40:36] ppcls INFO: [Train][Epoch 5/100][Avg]top1: 0.27273, CELoss: 1.79431, loss: 1.79431

[2024/03/04 16:40:36] ppcls INFO: [Eval][Epoch 5][Iter: 0/10]CELoss: 823.54395, loss: 823.54395, top1: 0.00000, batch\_cost: 0.40166s, reader\_cost: 0.28804, ips: 39.83509 images/sec

[2024/03/04 16:40:40] ppcls INFO: [Eval][Epoch 5][Avg]CELoss: 698.74197, loss: 698.74197, top1: 0.18750

[2024/03/04 16:40:40] ppcls INFO: [Eval][Epoch 5][best metric: 0.2638888955116272]

[2024/03/04 16:40:44] ppcls INFO: [Train][Epoch 6/100][Iter: 0/2]lr(LinearWarmup): 0.14666667, top1: 0.38312, CELoss: 1.41227, loss: 1.41227, batch\_cost: 3.81766s, reader\_cost: 3.11169, ips: 40.33889 samples/s, eta: 0:12:05

[2024/03/04 16:40:57] ppcls INFO: [Train][Epoch 6/100][Avg]top1: 0.43506, CELoss: 1.34466, loss: 1.34466

[2024/03/04 16:40:58] ppcls INFO: [Eval][Epoch 6][Iter: 0/10]CELoss: 65.28401, loss: 65.28401, top1: 0.00000, batch\_cost: 0.43693s, reader\_cost: 0.32331, ips: 36.61920 images/sec

[2024/03/04 16:41:01] ppcls INFO: [Eval][Epoch 6][Avg]CELoss: 164.20013, loss: 164.20013, top1: 0.18750

[2024/03/04 16:41:01] ppcls INFO: [Eval][Epoch 6][best metric: 0.2638888955116272]

[2024/03/04 16:41:06] ppcls INFO: [Train][Epoch 7/100][Iter: 0/2]lr(LinearWarmup): 0.17333333, top1: 0.37013, CELoss: 1.30912, loss: 1.30912, batch\_cost: 3.82792s, reader\_cost: 3.15205, ips: 40.23077 samples/s, eta: 0:11:59

[2024/03/04 16:41:19] ppcls INFO: [Train][Epoch 7/100][Avg]top1: 0.39610, CELoss: 1.29223, loss: 1.29223

[2024/03/04 16:41:20] ppcls INFO: [Eval][Epoch 7][Iter: 0/10]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.42059s, reader\_cost: 0.30697, ips: 38.04146 images/sec

[2024/03/04 16:41:23] ppcls INFO: [Eval][Epoch 7][Avg]CELoss: 863.02465, loss: 863.02465, top1: 0.26389

[2024/03/04 16:41:23] ppcls INFO: [Eval][Epoch 7][best metric: 0.2638888955116272]

[2024/03/04 16:41:28] ppcls INFO: [Train][Epoch 8/100][Iter: 0/2]lr(LinearWarmup): 0.20000000, top1: 0.42208, CELoss: 1.27439, loss: 1.27439, batch\_cost: 3.83884s, reader\_cost: 3.18034, ips: 40.11625 samples/s, eta: 0:11:54

[2024/03/04 16:41:41] ppcls INFO: [Train][Epoch 8/100][Avg]top1: 0.43831, CELoss: 1.35023, loss: 1.35023

[2024/03/04 16:41:42] ppcls INFO: [Eval][Epoch 8][Iter: 0/10]CELoss: 644.18811, loss: 644.18811, top1: 0.00000, batch\_cost: 0.42877s, reader\_cost: 0.31365, ips: 37.31598 images/sec

[2024/03/04 16:41:45] ppcls INFO: [Eval][Epoch 8][Avg]CELoss: 1337.56567, loss: 1337.56567, top1: 0.18750

[2024/03/04 16:41:45] ppcls INFO: [Eval][Epoch 8][best metric: 0.2638888955116272]

[2024/03/04 16:41:50] ppcls INFO: [Train][Epoch 9/100][Iter: 0/2]lr(LinearWarmup): 0.19997570, top1: 0.53247, CELoss: 1.22904, loss: 1.22904, batch\_cost: 3.81496s, reader\_cost: 3.17209, ips: 40.36740 samples/s, eta: 0:11:41

[2024/03/04 16:42:03] ppcls INFO: [Train][Epoch 9/100][Avg]top1: 0.51948, CELoss: 1.30491, loss: 1.30491

[2024/03/04 16:42:04] ppcls INFO: [Eval][Epoch 9][Iter: 0/10]CELoss: 1204.44019, loss: 1204.44019, top1: 0.00000, batch\_cost: 0.43355s, reader\_cost: 0.31893, ips: 36.90455 images/sec

[2024/03/04 16:42:07] ppcls INFO: [Eval][Epoch 9][Avg]CELoss: 751.32520, loss: 751.32520, top1: 0.18750

[2024/03/04 16:42:07] ppcls INFO: [Eval][Epoch 9][best metric: 0.2638888955116272]

[2024/03/04 16:42:11] ppcls INFO: [Train][Epoch 10/100][Iter: 0/2]lr(LinearWarmup): 0.19990281, top1: 0.49351, CELoss: 1.32942, loss: 1.32942, batch\_cost: 3.78388s, reader\_cost: 3.15369, ips: 40.69897 samples/s, eta: 0:11:28

[2024/03/04 16:42:25] ppcls INFO: [Train][Epoch 10/100][Avg]top1: 0.46429, CELoss: 1.29925, loss: 1.29925

[2024/03/04 16:42:25] ppcls INFO: [Eval][Epoch 10][Iter: 0/10]CELoss: 1500.96289, loss: 1500.96289, top1: 0.00000, batch\_cost: 0.41846s, reader\_cost: 0.30284, ips: 38.23544 images/sec

[2024/03/04 16:42:29] ppcls INFO: [Eval][Epoch 10][Avg]CELoss: 689.57291, loss: 689.57291, top1: 0.18750

[2024/03/04 16:42:29] ppcls INFO: [Eval][Epoch 10][best metric: 0.2638888955116272]

[2024/03/04 16:42:33] ppcls INFO: [Train][Epoch 11/100][Iter: 0/2]lr(LinearWarmup): 0.19978136, top1: 0.59740, CELoss: 1.13792, loss: 1.13792, batch\_cost: 3.75919s, reader\_cost: 3.14111, ips: 40.96630 samples/s, eta: 0:11:16

[2024/03/04 16:42:46] ppcls INFO: [Train][Epoch 11/100][Avg]top1: 0.58442, CELoss: 1.11787, loss: 1.11787

[2024/03/04 16:42:47] ppcls INFO: [Eval][Epoch 11][Iter: 0/10]CELoss: 679.21405, loss: 679.21405, top1: 0.00000, batch\_cost: 0.42459s, reader\_cost: 0.30997, ips: 37.68366 images/sec

[2024/03/04 16:42:50] ppcls INFO: [Eval][Epoch 11][Avg]CELoss: 942.56112, loss: 942.56112, top1: 0.18750

[2024/03/04 16:42:50] ppcls INFO: [Eval][Epoch 11][best metric: 0.2638888955116272]

[2024/03/04 16:42:54] ppcls INFO: [Train][Epoch 12/100][Iter: 0/2]lr(LinearWarmup): 0.19961142, top1: 0.55195, CELoss: 1.08194, loss: 1.08194, batch\_cost: 3.74833s, reader\_cost: 3.14366, ips: 41.08494 samples/s, eta: 0:11:07

[2024/03/04 16:43:08] ppcls INFO: [Train][Epoch 12/100][Avg]top1: 0.60065, CELoss: 1.08085, loss: 1.08085

[2024/03/04 16:43:08] ppcls INFO: [Eval][Epoch 12][Iter: 0/10]CELoss: 3682.27930, loss: 3682.27930, top1: 0.00000, batch\_cost: 0.41533s, reader\_cost: 0.30072, ips: 38.52317 images/sec

[2024/03/04 16:43:12] ppcls INFO: [Eval][Epoch 12][Avg]CELoss: 3095.41280, loss: 3095.41280, top1: 0.18750

[2024/03/04 16:43:12] ppcls INFO: [Eval][Epoch 12][best metric: 0.2638888955116272]

[2024/03/04 16:43:16] ppcls INFO: [Train][Epoch 13/100][Iter: 0/2]lr(LinearWarmup): 0.19939307, top1: 0.60390, CELoss: 1.11702, loss: 1.11702, batch\_cost: 3.74489s, reader\_cost: 3.15167, ips: 41.12275 samples/s, eta: 0:10:59

[2024/03/04 16:43:30] ppcls INFO: [Train][Epoch 13/100][Avg]top1: 0.64286, CELoss: 1.05207, loss: 1.05207

[2024/03/04 16:43:30] ppcls INFO: [Eval][Epoch 13][Iter: 0/10]CELoss: 159.72488, loss: 159.72488, top1: 0.00000, batch\_cost: 0.40963s, reader\_cost: 0.29601, ips: 39.05963 images/sec

[2024/03/04 16:43:34] ppcls INFO: [Eval][Epoch 13][Avg]CELoss: 262.37327, loss: 262.37327, top1: 0.18750

[2024/03/04 16:43:34] ppcls INFO: [Eval][Epoch 13][best metric: 0.2638888955116272]

[2024/03/04 16:43:38] ppcls INFO: [Train][Epoch 14/100][Iter: 0/2]lr(LinearWarmup): 0.19912641, top1: 0.59740, CELoss: 1.03786, loss: 1.03786, batch\_cost: 3.72607s, reader\_cost: 3.14529, ips: 41.33041 samples/s, eta: 0:10:48

[2024/03/04 16:43:51] ppcls INFO: [Train][Epoch 14/100][Avg]top1: 0.61688, CELoss: 1.04342, loss: 1.04342

[2024/03/04 16:43:52] ppcls INFO: [Eval][Epoch 14][Iter: 0/10]CELoss: 12.71986, loss: 12.71986, top1: 0.12500, batch\_cost: 0.43355s, reader\_cost: 0.31993, ips: 36.90470 images/sec

[2024/03/04 16:43:55] ppcls INFO: [Eval][Epoch 14][Avg]CELoss: 80.95801, loss: 80.95801, top1: 0.21528

[2024/03/04 16:43:55] ppcls INFO: [Eval][Epoch 14][best metric: 0.2638888955116272]

[2024/03/04 16:43:59] ppcls INFO: [Train][Epoch 15/100][Iter: 0/2]lr(LinearWarmup): 0.19881157, top1: 0.62338, CELoss: 1.01871, loss: 1.01871, batch\_cost: 3.72682s, reader\_cost: 3.15653, ips: 41.32214 samples/s, eta: 0:10:41

[2024/03/04 16:44:13] ppcls INFO: [Train][Epoch 15/100][Avg]top1: 0.66234, CELoss: 0.97433, loss: 0.97433

[2024/03/04 16:44:13] ppcls INFO: [Eval][Epoch 15][Iter: 0/10]CELoss: 281.04501, loss: 281.04501, top1: 0.00000, batch\_cost: 0.41534s, reader\_cost: 0.30050, ips: 38.52295 images/sec

[2024/03/04 16:44:17] ppcls INFO: [Eval][Epoch 15][Avg]CELoss: 216.95060, loss: 216.95060, top1: 0.18750

[2024/03/04 16:44:17] ppcls INFO: [Eval][Epoch 15][best metric: 0.2638888955116272]

[2024/03/04 16:44:21] ppcls INFO: [Train][Epoch 16/100][Iter: 0/2]lr(LinearWarmup): 0.19844871, top1: 0.68831, CELoss: 0.96885, loss: 0.96885, batch\_cost: 3.72006s, reader\_cost: 3.15586, ips: 41.39714 samples/s, eta: 0:10:32

[2024/03/04 16:44:34] ppcls INFO: [Train][Epoch 16/100][Avg]top1: 0.67532, CELoss: 0.99842, loss: 0.99842

[2024/03/04 16:44:35] ppcls INFO: [Eval][Epoch 16][Iter: 0/10]CELoss: 120.68251, loss: 120.68251, top1: 0.06250, batch\_cost: 0.44248s, reader\_cost: 0.32886, ips: 36.15990 images/sec

[2024/03/04 16:44:38] ppcls INFO: [Eval][Epoch 16][Avg]CELoss: 110.84463, loss: 110.84463, top1: 0.19444

[2024/03/04 16:44:38] ppcls INFO: [Eval][Epoch 16][best metric: 0.2638888955116272]

[2024/03/04 16:44:43] ppcls INFO: [Train][Epoch 17/100][Iter: 0/2]lr(LinearWarmup): 0.19803800, top1: 0.64935, CELoss: 1.03146, loss: 1.03146, batch\_cost: 3.75134s, reader\_cost: 3.19036, ips: 41.05197 samples/s, eta: 0:10:30

[2024/03/04 16:44:57] ppcls INFO: [Train][Epoch 17/100][Avg]top1: 0.67208, CELoss: 0.95740, loss: 0.95740

[2024/03/04 16:44:57] ppcls INFO: [Eval][Epoch 17][Iter: 0/10]CELoss: 84.50723, loss: 84.50723, top1: 0.06250, batch\_cost: 0.41314s, reader\_cost: 0.29952, ips: 38.72761 images/sec

[2024/03/04 16:45:01] ppcls INFO: [Eval][Epoch 17][Avg]CELoss: 61.73119, loss: 61.73119, top1: 0.20139

[2024/03/04 16:45:01] ppcls INFO: [Eval][Epoch 17][best metric: 0.2638888955116272]

[2024/03/04 16:45:05] ppcls INFO: [Train][Epoch 18/100][Iter: 0/2]lr(LinearWarmup): 0.19757964, top1: 0.74675, CELoss: 0.87908, loss: 0.87908, batch\_cost: 3.75924s, reader\_cost: 3.19560, ips: 40.96578 samples/s, eta: 0:10:24

[2024/03/04 16:45:19] ppcls INFO: [Train][Epoch 18/100][Avg]top1: 0.71753, CELoss: 0.94856, loss: 0.94856

[2024/03/04 16:45:19] ppcls INFO: [Eval][Epoch 18][Iter: 0/10]CELoss: 31.38556, loss: 31.38556, top1: 0.06250, batch\_cost: 0.41679s, reader\_cost: 0.30416, ips: 38.38824 images/sec

[2024/03/04 16:45:22] ppcls INFO: [Eval][Epoch 18][Avg]CELoss: 29.56744, loss: 29.56744, top1: 0.20139

[2024/03/04 16:45:22] ppcls INFO: [Eval][Epoch 18][best metric: 0.2638888955116272]

[2024/03/04 16:45:27] ppcls INFO: [Train][Epoch 19/100][Iter: 0/2]lr(LinearWarmup): 0.19707385, top1: 0.73377, CELoss: 0.88911, loss: 0.88911, batch\_cost: 3.73987s, reader\_cost: 3.18197, ips: 41.17795 samples/s, eta: 0:10:13

[2024/03/04 16:45:40] ppcls INFO: [Train][Epoch 19/100][Avg]top1: 0.73701, CELoss: 0.87987, loss: 0.87987

[2024/03/04 16:45:41] ppcls INFO: [Eval][Epoch 19][Iter: 0/10]CELoss: 4.69614, loss: 4.69614, top1: 0.18750, batch\_cost: 0.42807s, reader\_cost: 0.31445, ips: 37.37668 images/sec

[2024/03/04 16:45:44] ppcls INFO: [Eval][Epoch 19][Avg]CELoss: 8.38519, loss: 8.38519, top1: 0.25694

[2024/03/04 16:45:44] ppcls INFO: [Eval][Epoch 19][best metric: 0.2638888955116272]

[2024/03/04 16:45:49] ppcls INFO: [Train][Epoch 20/100][Iter: 0/2]lr(LinearWarmup): 0.19652089, top1: 0.75974, CELoss: 0.86991, loss: 0.86991, batch\_cost: 3.74138s, reader\_cost: 3.18631, ips: 41.16123 samples/s, eta: 0:10:06

[2024/03/04 16:46:03] ppcls INFO: [Train][Epoch 20/100][Avg]top1: 0.78247, CELoss: 0.83486, loss: 0.83486

[2024/03/04 16:46:03] ppcls INFO: [Eval][Epoch 20][Iter: 0/10]CELoss: 0.25776, loss: 0.25776, top1: 0.93750, batch\_cost: 0.42578s, reader\_cost: 0.31216, ips: 37.57809 images/sec

[2024/03/04 16:46:07] ppcls INFO: [Eval][Epoch 20][Avg]CELoss: 1.50271, loss: 1.50271, top1: 0.37500

[2024/03/04 16:46:07] ppcls INFO: [Eval][Epoch 20][best metric: 0.375]

[2024/03/04 16:46:11] ppcls INFO: [Train][Epoch 21/100][Iter: 0/2]lr(LinearWarmup): 0.19592102, top1: 0.68831, CELoss: 0.93477, loss: 0.93477, batch\_cost: 3.75454s, reader\_cost: 3.20173, ips: 41.01700 samples/s, eta: 0:10:00

[2024/03/04 16:46:25] ppcls INFO: [Train][Epoch 21/100][Avg]top1: 0.72403, CELoss: 0.90805, loss: 0.90805

[2024/03/04 16:46:25] ppcls INFO: [Eval][Epoch 21][Iter: 0/10]CELoss: 0.60060, loss: 0.60060, top1: 0.75000, batch\_cost: 0.40765s, reader\_cost: 0.29303, ips: 39.24972 images/sec

[2024/03/04 16:46:29] ppcls INFO: [Eval][Epoch 21][Avg]CELoss: 1.54985, loss: 1.54985, top1: 0.53472

[2024/03/04 16:46:29] ppcls INFO: [Eval][Epoch 21][best metric: 0.5347222089767456]

[2024/03/04 16:46:33] ppcls INFO: [Train][Epoch 22/100][Iter: 0/2]lr(LinearWarmup): 0.19527452, top1: 0.79870, CELoss: 0.86325, loss: 0.86325, batch\_cost: 3.74447s, reader\_cost: 3.19592, ips: 41.12727 samples/s, eta: 0:09:51

[2024/03/04 16:46:47] ppcls INFO: [Train][Epoch 22/100][Avg]top1: 0.80844, CELoss: 0.81835, loss: 0.81835

[2024/03/04 16:46:47] ppcls INFO: [Eval][Epoch 22][Iter: 0/10]CELoss: 0.12668, loss: 0.12668, top1: 1.00000, batch\_cost: 0.40376s, reader\_cost: 0.28915, ips: 39.62704 images/sec

[2024/03/04 16:46:51] ppcls INFO: [Eval][Epoch 22][Avg]CELoss: 1.20291, loss: 1.20291, top1: 0.47917

[2024/03/04 16:46:51] ppcls INFO: [Eval][Epoch 22][best metric: 0.5347222089767456]

[2024/03/04 16:46:55] ppcls INFO: [Train][Epoch 23/100][Iter: 0/2]lr(LinearWarmup): 0.19458172, top1: 0.74026, CELoss: 0.90916, loss: 0.90916, batch\_cost: 3.76432s, reader\_cost: 3.21756, ips: 40.91045 samples/s, eta: 0:09:47

[2024/03/04 16:47:09] ppcls INFO: [Train][Epoch 23/100][Avg]top1: 0.73701, CELoss: 0.87023, loss: 0.87023

[2024/03/04 16:47:09] ppcls INFO: [Eval][Epoch 23][Iter: 0/10]CELoss: 0.14908, loss: 0.14908, top1: 0.93750, batch\_cost: 0.42185s, reader\_cost: 0.30723, ips: 37.92826 images/sec

[2024/03/04 16:47:13] ppcls INFO: [Eval][Epoch 23][Avg]CELoss: 1.39459, loss: 1.39459, top1: 0.38194

[2024/03/04 16:47:13] ppcls INFO: [Eval][Epoch 23][best metric: 0.5347222089767456]

[2024/03/04 16:47:18] ppcls INFO: [Train][Epoch 24/100][Iter: 0/2]lr(LinearWarmup): 0.19384296, top1: 0.77922, CELoss: 0.81036, loss: 0.81036, batch\_cost: 3.76479s, reader\_cost: 3.21631, ips: 40.90538 samples/s, eta: 0:09:39

[2024/03/04 16:47:31] ppcls INFO: [Train][Epoch 24/100][Avg]top1: 0.82143, CELoss: 0.75162, loss: 0.75162

[2024/03/04 16:47:31] ppcls INFO: [Eval][Epoch 24][Iter: 0/10]CELoss: 0.22167, loss: 0.22167, top1: 0.93750, batch\_cost: 0.40858s, reader\_cost: 0.29496, ips: 39.15969 images/sec

[2024/03/04 16:47:35] ppcls INFO: [Eval][Epoch 24][Avg]CELoss: 1.40082, loss: 1.40082, top1: 0.38194

[2024/03/04 16:47:35] ppcls INFO: [Eval][Epoch 24][best metric: 0.5347222089767456]

[2024/03/04 16:47:39] ppcls INFO: [Train][Epoch 25/100][Iter: 0/2]lr(LinearWarmup): 0.19305858, top1: 0.86364, CELoss: 0.71514, loss: 0.71514, batch\_cost: 3.75995s, reader\_cost: 3.21383, ips: 40.95799 samples/s, eta: 0:09:31

[2024/03/04 16:47:53] ppcls INFO: [Train][Epoch 25/100][Avg]top1: 0.86364, CELoss: 0.74625, loss: 0.74625

[2024/03/04 16:47:53] ppcls INFO: [Eval][Epoch 25][Iter: 0/10]CELoss: 0.19479, loss: 0.19479, top1: 0.93750, batch\_cost: 0.42215s, reader\_cost: 0.30797, ips: 37.90142 images/sec

[2024/03/04 16:47:57] ppcls INFO: [Eval][Epoch 25][Avg]CELoss: 1.74398, loss: 1.74398, top1: 0.38889

[2024/03/04 16:47:57] ppcls INFO: [Eval][Epoch 25][best metric: 0.5347222089767456]

[2024/03/04 16:48:01] ppcls INFO: [Train][Epoch 26/100][Iter: 0/2]lr(LinearWarmup): 0.19222898, top1: 0.81169, CELoss: 0.84182, loss: 0.84182, batch\_cost: 3.74982s, reader\_cost: 3.20533, ips: 41.06862 samples/s, eta: 0:09:22

[2024/03/04 16:48:14] ppcls INFO: [Train][Epoch 26/100][Avg]top1: 0.84740, CELoss: 0.73825, loss: 0.73825

[2024/03/04 16:48:14] ppcls INFO: [Eval][Epoch 26][Iter: 0/10]CELoss: 0.22835, loss: 0.22835, top1: 0.93750, batch\_cost: 0.41276s, reader\_cost: 0.29914, ips: 38.76347 images/sec

[2024/03/04 16:48:18] ppcls INFO: [Eval][Epoch 26][Avg]CELoss: 3.32572, loss: 3.32572, top1: 0.29167

[2024/03/04 16:48:18] ppcls INFO: [Eval][Epoch 26][best metric: 0.5347222089767456]

[2024/03/04 16:48:22] ppcls INFO: [Train][Epoch 27/100][Iter: 0/2]lr(LinearWarmup): 0.19135455, top1: 0.80519, CELoss: 0.83987, loss: 0.83987, batch\_cost: 3.74562s, reader\_cost: 3.20290, ips: 41.11471 samples/s, eta: 0:09:14

[2024/03/04 16:48:35] ppcls INFO: [Train][Epoch 27/100][Avg]top1: 0.82792, CELoss: 0.80637, loss: 0.80637

[2024/03/04 16:48:36] ppcls INFO: [Eval][Epoch 27][Iter: 0/10]CELoss: 0.21353, loss: 0.21353, top1: 0.93750, batch\_cost: 0.42867s, reader\_cost: 0.31505, ips: 37.32494 images/sec

[2024/03/04 16:48:39] ppcls INFO: [Eval][Epoch 27][Avg]CELoss: 2.09511, loss: 2.09511, top1: 0.41667

[2024/03/04 16:48:39] ppcls INFO: [Eval][Epoch 27][best metric: 0.5347222089767456]

[2024/03/04 16:48:44] ppcls INFO: [Train][Epoch 28/100][Iter: 0/2]lr(LinearWarmup): 0.19043572, top1: 0.81169, CELoss: 0.76404, loss: 0.76404, batch\_cost: 3.75044s, reader\_cost: 3.20853, ips: 41.06181 samples/s, eta: 0:09:07

[2024/03/04 16:48:57] ppcls INFO: [Train][Epoch 28/100][Avg]top1: 0.82792, CELoss: 0.71251, loss: 0.71251

[2024/03/04 16:48:58] ppcls INFO: [Eval][Epoch 28][Iter: 0/10]CELoss: 0.29448, loss: 0.29448, top1: 0.93750, batch\_cost: 0.42657s, reader\_cost: 0.31295, ips: 37.50823 images/sec

[2024/03/04 16:49:01] ppcls INFO: [Eval][Epoch 28][Avg]CELoss: 1.80500, loss: 1.80500, top1: 0.41667

[2024/03/04 16:49:01] ppcls INFO: [Eval][Epoch 28][best metric: 0.5347222089767456]

[2024/03/04 16:49:06] ppcls INFO: [Train][Epoch 29/100][Iter: 0/2]lr(LinearWarmup): 0.18947293, top1: 0.83766, CELoss: 0.70180, loss: 0.70180, batch\_cost: 3.75079s, reader\_cost: 3.20979, ips: 41.05798 samples/s, eta: 0:09:00

[2024/03/04 16:49:19] ppcls INFO: [Train][Epoch 29/100][Avg]top1: 0.83442, CELoss: 0.71567, loss: 0.71567

[2024/03/04 16:49:20] ppcls INFO: [Eval][Epoch 29][Iter: 0/10]CELoss: 0.24483, loss: 0.24483, top1: 0.93750, batch\_cost: 0.41987s, reader\_cost: 0.30525, ips: 38.10700 images/sec

[2024/03/04 16:49:23] ppcls INFO: [Eval][Epoch 29][Avg]CELoss: 1.41253, loss: 1.41253, top1: 0.48611

[2024/03/04 16:49:23] ppcls INFO: [Eval][Epoch 29][best metric: 0.5347222089767456]

[2024/03/04 16:49:28] ppcls INFO: [Train][Epoch 30/100][Iter: 0/2]lr(LinearWarmup): 0.18846666, top1: 0.80519, CELoss: 0.77325, loss: 0.77325, batch\_cost: 3.75150s, reader\_cost: 3.21155, ips: 41.05022 samples/s, eta: 0:08:52

[2024/03/04 16:49:41] ppcls INFO: [Train][Epoch 30/100][Avg]top1: 0.84091, CELoss: 0.70871, loss: 0.70871

[2024/03/04 16:49:41] ppcls INFO: [Eval][Epoch 30][Iter: 0/10]CELoss: 0.35153, loss: 0.35153, top1: 0.87500, batch\_cost: 0.42267s, reader\_cost: 0.30806, ips: 37.85417 images/sec

[2024/03/04 16:49:45] ppcls INFO: [Eval][Epoch 30][Avg]CELoss: 1.06752, loss: 1.06752, top1: 0.62500

[2024/03/04 16:49:45] ppcls INFO: [Eval][Epoch 30][best metric: 0.625]

[2024/03/04 16:49:49] ppcls INFO: [Train][Epoch 31/100][Iter: 0/2]lr(LinearWarmup): 0.18741740, top1: 0.85065, CELoss: 0.71172, loss: 0.71172, batch\_cost: 3.74871s, reader\_cost: 3.20933, ips: 41.08080 samples/s, eta: 0:08:44

[2024/03/04 16:50:03] ppcls INFO: [Train][Epoch 31/100][Avg]top1: 0.83117, CELoss: 0.74085, loss: 0.74085

[2024/03/04 16:50:03] ppcls INFO: [Eval][Epoch 31][Iter: 0/10]CELoss: 0.44256, loss: 0.44256, top1: 0.81250, batch\_cost: 0.43838s, reader\_cost: 0.32422, ips: 36.49829 images/sec

[2024/03/04 16:50:07] ppcls INFO: [Eval][Epoch 31][Avg]CELoss: 0.75563, loss: 0.75563, top1: 0.75694

[2024/03/04 16:50:07] ppcls INFO: [Eval][Epoch 31][best metric: 0.756944477558136]

[2024/03/04 16:50:11] ppcls INFO: [Train][Epoch 32/100][Iter: 0/2]lr(LinearWarmup): 0.18632565, top1: 0.82468, CELoss: 0.76300, loss: 0.76300, batch\_cost: 3.74356s, reader\_cost: 3.20402, ips: 41.13729 samples/s, eta: 0:08:36

[2024/03/04 16:50:24] ppcls INFO: [Train][Epoch 32/100][Avg]top1: 0.81169, CELoss: 0.79984, loss: 0.79984

[2024/03/04 16:50:25] ppcls INFO: [Eval][Epoch 32][Iter: 0/10]CELoss: 0.73213, loss: 0.73213, top1: 0.81250, batch\_cost: 0.41236s, reader\_cost: 0.29775, ips: 38.80072 images/sec

[2024/03/04 16:50:28] ppcls INFO: [Eval][Epoch 32][Avg]CELoss: 0.69874, loss: 0.69874, top1: 0.79861

[2024/03/04 16:50:28] ppcls INFO: [Eval][Epoch 32][best metric: 0.7986111044883728]

[2024/03/04 16:50:32] ppcls INFO: [Train][Epoch 33/100][Iter: 0/2]lr(LinearWarmup): 0.18519194, top1: 0.81169, CELoss: 0.78429, loss: 0.78429, batch\_cost: 3.74174s, reader\_cost: 3.20285, ips: 41.15734 samples/s, eta: 0:08:28

[2024/03/04 16:50:46] ppcls INFO: [Train][Epoch 33/100][Avg]top1: 0.84740, CELoss: 0.73198, loss: 0.73198

[2024/03/04 16:50:47] ppcls INFO: [Eval][Epoch 33][Iter: 0/10]CELoss: 0.22249, loss: 0.22249, top1: 0.87500, batch\_cost: 0.42332s, reader\_cost: 0.30770, ips: 37.79689 images/sec

[2024/03/04 16:50:50] ppcls INFO: [Eval][Epoch 33][Avg]CELoss: 0.74120, loss: 0.74120, top1: 0.76389

[2024/03/04 16:50:50] ppcls INFO: [Eval][Epoch 33][best metric: 0.7986111044883728]

[2024/03/04 16:50:54] ppcls INFO: [Train][Epoch 34/100][Iter: 0/2]lr(LinearWarmup): 0.18401683, top1: 0.82468, CELoss: 0.80905, loss: 0.80905, batch\_cost: 3.74333s, reader\_cost: 3.20357, ips: 41.13979 samples/s, eta: 0:08:21

[2024/03/04 16:51:08] ppcls INFO: [Train][Epoch 34/100][Avg]top1: 0.81494, CELoss: 0.81624, loss: 0.81624

[2024/03/04 16:51:09] ppcls INFO: [Eval][Epoch 34][Iter: 0/10]CELoss: 0.43894, loss: 0.43894, top1: 0.87500, batch\_cost: 0.42654s, reader\_cost: 0.31193, ips: 37.51110 images/sec

[2024/03/04 16:51:12] ppcls INFO: [Eval][Epoch 34][Avg]CELoss: 2.56154, loss: 2.56154, top1: 0.71528

[2024/03/04 16:51:12] ppcls INFO: [Eval][Epoch 34][best metric: 0.7986111044883728]

[2024/03/04 16:51:16] ppcls INFO: [Train][Epoch 35/100][Iter: 0/2]lr(LinearWarmup): 0.18280088, top1: 0.75974, CELoss: 1.10178, loss: 1.10178, batch\_cost: 3.75047s, reader\_cost: 3.21171, ips: 41.06153 samples/s, eta: 0:08:15

[2024/03/04 16:51:30] ppcls INFO: [Train][Epoch 35/100][Avg]top1: 0.77273, CELoss: 0.94550, loss: 0.94550

[2024/03/04 16:51:31] ppcls INFO: [Eval][Epoch 35][Iter: 0/10]CELoss: 0.70262, loss: 0.70262, top1: 0.81250, batch\_cost: 0.41605s, reader\_cost: 0.30243, ips: 38.45707 images/sec

[2024/03/04 16:51:34] ppcls INFO: [Eval][Epoch 35][Avg]CELoss: 0.80550, loss: 0.80550, top1: 0.79861

[2024/03/04 16:51:34] ppcls INFO: [Eval][Epoch 35][best metric: 0.7986111044883728]

[2024/03/04 16:51:38] ppcls INFO: [Train][Epoch 36/100][Iter: 0/2]lr(LinearWarmup): 0.18154469, top1: 0.82468, CELoss: 0.76409, loss: 0.76409, batch\_cost: 3.75277s, reader\_cost: 3.21406, ips: 41.03634 samples/s, eta: 0:08:07

[2024/03/04 16:51:52] ppcls INFO: [Train][Epoch 36/100][Avg]top1: 0.79221, CELoss: 0.82523, loss: 0.82523

[2024/03/04 16:51:52] ppcls INFO: [Eval][Epoch 36][Iter: 0/10]CELoss: 0.51865, loss: 0.51865, top1: 0.75000, batch\_cost: 0.42066s, reader\_cost: 0.30704, ips: 38.03566 images/sec

[2024/03/04 16:51:56] ppcls INFO: [Eval][Epoch 36][Avg]CELoss: 0.94575, loss: 0.94575, top1: 0.83333

[2024/03/04 16:51:56] ppcls INFO: [Eval][Epoch 36][best metric: 0.8333333134651184]

[2024/03/04 16:52:00] ppcls INFO: [Train][Epoch 37/100][Iter: 0/2]lr(LinearWarmup): 0.18024887, top1: 0.85714, CELoss: 0.70418, loss: 0.70418, batch\_cost: 3.75758s, reader\_cost: 3.22029, ips: 40.98385 samples/s, eta: 0:08:00

[2024/03/04 16:52:14] ppcls INFO: [Train][Epoch 37/100][Avg]top1: 0.82143, CELoss: 0.83827, loss: 0.83827

[2024/03/04 16:52:15] ppcls INFO: [Eval][Epoch 37][Iter: 0/10]CELoss: 0.32310, loss: 0.32310, top1: 0.87500, batch\_cost: 0.41982s, reader\_cost: 0.30620, ips: 38.11165 images/sec

[2024/03/04 16:52:18] ppcls INFO: [Eval][Epoch 37][Avg]CELoss: 0.44054, loss: 0.44054, top1: 0.87500

[2024/03/04 16:52:18] ppcls INFO: [Eval][Epoch 37][best metric: 0.875]

[2024/03/04 16:52:22] ppcls INFO: [Train][Epoch 38/100][Iter: 0/2]lr(LinearWarmup): 0.17891405, top1: 0.84416, CELoss: 0.73459, loss: 0.73459, batch\_cost: 3.75625s, reader\_cost: 3.22112, ips: 40.99833 samples/s, eta: 0:07:53

[2024/03/04 16:52:36] ppcls INFO: [Train][Epoch 38/100][Avg]top1: 0.83766, CELoss: 0.71488, loss: 0.71488

[2024/03/04 16:52:36] ppcls INFO: [Eval][Epoch 38][Iter: 0/10]CELoss: 0.34922, loss: 0.34922, top1: 0.87500, batch\_cost: 0.41065s, reader\_cost: 0.29604, ips: 38.96230 images/sec

[2024/03/04 16:52:40] ppcls INFO: [Eval][Epoch 38][Avg]CELoss: 0.39039, loss: 0.39039, top1: 0.88194

[2024/03/04 16:52:40] ppcls INFO: [Eval][Epoch 38][best metric: 0.881944477558136]

[2024/03/04 16:52:44] ppcls INFO: [Train][Epoch 39/100][Iter: 0/2]lr(LinearWarmup): 0.17754087, top1: 0.88961, CELoss: 0.63576, loss: 0.63576, batch\_cost: 3.75609s, reader\_cost: 3.22297, ips: 41.00005 samples/s, eta: 0:07:45

[2024/03/04 16:52:58] ppcls INFO: [Train][Epoch 39/100][Avg]top1: 0.89286, CELoss: 0.62747, loss: 0.62747

[2024/03/04 16:52:58] ppcls INFO: [Eval][Epoch 39][Iter: 0/10]CELoss: 0.41738, loss: 0.41738, top1: 0.87500, batch\_cost: 0.41467s, reader\_cost: 0.29906, ips: 38.58499 images/sec

[2024/03/04 16:53:02] ppcls INFO: [Eval][Epoch 39][Avg]CELoss: 0.51407, loss: 0.51407, top1: 0.83333

[2024/03/04 16:53:02] ppcls INFO: [Eval][Epoch 39][best metric: 0.881944477558136]

[2024/03/04 16:53:06] ppcls INFO: [Train][Epoch 40/100][Iter: 0/2]lr(LinearWarmup): 0.17613001, top1: 0.83766, CELoss: 0.88083, loss: 0.88083, batch\_cost: 3.76187s, reader\_cost: 3.22998, ips: 40.93707 samples/s, eta: 0:07:38

[2024/03/04 16:53:20] ppcls INFO: [Train][Epoch 40/100][Avg]top1: 0.85714, CELoss: 0.76408, loss: 0.76408

[2024/03/04 16:53:20] ppcls INFO: [Eval][Epoch 40][Iter: 0/10]CELoss: 0.39603, loss: 0.39603, top1: 0.87500, batch\_cost: 0.40171s, reader\_cost: 0.28710, ips: 39.82961 images/sec

[2024/03/04 16:53:24] ppcls INFO: [Eval][Epoch 40][Avg]CELoss: 0.37705, loss: 0.37705, top1: 0.88889

[2024/03/04 16:53:24] ppcls INFO: [Eval][Epoch 40][best metric: 0.8888888955116272]

[2024/03/04 16:53:28] ppcls INFO: [Train][Epoch 41/100][Iter: 0/2]lr(LinearWarmup): 0.17468215, top1: 0.88961, CELoss: 0.58265, loss: 0.58265, batch\_cost: 3.76124s, reader\_cost: 3.22907, ips: 40.94397 samples/s, eta: 0:07:31

[2024/03/04 16:53:42] ppcls INFO: [Train][Epoch 41/100][Avg]top1: 0.90260, CELoss: 0.57554, loss: 0.57554

[2024/03/04 16:53:42] ppcls INFO: [Eval][Epoch 41][Iter: 0/10]CELoss: 0.68393, loss: 0.68393, top1: 0.87500, batch\_cost: 0.40245s, reader\_cost: 0.28683, ips: 39.75688 images/sec

[2024/03/04 16:53:46] ppcls INFO: [Eval][Epoch 41][Avg]CELoss: 0.48582, loss: 0.48582, top1: 0.86806

[2024/03/04 16:53:46] ppcls INFO: [Eval][Epoch 41][best metric: 0.8888888955116272]

[2024/03/04 16:53:50] ppcls INFO: [Train][Epoch 42/100][Iter: 0/2]lr(LinearWarmup): 0.17319799, top1: 0.87662, CELoss: 0.67694, loss: 0.67694, batch\_cost: 3.75978s, reader\_cost: 3.22853, ips: 40.95987 samples/s, eta: 0:07:23

[2024/03/04 16:54:04] ppcls INFO: [Train][Epoch 42/100][Avg]top1: 0.86039, CELoss: 0.68533, loss: 0.68533

[2024/03/04 16:54:04] ppcls INFO: [Eval][Epoch 42][Iter: 0/10]CELoss: 0.85152, loss: 0.85152, top1: 0.50000, batch\_cost: 0.40552s, reader\_cost: 0.29103, ips: 39.45563 images/sec

[2024/03/04 16:54:08] ppcls INFO: [Eval][Epoch 42][Avg]CELoss: 0.52641, loss: 0.52641, top1: 0.79167

[2024/03/04 16:54:08] ppcls INFO: [Eval][Epoch 42][best metric: 0.8888888955116272]

[2024/03/04 16:54:13] ppcls INFO: [Train][Epoch 43/100][Iter: 0/2]lr(LinearWarmup): 0.17167825, top1: 0.89610, CELoss: 0.62580, loss: 0.62580, batch\_cost: 3.77125s, reader\_cost: 3.24155, ips: 40.83531 samples/s, eta: 0:07:17

[2024/03/04 16:54:26] ppcls INFO: [Train][Epoch 43/100][Avg]top1: 0.87013, CELoss: 0.65694, loss: 0.65694

[2024/03/04 16:54:27] ppcls INFO: [Eval][Epoch 43][Iter: 0/10]CELoss: 0.67720, loss: 0.67720, top1: 0.81250, batch\_cost: 0.41442s, reader\_cost: 0.29989, ips: 38.60834 images/sec

[2024/03/04 16:54:30] ppcls INFO: [Eval][Epoch 43][Avg]CELoss: 0.45440, loss: 0.45440, top1: 0.86806

[2024/03/04 16:54:30] ppcls INFO: [Eval][Epoch 43][best metric: 0.8888888955116272]

[2024/03/04 16:54:34] ppcls INFO: [Train][Epoch 44/100][Iter: 0/2]lr(LinearWarmup): 0.17012368, top1: 0.86364, CELoss: 0.73033, loss: 0.73033, batch\_cost: 3.76596s, reader\_cost: 3.23766, ips: 40.89263 samples/s, eta: 0:07:09

[2024/03/04 16:54:48] ppcls INFO: [Train][Epoch 44/100][Avg]top1: 0.86039, CELoss: 0.70707, loss: 0.70707

[2024/03/04 16:54:49] ppcls INFO: [Eval][Epoch 44][Iter: 0/10]CELoss: 1.10674, loss: 1.10674, top1: 0.56250, batch\_cost: 0.42646s, reader\_cost: 0.31284, ips: 37.51777 images/sec

[2024/03/04 16:54:52] ppcls INFO: [Eval][Epoch 44][Avg]CELoss: 0.51311, loss: 0.51311, top1: 0.81944

[2024/03/04 16:54:52] ppcls INFO: [Eval][Epoch 44][best metric: 0.8888888955116272]

[2024/03/04 16:54:57] ppcls INFO: [Train][Epoch 45/100][Iter: 0/2]lr(LinearWarmup): 0.16853502, top1: 0.88312, CELoss: 0.66546, loss: 0.66546, batch\_cost: 3.77003s, reader\_cost: 3.24195, ips: 40.84850 samples/s, eta: 0:07:02

[2024/03/04 16:55:10] ppcls INFO: [Train][Epoch 45/100][Avg]top1: 0.88961, CELoss: 0.63480, loss: 0.63480

[2024/03/04 16:55:11] ppcls INFO: [Eval][Epoch 45][Iter: 0/10]CELoss: 1.02410, loss: 1.02410, top1: 0.62500, batch\_cost: 0.42343s, reader\_cost: 0.30981, ips: 37.78705 images/sec

[2024/03/04 16:55:14] ppcls INFO: [Eval][Epoch 45][Avg]CELoss: 0.52934, loss: 0.52934, top1: 0.81250

[2024/03/04 16:55:14] ppcls INFO: [Eval][Epoch 45][best metric: 0.8888888955116272]

[2024/03/04 16:55:18] ppcls INFO: [Train][Epoch 46/100][Iter: 0/2]lr(LinearWarmup): 0.16691306, top1: 0.90260, CELoss: 0.62544, loss: 0.62544, batch\_cost: 3.76627s, reader\_cost: 3.23963, ips: 40.88922 samples/s, eta: 0:06:54

[2024/03/04 16:55:32] ppcls INFO: [Train][Epoch 46/100][Avg]top1: 0.86688, CELoss: 0.67731, loss: 0.67731

[2024/03/04 16:55:32] ppcls INFO: [Eval][Epoch 46][Iter: 0/10]CELoss: 0.72466, loss: 0.72466, top1: 0.75000, batch\_cost: 0.40674s, reader\_cost: 0.29212, ips: 39.33715 images/sec

[2024/03/04 16:55:36] ppcls INFO: [Eval][Epoch 46][Avg]CELoss: 0.50919, loss: 0.50919, top1: 0.84722

[2024/03/04 16:55:36] ppcls INFO: [Eval][Epoch 46][best metric: 0.8888888955116272]

[2024/03/04 16:55:40] ppcls INFO: [Train][Epoch 47/100][Iter: 0/2]lr(LinearWarmup): 0.16525858, top1: 0.85065, CELoss: 0.68350, loss: 0.68350, batch\_cost: 3.77183s, reader\_cost: 3.24574, ips: 40.82897 samples/s, eta: 0:06:47

[2024/03/04 16:55:54] ppcls INFO: [Train][Epoch 47/100][Avg]top1: 0.86039, CELoss: 0.65007, loss: 0.65007

[2024/03/04 16:55:54] ppcls INFO: [Eval][Epoch 47][Iter: 0/10]CELoss: 0.59042, loss: 0.59042, top1: 0.87500, batch\_cost: 0.41508s, reader\_cost: 0.30073, ips: 38.54682 images/sec

[2024/03/04 16:55:58] ppcls INFO: [Eval][Epoch 47][Avg]CELoss: 0.51638, loss: 0.51638, top1: 0.85417

[2024/03/04 16:55:58] ppcls INFO: [Eval][Epoch 47][best metric: 0.8888888955116272]

[2024/03/04 16:56:02] ppcls INFO: [Train][Epoch 48/100][Iter: 0/2]lr(LinearWarmup): 0.16357237, top1: 0.87662, CELoss: 0.61826, loss: 0.61826, batch\_cost: 3.77192s, reader\_cost: 3.24610, ips: 40.82803 samples/s, eta: 0:06:39

[2024/03/04 16:56:16] ppcls INFO: [Train][Epoch 48/100][Avg]top1: 0.86364, CELoss: 0.63263, loss: 0.63263

[2024/03/04 16:56:16] ppcls INFO: [Eval][Epoch 48][Iter: 0/10]CELoss: 0.56396, loss: 0.56396, top1: 0.87500, batch\_cost: 0.42748s, reader\_cost: 0.31386, ips: 37.42849 images/sec

[2024/03/04 16:56:20] ppcls INFO: [Eval][Epoch 48][Avg]CELoss: 0.48686, loss: 0.48686, top1: 0.85417

[2024/03/04 16:56:20] ppcls INFO: [Eval][Epoch 48][best metric: 0.8888888955116272]

[2024/03/04 16:56:24] ppcls INFO: [Train][Epoch 49/100][Iter: 0/2]lr(LinearWarmup): 0.16185528, top1: 0.87662, CELoss: 0.62902, loss: 0.62902, batch\_cost: 3.76795s, reader\_cost: 3.24161, ips: 40.87104 samples/s, eta: 0:06:31

[2024/03/04 16:56:38] ppcls INFO: [Train][Epoch 49/100][Avg]top1: 0.88961, CELoss: 0.60598, loss: 0.60598

[2024/03/04 16:56:38] ppcls INFO: [Eval][Epoch 49][Iter: 0/10]CELoss: 0.69090, loss: 0.69090, top1: 0.87500, batch\_cost: 0.41138s, reader\_cost: 0.29776, ips: 38.89372 images/sec

[2024/03/04 16:56:42] ppcls INFO: [Eval][Epoch 49][Avg]CELoss: 0.45601, loss: 0.45601, top1: 0.88194

[2024/03/04 16:56:42] ppcls INFO: [Eval][Epoch 49][best metric: 0.8888888955116272]

[2024/03/04 16:56:46] ppcls INFO: [Train][Epoch 50/100][Iter: 0/2]lr(LinearWarmup): 0.16010811, top1: 0.83117, CELoss: 0.68001, loss: 0.68001, batch\_cost: 3.76596s, reader\_cost: 3.24025, ips: 40.89260 samples/s, eta: 0:06:24

[2024/03/04 16:57:00] ppcls INFO: [Train][Epoch 50/100][Avg]top1: 0.87013, CELoss: 0.63634, loss: 0.63634

[2024/03/04 16:57:00] ppcls INFO: [Eval][Epoch 50][Iter: 0/10]CELoss: 0.35651, loss: 0.35651, top1: 0.93750, batch\_cost: 0.43681s, reader\_cost: 0.32319, ips: 36.62946 images/sec

[2024/03/04 16:57:04] ppcls INFO: [Eval][Epoch 50][Avg]CELoss: 0.35057, loss: 0.35057, top1: 0.88194

[2024/03/04 16:57:04] ppcls INFO: [Eval][Epoch 50][best metric: 0.8888888955116272]

[2024/03/04 16:57:08] ppcls INFO: [Train][Epoch 51/100][Iter: 0/2]lr(LinearWarmup): 0.15833174, top1: 0.90909, CELoss: 0.59297, loss: 0.59297, batch\_cost: 3.75970s, reader\_cost: 3.23406, ips: 40.96070 samples/s, eta: 0:06:15

[2024/03/04 16:57:21] ppcls INFO: [Train][Epoch 51/100][Avg]top1: 0.89935, CELoss: 0.60528, loss: 0.60528

[2024/03/04 16:57:22] ppcls INFO: [Eval][Epoch 51][Iter: 0/10]CELoss: 0.09595, loss: 0.09595, top1: 1.00000, batch\_cost: 0.41009s, reader\_cost: 0.29547, ips: 39.01578 images/sec

[2024/03/04 16:57:25] ppcls INFO: [Eval][Epoch 51][Avg]CELoss: 0.30073, loss: 0.30073, top1: 0.91667

[2024/03/04 16:57:25] ppcls INFO: [Eval][Epoch 51][best metric: 0.9166666865348816]

[2024/03/04 16:57:29] ppcls INFO: [Train][Epoch 52/100][Iter: 0/2]lr(LinearWarmup): 0.15652701, top1: 0.87013, CELoss: 0.67038, loss: 0.67038, batch\_cost: 3.75840s, reader\_cost: 3.23297, ips: 40.97484 samples/s, eta: 0:06:08

[2024/03/04 16:57:43] ppcls INFO: [Train][Epoch 52/100][Avg]top1: 0.90584, CELoss: 0.59602, loss: 0.59602

[2024/03/04 16:57:43] ppcls INFO: [Eval][Epoch 52][Iter: 0/10]CELoss: 0.16840, loss: 0.16840, top1: 0.93750, batch\_cost: 0.40093s, reader\_cost: 0.28758, ips: 39.90713 images/sec

[2024/03/04 16:57:47] ppcls INFO: [Eval][Epoch 52][Avg]CELoss: 0.33005, loss: 0.33005, top1: 0.88194

[2024/03/04 16:57:47] ppcls INFO: [Eval][Epoch 52][best metric: 0.9166666865348816]

[2024/03/04 16:57:51] ppcls INFO: [Train][Epoch 53/100][Iter: 0/2]lr(LinearWarmup): 0.15469482, top1: 0.89610, CELoss: 0.61074, loss: 0.61074, batch\_cost: 3.75696s, reader\_cost: 3.23147, ips: 40.99063 samples/s, eta: 0:06:00

[2024/03/04 16:58:04] ppcls INFO: [Train][Epoch 53/100][Avg]top1: 0.88961, CELoss: 0.61540, loss: 0.61540

[2024/03/04 16:58:05] ppcls INFO: [Eval][Epoch 53][Iter: 0/10]CELoss: 0.28840, loss: 0.28840, top1: 0.93750, batch\_cost: 0.42526s, reader\_cost: 0.31165, ips: 37.62361 images/sec

[2024/03/04 16:58:08] ppcls INFO: [Eval][Epoch 53][Avg]CELoss: 0.35541, loss: 0.35541, top1: 0.88889

[2024/03/04 16:58:08] ppcls INFO: [Eval][Epoch 53][best metric: 0.9166666865348816]

[2024/03/04 16:58:13] ppcls INFO: [Train][Epoch 54/100][Iter: 0/2]lr(LinearWarmup): 0.15283603, top1: 0.85065, CELoss: 0.64367, loss: 0.64367, batch\_cost: 3.75589s, reader\_cost: 3.23066, ips: 41.00222 samples/s, eta: 0:05:53

[2024/03/04 16:58:27] ppcls INFO: [Train][Epoch 54/100][Avg]top1: 0.87662, CELoss: 0.60433, loss: 0.60433

[2024/03/04 16:58:27] ppcls INFO: [Eval][Epoch 54][Iter: 0/10]CELoss: 0.33250, loss: 0.33250, top1: 0.93750, batch\_cost: 0.44469s, reader\_cost: 0.33107, ips: 35.98014 images/sec

[2024/03/04 16:58:31] ppcls INFO: [Eval][Epoch 54][Avg]CELoss: 0.34506, loss: 0.34506, top1: 0.93056

[2024/03/04 16:58:31] ppcls INFO: [Eval][Epoch 54][best metric: 0.9305555820465088]

[2024/03/04 16:58:35] ppcls INFO: [Train][Epoch 55/100][Iter: 0/2]lr(LinearWarmup): 0.15095157, top1: 0.88312, CELoss: 0.57628, loss: 0.57628, batch\_cost: 3.75313s, reader\_cost: 3.22835, ips: 41.03239 samples/s, eta: 0:05:45

[2024/03/04 16:58:49] ppcls INFO: [Train][Epoch 55/100][Avg]top1: 0.88961, CELoss: 0.56532, loss: 0.56532

[2024/03/04 16:58:49] ppcls INFO: [Eval][Epoch 55][Iter: 0/10]CELoss: 0.17431, loss: 0.17431, top1: 1.00000, batch\_cost: 0.45174s, reader\_cost: 0.33812, ips: 35.41894 images/sec

[2024/03/04 16:58:53] ppcls INFO: [Eval][Epoch 55][Avg]CELoss: 0.30289, loss: 0.30289, top1: 0.92361

[2024/03/04 16:58:53] ppcls INFO: [Eval][Epoch 55][best metric: 0.9305555820465088]

[2024/03/04 16:58:57] ppcls INFO: [Train][Epoch 56/100][Iter: 0/2]lr(LinearWarmup): 0.14904235, top1: 0.88961, CELoss: 0.62512, loss: 0.62512, batch\_cost: 3.75475s, reader\_cost: 3.23013, ips: 41.01472 samples/s, eta: 0:05:37

[2024/03/04 16:59:11] ppcls INFO: [Train][Epoch 56/100][Avg]top1: 0.88312, CELoss: 0.61735, loss: 0.61735

[2024/03/04 16:59:11] ppcls INFO: [Eval][Epoch 56][Iter: 0/10]CELoss: 0.14242, loss: 0.14242, top1: 1.00000, batch\_cost: 0.45552s, reader\_cost: 0.34090, ips: 35.12501 images/sec

[2024/03/04 16:59:15] ppcls INFO: [Eval][Epoch 56][Avg]CELoss: 0.29285, loss: 0.29285, top1: 0.93750

[2024/03/04 16:59:15] ppcls INFO: [Eval][Epoch 56][best metric: 0.9375]

[2024/03/04 16:59:19] ppcls INFO: [Train][Epoch 57/100][Iter: 0/2]lr(LinearWarmup): 0.14710929, top1: 0.89610, CELoss: 0.63978, loss: 0.63978, batch\_cost: 3.75202s, reader\_cost: 3.22714, ips: 41.04460 samples/s, eta: 0:05:30

[2024/03/04 16:59:32] ppcls INFO: [Train][Epoch 57/100][Avg]top1: 0.90260, CELoss: 0.62918, loss: 0.62918

[2024/03/04 16:59:33] ppcls INFO: [Eval][Epoch 57][Iter: 0/10]CELoss: 0.23819, loss: 0.23819, top1: 0.93750, batch\_cost: 0.40615s, reader\_cost: 0.28954, ips: 39.39467 images/sec

[2024/03/04 16:59:36] ppcls INFO: [Eval][Epoch 57][Avg]CELoss: 0.32174, loss: 0.32174, top1: 0.92361

[2024/03/04 16:59:36] ppcls INFO: [Eval][Epoch 57][best metric: 0.9375]

[2024/03/04 16:59:41] ppcls INFO: [Train][Epoch 58/100][Iter: 0/2]lr(LinearWarmup): 0.14515334, top1: 0.90909, CELoss: 0.56152, loss: 0.56152, batch\_cost: 3.74812s, reader\_cost: 3.22430, ips: 41.08721 samples/s, eta: 0:05:22

[2024/03/04 16:59:54] ppcls INFO: [Train][Epoch 58/100][Avg]top1: 0.90260, CELoss: 0.57241, loss: 0.57241

[2024/03/04 16:59:55] ppcls INFO: [Eval][Epoch 58][Iter: 0/10]CELoss: 0.43282, loss: 0.43282, top1: 0.87500, batch\_cost: 0.40963s, reader\_cost: 0.29601, ips: 39.05970 images/sec

[2024/03/04 16:59:58] ppcls INFO: [Eval][Epoch 58][Avg]CELoss: 0.36108, loss: 0.36108, top1: 0.90972

[2024/03/04 16:59:58] ppcls INFO: [Eval][Epoch 58][best metric: 0.9375]

[2024/03/04 17:00:02] ppcls INFO: [Train][Epoch 59/100][Iter: 0/2]lr(LinearWarmup): 0.14317544, top1: 0.91558, CELoss: 0.59500, loss: 0.59500, batch\_cost: 3.74846s, reader\_cost: 3.22550, ips: 41.08353 samples/s, eta: 0:05:14

[2024/03/04 17:00:16] ppcls INFO: [Train][Epoch 59/100][Avg]top1: 0.90909, CELoss: 0.57783, loss: 0.57783

[2024/03/04 17:00:16] ppcls INFO: [Eval][Epoch 59][Iter: 0/10]CELoss: 0.38250, loss: 0.38250, top1: 0.87500, batch\_cost: 0.41302s, reader\_cost: 0.29840, ips: 38.73948 images/sec

[2024/03/04 17:00:20] ppcls INFO: [Eval][Epoch 59][Avg]CELoss: 0.33518, loss: 0.33518, top1: 0.93056

[2024/03/04 17:00:20] ppcls INFO: [Eval][Epoch 59][best metric: 0.9375]

[2024/03/04 17:00:24] ppcls INFO: [Train][Epoch 60/100][Iter: 0/2]lr(LinearWarmup): 0.14117655, top1: 0.95455, CELoss: 0.48634, loss: 0.48634, batch\_cost: 3.74753s, reader\_cost: 3.22593, ips: 41.09370 samples/s, eta: 0:05:07

[2024/03/04 17:00:38] ppcls INFO: [Train][Epoch 60/100][Avg]top1: 0.89935, CELoss: 0.58315, loss: 0.58315

[2024/03/04 17:00:38] ppcls INFO: [Eval][Epoch 60][Iter: 0/10]CELoss: 0.28290, loss: 0.28290, top1: 0.93750, batch\_cost: 0.40035s, reader\_cost: 0.28672, ips: 39.96533 images/sec

[2024/03/04 17:00:42] ppcls INFO: [Eval][Epoch 60][Avg]CELoss: 0.33689, loss: 0.33689, top1: 0.90972

[2024/03/04 17:00:42] ppcls INFO: [Eval][Epoch 60][best metric: 0.9375]

[2024/03/04 17:00:42] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\epoch\_60

[2024/03/04 17:00:42] ppcls INFO: Already save model in ./output/pplcnet\PPLCNetV2\_base\latest

[2024/03/04 17:00:46] ppcls INFO: [Train][Epoch 61/100][Iter: 0/2]lr(LinearWarmup): 0.13915765, top1: 0.83766, CELoss: 0.64557, loss: 0.64557, batch\_cost: 3.75244s, reader\_cost: 3.23127, ips: 41.03998 samples/s, eta: 0:05:00

[2024/03/04 17:01:00] ppcls INFO: [Train][Epoch 61/100][Avg]top1: 0.86688, CELoss: 0.62250, loss: 0.62250

[2024/03/04 17:01:00] ppcls INFO: [Eval][Epoch 61][Iter: 0/10]CELoss: 0.20477, loss: 0.20477, top1: 1.00000, batch\_cost: 0.42210s, reader\_cost: 0.30885, ips: 37.90590 images/sec

[2024/03/04 17:01:04] ppcls INFO: [Eval][Epoch 61][Avg]CELoss: 0.28125, loss: 0.28125, top1: 0.92361

[2024/03/04 17:01:04] ppcls INFO: [Eval][Epoch 61][best metric: 0.9375]

[2024/03/04 17:01:08] ppcls INFO: [Train][Epoch 62/100][Iter: 0/2]lr(LinearWarmup): 0.13711972, top1: 0.87662, CELoss: 0.63289, loss: 0.63289, batch\_cost: 3.74850s, reader\_cost: 3.22708, ips: 41.08314 samples/s, eta: 0:04:52

[2024/03/04 17:01:21] ppcls INFO: [Train][Epoch 62/100][Avg]top1: 0.87987, CELoss: 0.62701, loss: 0.62701

[2024/03/04 17:01:22] ppcls INFO: [Eval][Epoch 62][Iter: 0/10]CELoss: 0.19977, loss: 0.19977, top1: 1.00000, batch\_cost: 0.40863s, reader\_cost: 0.29402, ips: 39.15487 images/sec

[2024/03/04 17:01:25] ppcls INFO: [Eval][Epoch 62][Avg]CELoss: 0.28329, loss: 0.28329, top1: 0.94444

[2024/03/04 17:01:25] ppcls INFO: [Eval][Epoch 62][best metric: 0.944444477558136]

[2024/03/04 17:01:30] ppcls INFO: [Train][Epoch 63/100][Iter: 0/2]lr(LinearWarmup): 0.13506376, top1: 0.87662, CELoss: 0.63673, loss: 0.63673, batch\_cost: 3.74781s, reader\_cost: 3.22681, ips: 41.09064 samples/s, eta: 0:04:44

[2024/03/04 17:01:43] ppcls INFO: [Train][Epoch 63/100][Avg]top1: 0.90909, CELoss: 0.57056, loss: 0.57056

[2024/03/04 17:01:44] ppcls INFO: [Eval][Epoch 63][Iter: 0/10]CELoss: 0.15003, loss: 0.15003, top1: 1.00000, batch\_cost: 0.41240s, reader\_cost: 0.29778, ips: 38.79733 images/sec

[2024/03/04 17:01:47] ppcls INFO: [Eval][Epoch 63][Avg]CELoss: 0.28855, loss: 0.28855, top1: 0.93750

[2024/03/04 17:01:47] ppcls INFO: [Eval][Epoch 63][best metric: 0.944444477558136]

[2024/03/04 17:01:51] ppcls INFO: [Train][Epoch 64/100][Iter: 0/2]lr(LinearWarmup): 0.13299074, top1: 0.86364, CELoss: 0.64480, loss: 0.64480, batch\_cost: 3.74708s, reader\_cost: 3.22624, ips: 41.09865 samples/s, eta: 0:04:37

[2024/03/04 17:02:05] ppcls INFO: [Train][Epoch 64/100][Avg]top1: 0.88961, CELoss: 0.61212, loss: 0.61212

[2024/03/04 17:02:06] ppcls INFO: [Eval][Epoch 64][Iter: 0/10]CELoss: 0.12442, loss: 0.12442, top1: 1.00000, batch\_cost: 0.41366s, reader\_cost: 0.30005, ips: 38.67866 images/sec

[2024/03/04 17:02:09] ppcls INFO: [Eval][Epoch 64][Avg]CELoss: 0.28953, loss: 0.28953, top1: 0.93056

[2024/03/04 17:02:09] ppcls INFO: [Eval][Epoch 64][best metric: 0.944444477558136]

[2024/03/04 17:02:13] ppcls INFO: [Train][Epoch 65/100][Iter: 0/2]lr(LinearWarmup): 0.13090170, top1: 0.88961, CELoss: 0.61604, loss: 0.61604, batch\_cost: 3.74526s, reader\_cost: 3.22460, ips: 41.11861 samples/s, eta: 0:04:29

[2024/03/04 17:02:27] ppcls INFO: [Train][Epoch 65/100][Avg]top1: 0.87987, CELoss: 0.60632, loss: 0.60632

[2024/03/04 17:02:27] ppcls INFO: [Eval][Epoch 65][Iter: 0/10]CELoss: 0.16164, loss: 0.16164, top1: 1.00000, batch\_cost: 0.39966s, reader\_cost: 0.28505, ips: 40.03373 images/sec

[2024/03/04 17:02:31] ppcls INFO: [Eval][Epoch 65][Avg]CELoss: 0.29368, loss: 0.29368, top1: 0.93056

[2024/03/04 17:02:31] ppcls INFO: [Eval][Epoch 65][best metric: 0.944444477558136]

[2024/03/04 17:02:35] ppcls INFO: [Train][Epoch 66/100][Iter: 0/2]lr(LinearWarmup): 0.12879764, top1: 0.90909, CELoss: 0.56265, loss: 0.56265, batch\_cost: 3.74472s, reader\_cost: 3.22549, ips: 41.12457 samples/s, eta: 0:04:22

[2024/03/04 17:02:49] ppcls INFO: [Train][Epoch 66/100][Avg]top1: 0.88312, CELoss: 0.59896, loss: 0.59896

[2024/03/04 17:02:49] ppcls INFO: [Eval][Epoch 66][Iter: 0/10]CELoss: 0.27303, loss: 0.27303, top1: 1.00000, batch\_cost: 0.41150s, reader\_cost: 0.29689, ips: 38.88203 images/sec

[2024/03/04 17:02:53] ppcls INFO: [Eval][Epoch 66][Avg]CELoss: 0.28935, loss: 0.28935, top1: 0.92361

[2024/03/04 17:02:53] ppcls INFO: [Eval][Epoch 66][best metric: 0.944444477558136]

[2024/03/04 17:02:57] ppcls INFO: [Train][Epoch 67/100][Iter: 0/2]lr(LinearWarmup): 0.12667958, top1: 0.88312, CELoss: 0.62268, loss: 0.62268, batch\_cost: 3.74631s, reader\_cost: 3.22691, ips: 41.10711 samples/s, eta: 0:04:14

[2024/03/04 17:03:11] ppcls INFO: [Train][Epoch 67/100][Avg]top1: 0.91558, CELoss: 0.56963, loss: 0.56963

[2024/03/04 17:03:11] ppcls INFO: [Eval][Epoch 67][Iter: 0/10]CELoss: 0.48147, loss: 0.48147, top1: 0.81250, batch\_cost: 0.43853s, reader\_cost: 0.32491, ips: 36.48526 images/sec

[2024/03/04 17:03:15] ppcls INFO: [Eval][Epoch 67][Avg]CELoss: 0.34594, loss: 0.34594, top1: 0.90972

[2024/03/04 17:03:15] ppcls INFO: [Eval][Epoch 67][best metric: 0.944444477558136]

[2024/03/04 17:03:19] ppcls INFO: [Train][Epoch 68/100][Iter: 0/2]lr(LinearWarmup): 0.12454855, top1: 0.90909, CELoss: 0.57902, loss: 0.57902, batch\_cost: 3.74514s, reader\_cost: 3.22601, ips: 41.11994 samples/s, eta: 0:04:07

[2024/03/04 17:03:32] ppcls INFO: [Train][Epoch 68/100][Avg]top1: 0.91558, CELoss: 0.55175, loss: 0.55175

[2024/03/04 17:03:33] ppcls INFO: [Eval][Epoch 68][Iter: 0/10]CELoss: 0.51430, loss: 0.51430, top1: 0.81250, batch\_cost: 0.40366s, reader\_cost: 0.29104, ips: 39.63741 images/sec

[2024/03/04 17:03:36] ppcls INFO: [Eval][Epoch 68][Avg]CELoss: 0.40985, loss: 0.40985, top1: 0.87500

[2024/03/04 17:03:36] ppcls INFO: [Eval][Epoch 68][best metric: 0.944444477558136]

[2024/03/04 17:03:40] ppcls INFO: [Train][Epoch 69/100][Iter: 0/2]lr(LinearWarmup): 0.12240559, top1: 0.84416, CELoss: 0.64612, loss: 0.64612, batch\_cost: 3.74150s, reader\_cost: 3.22314, ips: 41.15995 samples/s, eta: 0:03:59

[2024/03/04 17:03:54] ppcls INFO: [Train][Epoch 69/100][Avg]top1: 0.87338, CELoss: 0.61534, loss: 0.61534

[2024/03/04 17:03:54] ppcls INFO: [Eval][Epoch 69][Iter: 0/10]CELoss: 0.45051, loss: 0.45051, top1: 0.87500, batch\_cost: 0.40983s, reader\_cost: 0.29620, ips: 39.04034 images/sec

[2024/03/04 17:03:58] ppcls INFO: [Eval][Epoch 69][Avg]CELoss: 0.43871, loss: 0.43871, top1: 0.88194

[2024/03/04 17:03:58] ppcls INFO: [Eval][Epoch 69][best metric: 0.944444477558136]

[2024/03/04 17:04:03] ppcls INFO: [Train][Epoch 70/100][Iter: 0/2]lr(LinearWarmup): 0.12025174, top1: 0.87662, CELoss: 0.62825, loss: 0.62825, batch\_cost: 3.74566s, reader\_cost: 3.22767, ips: 41.11428 samples/s, eta: 0:03:52

[2024/03/04 17:04:16] ppcls INFO: [Train][Epoch 70/100][Avg]top1: 0.89610, CELoss: 0.57091, loss: 0.57091

[2024/03/04 17:04:17] ppcls INFO: [Eval][Epoch 70][Iter: 0/10]CELoss: 0.46071, loss: 0.46071, top1: 0.87500, batch\_cost: 0.44752s, reader\_cost: 0.33390, ips: 35.75250 images/sec

[2024/03/04 17:04:20] ppcls INFO: [Eval][Epoch 70][Avg]CELoss: 0.42738, loss: 0.42738, top1: 0.88194

[2024/03/04 17:04:20] ppcls INFO: [Eval][Epoch 70][best metric: 0.944444477558136]

[2024/03/04 17:04:24] ppcls INFO: [Train][Epoch 71/100][Iter: 0/2]lr(LinearWarmup): 0.11808805, top1: 0.89610, CELoss: 0.52128, loss: 0.52128, batch\_cost: 3.74285s, reader\_cost: 3.22469, ips: 41.14509 samples/s, eta: 0:03:44

[2024/03/04 17:04:38] ppcls INFO: [Train][Epoch 71/100][Avg]top1: 0.90584, CELoss: 0.52640, loss: 0.52640

[2024/03/04 17:04:39] ppcls INFO: [Eval][Epoch 71][Iter: 0/10]CELoss: 0.49774, loss: 0.49774, top1: 0.87500, batch\_cost: 0.40963s, reader\_cost: 0.29601, ips: 39.05968 images/sec

[2024/03/04 17:04:42] ppcls INFO: [Eval][Epoch 71][Avg]CELoss: 0.39863, loss: 0.39863, top1: 0.88194

[2024/03/04 17:04:42] ppcls INFO: [Eval][Epoch 71][best metric: 0.944444477558136]

[2024/03/04 17:04:46] ppcls INFO: [Train][Epoch 72/100][Iter: 0/2]lr(LinearWarmup): 0.11591557, top1: 0.89610, CELoss: 0.52516, loss: 0.52516, batch\_cost: 3.74644s, reader\_cost: 3.22747, ips: 41.10565 samples/s, eta: 0:03:37

[2024/03/04 17:05:00] ppcls INFO: [Train][Epoch 72/100][Avg]top1: 0.89286, CELoss: 0.55306, loss: 0.55306

[2024/03/04 17:05:00] ppcls INFO: [Eval][Epoch 72][Iter: 0/10]CELoss: 0.53897, loss: 0.53897, top1: 0.81250, batch\_cost: 0.43320s, reader\_cost: 0.31672, ips: 36.93402 images/sec

[2024/03/04 17:05:04] ppcls INFO: [Eval][Epoch 72][Avg]CELoss: 0.37989, loss: 0.37989, top1: 0.89583

[2024/03/04 17:05:04] ppcls INFO: [Eval][Epoch 72][best metric: 0.944444477558136]

[2024/03/04 17:05:08] ppcls INFO: [Train][Epoch 73/100][Iter: 0/2]lr(LinearWarmup): 0.11373536, top1: 0.92208, CELoss: 0.54595, loss: 0.54595, batch\_cost: 3.74891s, reader\_cost: 3.23005, ips: 41.07865 samples/s, eta: 0:03:29

[2024/03/04 17:05:22] ppcls INFO: [Train][Epoch 73/100][Avg]top1: 0.90909, CELoss: 0.56038, loss: 0.56038

[2024/03/04 17:05:22] ppcls INFO: [Eval][Epoch 73][Iter: 0/10]CELoss: 0.55160, loss: 0.55160, top1: 0.81250, batch\_cost: 0.43034s, reader\_cost: 0.31672, ips: 37.18021 images/sec

[2024/03/04 17:05:26] ppcls INFO: [Eval][Epoch 73][Avg]CELoss: 0.38724, loss: 0.38724, top1: 0.90972

[2024/03/04 17:05:26] ppcls INFO: [Eval][Epoch 73][best metric: 0.944444477558136]

[2024/03/04 17:05:30] ppcls INFO: [Train][Epoch 74/100][Iter: 0/2]lr(LinearWarmup): 0.11154846, top1: 0.88961, CELoss: 0.59815, loss: 0.59815, batch\_cost: 3.75189s, reader\_cost: 3.23305, ips: 41.04600 samples/s, eta: 0:03:22

[2024/03/04 17:05:44] ppcls INFO: [Train][Epoch 74/100][Avg]top1: 0.90909, CELoss: 0.57365, loss: 0.57365

[2024/03/04 17:05:44] ppcls INFO: [Eval][Epoch 74][Iter: 0/10]CELoss: 0.49470, loss: 0.49470, top1: 0.81250, batch\_cost: 0.42975s, reader\_cost: 0.31613, ips: 37.23058 images/sec

[2024/03/04 17:05:48] ppcls INFO: [Eval][Epoch 74][Avg]CELoss: 0.36567, loss: 0.36567, top1: 0.90278

[2024/03/04 17:05:48] ppcls INFO: [Eval][Epoch 74][best metric: 0.944444477558136]

[2024/03/04 17:05:52] ppcls INFO: [Train][Epoch 75/100][Iter: 0/2]lr(LinearWarmup): 0.10935596, top1: 0.85714, CELoss: 0.64538, loss: 0.64538, batch\_cost: 3.74765s, reader\_cost: 3.22916, ips: 41.09242 samples/s, eta: 0:03:14

[2024/03/04 17:06:05] ppcls INFO: [Train][Epoch 75/100][Avg]top1: 0.89286, CELoss: 0.57484, loss: 0.57484

[2024/03/04 17:06:06] ppcls INFO: [Eval][Epoch 75][Iter: 0/10]CELoss: 0.40636, loss: 0.40636, top1: 0.81250, batch\_cost: 0.41162s, reader\_cost: 0.29800, ips: 38.87054 images/sec

[2024/03/04 17:06:09] ppcls INFO: [Eval][Epoch 75][Avg]CELoss: 0.33726, loss: 0.33726, top1: 0.90972

[2024/03/04 17:06:09] ppcls INFO: [Eval][Epoch 75][best metric: 0.944444477558136]

[2024/03/04 17:06:13] ppcls INFO: [Train][Epoch 76/100][Iter: 0/2]lr(LinearWarmup): 0.10715891, top1: 0.91558, CELoss: 0.56552, loss: 0.56552, batch\_cost: 3.74517s, reader\_cost: 3.22676, ips: 41.11958 samples/s, eta: 0:03:07

[2024/03/04 17:06:27] ppcls INFO: [Train][Epoch 76/100][Avg]top1: 0.91558, CELoss: 0.55808, loss: 0.55808

[2024/03/04 17:06:27] ppcls INFO: [Eval][Epoch 76][Iter: 0/10]CELoss: 0.37500, loss: 0.37500, top1: 0.81250, batch\_cost: 0.40787s, reader\_cost: 0.29027, ips: 39.22788 images/sec

[2024/03/04 17:06:31] ppcls INFO: [Eval][Epoch 76][Avg]CELoss: 0.33936, loss: 0.33936, top1: 0.90972

[2024/03/04 17:06:31] ppcls INFO: [Eval][Epoch 76][best metric: 0.944444477558136]

[2024/03/04 17:06:35] ppcls INFO: [Train][Epoch 77/100][Iter: 0/2]lr(LinearWarmup): 0.10495838, top1: 0.90260, CELoss: 0.57084, loss: 0.57084, batch\_cost: 3.74620s, reader\_cost: 3.22760, ips: 41.10830 samples/s, eta: 0:02:59

[2024/03/04 17:06:49] ppcls INFO: [Train][Epoch 77/100][Avg]top1: 0.91558, CELoss: 0.54680, loss: 0.54680

[2024/03/04 17:06:49] ppcls INFO: [Eval][Epoch 77][Iter: 0/10]CELoss: 0.39400, loss: 0.39400, top1: 0.81250, batch\_cost: 0.42358s, reader\_cost: 0.30996, ips: 37.77293 images/sec

[2024/03/04 17:06:53] ppcls INFO: [Eval][Epoch 77][Avg]CELoss: 0.33866, loss: 0.33866, top1: 0.88889

[2024/03/04 17:06:53] ppcls INFO: [Eval][Epoch 77][best metric: 0.944444477558136]

[2024/03/04 17:06:57] ppcls INFO: [Train][Epoch 78/100][Iter: 0/2]lr(LinearWarmup): 0.10275543, top1: 0.92857, CELoss: 0.51460, loss: 0.51460, batch\_cost: 3.74798s, reader\_cost: 3.22953, ips: 41.08885 samples/s, eta: 0:02:52

[2024/03/04 17:07:11] ppcls INFO: [Train][Epoch 78/100][Avg]top1: 0.92532, CELoss: 0.51724, loss: 0.51724

[2024/03/04 17:07:11] ppcls INFO: [Eval][Epoch 78][Iter: 0/10]CELoss: 0.43822, loss: 0.43822, top1: 0.81250, batch\_cost: 0.39866s, reader\_cost: 0.28404, ips: 40.13470 images/sec

[2024/03/04 17:07:15] ppcls INFO: [Eval][Epoch 78][Avg]CELoss: 0.32403, loss: 0.32403, top1: 0.90972

[2024/03/04 17:07:15] ppcls INFO: [Eval][Epoch 78][best metric: 0.944444477558136]

[2024/03/04 17:07:19] ppcls INFO: [Train][Epoch 79/100][Iter: 0/2]lr(LinearWarmup): 0.10055115, top1: 0.88312, CELoss: 0.61227, loss: 0.61227, batch\_cost: 3.74754s, reader\_cost: 3.22868, ips: 41.09363 samples/s, eta: 0:02:44

[2024/03/04 17:07:33] ppcls INFO: [Train][Epoch 79/100][Avg]top1: 0.89286, CELoss: 0.59352, loss: 0.59352

[2024/03/04 17:07:33] ppcls INFO: [Eval][Epoch 79][Iter: 0/10]CELoss: 0.52128, loss: 0.52128, top1: 0.81250, batch\_cost: 0.44547s, reader\_cost: 0.32986, ips: 35.91686 images/sec

[2024/03/04 17:07:37] ppcls INFO: [Eval][Epoch 79][Avg]CELoss: 0.32366, loss: 0.32366, top1: 0.90972

[2024/03/04 17:07:37] ppcls INFO: [Eval][Epoch 79][best metric: 0.944444477558136]

[2024/03/04 17:07:41] ppcls INFO: [Train][Epoch 80/100][Iter: 0/2]lr(LinearWarmup): 0.09834661, top1: 0.91558, CELoss: 0.53186, loss: 0.53186, batch\_cost: 3.74743s, reader\_cost: 3.22913, ips: 41.09488 samples/s, eta: 0:02:37

[2024/03/04 17:07:55] ppcls INFO: [Train][Epoch 80/100][Avg]top1: 0.90584, CELoss: 0.55467, loss: 0.55467

[2024/03/04 17:07:55] ppcls INFO: [Eval][Epoch 80][Iter: 0/10]CELoss: 0.46814, loss: 0.46814, top1: 0.81250, batch\_cost: 0.41585s, reader\_cost: 0.30123, ips: 38.47502 images/sec

[2024/03/04 17:07:59] ppcls INFO: [Eval][Epoch 80][Avg]CELoss: 0.31907, loss: 0.31907, top1: 0.90278

[2024/03/04 17:07:59] ppcls INFO: [Eval][Epoch 80][best metric: 0.944444477558136]

[2024/03/04 17:08:03] ppcls INFO: [Train][Epoch 81/100][Iter: 0/2]lr(LinearWarmup): 0.09614286, top1: 0.87662, CELoss: 0.60172, loss: 0.60172, batch\_cost: 3.74623s, reader\_cost: 3.22693, ips: 41.10805 samples/s, eta: 0:02:29

[2024/03/04 17:08:16] ppcls INFO: [Train][Epoch 81/100][Avg]top1: 0.90584, CELoss: 0.55770, loss: 0.55770

[2024/03/04 17:08:17] ppcls INFO: [Eval][Epoch 81][Iter: 0/10]CELoss: 0.48533, loss: 0.48533, top1: 0.87500, batch\_cost: 0.40323s, reader\_cost: 0.28961, ips: 39.67994 images/sec

[2024/03/04 17:08:20] ppcls INFO: [Eval][Epoch 81][Avg]CELoss: 0.34058, loss: 0.34058, top1: 0.90278

[2024/03/04 17:08:20] ppcls INFO: [Eval][Epoch 81][best metric: 0.944444477558136]

[2024/03/04 17:08:24] ppcls INFO: [Train][Epoch 82/100][Iter: 0/2]lr(LinearWarmup): 0.09394099, top1: 0.86364, CELoss: 0.63250, loss: 0.63250, batch\_cost: 3.74745s, reader\_cost: 3.22697, ips: 41.09465 samples/s, eta: 0:02:22

[2024/03/04 17:08:38] ppcls INFO: [Train][Epoch 82/100][Avg]top1: 0.87662, CELoss: 0.59615, loss: 0.59615

[2024/03/04 17:08:38] ppcls INFO: [Eval][Epoch 82][Iter: 0/10]CELoss: 0.53073, loss: 0.53073, top1: 0.81250, batch\_cost: 0.42397s, reader\_cost: 0.31035, ips: 37.73852 images/sec

[2024/03/04 17:08:42] ppcls INFO: [Eval][Epoch 82][Avg]CELoss: 0.37029, loss: 0.37029, top1: 0.88889

[2024/03/04 17:08:42] ppcls INFO: [Eval][Epoch 82][best metric: 0.944444477558136]

[2024/03/04 17:08:46] ppcls INFO: [Train][Epoch 83/100][Iter: 0/2]lr(LinearWarmup): 0.09174207, top1: 0.89610, CELoss: 0.57757, loss: 0.57757, batch\_cost: 3.74732s, reader\_cost: 3.22666, ips: 41.09609 samples/s, eta: 0:02:14

[2024/03/04 17:09:00] ppcls INFO: [Train][Epoch 83/100][Avg]top1: 0.89286, CELoss: 0.56788, loss: 0.56788

[2024/03/04 17:09:00] ppcls INFO: [Eval][Epoch 83][Iter: 0/10]CELoss: 0.75066, loss: 0.75066, top1: 0.62500, batch\_cost: 0.41727s, reader\_cost: 0.30265, ips: 38.34481 images/sec

[2024/03/04 17:09:04] ppcls INFO: [Eval][Epoch 83][Avg]CELoss: 0.45464, loss: 0.45464, top1: 0.84028

[2024/03/04 17:09:04] ppcls INFO: [Eval][Epoch 83][best metric: 0.944444477558136]

[2024/03/04 17:09:08] ppcls INFO: [Train][Epoch 84/100][Iter: 0/2]lr(LinearWarmup): 0.08954715, top1: 0.90260, CELoss: 0.57179, loss: 0.57179, batch\_cost: 3.74460s, reader\_cost: 3.22363, ips: 41.12593 samples/s, eta: 0:02:07

[2024/03/04 17:09:21] ppcls INFO: [Train][Epoch 84/100][Avg]top1: 0.90584, CELoss: 0.54553, loss: 0.54553

[2024/03/04 17:09:22] ppcls INFO: [Eval][Epoch 84][Iter: 0/10]CELoss: 0.67478, loss: 0.67478, top1: 0.68750, batch\_cost: 0.41034s, reader\_cost: 0.29672, ips: 38.99171 images/sec

[2024/03/04 17:09:25] ppcls INFO: [Eval][Epoch 84][Avg]CELoss: 0.44897, loss: 0.44897, top1: 0.84722

[2024/03/04 17:09:25] ppcls INFO: [Eval][Epoch 84][best metric: 0.944444477558136]

[2024/03/04 17:09:29] ppcls INFO: [Train][Epoch 85/100][Iter: 0/2]lr(LinearWarmup): 0.08735732, top1: 0.90260, CELoss: 0.56881, loss: 0.56881, batch\_cost: 3.74283s, reader\_cost: 3.22290, ips: 41.14532 samples/s, eta: 0:01:59

[2024/03/04 17:09:43] ppcls INFO: [Train][Epoch 85/100][Avg]top1: 0.90584, CELoss: 0.56472, loss: 0.56472

[2024/03/04 17:09:44] ppcls INFO: [Eval][Epoch 85][Iter: 0/10]CELoss: 0.38072, loss: 0.38072, top1: 0.87500, batch\_cost: 0.41157s, reader\_cost: 0.29795, ips: 38.87590 images/sec

[2024/03/04 17:09:47] ppcls INFO: [Eval][Epoch 85][Avg]CELoss: 0.35917, loss: 0.35917, top1: 0.89583

[2024/03/04 17:09:47] ppcls INFO: [Eval][Epoch 85][best metric: 0.944444477558136]

[2024/03/04 17:09:52] ppcls INFO: [Train][Epoch 86/100][Iter: 0/2]lr(LinearWarmup): 0.08517364, top1: 0.87013, CELoss: 0.61615, loss: 0.61615, batch\_cost: 3.74516s, reader\_cost: 3.22511, ips: 41.11969 samples/s, eta: 0:01:52

[2024/03/04 17:10:05] ppcls INFO: [Train][Epoch 86/100][Avg]top1: 0.88961, CELoss: 0.57109, loss: 0.57109

[2024/03/04 17:10:06] ppcls INFO: [Eval][Epoch 86][Iter: 0/10]CELoss: 0.18821, loss: 0.18821, top1: 1.00000, batch\_cost: 0.40709s, reader\_cost: 0.29346, ips: 39.30370 images/sec

[2024/03/04 17:10:09] ppcls INFO: [Eval][Epoch 86][Avg]CELoss: 0.30666, loss: 0.30666, top1: 0.92361

[2024/03/04 17:10:09] ppcls INFO: [Eval][Epoch 86][best metric: 0.944444477558136]

[2024/03/04 17:10:13] ppcls INFO: [Train][Epoch 87/100][Iter: 0/2]lr(LinearWarmup): 0.08299715, top1: 0.90909, CELoss: 0.52420, loss: 0.52420, batch\_cost: 3.74526s, reader\_cost: 3.22543, ips: 41.11859 samples/s, eta: 0:01:44

[2024/03/04 17:10:27] ppcls INFO: [Train][Epoch 87/100][Avg]top1: 0.92532, CELoss: 0.51481, loss: 0.51481

[2024/03/04 17:10:27] ppcls INFO: [Eval][Epoch 87][Iter: 0/10]CELoss: 0.14319, loss: 0.14319, top1: 1.00000, batch\_cost: 0.40863s, reader\_cost: 0.29501, ips: 39.15494 images/sec

[2024/03/04 17:10:31] ppcls INFO: [Eval][Epoch 87][Avg]CELoss: 0.28978, loss: 0.28978, top1: 0.93750

[2024/03/04 17:10:31] ppcls INFO: [Eval][Epoch 87][best metric: 0.944444477558136]

[2024/03/04 17:10:35] ppcls INFO: [Train][Epoch 88/100][Iter: 0/2]lr(LinearWarmup): 0.08082894, top1: 0.82468, CELoss: 0.72624, loss: 0.72624, batch\_cost: 3.74591s, reader\_cost: 3.22634, ips: 41.11148 samples/s, eta: 0:01:37

[2024/03/04 17:10:49] ppcls INFO: [Train][Epoch 88/100][Avg]top1: 0.87662, CELoss: 0.60913, loss: 0.60913

[2024/03/04 17:10:49] ppcls INFO: [Eval][Epoch 88][Iter: 0/10]CELoss: 0.13928, loss: 0.13928, top1: 1.00000, batch\_cost: 0.40839s, reader\_cost: 0.29378, ips: 39.17777 images/sec

[2024/03/04 17:10:53] ppcls INFO: [Eval][Epoch 88][Avg]CELoss: 0.29406, loss: 0.29406, top1: 0.93750

[2024/03/04 17:10:53] ppcls INFO: [Eval][Epoch 88][best metric: 0.944444477558136]

[2024/03/04 17:10:57] ppcls INFO: [Train][Epoch 89/100][Iter: 0/2]lr(LinearWarmup): 0.07867004, top1: 0.85714, CELoss: 0.60587, loss: 0.60587, batch\_cost: 3.74423s, reader\_cost: 3.22456, ips: 41.12998 samples/s, eta: 0:01:29

[2024/03/04 17:11:11] ppcls INFO: [Train][Epoch 89/100][Avg]top1: 0.88961, CELoss: 0.55978, loss: 0.55978

[2024/03/04 17:11:11] ppcls INFO: [Eval][Epoch 89][Iter: 0/10]CELoss: 0.17476, loss: 0.17476, top1: 1.00000, batch\_cost: 0.40669s, reader\_cost: 0.29208, ips: 39.34195 images/sec

[2024/03/04 17:11:15] ppcls INFO: [Eval][Epoch 89][Avg]CELoss: 0.29872, loss: 0.29872, top1: 0.93750

[2024/03/04 17:11:15] ppcls INFO: [Eval][Epoch 89][best metric: 0.944444477558136]

[2024/03/04 17:11:18] ppcls INFO: [Train][Epoch 90/100][Iter: 0/2]lr(LinearWarmup): 0.07652150, top1: 0.92857, CELoss: 0.54568, loss: 0.54568, batch\_cost: 3.74120s, reader\_cost: 3.22148, ips: 41.16323 samples/s, eta: 0:01:22

[2024/03/04 17:11:32] ppcls INFO: [Train][Epoch 90/100][Avg]top1: 0.90260, CELoss: 0.55859, loss: 0.55859

[2024/03/04 17:11:32] ppcls INFO: [Eval][Epoch 90][Iter: 0/10]CELoss: 0.23441, loss: 0.23441, top1: 1.00000, batch\_cost: 0.42019s, reader\_cost: 0.30757, ips: 38.07787 images/sec

[2024/03/04 17:11:36] ppcls INFO: [Eval][Epoch 90][Avg]CELoss: 0.30578, loss: 0.30578, top1: 0.93750

[2024/03/04 17:11:36] ppcls INFO: [Eval][Epoch 90][best metric: 0.944444477558136]

[2024/03/04 17:11:40] ppcls INFO: [Train][Epoch 91/100][Iter: 0/2]lr(LinearWarmup): 0.07438438, top1: 0.89610, CELoss: 0.56932, loss: 0.56932, batch\_cost: 3.74017s, reader\_cost: 3.22100, ips: 41.17460 samples/s, eta: 0:01:14

[2024/03/04 17:11:54] ppcls INFO: [Train][Epoch 91/100][Avg]top1: 0.89610, CELoss: 0.56532, loss: 0.56532

[2024/03/04 17:11:54] ppcls INFO: [Eval][Epoch 91][Iter: 0/10]CELoss: 0.27597, loss: 0.27597, top1: 1.00000, batch\_cost: 0.44252s, reader\_cost: 0.32890, ips: 36.15657 images/sec

[2024/03/04 17:11:58] ppcls INFO: [Eval][Epoch 91][Avg]CELoss: 0.31630, loss: 0.31630, top1: 0.93056

[2024/03/04 17:11:58] ppcls INFO: [Eval][Epoch 91][best metric: 0.944444477558136]

[2024/03/04 17:12:02] ppcls INFO: [Train][Epoch 92/100][Iter: 0/2]lr(LinearWarmup): 0.07225971, top1: 0.87662, CELoss: 0.61613, loss: 0.61613, batch\_cost: 3.73945s, reader\_cost: 3.22059, ips: 41.18248 samples/s, eta: 0:01:07

[2024/03/04 17:12:16] ppcls INFO: [Train][Epoch 92/100][Avg]top1: 0.89935, CELoss: 0.56532, loss: 0.56532

[2024/03/04 17:12:16] ppcls INFO: [Eval][Epoch 92][Iter: 0/10]CELoss: 0.29296, loss: 0.29296, top1: 0.93750, batch\_cost: 0.42980s, reader\_cost: 0.31618, ips: 37.22703 images/sec

[2024/03/04 17:12:20] ppcls INFO: [Eval][Epoch 92][Avg]CELoss: 0.32598, loss: 0.32598, top1: 0.91667

[2024/03/04 17:12:20] ppcls INFO: [Eval][Epoch 92][best metric: 0.944444477558136]

[2024/03/04 17:12:24] ppcls INFO: [Train][Epoch 93/100][Iter: 0/2]lr(LinearWarmup): 0.07014852, top1: 0.90909, CELoss: 0.54851, loss: 0.54851, batch\_cost: 3.74021s, reader\_cost: 3.22176, ips: 41.17421 samples/s, eta: 0:00:59

[2024/03/04 17:12:38] ppcls INFO: [Train][Epoch 93/100][Avg]top1: 0.91883, CELoss: 0.54165, loss: 0.54165

[2024/03/04 17:12:38] ppcls INFO: [Eval][Epoch 93][Iter: 0/10]CELoss: 0.26076, loss: 0.26076, top1: 1.00000, batch\_cost: 0.41594s, reader\_cost: 0.30232, ips: 38.46741 images/sec

[2024/03/04 17:12:42] ppcls INFO: [Eval][Epoch 93][Avg]CELoss: 0.32540, loss: 0.32540, top1: 0.93056

[2024/03/04 17:12:42] ppcls INFO: [Eval][Epoch 93][best metric: 0.944444477558136]

[2024/03/04 17:12:46] ppcls INFO: [Train][Epoch 94/100][Iter: 0/2]lr(LinearWarmup): 0.06805184, top1: 0.90260, CELoss: 0.54015, loss: 0.54015, batch\_cost: 3.74392s, reader\_cost: 3.22538, ips: 41.13335 samples/s, eta: 0:00:52

[2024/03/04 17:13:00] ppcls INFO: [Train][Epoch 94/100][Avg]top1: 0.90909, CELoss: 0.53358, loss: 0.53358

[2024/03/04 17:13:00] ppcls INFO: [Eval][Epoch 94][Iter: 0/10]CELoss: 0.22210, loss: 0.22210, top1: 1.00000, batch\_cost: 0.42133s, reader\_cost: 0.30686, ips: 37.97533 images/sec

[2024/03/04 17:13:04] ppcls INFO: [Eval][Epoch 94][Avg]CELoss: 0.32358, loss: 0.32358, top1: 0.92361

[2024/03/04 17:13:04] ppcls INFO: [Eval][Epoch 94][best metric: 0.944444477558136]

[2024/03/04 17:13:08] ppcls INFO: [Train][Epoch 95/100][Iter: 0/2]lr(LinearWarmup): 0.06597068, top1: 0.92857, CELoss: 0.51175, loss: 0.51175, batch\_cost: 3.74225s, reader\_cost: 3.22377, ips: 41.15175 samples/s, eta: 0:00:44

[2024/03/04 17:13:21] ppcls INFO: [Train][Epoch 95/100][Avg]top1: 0.92857, CELoss: 0.52114, loss: 0.52114

[2024/03/04 17:13:22] ppcls INFO: [Eval][Epoch 95][Iter: 0/10]CELoss: 0.19932, loss: 0.19932, top1: 0.93750, batch\_cost: 0.40365s, reader\_cost: 0.29003, ips: 39.63834 images/sec

[2024/03/04 17:13:25] ppcls INFO: [Eval][Epoch 95][Avg]CELoss: 0.32004, loss: 0.32004, top1: 0.91667

[2024/03/04 17:13:25] ppcls INFO: [Eval][Epoch 95][best metric: 0.944444477558136]

[2024/03/04 17:13:30] ppcls INFO: [Train][Epoch 96/100][Iter: 0/2]lr(LinearWarmup): 0.06390607, top1: 0.88961, CELoss: 0.52521, loss: 0.52521, batch\_cost: 3.74243s, reader\_cost: 3.22455, ips: 41.14972 samples/s, eta: 0:00:37

[2024/03/04 17:13:43] ppcls INFO: [Train][Epoch 96/100][Avg]top1: 0.91234, CELoss: 0.52679, loss: 0.52679

[2024/03/04 17:13:44] ppcls INFO: [Eval][Epoch 96][Iter: 0/10]CELoss: 0.20482, loss: 0.20482, top1: 0.93750, batch\_cost: 0.41661s, reader\_cost: 0.30199, ips: 38.40553 images/sec

[2024/03/04 17:13:47] ppcls INFO: [Eval][Epoch 96][Avg]CELoss: 0.31130, loss: 0.31130, top1: 0.92361

[2024/03/04 17:13:47] ppcls INFO: [Eval][Epoch 96][best metric: 0.944444477558136]

[2024/03/04 17:13:51] ppcls INFO: [Train][Epoch 97/100][Iter: 0/2]lr(LinearWarmup): 0.06185899, top1: 0.90909, CELoss: 0.54093, loss: 0.54093, batch\_cost: 3.74301s, reader\_cost: 3.22568, ips: 41.14334 samples/s, eta: 0:00:29

[2024/03/04 17:14:05] ppcls INFO: [Train][Epoch 97/100][Avg]top1: 0.92532, CELoss: 0.50467, loss: 0.50467

[2024/03/04 17:14:05] ppcls INFO: [Eval][Epoch 97][Iter: 0/10]CELoss: 0.21971, loss: 0.21971, top1: 0.93750, batch\_cost: 0.40668s, reader\_cost: 0.29306, ips: 39.34342 images/sec

[2024/03/04 17:14:09] ppcls INFO: [Eval][Epoch 97][Avg]CELoss: 0.29951, loss: 0.29951, top1: 0.92361

[2024/03/04 17:14:09] ppcls INFO: [Eval][Epoch 97][best metric: 0.944444477558136]

[2024/03/04 17:14:14] ppcls INFO: [Train][Epoch 98/100][Iter: 0/2]lr(LinearWarmup): 0.05983046, top1: 0.85065, CELoss: 0.67895, loss: 0.67895, batch\_cost: 3.74726s, reader\_cost: 3.22991, ips: 41.09668 samples/s, eta: 0:00:22

[2024/03/04 17:14:27] ppcls INFO: [Train][Epoch 98/100][Avg]top1: 0.89935, CELoss: 0.57843, loss: 0.57843

[2024/03/04 17:14:28] ppcls INFO: [Eval][Epoch 98][Iter: 0/10]CELoss: 0.23911, loss: 0.23911, top1: 1.00000, batch\_cost: 0.41162s, reader\_cost: 0.29701, ips: 38.87043 images/sec

[2024/03/04 17:14:31] ppcls INFO: [Eval][Epoch 98][Avg]CELoss: 0.29273, loss: 0.29273, top1: 0.93750

[2024/03/04 17:14:31] ppcls INFO: [Eval][Epoch 98][best metric: 0.944444477558136]

[2024/03/04 17:14:36] ppcls INFO: [Train][Epoch 99/100][Iter: 0/2]lr(LinearWarmup): 0.05782144, top1: 0.90909, CELoss: 0.54248, loss: 0.54248, batch\_cost: 3.74739s, reader\_cost: 3.23032, ips: 41.09528 samples/s, eta: 0:00:14

[2024/03/04 17:14:49] ppcls INFO: [Train][Epoch 99/100][Avg]top1: 0.91883, CELoss: 0.52263, loss: 0.52263

[2024/03/04 17:14:49] ppcls INFO: [Eval][Epoch 99][Iter: 0/10]CELoss: 0.23598, loss: 0.23598, top1: 1.00000, batch\_cost: 0.39541s, reader\_cost: 0.28078, ips: 40.46469 images/sec

[2024/03/04 17:14:53] ppcls INFO: [Eval][Epoch 99][Avg]CELoss: 0.28697, loss: 0.28697, top1: 0.93750

[2024/03/04 17:14:53] ppcls INFO: [Eval][Epoch 99][best metric: 0.944444477558136]

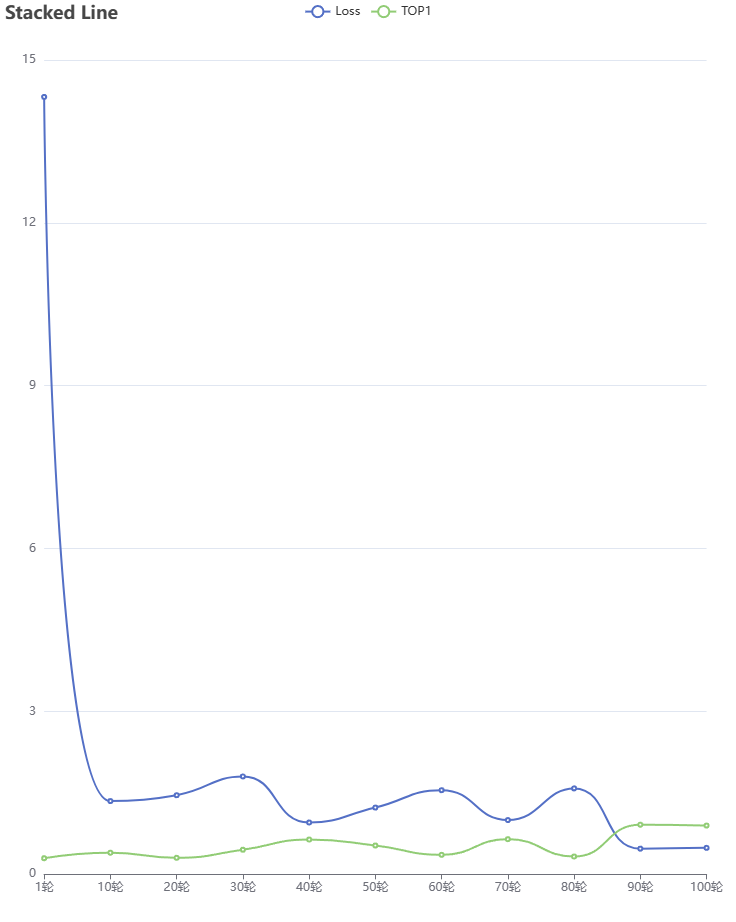
[2024/03/04 17:14:58] ppcls INFO: [Train][Epoch 100/100][Iter: 0/2]lr(LinearWarmup): 0.05583293, top1: 0.91558, CELoss: 0.52698, loss: 0.52698, batch\_cost: 3.74827s, reader\_cost: 3.23122, ips: 41.08563 samples/s, eta: 0:00:07

[2024/03/04 17:15:11] ppcls INFO: [Train][Epoch 100/100][Avg]top1: 0.92208, CELoss: 0.52396, loss: 0.52396

[2024/03/04 17:15:12] ppcls INFO: [Eval][Epoch 100][Iter: 0/10]CELoss: 0.21143, loss: 0.21143, top1: 1.00000, batch\_cost: 0.41053s, reader\_cost: 0.29591, ips: 38.97414 images/sec

[2024/03/04 17:15:15] ppcls INFO: [Eval][Epoch 100][Avg]CELoss: 0.27609, loss: 0.27609, top1: 0.93750

[2024/03/04 17:15:15] ppcls INFO: [Eval][Epoch 100][best metric: 0.944444477558136]



##### 1.5.2.7 ResNet50-64

[2024/03/04 17:36:33] ppcls INFO: [Train][Epoch 1/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.21875, CELoss: 1.71612, loss: 1.71612, batch\_cost: 4.11301s, reader\_cost: 1.38571, ips: 15.56040 samples/s, eta: 1:14:02

[2024/03/04 17:36:43] ppcls INFO: [Train][Epoch 1/120][Avg]top1: 0.30556, CELoss: 16.93938, loss: 16.93938

[2024/03/04 17:36:44] ppcls WARNING: The output dims(4) is less than k(5), and the argument 5 of Topk has been removed.

[2024/03/04 17:36:44] ppcls INFO: [Eval][Epoch 1][Iter: 0/3]CELoss: 1197914980352.00000, loss: 1197914980352.00000, top1: 0.59375, batch\_cost: 1.30934s, reader\_cost: 1.21266, ips: 48.87974 images/sec

[2024/03/04 17:36:47] ppcls INFO: [Eval][Epoch 1][Avg]CELoss: 1527307698176.00000, loss: 1527307698176.00000, top1: 0.29688

[2024/03/04 17:36:47] ppcls INFO: [Eval][Epoch 1][best metric: 0.296875]

[2024/03/04 17:36:47] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_1

[2024/03/04 17:36:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/04 17:36:49] ppcls INFO: [Train][Epoch 2/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.34375, CELoss: 1.80281, loss: 1.80281, batch\_cost: 1.39991s, reader\_cost: 1.20390, ips: 45.71708 samples/s, eta: 0:24:59

[2024/03/04 17:37:01] ppcls INFO: [Train][Epoch 2/120][Avg]top1: 0.23785, CELoss: 4.31139, loss: 4.31139

[2024/03/04 17:37:03] ppcls INFO: [Eval][Epoch 2][Iter: 0/3]CELoss: 16035478.00000, loss: 16035478.00000, top1: 0.59375, batch\_cost: 1.26318s, reader\_cost: 1.21534, ips: 50.66580 images/sec

[2024/03/04 17:37:05] ppcls INFO: [Eval][Epoch 2][Avg]CELoss: 32894799.00000, loss: 32894799.00000, top1: 0.29688

[2024/03/04 17:37:05] ppcls INFO: [Eval][Epoch 2][best metric: 0.296875]

[2024/03/04 17:37:08] ppcls INFO: [Train][Epoch 3/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.34375, CELoss: 6.75884, loss: 6.75884, batch\_cost: 1.53986s, reader\_cost: 1.36584, ips: 41.56218 samples/s, eta: 0:27:15

[2024/03/04 17:37:19] ppcls INFO: [Train][Epoch 3/120][Avg]top1: 0.38194, CELoss: 4.18367, loss: 4.18367

[2024/03/04 17:37:20] ppcls INFO: [Eval][Epoch 3][Iter: 0/3]CELoss: 135450.01562, loss: 135450.01562, top1: 0.46875, batch\_cost: 1.31807s, reader\_cost: 1.22438, ips: 48.55599 images/sec

[2024/03/04 17:37:23] ppcls INFO: [Eval][Epoch 3][Avg]CELoss: 128444.96875, loss: 128444.96875, top1: 0.24219

[2024/03/04 17:37:23] ppcls INFO: [Eval][Epoch 3][best metric: 0.296875]

[2024/03/04 17:37:25] ppcls INFO: [Train][Epoch 4/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.42188, CELoss: 2.00029, loss: 2.00029, batch\_cost: 1.46200s, reader\_cost: 1.27926, ips: 43.77574 samples/s, eta: 0:25:39

[2024/03/04 17:37:37] ppcls INFO: [Train][Epoch 4/120][Avg]top1: 0.37326, CELoss: 3.65350, loss: 3.65350

[2024/03/04 17:37:38] ppcls INFO: [Eval][Epoch 4][Iter: 0/3]CELoss: 563.38696, loss: 563.38696, top1: 0.56250, batch\_cost: 1.24706s, reader\_cost: 1.19922, ips: 51.32079 images/sec

[2024/03/04 17:37:41] ppcls INFO: [Eval][Epoch 4][Avg]CELoss: 398.73908, loss: 398.73908, top1: 0.28125

[2024/03/04 17:37:41] ppcls INFO: [Eval][Epoch 4][best metric: 0.296875]

[2024/03/04 17:37:43] ppcls INFO: [Train][Epoch 5/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.20312, CELoss: 1.41956, loss: 1.41956, batch\_cost: 1.49187s, reader\_cost: 1.26774, ips: 42.89931 samples/s, eta: 0:25:57

[2024/03/04 17:37:55] ppcls INFO: [Train][Epoch 5/120][Avg]top1: 0.32465, CELoss: 5.32164, loss: 5.32164

[2024/03/04 17:37:56] ppcls INFO: [Eval][Epoch 5][Iter: 0/3]CELoss: 17.50057, loss: 17.50057, top1: 0.40625, batch\_cost: 1.36324s, reader\_cost: 1.22669, ips: 46.94706 images/sec

[2024/03/04 17:37:59] ppcls INFO: [Eval][Epoch 5][Avg]CELoss: 36.07087, loss: 36.07087, top1: 0.44531

[2024/03/04 17:37:59] ppcls INFO: [Eval][Epoch 5][best metric: 0.4453125]

[2024/03/04 17:38:02] ppcls INFO: [Train][Epoch 6/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.35938, CELoss: 1.30019, loss: 1.30019, batch\_cost: 1.47997s, reader\_cost: 1.29300, ips: 43.24405 samples/s, eta: 0:25:31

[2024/03/04 17:38:13] ppcls INFO: [Train][Epoch 6/120][Avg]top1: 0.36979, CELoss: 4.26598, loss: 4.26598

[2024/03/04 17:38:15] ppcls INFO: [Eval][Epoch 6][Iter: 0/3]CELoss: 1.62091, loss: 1.62091, top1: 0.03125, batch\_cost: 1.35448s, reader\_cost: 1.22790, ips: 47.25075 images/sec

[2024/03/04 17:38:17] ppcls INFO: [Eval][Epoch 6][Avg]CELoss: 1.35722, loss: 1.35722, top1: 0.43750

[2024/03/04 17:38:17] ppcls INFO: [Eval][Epoch 6][best metric: 0.4453125]

[2024/03/04 17:38:20] ppcls INFO: [Train][Epoch 7/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.21875, CELoss: 3.04460, loss: 3.04460, batch\_cost: 1.55225s, reader\_cost: 1.36015, ips: 41.23053 samples/s, eta: 0:26:32

[2024/03/04 17:38:31] ppcls INFO: [Train][Epoch 7/120][Avg]top1: 0.28819, CELoss: 2.79392, loss: 2.79392

[2024/03/04 17:38:33] ppcls INFO: [Eval][Epoch 7][Iter: 0/3]CELoss: 1.39892, loss: 1.39892, top1: 0.43750, batch\_cost: 1.35974s, reader\_cost: 1.25310, ips: 47.06771 images/sec

[2024/03/04 17:38:35] ppcls INFO: [Eval][Epoch 7][Avg]CELoss: 1.34688, loss: 1.34688, top1: 0.23438

[2024/03/04 17:38:35] ppcls INFO: [Eval][Epoch 7][best metric: 0.4453125]

[2024/03/04 17:38:37] ppcls INFO: [Train][Epoch 8/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.15625, CELoss: 3.91342, loss: 3.91342, batch\_cost: 1.50447s, reader\_cost: 1.32082, ips: 42.53980 samples/s, eta: 0:25:30

[2024/03/04 17:38:49] ppcls INFO: [Train][Epoch 8/120][Avg]top1: 0.31944, CELoss: 2.07260, loss: 2.07260

[2024/03/04 17:38:50] ppcls INFO: [Eval][Epoch 8][Iter: 0/3]CELoss: 1.54721, loss: 1.54721, top1: 0.01562, batch\_cost: 1.30335s, reader\_cost: 1.21464, ips: 49.10432 images/sec

[2024/03/04 17:38:53] ppcls INFO: [Eval][Epoch 8][Avg]CELoss: 1.30909, loss: 1.30909, top1: 0.40625

[2024/03/04 17:38:53] ppcls INFO: [Eval][Epoch 8][best metric: 0.4453125]

[2024/03/04 17:38:53] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_8

[2024/03/04 17:38:54] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/04 17:38:55] ppcls INFO: [Train][Epoch 9/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.31250, CELoss: 1.75121, loss: 1.75121, batch\_cost: 1.52671s, reader\_cost: 1.32006, ips: 41.92023 samples/s, eta: 0:25:38

[2024/03/04 17:39:07] ppcls INFO: [Train][Epoch 9/120][Avg]top1: 0.30556, CELoss: 2.28781, loss: 2.28781

[2024/03/04 17:39:08] ppcls INFO: [Eval][Epoch 9][Iter: 0/3]CELoss: 1.50184, loss: 1.50184, top1: 0.01562, batch\_cost: 1.37316s, reader\_cost: 1.23063, ips: 46.60791 images/sec

[2024/03/04 17:39:11] ppcls INFO: [Eval][Epoch 9][Avg]CELoss: 1.36989, loss: 1.36989, top1: 0.44531

[2024/03/04 17:39:11] ppcls INFO: [Eval][Epoch 9][best metric: 0.4453125]

[2024/03/04 17:39:11] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_9

[2024/03/04 17:39:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/04 17:39:13] ppcls INFO: [Train][Epoch 10/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.23438, CELoss: 1.78946, loss: 1.78946, batch\_cost: 1.44973s, reader\_cost: 1.24416, ips: 44.14613 samples/s, eta: 0:24:08

[2024/03/04 17:39:25] ppcls INFO: [Train][Epoch 10/120][Avg]top1: 0.33507, CELoss: 3.44216, loss: 3.44216

[2024/03/04 17:39:26] ppcls INFO: [Eval][Epoch 10][Iter: 0/3]CELoss: 1.59061, loss: 1.59061, top1: 0.01562, batch\_cost: 1.34752s, reader\_cost: 1.21696, ips: 47.49455 images/sec

[2024/03/04 17:39:29] ppcls INFO: [Eval][Epoch 10][Avg]CELoss: 1.37430, loss: 1.37430, top1: 0.41406

[2024/03/04 17:39:29] ppcls INFO: [Eval][Epoch 10][best metric: 0.4453125]

[2024/03/04 17:39:31] ppcls INFO: [Train][Epoch 11/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.37500, CELoss: 1.32136, loss: 1.32136, batch\_cost: 1.47492s, reader\_cost: 1.28056, ips: 43.39215 samples/s, eta: 0:24:20

[2024/03/04 17:39:43] ppcls INFO: [Train][Epoch 11/120][Avg]top1: 0.38542, CELoss: 1.91993, loss: 1.91993

[2024/03/04 17:39:44] ppcls INFO: [Eval][Epoch 11][Iter: 0/3]CELoss: 1.85781, loss: 1.85781, top1: 0.40625, batch\_cost: 1.36524s, reader\_cost: 1.22172, ips: 46.87831 images/sec

[2024/03/04 17:39:47] ppcls INFO: [Eval][Epoch 11][Avg]CELoss: 1.65875, loss: 1.65875, top1: 0.21094

[2024/03/04 17:39:47] ppcls INFO: [Eval][Epoch 11][best metric: 0.4453125]

[2024/03/04 17:39:49] ppcls INFO: [Train][Epoch 12/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.50000, CELoss: 1.31016, loss: 1.31016, batch\_cost: 1.39569s, reader\_cost: 1.20952, ips: 45.85532 samples/s, eta: 0:22:49

[2024/03/04 17:40:01] ppcls INFO: [Train][Epoch 12/120][Avg]top1: 0.41667, CELoss: 1.50683, loss: 1.50683

[2024/03/04 17:40:02] ppcls INFO: [Eval][Epoch 12][Iter: 0/3]CELoss: 1.62937, loss: 1.62937, top1: 0.18750, batch\_cost: 1.37523s, reader\_cost: 1.23371, ips: 46.53756 images/sec

[2024/03/04 17:40:05] ppcls INFO: [Eval][Epoch 12][Avg]CELoss: 1.49749, loss: 1.49749, top1: 0.21875

[2024/03/04 17:40:05] ppcls INFO: [Eval][Epoch 12][best metric: 0.4453125]

[2024/03/04 17:40:07] ppcls INFO: [Train][Epoch 13/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.43750, CELoss: 2.51013, loss: 2.51013, batch\_cost: 1.42443s, reader\_cost: 1.21473, ips: 44.93016 samples/s, eta: 0:23:04

[2024/03/04 17:40:18] ppcls INFO: [Train][Epoch 13/120][Avg]top1: 0.44618, CELoss: 1.74748, loss: 1.74748

[2024/03/04 17:40:20] ppcls INFO: [Eval][Epoch 13][Iter: 0/3]CELoss: 1.70111, loss: 1.70111, top1: 0.03125, batch\_cost: 1.37927s, reader\_cost: 1.23674, ips: 46.40151 images/sec

[2024/03/04 17:40:22] ppcls INFO: [Eval][Epoch 13][Avg]CELoss: 1.47723, loss: 1.47723, top1: 0.27344

[2024/03/04 17:40:22] ppcls INFO: [Eval][Epoch 13][best metric: 0.4453125]

[2024/03/04 17:40:25] ppcls INFO: [Train][Epoch 14/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.40625, CELoss: 1.31785, loss: 1.31785, batch\_cost: 1.36728s, reader\_cost: 1.18963, ips: 46.80814 samples/s, eta: 0:21:56

[2024/03/04 17:40:37] ppcls INFO: [Train][Epoch 14/120][Avg]top1: 0.41146, CELoss: 2.08751, loss: 2.08751

[2024/03/05 09:03:45] ppcls INFO: [Eval][Epoch 14][Iter: 0/3]CELoss: 1.62251, loss: 1.62251, top1: 0.01562, batch\_cost: 1.45375s, reader\_cost: 1.20294, ips: 44.02404 images/sec

[2024/03/05 09:03:47] ppcls INFO: [Eval][Epoch 14][Avg]CELoss: 1.24953, loss: 1.24953, top1: 0.40625

[2024/03/05 09:04:01] ppcls INFO: [Eval][Epoch 14][best metric: 0.4453125]

[2024/03/05 09:04:04] ppcls INFO: [Train][Epoch 15/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.29688, CELoss: 1.35360, loss: 1.35360, batch\_cost: 1.52936s, reader\_cost: 1.30434, ips: 41.84747 samples/s, eta: 0:24:19

[2024/03/05 09:04:16] ppcls INFO: [Train][Epoch 15/120][Avg]top1: 0.33854, CELoss: 1.43638, loss: 1.43638

[2024/03/05 09:04:18] ppcls INFO: [Eval][Epoch 15][Iter: 0/3]CELoss: 1.83335, loss: 1.83335, top1: 0.01562, batch\_cost: 1.39935s, reader\_cost: 1.26778, ips: 45.73568 images/sec

[2024/03/05 09:04:20] ppcls INFO: [Eval][Epoch 15][Avg]CELoss: 1.30645, loss: 1.30645, top1: 0.40625

[2024/03/05 09:04:20] ppcls INFO: [Eval][Epoch 15][best metric: 0.4453125]

[2024/03/05 09:04:23] ppcls INFO: [Train][Epoch 16/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.39062, CELoss: 1.28322, loss: 1.28322, batch\_cost: 1.68741s, reader\_cost: 1.43756, ips: 37.92797 samples/s, eta: 0:26:34

[2024/03/05 09:04:36] ppcls INFO: [Train][Epoch 16/120][Avg]top1: 0.40451, CELoss: 1.38769, loss: 1.38769

[2024/03/05 09:04:37] ppcls INFO: [Eval][Epoch 16][Iter: 0/3]CELoss: 2.31927, loss: 2.31927, top1: 0.01562, batch\_cost: 1.32083s, reader\_cost: 1.23113, ips: 48.45432 images/sec

[2024/03/05 09:04:40] ppcls INFO: [Eval][Epoch 16][Avg]CELoss: 1.45297, loss: 1.45297, top1: 0.40625

[2024/03/05 09:04:40] ppcls INFO: [Eval][Epoch 16][best metric: 0.4453125]

[2024/03/05 09:04:42] ppcls INFO: [Train][Epoch 17/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.46875, CELoss: 1.24208, loss: 1.24208, batch\_cost: 1.54249s, reader\_cost: 1.33191, ips: 41.49146 samples/s, eta: 0:24:03

[2024/03/05 09:04:53] ppcls INFO: [Train][Epoch 17/120][Avg]top1: 0.52083, CELoss: 1.32478, loss: 1.32478

[2024/03/05 09:04:55] ppcls INFO: [Eval][Epoch 17][Iter: 0/3]CELoss: 1.23152, loss: 1.23152, top1: 0.32812, batch\_cost: 1.35652s, reader\_cost: 1.21301, ips: 47.17938 images/sec

[2024/03/05 09:04:57] ppcls INFO: [Eval][Epoch 17][Avg]CELoss: 0.88591, loss: 0.88591, top1: 0.61719

[2024/03/05 09:04:58] ppcls INFO: [Eval][Epoch 17][best metric: 0.6171875]

[2024/03/05 09:05:01] ppcls INFO: [Train][Epoch 18/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.62500, CELoss: 1.04381, loss: 1.04381, batch\_cost: 1.50595s, reader\_cost: 1.28634, ips: 42.49803 samples/s, eta: 0:23:16

[2024/03/05 09:05:12] ppcls INFO: [Train][Epoch 18/120][Avg]top1: 0.53646, CELoss: 1.22209, loss: 1.22209

[2024/03/05 09:05:13] ppcls INFO: [Eval][Epoch 18][Iter: 0/3]CELoss: 0.95883, loss: 0.95883, top1: 0.76562, batch\_cost: 1.26462s, reader\_cost: 1.21678, ips: 50.60791 images/sec

[2024/03/05 09:05:16] ppcls INFO: [Eval][Epoch 18][Avg]CELoss: 0.78222, loss: 0.78222, top1: 0.75000

[2024/03/05 09:05:16] ppcls INFO: [Eval][Epoch 18][best metric: 0.75]

[2024/03/05 09:05:18] ppcls INFO: [Train][Epoch 19/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.54688, CELoss: 1.01305, loss: 1.01305, batch\_cost: 1.46840s, reader\_cost: 1.28642, ips: 43.58478 samples/s, eta: 0:22:27

[2024/03/05 09:05:30] ppcls INFO: [Train][Epoch 19/120][Avg]top1: 0.56076, CELoss: 1.14807, loss: 1.14807

[2024/03/05 09:05:31] ppcls INFO: [Eval][Epoch 19][Iter: 0/3]CELoss: 1.29161, loss: 1.29161, top1: 0.50000, batch\_cost: 1.33505s, reader\_cost: 1.19103, ips: 47.93828 images/sec

[2024/03/05 09:05:33] ppcls INFO: [Eval][Epoch 19][Avg]CELoss: 0.82462, loss: 0.82462, top1: 0.70312

[2024/03/05 09:05:33] ppcls INFO: [Eval][Epoch 19][best metric: 0.75]

[2024/03/05 09:05:36] ppcls INFO: [Train][Epoch 20/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.57812, CELoss: 0.99671, loss: 0.99671, batch\_cost: 1.48869s, reader\_cost: 1.31986, ips: 42.99071 samples/s, eta: 0:22:33

[2024/03/05 09:05:47] ppcls INFO: [Train][Epoch 20/120][Avg]top1: 0.59896, CELoss: 0.98544, loss: 0.98544

[2024/03/05 09:05:49] ppcls INFO: [Eval][Epoch 20][Iter: 0/3]CELoss: 1.20811, loss: 1.20811, top1: 0.42188, batch\_cost: 1.26686s, reader\_cost: 1.17616, ips: 50.51877 images/sec

[2024/03/05 09:05:51] ppcls INFO: [Eval][Epoch 20][Avg]CELoss: 0.77225, loss: 0.77225, top1: 0.66406

[2024/03/05 09:05:51] ppcls INFO: [Eval][Epoch 20][best metric: 0.75]

[2024/03/05 09:05:54] ppcls INFO: [Train][Epoch 21/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.56250, CELoss: 0.98613, loss: 0.98613, batch\_cost: 1.50066s, reader\_cost: 1.27679, ips: 42.64801 samples/s, eta: 0:22:30

[2024/03/05 09:06:05] ppcls INFO: [Train][Epoch 21/120][Avg]top1: 0.57812, CELoss: 1.08351, loss: 1.08351

[2024/03/05 09:06:06] ppcls INFO: [Eval][Epoch 21][Iter: 0/3]CELoss: 1.06626, loss: 1.06626, top1: 0.51562, batch\_cost: 1.27575s, reader\_cost: 1.21292, ips: 50.16667 images/sec

[2024/03/05 09:06:09] ppcls INFO: [Eval][Epoch 21][Avg]CELoss: 0.74384, loss: 0.74384, top1: 0.69531

[2024/03/05 09:06:09] ppcls INFO: [Eval][Epoch 21][best metric: 0.75]

[2024/03/05 09:06:12] ppcls INFO: [Train][Epoch 22/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.60938, CELoss: 0.87727, loss: 0.87727, batch\_cost: 1.43934s, reader\_cost: 1.24749, ips: 44.46468 samples/s, eta: 0:21:22

[2024/03/05 09:06:23] ppcls INFO: [Train][Epoch 22/120][Avg]top1: 0.62674, CELoss: 1.00799, loss: 1.00799

[2024/03/05 09:06:24] ppcls INFO: [Eval][Epoch 22][Iter: 0/3]CELoss: 1.18256, loss: 1.18256, top1: 0.48438, batch\_cost: 1.33110s, reader\_cost: 1.19256, ips: 48.08060 images/sec

[2024/03/05 09:06:27] ppcls INFO: [Eval][Epoch 22][Avg]CELoss: 0.74209, loss: 0.74209, top1: 0.70312

[2024/03/05 09:06:27] ppcls INFO: [Eval][Epoch 22][best metric: 0.75]

[2024/03/05 09:06:30] ppcls INFO: [Train][Epoch 23/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.54688, CELoss: 1.06943, loss: 1.06943, batch\_cost: 1.53671s, reader\_cost: 1.32807, ips: 41.64732 samples/s, eta: 0:22:35

[2024/03/05 09:06:41] ppcls INFO: [Train][Epoch 23/120][Avg]top1: 0.64757, CELoss: 1.07383, loss: 1.07383

[2024/03/05 09:06:42] ppcls INFO: [Eval][Epoch 23][Iter: 0/3]CELoss: 0.94213, loss: 0.94213, top1: 0.57812, batch\_cost: 1.22685s, reader\_cost: 1.18000, ips: 52.16627 images/sec

[2024/03/05 09:06:45] ppcls INFO: [Eval][Epoch 23][Avg]CELoss: 0.73431, loss: 0.73431, top1: 0.68750

[2024/03/05 09:06:45] ppcls INFO: [Eval][Epoch 23][best metric: 0.75]

[2024/03/05 09:06:47] ppcls INFO: [Train][Epoch 24/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.54688, CELoss: 0.93754, loss: 0.93754, batch\_cost: 1.42402s, reader\_cost: 1.23031, ips: 44.94323 samples/s, eta: 0:20:43

[2024/03/05 09:06:59] ppcls INFO: [Train][Epoch 24/120][Avg]top1: 0.65278, CELoss: 1.03922, loss: 1.03922

[2024/03/05 09:07:00] ppcls INFO: [Eval][Epoch 24][Iter: 0/3]CELoss: 0.78209, loss: 0.78209, top1: 0.78125, batch\_cost: 1.34262s, reader\_cost: 1.21405, ips: 47.66789 images/sec

[2024/03/05 09:07:02] ppcls INFO: [Eval][Epoch 24][Avg]CELoss: 0.57109, loss: 0.57109, top1: 0.84375

[2024/03/05 09:07:03] ppcls INFO: [Eval][Epoch 24][best metric: 0.84375]

[2024/03/05 09:07:05] ppcls INFO: [Train][Epoch 25/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.60938, CELoss: 1.31353, loss: 1.31353, batch\_cost: 1.47721s, reader\_cost: 1.26044, ips: 43.32481 samples/s, eta: 0:21:16

[2024/03/05 09:07:17] ppcls INFO: [Train][Epoch 25/120][Avg]top1: 0.65451, CELoss: 0.91574, loss: 0.91574

[2024/03/05 09:07:18] ppcls INFO: [Eval][Epoch 25][Iter: 0/3]CELoss: 0.95594, loss: 0.95594, top1: 0.65625, batch\_cost: 1.41030s, reader\_cost: 1.26878, ips: 45.38035 images/sec

[2024/03/05 09:07:21] ppcls INFO: [Eval][Epoch 25][Avg]CELoss: 0.62258, loss: 0.62258, top1: 0.78906

[2024/03/05 09:07:21] ppcls INFO: [Eval][Epoch 25][best metric: 0.84375]

[2024/03/05 09:07:23] ppcls INFO: [Train][Epoch 26/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.65625, CELoss: 0.82968, loss: 0.82968, batch\_cost: 1.39688s, reader\_cost: 1.23221, ips: 45.81632 samples/s, eta: 0:19:54

[2024/03/05 09:07:35] ppcls INFO: [Train][Epoch 26/120][Avg]top1: 0.65972, CELoss: 0.83571, loss: 0.83571

[2024/03/05 09:07:36] ppcls INFO: [Eval][Epoch 26][Iter: 0/3]CELoss: 0.81796, loss: 0.81796, top1: 0.68750, batch\_cost: 1.41821s, reader\_cost: 1.28964, ips: 45.12716 images/sec

[2024/03/05 09:07:39] ppcls INFO: [Eval][Epoch 26][Avg]CELoss: 0.61627, loss: 0.61627, top1: 0.75781

[2024/03/05 09:07:39] ppcls INFO: [Eval][Epoch 26][best metric: 0.84375]

[2024/03/05 09:07:41] ppcls INFO: [Train][Epoch 27/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.73438, CELoss: 0.68118, loss: 0.68118, batch\_cost: 1.41370s, reader\_cost: 1.23798, ips: 45.27126 samples/s, eta: 0:19:55

[2024/03/05 09:07:53] ppcls INFO: [Train][Epoch 27/120][Avg]top1: 0.69444, CELoss: 0.91628, loss: 0.91628

[2024/03/05 09:07:54] ppcls INFO: [Eval][Epoch 27][Iter: 0/3]CELoss: 0.60414, loss: 0.60414, top1: 0.84375, batch\_cost: 1.32471s, reader\_cost: 1.22704, ips: 48.31230 images/sec

[2024/03/05 09:07:56] ppcls INFO: [Eval][Epoch 27][Avg]CELoss: 0.50804, loss: 0.50804, top1: 0.84375

[2024/03/05 09:07:56] ppcls INFO: [Eval][Epoch 27][best metric: 0.84375]

[2024/03/05 09:07:59] ppcls INFO: [Train][Epoch 28/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.71875, CELoss: 0.77942, loss: 0.77942, batch\_cost: 1.42703s, reader\_cost: 1.21414, ips: 44.84845 samples/s, eta: 0:19:54

[2024/03/05 09:08:10] ppcls INFO: [Train][Epoch 28/120][Avg]top1: 0.72743, CELoss: 0.76290, loss: 0.76290

[2024/03/05 09:08:12] ppcls INFO: [Eval][Epoch 28][Iter: 0/3]CELoss: 0.59569, loss: 0.59569, top1: 0.84375, batch\_cost: 1.32629s, reader\_cost: 1.23559, ips: 48.25506 images/sec

[2024/03/05 09:08:14] ppcls INFO: [Eval][Epoch 28][Avg]CELoss: 0.47497, loss: 0.47497, top1: 0.89062

[2024/03/05 09:08:15] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 09:08:15] ppcls INFO: [Eval][Epoch 28][best metric: 0.890625]

[2024/03/05 09:08:15] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_28

[2024/03/05 09:08:15] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:08:17] ppcls INFO: [Train][Epoch 29/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.73438, CELoss: 0.64319, loss: 0.64319, batch\_cost: 1.47349s, reader\_cost: 1.26678, ips: 43.43422 samples/s, eta: 0:20:20

[2024/03/05 09:08:29] ppcls INFO: [Train][Epoch 29/120][Avg]top1: 0.71354, CELoss: 0.76278, loss: 0.76278

[2024/03/05 09:08:30] ppcls INFO: [Eval][Epoch 29][Iter: 0/3]CELoss: 1.18051, loss: 1.18051, top1: 0.48438, batch\_cost: 1.37527s, reader\_cost: 1.22975, ips: 46.53647 images/sec

[2024/03/05 09:08:33] ppcls INFO: [Eval][Epoch 29][Avg]CELoss: 0.73119, loss: 0.73119, top1: 0.71094

[2024/03/05 09:08:33] ppcls INFO: [Eval][Epoch 29][best metric: 0.890625]

[2024/03/05 09:08:33] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_29

[2024/03/05 09:08:33] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:08:35] ppcls INFO: [Train][Epoch 30/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.59375, CELoss: 0.97477, loss: 0.97477, batch\_cost: 1.43282s, reader\_cost: 1.26668, ips: 44.66709 samples/s, eta: 0:19:33

[2024/03/05 09:08:47] ppcls INFO: [Train][Epoch 30/120][Avg]top1: 0.70486, CELoss: 0.99602, loss: 0.99602

[2024/03/05 09:08:48] ppcls INFO: [Eval][Epoch 30][Iter: 0/3]CELoss: 0.67692, loss: 0.67692, top1: 0.71875, batch\_cost: 1.31661s, reader\_cost: 1.18406, ips: 48.60952 images/sec

[2024/03/05 09:08:50] ppcls INFO: [Eval][Epoch 30][Avg]CELoss: 0.59608, loss: 0.59608, top1: 0.75781

[2024/03/05 09:08:50] ppcls INFO: [Eval][Epoch 30][best metric: 0.890625]

[2024/03/05 09:08:51] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_30

[2024/03/05 09:08:51] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:08:53] ppcls INFO: [Train][Epoch 31/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.79688, CELoss: 0.53421, loss: 0.53421, batch\_cost: 1.51436s, reader\_cost: 1.32579, ips: 42.26207 samples/s, eta: 0:20:26

[2024/03/05 09:09:04] ppcls INFO: [Train][Epoch 31/120][Avg]top1: 0.70139, CELoss: 0.90259, loss: 0.90259

[2024/03/05 09:09:06] ppcls INFO: [Eval][Epoch 31][Iter: 0/3]CELoss: 1.70234, loss: 1.70234, top1: 0.59375, batch\_cost: 1.38880s, reader\_cost: 1.24827, ips: 46.08280 images/sec

[2024/03/05 09:09:08] ppcls INFO: [Eval][Epoch 31][Avg]CELoss: 1.22248, loss: 1.22248, top1: 0.67188

[2024/03/05 09:09:08] ppcls INFO: [Eval][Epoch 31][best metric: 0.890625]

[2024/03/05 09:09:09] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_31

[2024/03/05 09:09:09] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:09:11] ppcls INFO: [Train][Epoch 32/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.64062, CELoss: 0.88713, loss: 0.88713, batch\_cost: 1.51406s, reader\_cost: 1.32144, ips: 42.27055 samples/s, eta: 0:20:12

[2024/03/05 09:09:22] ppcls INFO: [Train][Epoch 32/120][Avg]top1: 0.72569, CELoss: 0.91163, loss: 0.91163

[2024/03/05 09:09:24] ppcls INFO: [Eval][Epoch 32][Iter: 0/3]CELoss: 0.92842, loss: 0.92842, top1: 0.68750, batch\_cost: 1.26230s, reader\_cost: 1.21546, ips: 50.70105 images/sec

[2024/03/05 09:09:26] ppcls INFO: [Eval][Epoch 32][Avg]CELoss: 0.58577, loss: 0.58577, top1: 0.81250

[2024/03/05 09:09:26] ppcls INFO: [Eval][Epoch 32][best metric: 0.890625]

[2024/03/05 09:09:27] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_32

[2024/03/05 09:09:27] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:09:29] ppcls INFO: [Train][Epoch 33/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.64062, CELoss: 0.83250, loss: 0.83250, batch\_cost: 1.45288s, reader\_cost: 1.23612, ips: 44.05053 samples/s, eta: 0:19:10

[2024/03/05 09:09:40] ppcls INFO: [Train][Epoch 33/120][Avg]top1: 0.72743, CELoss: 0.90339, loss: 0.90339

[2024/03/05 09:09:41] ppcls INFO: [Eval][Epoch 33][Iter: 0/3]CELoss: 1.89590, loss: 1.89590, top1: 0.56250, batch\_cost: 1.25001s, reader\_cost: 1.20018, ips: 51.19962 images/sec

[2024/03/05 09:09:44] ppcls INFO: [Eval][Epoch 33][Avg]CELoss: 1.16062, loss: 1.16062, top1: 0.71094

[2024/03/05 09:09:44] ppcls INFO: [Eval][Epoch 33][best metric: 0.890625]

[2024/03/05 09:09:44] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_33

[2024/03/05 09:09:45] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:09:46] ppcls INFO: [Train][Epoch 34/120][Iter: 0/9]lr(PiecewiseDecay): 0.10000000, top1: 0.68750, CELoss: 0.72220, loss: 0.72220, batch\_cost: 1.53448s, reader\_cost: 1.33534, ips: 41.70805 samples/s, eta: 0:20:01

[2024/03/05 09:09:58] ppcls INFO: [Train][Epoch 34/120][Avg]top1: 0.75000, CELoss: 0.67890, loss: 0.67890

[2024/03/05 09:09:59] ppcls INFO: [Eval][Epoch 34][Iter: 0/3]CELoss: 0.86079, loss: 0.86079, top1: 0.64062, batch\_cost: 1.29945s, reader\_cost: 1.20676, ips: 49.25144 images/sec

[2024/03/05 09:10:02] ppcls INFO: [Eval][Epoch 34][Avg]CELoss: 0.56192, loss: 0.56192, top1: 0.79688

[2024/03/05 09:10:02] ppcls INFO: [Eval][Epoch 34][best metric: 0.890625]

[2024/03/05 09:10:02] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_34

[2024/03/05 09:10:02] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:10:04] ppcls INFO: [Train][Epoch 35/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.78125, CELoss: 0.58313, loss: 0.58313, batch\_cost: 1.47279s, reader\_cost: 1.30698, ips: 43.45483 samples/s, eta: 0:18:59

[2024/03/05 09:10:16] ppcls INFO: [Train][Epoch 35/120][Avg]top1: 0.79340, CELoss: 0.57384, loss: 0.57384

[2024/03/05 09:10:17] ppcls INFO: [Eval][Epoch 35][Iter: 0/3]CELoss: 0.55423, loss: 0.55423, top1: 0.82812, batch\_cost: 1.37878s, reader\_cost: 1.22927, ips: 46.41787 images/sec

[2024/03/05 09:10:20] ppcls INFO: [Eval][Epoch 35][Avg]CELoss: 0.41857, loss: 0.41857, top1: 0.88281

[2024/03/05 09:10:20] ppcls INFO: [Eval][Epoch 35][best metric: 0.890625]

[2024/03/05 09:10:20] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_35

[2024/03/05 09:10:20] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:10:22] ppcls INFO: [Train][Epoch 36/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.79688, CELoss: 0.65179, loss: 0.65179, batch\_cost: 1.44377s, reader\_cost: 1.24105, ips: 44.32826 samples/s, eta: 0:18:24

[2024/03/05 09:10:33] ppcls INFO: [Train][Epoch 36/120][Avg]top1: 0.80729, CELoss: 0.62644, loss: 0.62644

[2024/03/05 09:10:35] ppcls INFO: [Eval][Epoch 36][Iter: 0/3]CELoss: 0.50570, loss: 0.50570, top1: 0.84375, batch\_cost: 1.27579s, reader\_cost: 1.22894, ips: 50.16516 images/sec

[2024/03/05 09:10:37] ppcls INFO: [Eval][Epoch 36][Avg]CELoss: 0.40211, loss: 0.40211, top1: 0.86719

[2024/03/05 09:10:37] ppcls INFO: [Eval][Epoch 36][best metric: 0.890625]

[2024/03/05 09:10:38] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_36

[2024/03/05 09:10:38] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:10:40] ppcls INFO: [Train][Epoch 37/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.78125, CELoss: 0.58727, loss: 0.58727, batch\_cost: 1.43963s, reader\_cost: 1.21615, ips: 44.45582 samples/s, eta: 0:18:08

[2024/03/05 09:10:51] ppcls INFO: [Train][Epoch 37/120][Avg]top1: 0.80035, CELoss: 0.62520, loss: 0.62520

[2024/03/05 09:10:53] ppcls INFO: [Eval][Epoch 37][Iter: 0/3]CELoss: 0.52406, loss: 0.52406, top1: 0.84375, batch\_cost: 1.30452s, reader\_cost: 1.20784, ips: 49.06024 images/sec

[2024/03/05 09:10:55] ppcls INFO: [Eval][Epoch 37][Avg]CELoss: 0.40438, loss: 0.40438, top1: 0.86719

[2024/03/05 09:10:55] ppcls INFO: [Eval][Epoch 37][best metric: 0.890625]

[2024/03/05 09:10:56] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_37

[2024/03/05 09:10:56] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:10:57] ppcls INFO: [Train][Epoch 38/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.78125, CELoss: 0.53158, loss: 0.53158, batch\_cost: 1.42321s, reader\_cost: 1.23330, ips: 44.96869 samples/s, eta: 0:17:43

[2024/03/05 09:11:09] ppcls INFO: [Train][Epoch 38/120][Avg]top1: 0.78299, CELoss: 0.59656, loss: 0.59656

[2024/03/05 09:11:10] ppcls INFO: [Eval][Epoch 38][Iter: 0/3]CELoss: 0.51116, loss: 0.51116, top1: 0.84375, batch\_cost: 1.35394s, reader\_cost: 1.20847, ips: 47.26944 images/sec

[2024/03/05 09:11:13] ppcls INFO: [Eval][Epoch 38][Avg]CELoss: 0.39215, loss: 0.39215, top1: 0.87500

[2024/03/05 09:11:13] ppcls INFO: [Eval][Epoch 38][best metric: 0.890625]

[2024/03/05 09:11:13] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_38

[2024/03/05 09:11:14] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:11:15] ppcls INFO: [Train][Epoch 39/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.85938, CELoss: 0.41455, loss: 0.41455, batch\_cost: 1.51837s, reader\_cost: 1.35093, ips: 42.15038 samples/s, eta: 0:18:40

[2024/03/05 09:11:27] ppcls INFO: [Train][Epoch 39/120][Avg]top1: 0.81597, CELoss: 0.54956, loss: 0.54956

[2024/03/05 09:11:28] ppcls INFO: [Eval][Epoch 39][Iter: 0/3]CELoss: 0.46940, loss: 0.46940, top1: 0.85938, batch\_cost: 1.36196s, reader\_cost: 1.22044, ips: 46.99094 images/sec

[2024/03/05 09:11:31] ppcls INFO: [Eval][Epoch 39][Avg]CELoss: 0.36532, loss: 0.36532, top1: 0.89062

[2024/03/05 09:11:31] ppcls INFO: [Eval][Epoch 39][best metric: 0.890625]

[2024/03/05 09:11:31] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_39

[2024/03/05 09:11:31] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:11:33] ppcls INFO: [Train][Epoch 40/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.78125, CELoss: 0.69728, loss: 0.69728, batch\_cost: 1.39541s, reader\_cost: 1.20305, ips: 45.86480 samples/s, eta: 0:16:57

[2024/03/05 09:11:44] ppcls INFO: [Train][Epoch 40/120][Avg]top1: 0.79688, CELoss: 0.60440, loss: 0.60440

[2024/03/05 09:11:46] ppcls INFO: [Eval][Epoch 40][Iter: 0/3]CELoss: 0.48493, loss: 0.48493, top1: 0.85938, batch\_cost: 1.32455s, reader\_cost: 1.20196, ips: 48.31841 images/sec

[2024/03/05 09:11:48] ppcls INFO: [Eval][Epoch 40][Avg]CELoss: 0.36684, loss: 0.36684, top1: 0.89062

[2024/03/05 09:11:48] ppcls INFO: [Eval][Epoch 40][best metric: 0.890625]

[2024/03/05 09:11:49] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_40

[2024/03/05 09:11:49] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:11:51] ppcls INFO: [Train][Epoch 41/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.90625, CELoss: 0.38331, loss: 0.38331, batch\_cost: 1.43871s, reader\_cost: 1.24297, ips: 44.48415 samples/s, eta: 0:17:15

[2024/03/05 09:12:02] ppcls INFO: [Train][Epoch 41/120][Avg]top1: 0.80208, CELoss: 0.60090, loss: 0.60090

[2024/03/05 09:12:04] ppcls INFO: [Eval][Epoch 41][Iter: 0/3]CELoss: 0.48170, loss: 0.48170, top1: 0.85938, batch\_cost: 1.36257s, reader\_cost: 1.24098, ips: 46.96996 images/sec

[2024/03/05 09:12:06] ppcls INFO: [Eval][Epoch 41][Avg]CELoss: 0.36609, loss: 0.36609, top1: 0.88281

[2024/03/05 09:12:06] ppcls INFO: [Eval][Epoch 41][best metric: 0.890625]

[2024/03/05 09:12:07] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_41

[2024/03/05 09:12:07] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:12:09] ppcls INFO: [Train][Epoch 42/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.73438, CELoss: 0.64737, loss: 0.64737, batch\_cost: 1.47724s, reader\_cost: 1.26236, ips: 43.32404 samples/s, eta: 0:17:30

[2024/03/05 09:12:20] ppcls INFO: [Train][Epoch 42/120][Avg]top1: 0.81076, CELoss: 0.61464, loss: 0.61464

[2024/03/05 09:12:21] ppcls INFO: [Eval][Epoch 42][Iter: 0/3]CELoss: 0.49521, loss: 0.49521, top1: 0.85938, batch\_cost: 1.27640s, reader\_cost: 1.22856, ips: 50.14106 images/sec

[2024/03/05 09:12:24] ppcls INFO: [Eval][Epoch 42][Avg]CELoss: 0.37922, loss: 0.37922, top1: 0.88281

[2024/03/05 09:12:24] ppcls INFO: [Eval][Epoch 42][best metric: 0.890625]

[2024/03/05 09:12:24] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_42

[2024/03/05 09:12:25] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:12:27] ppcls INFO: [Train][Epoch 43/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.79688, CELoss: 0.75375, loss: 0.75375, batch\_cost: 1.62127s, reader\_cost: 1.40272, ips: 39.47524 samples/s, eta: 0:18:58

[2024/03/05 09:12:38] ppcls INFO: [Train][Epoch 43/120][Avg]top1: 0.80556, CELoss: 0.57780, loss: 0.57780

[2024/03/05 09:12:39] ppcls INFO: [Eval][Epoch 43][Iter: 0/3]CELoss: 0.44643, loss: 0.44643, top1: 0.85938, batch\_cost: 1.39157s, reader\_cost: 1.24307, ips: 45.99120 images/sec

[2024/03/05 09:12:42] ppcls INFO: [Eval][Epoch 43][Avg]CELoss: 0.35373, loss: 0.35373, top1: 0.88281

[2024/03/05 09:12:42] ppcls INFO: [Eval][Epoch 43][best metric: 0.890625]

[2024/03/05 09:12:42] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_43

[2024/03/05 09:12:43] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:12:44] ppcls INFO: [Train][Epoch 44/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.93750, CELoss: 0.30615, loss: 0.30615, batch\_cost: 1.39731s, reader\_cost: 1.22239, ips: 45.80240 samples/s, eta: 0:16:08

[2024/03/05 09:12:56] ppcls INFO: [Train][Epoch 44/120][Avg]top1: 0.81076, CELoss: 0.52311, loss: 0.52311

[2024/03/05 09:12:57] ppcls INFO: [Eval][Epoch 44][Iter: 0/3]CELoss: 0.39879, loss: 0.39879, top1: 0.87500, batch\_cost: 1.37242s, reader\_cost: 1.22890, ips: 46.63307 images/sec

[2024/03/05 09:13:00] ppcls INFO: [Eval][Epoch 44][Avg]CELoss: 0.32903, loss: 0.32903, top1: 0.89062

[2024/03/05 09:13:00] ppcls INFO: [Eval][Epoch 44][best metric: 0.890625]

[2024/03/05 09:13:00] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_44

[2024/03/05 09:13:00] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:13:02] ppcls INFO: [Train][Epoch 45/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.50707, loss: 0.50707, batch\_cost: 1.46427s, reader\_cost: 1.28187, ips: 43.70792 samples/s, eta: 0:16:41

[2024/03/05 09:13:14] ppcls INFO: [Train][Epoch 45/120][Avg]top1: 0.83507, CELoss: 0.47015, loss: 0.47015

[2024/03/05 09:13:15] ppcls INFO: [Eval][Epoch 45][Iter: 0/3]CELoss: 0.38287, loss: 0.38287, top1: 0.89062, batch\_cost: 1.28763s, reader\_cost: 1.23101, ips: 49.70366 images/sec

[2024/03/05 09:13:18] ppcls INFO: [Eval][Epoch 45][Avg]CELoss: 0.32068, loss: 0.32068, top1: 0.89844

[2024/03/05 09:13:18] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 09:13:18] ppcls INFO: [Eval][Epoch 45][best metric: 0.8984375]

[2024/03/05 09:13:18] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_45

[2024/03/05 09:13:18] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:13:20] ppcls INFO: [Train][Epoch 46/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.67673, loss: 0.67673, batch\_cost: 1.43638s, reader\_cost: 1.25767, ips: 44.55648 samples/s, eta: 0:16:09

[2024/03/05 09:13:32] ppcls INFO: [Train][Epoch 46/120][Avg]top1: 0.81597, CELoss: 0.52374, loss: 0.52374

[2024/03/05 09:13:33] ppcls INFO: [Eval][Epoch 46][Iter: 0/3]CELoss: 0.39277, loss: 0.39277, top1: 0.87500, batch\_cost: 1.33265s, reader\_cost: 1.23298, ips: 48.02472 images/sec

[2024/03/05 09:13:36] ppcls INFO: [Eval][Epoch 46][Avg]CELoss: 0.31297, loss: 0.31297, top1: 0.89844

[2024/03/05 09:13:36] ppcls INFO: [Eval][Epoch 46][best metric: 0.8984375]

[2024/03/05 09:13:36] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_46

[2024/03/05 09:13:36] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:13:38] ppcls INFO: [Train][Epoch 47/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.85938, CELoss: 0.45870, loss: 0.45870, batch\_cost: 1.44573s, reader\_cost: 1.24614, ips: 44.26843 samples/s, eta: 0:16:02

[2024/03/05 09:13:49] ppcls INFO: [Train][Epoch 47/120][Avg]top1: 0.82292, CELoss: 0.49922, loss: 0.49922

[2024/03/05 09:13:51] ppcls INFO: [Eval][Epoch 47][Iter: 0/3]CELoss: 0.37766, loss: 0.37766, top1: 0.90625, batch\_cost: 1.34700s, reader\_cost: 1.23338, ips: 47.51302 images/sec

[2024/03/05 09:13:53] ppcls INFO: [Eval][Epoch 47][Avg]CELoss: 0.31146, loss: 0.31146, top1: 0.90625

[2024/03/05 09:13:54] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 09:13:54] ppcls INFO: [Eval][Epoch 47][best metric: 0.90625]

[2024/03/05 09:13:54] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_47

[2024/03/05 09:13:54] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:13:56] ppcls INFO: [Train][Epoch 48/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.78125, CELoss: 0.66949, loss: 0.66949, batch\_cost: 1.43130s, reader\_cost: 1.23196, ips: 44.71473 samples/s, eta: 0:15:40

[2024/03/05 09:14:08] ppcls INFO: [Train][Epoch 48/120][Avg]top1: 0.80903, CELoss: 0.56251, loss: 0.56251

[2024/03/05 09:14:09] ppcls INFO: [Eval][Epoch 48][Iter: 0/3]CELoss: 0.37380, loss: 0.37380, top1: 0.90625, batch\_cost: 1.30222s, reader\_cost: 1.16966, ips: 49.14696 images/sec

[2024/03/05 09:14:11] ppcls INFO: [Eval][Epoch 48][Avg]CELoss: 0.30494, loss: 0.30494, top1: 0.90625

[2024/03/05 09:14:11] ppcls INFO: [Eval][Epoch 48][best metric: 0.90625]

[2024/03/05 09:14:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_48

[2024/03/05 09:14:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:14:14] ppcls INFO: [Train][Epoch 49/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.76562, CELoss: 0.64332, loss: 0.64332, batch\_cost: 1.45261s, reader\_cost: 1.27561, ips: 44.05877 samples/s, eta: 0:15:41

[2024/03/05 09:14:25] ppcls INFO: [Train][Epoch 49/120][Avg]top1: 0.81944, CELoss: 0.54024, loss: 0.54024

[2024/03/05 09:14:27] ppcls INFO: [Eval][Epoch 49][Iter: 0/3]CELoss: 0.35638, loss: 0.35638, top1: 0.89062, batch\_cost: 1.21793s, reader\_cost: 1.17009, ips: 52.54803 images/sec

[2024/03/05 09:14:29] ppcls INFO: [Eval][Epoch 49][Avg]CELoss: 0.29799, loss: 0.29799, top1: 0.89844

[2024/03/05 09:14:29] ppcls INFO: [Eval][Epoch 49][best metric: 0.90625]

[2024/03/05 09:14:29] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_49

[2024/03/05 09:14:30] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:14:32] ppcls INFO: [Train][Epoch 50/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.82812, CELoss: 0.59005, loss: 0.59005, batch\_cost: 1.46336s, reader\_cost: 1.24226, ips: 43.73493 samples/s, eta: 0:15:35

[2024/03/05 09:14:43] ppcls INFO: [Train][Epoch 50/120][Avg]top1: 0.79167, CELoss: 0.60084, loss: 0.60084

[2024/03/05 09:14:44] ppcls INFO: [Eval][Epoch 50][Iter: 0/3]CELoss: 0.38992, loss: 0.38992, top1: 0.87500, batch\_cost: 1.28787s, reader\_cost: 1.19718, ips: 49.69435 images/sec

[2024/03/05 09:14:47] ppcls INFO: [Eval][Epoch 50][Avg]CELoss: 0.30718, loss: 0.30718, top1: 0.89844

[2024/03/05 09:14:47] ppcls INFO: [Eval][Epoch 50][best metric: 0.90625]

[2024/03/05 09:14:47] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_50

[2024/03/05 09:14:47] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:14:49] ppcls INFO: [Train][Epoch 51/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.82812, CELoss: 0.62719, loss: 0.62719, batch\_cost: 1.38875s, reader\_cost: 1.21127, ips: 46.08469 samples/s, eta: 0:14:34

[2024/03/05 09:15:01] ppcls INFO: [Train][Epoch 51/120][Avg]top1: 0.81771, CELoss: 0.51087, loss: 0.51087

[2024/03/05 09:15:02] ppcls INFO: [Eval][Epoch 51][Iter: 0/3]CELoss: 0.32968, loss: 0.32968, top1: 0.90625, batch\_cost: 1.26169s, reader\_cost: 1.20787, ips: 50.72566 images/sec

[2024/03/05 09:15:05] ppcls INFO: [Eval][Epoch 51][Avg]CELoss: 0.29193, loss: 0.29193, top1: 0.90625

[2024/03/05 09:15:05] ppcls INFO: [Eval][Epoch 51][best metric: 0.90625]

[2024/03/05 09:15:05] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_51

[2024/03/05 09:15:05] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:15:07] ppcls INFO: [Train][Epoch 52/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.82812, CELoss: 0.41599, loss: 0.41599, batch\_cost: 1.48532s, reader\_cost: 1.29693, ips: 43.08842 samples/s, eta: 0:15:22

[2024/03/05 09:15:19] ppcls INFO: [Train][Epoch 52/120][Avg]top1: 0.82812, CELoss: 0.46596, loss: 0.46596

[2024/03/05 09:15:20] ppcls INFO: [Eval][Epoch 52][Iter: 0/3]CELoss: 0.33421, loss: 0.33421, top1: 0.90625, batch\_cost: 1.30885s, reader\_cost: 1.17330, ips: 48.89805 images/sec

[2024/03/05 09:15:22] ppcls INFO: [Eval][Epoch 52][Avg]CELoss: 0.29093, loss: 0.29093, top1: 0.90625

[2024/03/05 09:15:22] ppcls INFO: [Eval][Epoch 52][best metric: 0.90625]

[2024/03/05 09:15:23] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_52

[2024/03/05 09:15:23] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:15:25] ppcls INFO: [Train][Epoch 53/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.58701, loss: 0.58701, batch\_cost: 1.44473s, reader\_cost: 1.26628, ips: 44.29893 samples/s, eta: 0:14:44

[2024/03/05 09:15:36] ppcls INFO: [Train][Epoch 53/120][Avg]top1: 0.81250, CELoss: 0.52259, loss: 0.52259

[2024/03/05 09:15:38] ppcls INFO: [Eval][Epoch 53][Iter: 0/3]CELoss: 0.35753, loss: 0.35753, top1: 0.90625, batch\_cost: 1.34789s, reader\_cost: 1.22331, ips: 47.48170 images/sec

[2024/03/05 09:15:40] ppcls INFO: [Eval][Epoch 53][Avg]CELoss: 0.29512, loss: 0.29512, top1: 0.90625

[2024/03/05 09:15:40] ppcls INFO: [Eval][Epoch 53][best metric: 0.90625]

[2024/03/05 09:15:40] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_53

[2024/03/05 09:15:41] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:15:43] ppcls INFO: [Train][Epoch 54/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.87500, CELoss: 0.43214, loss: 0.43214, batch\_cost: 1.43424s, reader\_cost: 1.23407, ips: 44.62300 samples/s, eta: 0:14:24

[2024/03/05 09:15:54] ppcls INFO: [Train][Epoch 54/120][Avg]top1: 0.84722, CELoss: 0.45448, loss: 0.45448

[2024/03/05 09:15:55] ppcls INFO: [Eval][Epoch 54][Iter: 0/3]CELoss: 0.33201, loss: 0.33201, top1: 0.89062, batch\_cost: 1.30764s, reader\_cost: 1.21695, ips: 48.94296 images/sec

[2024/03/05 09:15:58] ppcls INFO: [Eval][Epoch 54][Avg]CELoss: 0.27400, loss: 0.27400, top1: 0.90625

[2024/03/05 09:15:58] ppcls INFO: [Eval][Epoch 54][best metric: 0.90625]

[2024/03/05 09:15:58] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_54

[2024/03/05 09:15:59] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:16:01] ppcls INFO: [Train][Epoch 55/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.79688, CELoss: 0.56855, loss: 0.56855, batch\_cost: 1.56820s, reader\_cost: 1.35344, ips: 40.81101 samples/s, eta: 0:15:31

[2024/03/05 09:16:12] ppcls INFO: [Train][Epoch 55/120][Avg]top1: 0.80035, CELoss: 0.56406, loss: 0.56406

[2024/03/05 09:16:13] ppcls INFO: [Eval][Epoch 55][Iter: 0/3]CELoss: 0.36700, loss: 0.36700, top1: 0.87500, batch\_cost: 1.35021s, reader\_cost: 1.21465, ips: 47.40014 images/sec

[2024/03/05 09:16:16] ppcls INFO: [Eval][Epoch 55][Avg]CELoss: 0.28581, loss: 0.28581, top1: 0.89844

[2024/03/05 09:16:16] ppcls INFO: [Eval][Epoch 55][best metric: 0.90625]

[2024/03/05 09:16:16] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_55

[2024/03/05 09:16:16] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:16:18] ppcls INFO: [Train][Epoch 56/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.85938, CELoss: 0.52661, loss: 0.52661, batch\_cost: 1.43044s, reader\_cost: 1.22512, ips: 44.74163 samples/s, eta: 0:13:56

[2024/03/05 09:16:30] ppcls INFO: [Train][Epoch 56/120][Avg]top1: 0.81424, CELoss: 0.51408, loss: 0.51408

[2024/03/05 09:16:31] ppcls INFO: [Eval][Epoch 56][Iter: 0/3]CELoss: 0.33567, loss: 0.33567, top1: 0.90625, batch\_cost: 1.29641s, reader\_cost: 1.20172, ips: 49.36724 images/sec

[2024/03/05 09:16:33] ppcls INFO: [Eval][Epoch 56][Avg]CELoss: 0.28172, loss: 0.28172, top1: 0.90625

[2024/03/05 09:16:33] ppcls INFO: [Eval][Epoch 56][best metric: 0.90625]

[2024/03/05 09:16:34] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_56

[2024/03/05 09:16:34] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:16:36] ppcls INFO: [Train][Epoch 57/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.48370, loss: 0.48370, batch\_cost: 1.41293s, reader\_cost: 1.23603, ips: 45.29579 samples/s, eta: 0:13:33

[2024/03/05 09:16:47] ppcls INFO: [Train][Epoch 57/120][Avg]top1: 0.83507, CELoss: 0.53043, loss: 0.53043

[2024/03/05 09:16:49] ppcls INFO: [Eval][Epoch 57][Iter: 0/3]CELoss: 0.31248, loss: 0.31248, top1: 0.90625, batch\_cost: 1.35398s, reader\_cost: 1.21793, ips: 47.26819 images/sec

[2024/03/05 09:16:51] ppcls INFO: [Eval][Epoch 57][Avg]CELoss: 0.26187, loss: 0.26187, top1: 0.90625

[2024/03/05 09:16:51] ppcls INFO: [Eval][Epoch 57][best metric: 0.90625]

[2024/03/05 09:16:52] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_57

[2024/03/05 09:16:52] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:16:54] ppcls INFO: [Train][Epoch 58/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.89062, CELoss: 0.33618, loss: 0.33618, batch\_cost: 1.45749s, reader\_cost: 1.26713, ips: 43.91116 samples/s, eta: 0:13:46

[2024/03/05 09:17:05] ppcls INFO: [Train][Epoch 58/120][Avg]top1: 0.81424, CELoss: 0.53872, loss: 0.53872

[2024/03/05 09:17:06] ppcls INFO: [Eval][Epoch 58][Iter: 0/3]CELoss: 0.31227, loss: 0.31227, top1: 0.92188, batch\_cost: 1.27651s, reader\_cost: 1.22767, ips: 50.13668 images/sec

[2024/03/05 09:17:09] ppcls INFO: [Eval][Epoch 58][Avg]CELoss: 0.26923, loss: 0.26923, top1: 0.91406

[2024/03/05 09:17:09] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 09:17:09] ppcls INFO: [Eval][Epoch 58][best metric: 0.9140625]

[2024/03/05 09:17:10] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_58

[2024/03/05 09:17:10] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:17:12] ppcls INFO: [Train][Epoch 59/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.79688, CELoss: 0.42778, loss: 0.42778, batch\_cost: 1.44711s, reader\_cost: 1.24403, ips: 44.22622 samples/s, eta: 0:13:27

[2024/03/05 09:17:23] ppcls INFO: [Train][Epoch 59/120][Avg]top1: 0.84549, CELoss: 0.42302, loss: 0.42302

[2024/03/05 09:17:25] ppcls INFO: [Eval][Epoch 59][Iter: 0/3]CELoss: 0.33387, loss: 0.33387, top1: 0.92188, batch\_cost: 1.37541s, reader\_cost: 1.23288, ips: 46.53165 images/sec

[2024/03/05 09:17:27] ppcls INFO: [Eval][Epoch 59][Avg]CELoss: 0.27522, loss: 0.27522, top1: 0.91406

[2024/03/05 09:17:27] ppcls INFO: [Eval][Epoch 59][best metric: 0.9140625]

[2024/03/05 09:17:27] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_59

[2024/03/05 09:17:28] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:17:29] ppcls INFO: [Train][Epoch 60/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.43686, loss: 0.43686, batch\_cost: 1.34415s, reader\_cost: 1.14273, ips: 47.61373 samples/s, eta: 0:12:17

[2024/03/05 09:17:41] ppcls INFO: [Train][Epoch 60/120][Avg]top1: 0.80903, CELoss: 0.52307, loss: 0.52307

[2024/03/05 09:17:42] ppcls INFO: [Eval][Epoch 60][Iter: 0/3]CELoss: 0.32697, loss: 0.32697, top1: 0.92188, batch\_cost: 1.40272s, reader\_cost: 1.25920, ips: 45.62558 images/sec

[2024/03/05 09:17:45] ppcls INFO: [Eval][Epoch 60][Avg]CELoss: 0.27664, loss: 0.27664, top1: 0.91406

[2024/03/05 09:17:45] ppcls INFO: [Eval][Epoch 60][best metric: 0.9140625]

[2024/03/05 09:17:45] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_60

[2024/03/05 09:17:45] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:17:47] ppcls INFO: [Train][Epoch 61/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.41887, loss: 0.41887, batch\_cost: 1.57142s, reader\_cost: 1.36817, ips: 40.72756 samples/s, eta: 0:14:08

[2024/03/05 09:17:59] ppcls INFO: [Train][Epoch 61/120][Avg]top1: 0.82465, CELoss: 0.49894, loss: 0.49894

[2024/03/05 09:18:00] ppcls INFO: [Eval][Epoch 61][Iter: 0/3]CELoss: 0.41303, loss: 0.41303, top1: 0.92188, batch\_cost: 1.30026s, reader\_cost: 1.25342, ips: 49.22083 images/sec

[2024/03/05 09:18:03] ppcls INFO: [Eval][Epoch 61][Avg]CELoss: 0.29899, loss: 0.29899, top1: 0.92969

[2024/03/05 09:18:03] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 09:18:03] ppcls INFO: [Eval][Epoch 61][best metric: 0.9296875]

[2024/03/05 09:18:03] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_61

[2024/03/05 09:18:04] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:18:05] ppcls INFO: [Train][Epoch 62/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.37337, loss: 0.37337, batch\_cost: 1.53912s, reader\_cost: 1.34059, ips: 41.58216 samples/s, eta: 0:13:37

[2024/03/05 09:18:17] ppcls INFO: [Train][Epoch 62/120][Avg]top1: 0.82465, CELoss: 0.52547, loss: 0.52547

[2024/03/05 09:18:18] ppcls INFO: [Eval][Epoch 62][Iter: 0/3]CELoss: 0.35825, loss: 0.35825, top1: 0.87500, batch\_cost: 1.24335s, reader\_cost: 1.19551, ips: 51.47404 images/sec

[2024/03/05 09:18:21] ppcls INFO: [Eval][Epoch 62][Avg]CELoss: 0.27857, loss: 0.27857, top1: 0.89844

[2024/03/05 09:18:21] ppcls INFO: [Eval][Epoch 62][best metric: 0.9296875]

[2024/03/05 09:18:21] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_62

[2024/03/05 09:18:21] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:18:23] ppcls INFO: [Train][Epoch 63/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.92188, CELoss: 0.33383, loss: 0.33383, batch\_cost: 1.49955s, reader\_cost: 1.28422, ips: 42.67953 samples/s, eta: 0:13:02

[2024/03/05 09:18:35] ppcls INFO: [Train][Epoch 63/120][Avg]top1: 0.84549, CELoss: 0.47112, loss: 0.47112

[2024/03/05 09:18:36] ppcls INFO: [Eval][Epoch 63][Iter: 0/3]CELoss: 0.31463, loss: 0.31463, top1: 0.92188, batch\_cost: 1.31603s, reader\_cost: 1.18647, ips: 48.63096 images/sec

[2024/03/05 09:18:38] ppcls INFO: [Eval][Epoch 63][Avg]CELoss: 0.28045, loss: 0.28045, top1: 0.90625

[2024/03/05 09:18:38] ppcls INFO: [Eval][Epoch 63][best metric: 0.9296875]

[2024/03/05 09:18:39] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_63

[2024/03/05 09:18:39] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:18:41] ppcls INFO: [Train][Epoch 64/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.95312, CELoss: 0.22254, loss: 0.22254, batch\_cost: 1.37435s, reader\_cost: 1.19013, ips: 46.56745 samples/s, eta: 0:11:45

[2024/03/05 09:18:52] ppcls INFO: [Train][Epoch 64/120][Avg]top1: 0.85069, CELoss: 0.45277, loss: 0.45277

[2024/03/05 09:18:54] ppcls INFO: [Eval][Epoch 64][Iter: 0/3]CELoss: 0.27535, loss: 0.27535, top1: 0.90625, batch\_cost: 1.33162s, reader\_cost: 1.19308, ips: 48.06179 images/sec

[2024/03/05 09:18:56] ppcls INFO: [Eval][Epoch 64][Avg]CELoss: 0.26359, loss: 0.26359, top1: 0.89844

[2024/03/05 09:18:56] ppcls INFO: [Eval][Epoch 64][best metric: 0.9296875]

[2024/03/05 09:18:57] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_64

[2024/03/05 09:18:57] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:18:59] ppcls INFO: [Train][Epoch 65/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.47336, loss: 0.47336, batch\_cost: 1.43510s, reader\_cost: 1.26051, ips: 44.59632 samples/s, eta: 0:12:03

[2024/03/05 09:19:10] ppcls INFO: [Train][Epoch 65/120][Avg]top1: 0.83507, CELoss: 0.45612, loss: 0.45612

[2024/03/05 09:19:11] ppcls INFO: [Eval][Epoch 65][Iter: 0/3]CELoss: 0.29042, loss: 0.29042, top1: 0.92188, batch\_cost: 1.35768s, reader\_cost: 1.22812, ips: 47.13912 images/sec

[2024/03/05 09:19:14] ppcls INFO: [Eval][Epoch 65][Avg]CELoss: 0.25693, loss: 0.25693, top1: 0.90625

[2024/03/05 09:19:14] ppcls INFO: [Eval][Epoch 65][best metric: 0.9296875]

[2024/03/05 09:19:14] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_65

[2024/03/05 09:19:15] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:19:16] ppcls INFO: [Train][Epoch 66/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.51806, loss: 0.51806, batch\_cost: 1.44117s, reader\_cost: 1.27502, ips: 44.40839 samples/s, eta: 0:11:53

[2024/03/05 09:19:28] ppcls INFO: [Train][Epoch 66/120][Avg]top1: 0.82465, CELoss: 0.48559, loss: 0.48559

[2024/03/05 09:19:29] ppcls INFO: [Eval][Epoch 66][Iter: 0/3]CELoss: 0.29593, loss: 0.29593, top1: 0.93750, batch\_cost: 1.22374s, reader\_cost: 1.17391, ips: 52.29865 images/sec

[2024/03/05 09:19:32] ppcls INFO: [Eval][Epoch 66][Avg]CELoss: 0.24624, loss: 0.24624, top1: 0.92188

[2024/03/05 09:19:32] ppcls INFO: [Eval][Epoch 66][best metric: 0.9296875]

[2024/03/05 09:19:32] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_66

[2024/03/05 09:19:32] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:19:34] ppcls INFO: [Train][Epoch 67/120][Iter: 0/9]lr(PiecewiseDecay): 0.01000000, top1: 0.76562, CELoss: 0.46383, loss: 0.46383, batch\_cost: 1.54042s, reader\_cost: 1.36780, ips: 41.54710 samples/s, eta: 0:12:28

[2024/03/05 09:19:46] ppcls INFO: [Train][Epoch 67/120][Avg]top1: 0.82465, CELoss: 0.44738, loss: 0.44738

[2024/03/05 09:19:47] ppcls INFO: [Eval][Epoch 67][Iter: 0/3]CELoss: 0.41639, loss: 0.41639, top1: 0.89062, batch\_cost: 1.36225s, reader\_cost: 1.20677, ips: 46.98126 images/sec

[2024/03/05 09:19:49] ppcls INFO: [Eval][Epoch 67][Avg]CELoss: 0.28187, loss: 0.28187, top1: 0.92969

[2024/03/05 09:19:49] ppcls INFO: [Eval][Epoch 67][best metric: 0.9296875]

[2024/03/05 09:19:50] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_67

[2024/03/05 09:19:50] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:19:52] ppcls INFO: [Train][Epoch 68/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.79688, CELoss: 0.46186, loss: 0.46186, batch\_cost: 1.42196s, reader\_cost: 1.25671, ips: 45.00825 samples/s, eta: 0:11:18

[2024/03/05 09:20:03] ppcls INFO: [Train][Epoch 68/120][Avg]top1: 0.82639, CELoss: 0.47354, loss: 0.47354

[2024/03/05 09:20:05] ppcls INFO: [Eval][Epoch 68][Iter: 0/3]CELoss: 0.37041, loss: 0.37041, top1: 0.90625, batch\_cost: 1.35451s, reader\_cost: 1.22694, ips: 47.24942 images/sec

[2024/03/05 09:20:07] ppcls INFO: [Eval][Epoch 68][Avg]CELoss: 0.26395, loss: 0.26395, top1: 0.93750

[2024/03/05 09:20:08] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 09:20:08] ppcls INFO: [Eval][Epoch 68][best metric: 0.9375]

[2024/03/05 09:20:08] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_68

[2024/03/05 09:20:08] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:20:10] ppcls INFO: [Train][Epoch 69/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.40644, loss: 0.40644, batch\_cost: 1.53876s, reader\_cost: 1.35956, ips: 41.59194 samples/s, eta: 0:12:00

[2024/03/05 09:20:21] ppcls INFO: [Train][Epoch 69/120][Avg]top1: 0.84896, CELoss: 0.40482, loss: 0.40482

[2024/03/05 09:20:23] ppcls INFO: [Eval][Epoch 69][Iter: 0/3]CELoss: 0.33771, loss: 0.33771, top1: 0.93750, batch\_cost: 1.30233s, reader\_cost: 1.20466, ips: 49.14251 images/sec

[2024/03/05 09:20:25] ppcls INFO: [Eval][Epoch 69][Avg]CELoss: 0.25265, loss: 0.25265, top1: 0.93750

[2024/03/05 09:20:25] ppcls INFO: [Eval][Epoch 69][best metric: 0.9375]

[2024/03/05 09:20:26] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_69

[2024/03/05 09:20:26] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:20:28] ppcls INFO: [Train][Epoch 70/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.38749, loss: 0.38749, batch\_cost: 1.48633s, reader\_cost: 1.30357, ips: 43.05903 samples/s, eta: 0:11:22

[2024/03/05 09:20:39] ppcls INFO: [Train][Epoch 70/120][Avg]top1: 0.84896, CELoss: 0.43589, loss: 0.43589

[2024/03/05 09:20:40] ppcls INFO: [Eval][Epoch 70][Iter: 0/3]CELoss: 0.29674, loss: 0.29674, top1: 0.92188, batch\_cost: 1.37107s, reader\_cost: 1.22954, ips: 46.67900 images/sec

[2024/03/05 09:20:43] ppcls INFO: [Eval][Epoch 70][Avg]CELoss: 0.23653, loss: 0.23653, top1: 0.91406

[2024/03/05 09:20:43] ppcls INFO: [Eval][Epoch 70][best metric: 0.9375]

[2024/03/05 09:20:43] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_70

[2024/03/05 09:20:44] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:20:45] ppcls INFO: [Train][Epoch 71/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.82812, CELoss: 0.43201, loss: 0.43201, batch\_cost: 1.39489s, reader\_cost: 1.19833, ips: 45.88189 samples/s, eta: 0:10:27

[2024/03/05 09:20:57] ppcls INFO: [Train][Epoch 71/120][Avg]top1: 0.83160, CELoss: 0.44117, loss: 0.44117

[2024/03/05 09:20:58] ppcls INFO: [Eval][Epoch 71][Iter: 0/3]CELoss: 0.32281, loss: 0.32281, top1: 0.89062, batch\_cost: 1.39378s, reader\_cost: 1.21568, ips: 45.91818 images/sec

[2024/03/05 09:21:01] ppcls INFO: [Eval][Epoch 71][Avg]CELoss: 0.24500, loss: 0.24500, top1: 0.90625

[2024/03/05 09:21:01] ppcls INFO: [Eval][Epoch 71][best metric: 0.9375]

[2024/03/05 09:21:01] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_71

[2024/03/05 09:21:01] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:21:03] ppcls INFO: [Train][Epoch 72/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.79688, CELoss: 0.66099, loss: 0.66099, batch\_cost: 1.44863s, reader\_cost: 1.27920, ips: 44.17968 samples/s, eta: 0:10:38

[2024/03/05 09:21:15] ppcls INFO: [Train][Epoch 72/120][Avg]top1: 0.82465, CELoss: 0.46464, loss: 0.46464

[2024/03/05 09:21:16] ppcls INFO: [Eval][Epoch 72][Iter: 0/3]CELoss: 0.32359, loss: 0.32359, top1: 0.90625, batch\_cost: 1.36051s, reader\_cost: 1.24091, ips: 47.04120 images/sec

[2024/03/05 09:21:19] ppcls INFO: [Eval][Epoch 72][Avg]CELoss: 0.25036, loss: 0.25036, top1: 0.90625

[2024/03/05 09:21:19] ppcls INFO: [Eval][Epoch 72][best metric: 0.9375]

[2024/03/05 09:21:19] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_72

[2024/03/05 09:21:19] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:21:21] ppcls INFO: [Train][Epoch 73/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.85938, CELoss: 0.36442, loss: 0.36442, batch\_cost: 1.49886s, reader\_cost: 1.31149, ips: 42.69905 samples/s, eta: 0:10:47

[2024/03/05 09:21:33] ppcls INFO: [Train][Epoch 73/120][Avg]top1: 0.83333, CELoss: 0.47082, loss: 0.47082

[2024/03/05 09:21:34] ppcls INFO: [Eval][Epoch 73][Iter: 0/3]CELoss: 0.29803, loss: 0.29803, top1: 0.90625, batch\_cost: 1.28977s, reader\_cost: 1.17315, ips: 49.62125 images/sec

[2024/03/05 09:21:36] ppcls INFO: [Eval][Epoch 73][Avg]CELoss: 0.23718, loss: 0.23718, top1: 0.90625

[2024/03/05 09:21:36] ppcls INFO: [Eval][Epoch 73][best metric: 0.9375]

[2024/03/05 09:21:37] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_73

[2024/03/05 09:21:37] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:21:39] ppcls INFO: [Train][Epoch 74/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.90625, CELoss: 0.37010, loss: 0.37010, batch\_cost: 1.44584s, reader\_cost: 1.26353, ips: 44.26500 samples/s, eta: 0:10:11

[2024/03/05 09:21:50] ppcls INFO: [Train][Epoch 74/120][Avg]top1: 0.86458, CELoss: 0.40497, loss: 0.40497

[2024/03/05 09:21:51] ppcls INFO: [Eval][Epoch 74][Iter: 0/3]CELoss: 0.29546, loss: 0.29546, top1: 0.93750, batch\_cost: 1.32280s, reader\_cost: 1.17927, ips: 48.38238 images/sec

[2024/03/05 09:21:54] ppcls INFO: [Eval][Epoch 74][Avg]CELoss: 0.23540, loss: 0.23540, top1: 0.92188

[2024/03/05 09:21:54] ppcls INFO: [Eval][Epoch 74][best metric: 0.9375]

[2024/03/05 09:21:54] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_74

[2024/03/05 09:21:55] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:21:56] ppcls INFO: [Train][Epoch 75/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.76562, CELoss: 0.52087, loss: 0.52087, batch\_cost: 1.47985s, reader\_cost: 1.29407, ips: 43.24768 samples/s, eta: 0:10:12

[2024/03/05 09:22:08] ppcls INFO: [Train][Epoch 75/120][Avg]top1: 0.82292, CELoss: 0.45830, loss: 0.45830

[2024/03/05 09:22:09] ppcls INFO: [Eval][Epoch 75][Iter: 0/3]CELoss: 0.28406, loss: 0.28406, top1: 0.92188, batch\_cost: 1.35233s, reader\_cost: 1.22476, ips: 47.32555 images/sec

[2024/03/05 09:22:12] ppcls INFO: [Eval][Epoch 75][Avg]CELoss: 0.23581, loss: 0.23581, top1: 0.91406

[2024/03/05 09:22:12] ppcls INFO: [Eval][Epoch 75][best metric: 0.9375]

[2024/03/05 09:22:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_75

[2024/03/05 09:22:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:22:14] ppcls INFO: [Train][Epoch 76/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.85938, CELoss: 0.36400, loss: 0.36400, batch\_cost: 1.34753s, reader\_cost: 1.16210, ips: 47.49419 samples/s, eta: 0:09:05

[2024/03/05 09:22:26] ppcls INFO: [Train][Epoch 76/120][Avg]top1: 0.83681, CELoss: 0.43250, loss: 0.43250

[2024/03/05 09:22:27] ppcls INFO: [Eval][Epoch 76][Iter: 0/3]CELoss: 0.28320, loss: 0.28320, top1: 0.93750, batch\_cost: 1.27004s, reader\_cost: 1.22200, ips: 50.39202 images/sec

[2024/03/05 09:22:29] ppcls INFO: [Eval][Epoch 76][Avg]CELoss: 0.23462, loss: 0.23462, top1: 0.92188

[2024/03/05 09:22:29] ppcls INFO: [Eval][Epoch 76][best metric: 0.9375]

[2024/03/05 09:22:30] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_76

[2024/03/05 09:22:30] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:22:32] ppcls INFO: [Train][Epoch 77/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.45426, loss: 0.45426, batch\_cost: 1.47461s, reader\_cost: 1.27554, ips: 43.40132 samples/s, eta: 0:09:43

[2024/03/05 09:22:43] ppcls INFO: [Train][Epoch 77/120][Avg]top1: 0.83507, CELoss: 0.45379, loss: 0.45379

[2024/03/05 09:22:45] ppcls INFO: [Eval][Epoch 77][Iter: 0/3]CELoss: 0.27953, loss: 0.27953, top1: 0.93750, batch\_cost: 1.25310s, reader\_cost: 1.19430, ips: 51.07337 images/sec

[2024/03/05 09:22:47] ppcls INFO: [Eval][Epoch 77][Avg]CELoss: 0.23438, loss: 0.23438, top1: 0.92188

[2024/03/05 09:22:47] ppcls INFO: [Eval][Epoch 77][best metric: 0.9375]

[2024/03/05 09:22:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_77

[2024/03/05 09:22:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:22:50] ppcls INFO: [Train][Epoch 78/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.79688, CELoss: 0.64459, loss: 0.64459, batch\_cost: 1.41365s, reader\_cost: 1.22995, ips: 45.27300 samples/s, eta: 0:09:07

[2024/03/05 09:23:01] ppcls INFO: [Train][Epoch 78/120][Avg]top1: 0.85938, CELoss: 0.40778, loss: 0.40778

[2024/03/05 09:23:02] ppcls INFO: [Eval][Epoch 78][Iter: 0/3]CELoss: 0.27640, loss: 0.27640, top1: 0.93750, batch\_cost: 1.34067s, reader\_cost: 1.20413, ips: 47.73719 images/sec

[2024/03/05 09:23:05] ppcls INFO: [Eval][Epoch 78][Avg]CELoss: 0.23093, loss: 0.23093, top1: 0.92188

[2024/03/05 09:23:05] ppcls INFO: [Eval][Epoch 78][best metric: 0.9375]

[2024/03/05 09:23:05] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_78

[2024/03/05 09:23:06] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:23:07] ppcls INFO: [Train][Epoch 79/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.85938, CELoss: 0.39706, loss: 0.39706, batch\_cost: 1.45851s, reader\_cost: 1.24745, ips: 43.88044 samples/s, eta: 0:09:11

[2024/03/05 09:23:19] ppcls INFO: [Train][Epoch 79/120][Avg]top1: 0.84549, CELoss: 0.41150, loss: 0.41150

[2024/03/05 09:23:20] ppcls INFO: [Eval][Epoch 79][Iter: 0/3]CELoss: 0.28697, loss: 0.28697, top1: 0.93750, batch\_cost: 1.33666s, reader\_cost: 1.20150, ips: 47.88057 images/sec

[2024/03/05 09:23:23] ppcls INFO: [Eval][Epoch 79][Avg]CELoss: 0.23289, loss: 0.23289, top1: 0.92188

[2024/03/05 09:23:23] ppcls INFO: [Eval][Epoch 79][best metric: 0.9375]

[2024/03/05 09:23:23] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_79

[2024/03/05 09:23:23] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:23:26] ppcls INFO: [Train][Epoch 80/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.93750, CELoss: 0.26614, loss: 0.26614, batch\_cost: 1.53174s, reader\_cost: 1.32565, ips: 41.78242 samples/s, eta: 0:09:25

[2024/03/05 09:23:37] ppcls INFO: [Train][Epoch 80/120][Avg]top1: 0.82986, CELoss: 0.46437, loss: 0.46437

[2024/03/05 09:23:38] ppcls INFO: [Eval][Epoch 80][Iter: 0/3]CELoss: 0.29222, loss: 0.29222, top1: 0.93750, batch\_cost: 1.29247s, reader\_cost: 1.24364, ips: 49.51740 images/sec

[2024/03/05 09:23:40] ppcls INFO: [Eval][Epoch 80][Avg]CELoss: 0.23571, loss: 0.23571, top1: 0.92188

[2024/03/05 09:23:40] ppcls INFO: [Eval][Epoch 80][best metric: 0.9375]

[2024/03/05 09:23:41] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_80

[2024/03/05 09:23:41] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:23:43] ppcls INFO: [Train][Epoch 81/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.35100, loss: 0.35100, batch\_cost: 1.39744s, reader\_cost: 1.19751, ips: 45.79792 samples/s, eta: 0:08:23

[2024/03/05 09:23:54] ppcls INFO: [Train][Epoch 81/120][Avg]top1: 0.85243, CELoss: 0.42292, loss: 0.42292

[2024/03/05 09:23:56] ppcls INFO: [Eval][Epoch 81][Iter: 0/3]CELoss: 0.28354, loss: 0.28354, top1: 0.93750, batch\_cost: 1.27921s, reader\_cost: 1.23137, ips: 50.03101 images/sec

[2024/03/05 09:23:58] ppcls INFO: [Eval][Epoch 81][Avg]CELoss: 0.23084, loss: 0.23084, top1: 0.92188

[2024/03/05 09:23:58] ppcls INFO: [Eval][Epoch 81][best metric: 0.9375]

[2024/03/05 09:23:59] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_81

[2024/03/05 09:23:59] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:24:00] ppcls INFO: [Train][Epoch 82/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.76562, CELoss: 0.61256, loss: 0.61256, batch\_cost: 1.40708s, reader\_cost: 1.20924, ips: 45.48427 samples/s, eta: 0:08:13

[2024/03/05 09:24:12] ppcls INFO: [Train][Epoch 82/120][Avg]top1: 0.83681, CELoss: 0.40705, loss: 0.40705

[2024/03/05 09:24:13] ppcls INFO: [Eval][Epoch 82][Iter: 0/3]CELoss: 0.27967, loss: 0.27967, top1: 0.93750, batch\_cost: 1.26587s, reader\_cost: 1.21803, ips: 50.55803 images/sec

[2024/03/05 09:24:16] ppcls INFO: [Eval][Epoch 82][Avg]CELoss: 0.22754, loss: 0.22754, top1: 0.92188

[2024/03/05 09:24:16] ppcls INFO: [Eval][Epoch 82][best metric: 0.9375]

[2024/03/05 09:24:16] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_82

[2024/03/05 09:24:17] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:24:18] ppcls INFO: [Train][Epoch 83/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.81250, CELoss: 0.42950, loss: 0.42950, batch\_cost: 1.52344s, reader\_cost: 1.30658, ips: 42.01009 samples/s, eta: 0:08:41

[2024/03/05 09:24:30] ppcls INFO: [Train][Epoch 83/120][Avg]top1: 0.84722, CELoss: 0.42262, loss: 0.42262

[2024/03/05 09:24:31] ppcls INFO: [Eval][Epoch 83][Iter: 0/3]CELoss: 0.28449, loss: 0.28449, top1: 0.93750, batch\_cost: 1.34138s, reader\_cost: 1.21082, ips: 47.71208 images/sec

[2024/03/05 09:24:34] ppcls INFO: [Eval][Epoch 83][Avg]CELoss: 0.23015, loss: 0.23015, top1: 0.92188

[2024/03/05 09:24:34] ppcls INFO: [Eval][Epoch 83][best metric: 0.9375]

[2024/03/05 09:24:34] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_83

[2024/03/05 09:24:34] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:24:36] ppcls INFO: [Train][Epoch 84/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.35628, loss: 0.35628, batch\_cost: 1.54550s, reader\_cost: 1.34101, ips: 41.41067 samples/s, eta: 0:08:34

[2024/03/05 09:24:48] ppcls INFO: [Train][Epoch 84/120][Avg]top1: 0.86111, CELoss: 0.38802, loss: 0.38802

[2024/03/05 09:24:49] ppcls INFO: [Eval][Epoch 84][Iter: 0/3]CELoss: 0.28499, loss: 0.28499, top1: 0.93750, batch\_cost: 1.35331s, reader\_cost: 1.22873, ips: 47.29129 images/sec

[2024/03/05 09:24:52] ppcls INFO: [Eval][Epoch 84][Avg]CELoss: 0.22998, loss: 0.22998, top1: 0.92188

[2024/03/05 09:24:52] ppcls INFO: [Eval][Epoch 84][best metric: 0.9375]

[2024/03/05 09:24:52] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_84

[2024/03/05 09:24:52] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:24:54] ppcls INFO: [Train][Epoch 85/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.79688, CELoss: 0.50242, loss: 0.50242, batch\_cost: 1.49334s, reader\_cost: 1.29241, ips: 42.85683 samples/s, eta: 0:08:03

[2024/03/05 09:25:05] ppcls INFO: [Train][Epoch 85/120][Avg]top1: 0.85417, CELoss: 0.45599, loss: 0.45599

[2024/03/05 09:25:07] ppcls INFO: [Eval][Epoch 85][Iter: 0/3]CELoss: 0.28208, loss: 0.28208, top1: 0.93750, batch\_cost: 1.41029s, reader\_cost: 1.25481, ips: 45.38081 images/sec

[2024/03/05 09:25:09] ppcls INFO: [Eval][Epoch 85][Avg]CELoss: 0.22513, loss: 0.22513, top1: 0.92188

[2024/03/05 09:25:09] ppcls INFO: [Eval][Epoch 85][best metric: 0.9375]

[2024/03/05 09:25:10] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_85

[2024/03/05 09:25:10] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:25:12] ppcls INFO: [Train][Epoch 86/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.82812, CELoss: 0.44147, loss: 0.44147, batch\_cost: 1.44567s, reader\_cost: 1.27603, ips: 44.27019 samples/s, eta: 0:07:35

[2024/03/05 09:25:23] ppcls INFO: [Train][Epoch 86/120][Avg]top1: 0.83333, CELoss: 0.45839, loss: 0.45839

[2024/03/05 09:25:24] ppcls INFO: [Eval][Epoch 86][Iter: 0/3]CELoss: 0.30240, loss: 0.30240, top1: 0.93750, batch\_cost: 1.31429s, reader\_cost: 1.20899, ips: 48.69568 images/sec

[2024/03/05 09:25:27] ppcls INFO: [Eval][Epoch 86][Avg]CELoss: 0.23457, loss: 0.23457, top1: 0.92969

[2024/03/05 09:25:27] ppcls INFO: [Eval][Epoch 86][best metric: 0.9375]

[2024/03/05 09:25:27] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_86

[2024/03/05 09:25:28] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:25:29] ppcls INFO: [Train][Epoch 87/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.36443, loss: 0.36443, batch\_cost: 1.40109s, reader\_cost: 1.22398, ips: 45.67864 samples/s, eta: 0:07:08

[2024/03/05 09:25:41] ppcls INFO: [Train][Epoch 87/120][Avg]top1: 0.84722, CELoss: 0.42362, loss: 0.42362

[2024/03/05 09:25:42] ppcls INFO: [Eval][Epoch 87][Iter: 0/3]CELoss: 0.28604, loss: 0.28604, top1: 0.93750, batch\_cost: 1.36604s, reader\_cost: 1.22252, ips: 46.85060 images/sec

[2024/03/05 09:25:45] ppcls INFO: [Eval][Epoch 87][Avg]CELoss: 0.22808, loss: 0.22808, top1: 0.92188

[2024/03/05 09:25:45] ppcls INFO: [Eval][Epoch 87][best metric: 0.9375]

[2024/03/05 09:25:45] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_87

[2024/03/05 09:25:46] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:25:47] ppcls INFO: [Train][Epoch 88/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.81250, CELoss: 0.63573, loss: 0.63573, batch\_cost: 1.45717s, reader\_cost: 1.24475, ips: 43.92085 samples/s, eta: 0:07:12

[2024/03/05 09:25:59] ppcls INFO: [Train][Epoch 88/120][Avg]top1: 0.82639, CELoss: 0.45175, loss: 0.45175

[2024/03/05 09:26:00] ppcls INFO: [Eval][Epoch 88][Iter: 0/3]CELoss: 0.28017, loss: 0.28017, top1: 0.93750, batch\_cost: 1.27075s, reader\_cost: 1.22415, ips: 50.36396 images/sec

[2024/03/05 09:26:03] ppcls INFO: [Eval][Epoch 88][Avg]CELoss: 0.22745, loss: 0.22745, top1: 0.92188

[2024/03/05 09:26:03] ppcls INFO: [Eval][Epoch 88][best metric: 0.9375]

[2024/03/05 09:26:03] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_88

[2024/03/05 09:26:03] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:26:05] ppcls INFO: [Train][Epoch 89/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.95312, CELoss: 0.25208, loss: 0.25208, batch\_cost: 1.52882s, reader\_cost: 1.34156, ips: 41.86232 samples/s, eta: 0:07:20

[2024/03/05 09:26:17] ppcls INFO: [Train][Epoch 89/120][Avg]top1: 0.85938, CELoss: 0.40470, loss: 0.40470

[2024/03/05 09:26:18] ppcls INFO: [Eval][Epoch 89][Iter: 0/3]CELoss: 0.28290, loss: 0.28290, top1: 0.92188, batch\_cost: 1.36993s, reader\_cost: 1.21793, ips: 46.71775 images/sec

[2024/03/05 09:26:21] ppcls INFO: [Eval][Epoch 89][Avg]CELoss: 0.22849, loss: 0.22849, top1: 0.91406

[2024/03/05 09:26:21] ppcls INFO: [Eval][Epoch 89][best metric: 0.9375]

[2024/03/05 09:26:21] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_89

[2024/03/05 09:26:21] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:26:23] ppcls INFO: [Train][Epoch 90/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.54287, loss: 0.54287, batch\_cost: 1.45444s, reader\_cost: 1.25710, ips: 44.00330 samples/s, eta: 0:06:45

[2024/03/05 09:26:34] ppcls INFO: [Train][Epoch 90/120][Avg]top1: 0.85417, CELoss: 0.45291, loss: 0.45291

[2024/03/05 09:26:36] ppcls INFO: [Eval][Epoch 90][Iter: 0/3]CELoss: 0.27109, loss: 0.27109, top1: 0.93750, batch\_cost: 1.36449s, reader\_cost: 1.23792, ips: 46.90387 images/sec

[2024/03/05 09:26:38] ppcls INFO: [Eval][Epoch 90][Avg]CELoss: 0.22581, loss: 0.22581, top1: 0.92188

[2024/03/05 09:26:38] ppcls INFO: [Eval][Epoch 90][best metric: 0.9375]

[2024/03/05 09:26:39] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_90

[2024/03/05 09:26:39] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:26:41] ppcls INFO: [Train][Epoch 91/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.79688, CELoss: 0.55841, loss: 0.55841, batch\_cost: 1.54305s, reader\_cost: 1.34218, ips: 41.47627 samples/s, eta: 0:06:56

[2024/03/05 09:26:52] ppcls INFO: [Train][Epoch 91/120][Avg]top1: 0.83333, CELoss: 0.43794, loss: 0.43794

[2024/03/05 09:26:54] ppcls INFO: [Eval][Epoch 91][Iter: 0/3]CELoss: 0.27526, loss: 0.27526, top1: 0.93750, batch\_cost: 1.27383s, reader\_cost: 1.22599, ips: 50.24234 images/sec

[2024/03/05 09:26:56] ppcls INFO: [Eval][Epoch 91][Avg]CELoss: 0.22312, loss: 0.22312, top1: 0.92188

[2024/03/05 09:26:56] ppcls INFO: [Eval][Epoch 91][best metric: 0.9375]

[2024/03/05 09:26:57] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_91

[2024/03/05 09:26:57] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:26:59] ppcls INFO: [Train][Epoch 92/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.89062, CELoss: 0.35651, loss: 0.35651, batch\_cost: 1.40234s, reader\_cost: 1.22429, ips: 45.63811 samples/s, eta: 0:06:06

[2024/03/05 09:27:10] ppcls INFO: [Train][Epoch 92/120][Avg]top1: 0.86285, CELoss: 0.40229, loss: 0.40229

[2024/03/05 09:27:12] ppcls INFO: [Eval][Epoch 92][Iter: 0/3]CELoss: 0.27937, loss: 0.27937, top1: 0.92188, batch\_cost: 1.36671s, reader\_cost: 1.22319, ips: 46.82792 images/sec

[2024/03/05 09:27:14] ppcls INFO: [Eval][Epoch 92][Avg]CELoss: 0.22606, loss: 0.22606, top1: 0.91406

[2024/03/05 09:27:14] ppcls INFO: [Eval][Epoch 92][best metric: 0.9375]

[2024/03/05 09:27:15] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_92

[2024/03/05 09:27:15] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:27:17] ppcls INFO: [Train][Epoch 93/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.82812, CELoss: 0.48082, loss: 0.48082, batch\_cost: 1.49358s, reader\_cost: 1.31239, ips: 42.85011 samples/s, eta: 0:06:16

[2024/03/05 09:27:28] ppcls INFO: [Train][Epoch 93/120][Avg]top1: 0.85590, CELoss: 0.41143, loss: 0.41143

[2024/03/05 09:27:29] ppcls INFO: [Eval][Epoch 93][Iter: 0/3]CELoss: 0.28732, loss: 0.28732, top1: 0.92188, batch\_cost: 1.36566s, reader\_cost: 1.22413, ips: 46.86394 images/sec

[2024/03/05 09:27:32] ppcls INFO: [Eval][Epoch 93][Avg]CELoss: 0.22856, loss: 0.22856, top1: 0.91406

[2024/03/05 09:27:32] ppcls INFO: [Eval][Epoch 93][best metric: 0.9375]

[2024/03/05 09:27:32] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_93

[2024/03/05 09:27:33] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:27:34] ppcls INFO: [Train][Epoch 94/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.52530, loss: 0.52530, batch\_cost: 1.27635s, reader\_cost: 1.07801, ips: 50.14302 samples/s, eta: 0:05:10

[2024/03/05 09:27:46] ppcls INFO: [Train][Epoch 94/120][Avg]top1: 0.83333, CELoss: 0.46744, loss: 0.46744

[2024/03/05 09:27:47] ppcls INFO: [Eval][Epoch 94][Iter: 0/3]CELoss: 0.29120, loss: 0.29120, top1: 0.92188, batch\_cost: 1.33817s, reader\_cost: 1.21558, ips: 47.82637 images/sec

[2024/03/05 09:27:50] ppcls INFO: [Eval][Epoch 94][Avg]CELoss: 0.23109, loss: 0.23109, top1: 0.91406

[2024/03/05 09:27:50] ppcls INFO: [Eval][Epoch 94][best metric: 0.9375]

[2024/03/05 09:27:50] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_94

[2024/03/05 09:27:50] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:27:52] ppcls INFO: [Train][Epoch 95/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.31399, loss: 0.31399, batch\_cost: 1.48502s, reader\_cost: 1.28997, ips: 43.09702 samples/s, eta: 0:05:47

[2024/03/05 09:28:04] ppcls INFO: [Train][Epoch 95/120][Avg]top1: 0.85938, CELoss: 0.41681, loss: 0.41681

[2024/03/05 09:28:05] ppcls INFO: [Eval][Epoch 95][Iter: 0/3]CELoss: 0.29695, loss: 0.29695, top1: 0.92188, batch\_cost: 1.36785s, reader\_cost: 1.22532, ips: 46.78888 images/sec

[2024/03/05 09:28:07] ppcls INFO: [Eval][Epoch 95][Avg]CELoss: 0.23581, loss: 0.23581, top1: 0.91406

[2024/03/05 09:28:07] ppcls INFO: [Eval][Epoch 95][best metric: 0.9375]

[2024/03/05 09:28:08] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_95

[2024/03/05 09:28:08] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:28:10] ppcls INFO: [Train][Epoch 96/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.85938, CELoss: 0.43063, loss: 0.43063, batch\_cost: 1.50112s, reader\_cost: 1.28385, ips: 42.63471 samples/s, eta: 0:05:37

[2024/03/05 09:28:21] ppcls INFO: [Train][Epoch 96/120][Avg]top1: 0.85243, CELoss: 0.43022, loss: 0.43022

[2024/03/05 09:28:23] ppcls INFO: [Eval][Epoch 96][Iter: 0/3]CELoss: 0.28609, loss: 0.28609, top1: 0.92188, batch\_cost: 1.39121s, reader\_cost: 1.24919, ips: 46.00296 images/sec

[2024/03/05 09:28:25] ppcls INFO: [Eval][Epoch 96][Avg]CELoss: 0.22577, loss: 0.22577, top1: 0.91406

[2024/03/05 09:28:25] ppcls INFO: [Eval][Epoch 96][best metric: 0.9375]

[2024/03/05 09:28:26] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_96

[2024/03/05 09:28:26] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:28:28] ppcls INFO: [Train][Epoch 97/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.85938, CELoss: 0.53551, loss: 0.53551, batch\_cost: 1.52249s, reader\_cost: 1.30785, ips: 42.03646 samples/s, eta: 0:05:28

[2024/03/05 09:28:39] ppcls INFO: [Train][Epoch 97/120][Avg]top1: 0.84722, CELoss: 0.46860, loss: 0.46860

[2024/03/05 09:28:41] ppcls INFO: [Eval][Epoch 97][Iter: 0/3]CELoss: 0.27811, loss: 0.27811, top1: 0.93750, batch\_cost: 1.37365s, reader\_cost: 1.22914, ips: 46.59105 images/sec

[2024/03/05 09:28:43] ppcls INFO: [Eval][Epoch 97][Avg]CELoss: 0.22465, loss: 0.22465, top1: 0.92188

[2024/03/05 09:28:43] ppcls INFO: [Eval][Epoch 97][best metric: 0.9375]

[2024/03/05 09:28:43] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_97

[2024/03/05 09:28:44] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:28:45] ppcls INFO: [Train][Epoch 98/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.79688, CELoss: 0.47087, loss: 0.47087, batch\_cost: 1.46996s, reader\_cost: 1.27718, ips: 43.53858 samples/s, eta: 0:05:04

[2024/03/05 09:28:57] ppcls INFO: [Train][Epoch 98/120][Avg]top1: 0.85243, CELoss: 0.40625, loss: 0.40625

[2024/03/05 09:28:58] ppcls INFO: [Eval][Epoch 98][Iter: 0/3]CELoss: 0.29203, loss: 0.29203, top1: 0.92188, batch\_cost: 1.26684s, reader\_cost: 1.22012, ips: 50.51938 images/sec

[2024/03/05 09:29:01] ppcls INFO: [Eval][Epoch 98][Avg]CELoss: 0.23111, loss: 0.23111, top1: 0.91406

[2024/03/05 09:29:01] ppcls INFO: [Eval][Epoch 98][best metric: 0.9375]

[2024/03/05 09:29:01] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_98

[2024/03/05 09:29:02] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:29:03] ppcls INFO: [Train][Epoch 99/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.82812, CELoss: 0.44202, loss: 0.44202, batch\_cost: 1.59944s, reader\_cost: 1.34266, ips: 40.01395 samples/s, eta: 0:05:16

[2024/03/05 09:29:15] ppcls INFO: [Train][Epoch 99/120][Avg]top1: 0.83854, CELoss: 0.42261, loss: 0.42261

[2024/03/05 09:29:16] ppcls INFO: [Eval][Epoch 99][Iter: 0/3]CELoss: 0.30345, loss: 0.30345, top1: 0.92188, batch\_cost: 1.28741s, reader\_cost: 1.20839, ips: 49.71206 images/sec

[2024/03/05 09:29:19] ppcls INFO: [Eval][Epoch 99][Avg]CELoss: 0.23304, loss: 0.23304, top1: 0.91406

[2024/03/05 09:29:19] ppcls INFO: [Eval][Epoch 99][best metric: 0.9375]

[2024/03/05 09:29:19] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_99

[2024/03/05 09:29:19] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:29:21] ppcls INFO: [Train][Epoch 100/120][Iter: 0/9]lr(PiecewiseDecay): 0.00100000, top1: 0.93750, CELoss: 0.31954, loss: 0.31954, batch\_cost: 1.44842s, reader\_cost: 1.26822, ips: 44.18600 samples/s, eta: 0:04:33

[2024/03/05 09:29:32] ppcls INFO: [Train][Epoch 100/120][Avg]top1: 0.86632, CELoss: 0.41798, loss: 0.41798

[2024/03/05 09:29:34] ppcls INFO: [Eval][Epoch 100][Iter: 0/3]CELoss: 0.27794, loss: 0.27794, top1: 0.93750, batch\_cost: 1.25681s, reader\_cost: 1.20897, ips: 50.92265 images/sec

[2024/03/05 09:29:36] ppcls INFO: [Eval][Epoch 100][Avg]CELoss: 0.22119, loss: 0.22119, top1: 0.92188

[2024/03/05 09:29:36] ppcls INFO: [Eval][Epoch 100][best metric: 0.9375]

[2024/03/05 09:29:37] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_100

[2024/03/05 09:29:37] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:29:39] ppcls INFO: [Train][Epoch 101/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.84375, CELoss: 0.39309, loss: 0.39309, batch\_cost: 1.46415s, reader\_cost: 1.26017, ips: 43.71127 samples/s, eta: 0:04:23

[2024/03/05 09:29:50] ppcls INFO: [Train][Epoch 101/120][Avg]top1: 0.85938, CELoss: 0.39274, loss: 0.39274

[2024/03/05 09:29:51] ppcls INFO: [Eval][Epoch 101][Iter: 0/3]CELoss: 0.29740, loss: 0.29740, top1: 0.92188, batch\_cost: 1.35448s, reader\_cost: 1.21993, ips: 47.25065 images/sec

[2024/03/05 09:29:54] ppcls INFO: [Eval][Epoch 101][Avg]CELoss: 0.22596, loss: 0.22596, top1: 0.93750

[2024/03/05 09:29:54] ppcls INFO: [Eval][Epoch 101][best metric: 0.9375]

[2024/03/05 09:29:54] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_101

[2024/03/05 09:29:55] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:29:56] ppcls INFO: [Train][Epoch 102/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.92188, CELoss: 0.31972, loss: 0.31972, batch\_cost: 1.47697s, reader\_cost: 1.29603, ips: 43.33194 samples/s, eta: 0:04:12

[2024/03/05 09:30:08] ppcls INFO: [Train][Epoch 102/120][Avg]top1: 0.86979, CELoss: 0.36808, loss: 0.36808

[2024/03/05 09:30:09] ppcls INFO: [Eval][Epoch 102][Iter: 0/3]CELoss: 0.29242, loss: 0.29242, top1: 0.93750, batch\_cost: 1.35783s, reader\_cost: 1.21530, ips: 47.13415 images/sec

[2024/03/05 09:30:12] ppcls INFO: [Eval][Epoch 102][Avg]CELoss: 0.22375, loss: 0.22375, top1: 0.94531

[2024/03/05 09:30:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 09:30:12] ppcls INFO: [Eval][Epoch 102][best metric: 0.9453125]

[2024/03/05 09:30:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_102

[2024/03/05 09:30:13] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:30:14] ppcls INFO: [Train][Epoch 103/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.78125, CELoss: 0.49435, loss: 0.49435, batch\_cost: 1.47372s, reader\_cost: 1.29640, ips: 43.42760 samples/s, eta: 0:03:58

[2024/03/05 09:30:26] ppcls INFO: [Train][Epoch 103/120][Avg]top1: 0.85069, CELoss: 0.38777, loss: 0.38777

[2024/03/05 09:30:27] ppcls INFO: [Eval][Epoch 103][Iter: 0/3]CELoss: 0.28778, loss: 0.28778, top1: 0.93750, batch\_cost: 1.30935s, reader\_cost: 1.21866, ips: 48.87908 images/sec

[2024/03/05 09:30:30] ppcls INFO: [Eval][Epoch 103][Avg]CELoss: 0.22117, loss: 0.22117, top1: 0.94531

[2024/03/05 09:30:30] ppcls INFO: [Eval][Epoch 103][best metric: 0.9453125]

[2024/03/05 09:30:30] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_103

[2024/03/05 09:30:31] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:30:32] ppcls INFO: [Train][Epoch 104/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.78125, CELoss: 0.45804, loss: 0.45804, batch\_cost: 1.51044s, reader\_cost: 1.31864, ips: 42.37187 samples/s, eta: 0:03:51

[2024/03/05 09:30:44] ppcls INFO: [Train][Epoch 104/120][Avg]top1: 0.82465, CELoss: 0.46969, loss: 0.46969

[2024/03/05 09:30:45] ppcls INFO: [Eval][Epoch 104][Iter: 0/3]CELoss: 0.29615, loss: 0.29615, top1: 0.92188, batch\_cost: 1.23102s, reader\_cost: 1.18318, ips: 51.98943 images/sec

[2024/03/05 09:30:48] ppcls INFO: [Eval][Epoch 104][Avg]CELoss: 0.22449, loss: 0.22449, top1: 0.94531

[2024/03/05 09:30:48] ppcls INFO: [Eval][Epoch 104][best metric: 0.9453125]

[2024/03/05 09:30:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_104

[2024/03/05 09:30:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:30:50] ppcls INFO: [Train][Epoch 105/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.78125, CELoss: 0.63911, loss: 0.63911, batch\_cost: 1.39433s, reader\_cost: 1.19660, ips: 45.90020 samples/s, eta: 0:03:20

[2024/03/05 09:31:02] ppcls INFO: [Train][Epoch 105/120][Avg]top1: 0.85938, CELoss: 0.42216, loss: 0.42216

[2024/03/05 09:31:03] ppcls INFO: [Eval][Epoch 105][Iter: 0/3]CELoss: 0.27094, loss: 0.27094, top1: 0.93750, batch\_cost: 1.25419s, reader\_cost: 1.20535, ips: 51.02899 images/sec

[2024/03/05 09:31:05] ppcls INFO: [Eval][Epoch 105][Avg]CELoss: 0.21922, loss: 0.21922, top1: 0.92188

[2024/03/05 09:31:05] ppcls INFO: [Eval][Epoch 105][best metric: 0.9453125]

[2024/03/05 09:31:06] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_105

[2024/03/05 09:31:06] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:31:08] ppcls INFO: [Train][Epoch 106/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.92188, CELoss: 0.23778, loss: 0.23778, batch\_cost: 1.46161s, reader\_cost: 1.26988, ips: 43.78747 samples/s, eta: 0:03:17

[2024/03/05 09:31:19] ppcls INFO: [Train][Epoch 106/120][Avg]top1: 0.85243, CELoss: 0.38968, loss: 0.38968

[2024/03/05 09:31:21] ppcls INFO: [Eval][Epoch 106][Iter: 0/3]CELoss: 0.27697, loss: 0.27697, top1: 0.93750, batch\_cost: 1.27074s, reader\_cost: 1.22290, ips: 50.36418 images/sec

[2024/03/05 09:31:23] ppcls INFO: [Eval][Epoch 106][Avg]CELoss: 0.21480, loss: 0.21480, top1: 0.93750

[2024/03/05 09:31:23] ppcls INFO: [Eval][Epoch 106][best metric: 0.9453125]

[2024/03/05 09:31:24] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_106

[2024/03/05 09:31:24] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:31:26] ppcls INFO: [Train][Epoch 107/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.87500, CELoss: 0.37576, loss: 0.37576, batch\_cost: 1.55515s, reader\_cost: 1.34505, ips: 41.15354 samples/s, eta: 0:03:15

[2024/03/05 09:31:37] ppcls INFO: [Train][Epoch 107/120][Avg]top1: 0.86111, CELoss: 0.42772, loss: 0.42772

[2024/03/05 09:31:39] ppcls INFO: [Eval][Epoch 107][Iter: 0/3]CELoss: 0.28541, loss: 0.28541, top1: 0.93750, batch\_cost: 1.35398s, reader\_cost: 1.20547, ips: 47.26819 images/sec

[2024/03/05 09:31:41] ppcls INFO: [Eval][Epoch 107][Avg]CELoss: 0.21839, loss: 0.21839, top1: 0.93750

[2024/03/05 09:31:41] ppcls INFO: [Eval][Epoch 107][best metric: 0.9453125]

[2024/03/05 09:31:41] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_107

[2024/03/05 09:31:42] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:31:43] ppcls INFO: [Train][Epoch 108/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.79688, CELoss: 0.50551, loss: 0.50551, batch\_cost: 1.45913s, reader\_cost: 1.28189, ips: 43.86166 samples/s, eta: 0:02:50

[2024/03/05 09:31:55] ppcls INFO: [Train][Epoch 108/120][Avg]top1: 0.85764, CELoss: 0.43915, loss: 0.43915

[2024/03/05 09:31:56] ppcls INFO: [Eval][Epoch 108][Iter: 0/3]CELoss: 0.29389, loss: 0.29389, top1: 0.92188, batch\_cost: 1.31649s, reader\_cost: 1.21483, ips: 48.61413 images/sec

[2024/03/05 09:31:59] ppcls INFO: [Eval][Epoch 108][Avg]CELoss: 0.22222, loss: 0.22222, top1: 0.94531

[2024/03/05 09:31:59] ppcls INFO: [Eval][Epoch 108][best metric: 0.9453125]

[2024/03/05 09:31:59] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_108

[2024/03/05 09:32:00] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:32:02] ppcls INFO: [Train][Epoch 109/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.84375, CELoss: 0.52813, loss: 0.52813, batch\_cost: 1.47869s, reader\_cost: 1.29053, ips: 43.28166 samples/s, eta: 0:02:39

[2024/03/05 09:32:13] ppcls INFO: [Train][Epoch 109/120][Avg]top1: 0.86806, CELoss: 0.42457, loss: 0.42457

[2024/03/05 09:32:14] ppcls INFO: [Eval][Epoch 109][Iter: 0/3]CELoss: 0.29980, loss: 0.29980, top1: 0.92188, batch\_cost: 1.35863s, reader\_cost: 1.21511, ips: 47.10614 images/sec

[2024/03/05 09:32:17] ppcls INFO: [Eval][Epoch 109][Avg]CELoss: 0.22448, loss: 0.22448, top1: 0.93750

[2024/03/05 09:32:17] ppcls INFO: [Eval][Epoch 109][best metric: 0.9453125]

[2024/03/05 09:32:17] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_109

[2024/03/05 09:32:17] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:32:19] ppcls INFO: [Train][Epoch 110/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.92188, CELoss: 0.38347, loss: 0.38347, batch\_cost: 1.45146s, reader\_cost: 1.24937, ips: 44.09365 samples/s, eta: 0:02:23

[2024/03/05 09:32:31] ppcls INFO: [Train][Epoch 110/120][Avg]top1: 0.88542, CELoss: 0.37553, loss: 0.37553

[2024/03/05 09:32:32] ppcls INFO: [Eval][Epoch 110][Iter: 0/3]CELoss: 0.29258, loss: 0.29258, top1: 0.92188, batch\_cost: 1.35317s, reader\_cost: 1.23158, ips: 47.29626 images/sec

[2024/03/05 09:32:35] ppcls INFO: [Eval][Epoch 110][Avg]CELoss: 0.22156, loss: 0.22156, top1: 0.94531

[2024/03/05 09:32:35] ppcls INFO: [Eval][Epoch 110][best metric: 0.9453125]

[2024/03/05 09:32:35] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_110

[2024/03/05 09:32:35] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:32:37] ppcls INFO: [Train][Epoch 111/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.84375, CELoss: 0.43634, loss: 0.43634, batch\_cost: 1.42897s, reader\_cost: 1.23349, ips: 44.78757 samples/s, eta: 0:02:08

[2024/03/05 09:32:48] ppcls INFO: [Train][Epoch 111/120][Avg]top1: 0.83681, CELoss: 0.45485, loss: 0.45485

[2024/03/05 09:32:50] ppcls INFO: [Eval][Epoch 111][Iter: 0/3]CELoss: 0.29108, loss: 0.29108, top1: 0.93750, batch\_cost: 1.33874s, reader\_cost: 1.19422, ips: 47.80607 images/sec

[2024/03/05 09:32:52] ppcls INFO: [Eval][Epoch 111][Avg]CELoss: 0.22346, loss: 0.22346, top1: 0.94531

[2024/03/05 09:32:52] ppcls INFO: [Eval][Epoch 111][best metric: 0.9453125]

[2024/03/05 09:32:53] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_111

[2024/03/05 09:32:53] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:32:55] ppcls INFO: [Train][Epoch 112/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.81250, CELoss: 0.49718, loss: 0.49718, batch\_cost: 1.54802s, reader\_cost: 1.35158, ips: 41.34303 samples/s, eta: 0:02:05

[2024/03/05 09:33:06] ppcls INFO: [Train][Epoch 112/120][Avg]top1: 0.85417, CELoss: 0.43220, loss: 0.43220

[2024/03/05 09:33:08] ppcls INFO: [Eval][Epoch 112][Iter: 0/3]CELoss: 0.29630, loss: 0.29630, top1: 0.93750, batch\_cost: 1.32758s, reader\_cost: 1.23389, ips: 48.20798 images/sec

[2024/03/05 09:33:10] ppcls INFO: [Eval][Epoch 112][Avg]CELoss: 0.22678, loss: 0.22678, top1: 0.94531

[2024/03/05 09:33:10] ppcls INFO: [Eval][Epoch 112][best metric: 0.9453125]

[2024/03/05 09:33:11] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_112

[2024/03/05 09:33:11] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:33:13] ppcls INFO: [Train][Epoch 113/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.84375, CELoss: 0.45248, loss: 0.45248, batch\_cost: 1.43018s, reader\_cost: 1.23264, ips: 44.74975 samples/s, eta: 0:01:42

[2024/03/05 09:33:24] ppcls INFO: [Train][Epoch 113/120][Avg]top1: 0.85243, CELoss: 0.42552, loss: 0.42552

[2024/03/05 09:33:26] ppcls INFO: [Eval][Epoch 113][Iter: 0/3]CELoss: 0.30083, loss: 0.30083, top1: 0.93750, batch\_cost: 1.28334s, reader\_cost: 1.23549, ips: 49.87002 images/sec

[2024/03/05 09:33:28] ppcls INFO: [Eval][Epoch 113][Avg]CELoss: 0.23222, loss: 0.23222, top1: 0.92188

[2024/03/05 09:33:28] ppcls INFO: [Eval][Epoch 113][best metric: 0.9453125]

[2024/03/05 09:33:29] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_113

[2024/03/05 09:33:29] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:33:31] ppcls INFO: [Train][Epoch 114/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.85938, CELoss: 0.36834, loss: 0.36834, batch\_cost: 1.41863s, reader\_cost: 1.20673, ips: 45.11403 samples/s, eta: 0:01:29

[2024/03/05 09:33:42] ppcls INFO: [Train][Epoch 114/120][Avg]top1: 0.85764, CELoss: 0.39302, loss: 0.39302

[2024/03/05 09:33:43] ppcls INFO: [Eval][Epoch 114][Iter: 0/3]CELoss: 0.29563, loss: 0.29563, top1: 0.92188, batch\_cost: 1.28259s, reader\_cost: 1.23375, ips: 49.89917 images/sec

[2024/03/05 09:33:46] ppcls INFO: [Eval][Epoch 114][Avg]CELoss: 0.22681, loss: 0.22681, top1: 0.92969

[2024/03/05 09:33:46] ppcls INFO: [Eval][Epoch 114][best metric: 0.9453125]

[2024/03/05 09:33:46] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_114

[2024/03/05 09:33:47] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:33:48] ppcls INFO: [Train][Epoch 115/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.79688, CELoss: 0.46758, loss: 0.46758, batch\_cost: 1.39322s, reader\_cost: 1.18392, ips: 45.93678 samples/s, eta: 0:01:15

[2024/03/05 09:34:00] ppcls INFO: [Train][Epoch 115/120][Avg]top1: 0.84722, CELoss: 0.41579, loss: 0.41579

[2024/03/05 09:34:01] ppcls INFO: [Eval][Epoch 115][Iter: 0/3]CELoss: 0.29323, loss: 0.29323, top1: 0.93750, batch\_cost: 1.34705s, reader\_cost: 1.21089, ips: 47.51110 images/sec

[2024/03/05 09:34:04] ppcls INFO: [Eval][Epoch 115][Avg]CELoss: 0.22444, loss: 0.22444, top1: 0.95312

[2024/03/05 09:34:04] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 09:34:04] ppcls INFO: [Eval][Epoch 115][best metric: 0.953125]

[2024/03/05 09:34:05] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_115

[2024/03/05 09:34:05] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:34:06] ppcls INFO: [Train][Epoch 116/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.82812, CELoss: 0.47806, loss: 0.47806, batch\_cost: 1.34597s, reader\_cost: 1.17992, ips: 47.54931 samples/s, eta: 0:01:00

[2024/03/05 09:34:18] ppcls INFO: [Train][Epoch 116/120][Avg]top1: 0.83333, CELoss: 0.43231, loss: 0.43231

[2024/03/05 09:34:20] ppcls INFO: [Eval][Epoch 116][Iter: 0/3]CELoss: 0.28409, loss: 0.28409, top1: 0.92188, batch\_cost: 1.27349s, reader\_cost: 1.22565, ips: 50.25575 images/sec

[2024/03/05 09:34:22] ppcls INFO: [Eval][Epoch 116][Avg]CELoss: 0.21809, loss: 0.21809, top1: 0.94531

[2024/03/05 09:34:22] ppcls INFO: [Eval][Epoch 116][best metric: 0.953125]

[2024/03/05 09:34:22] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_116

[2024/03/05 09:34:23] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:34:24] ppcls INFO: [Train][Epoch 117/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.90625, CELoss: 0.34711, loss: 0.34711, batch\_cost: 1.55580s, reader\_cost: 1.35039, ips: 41.13633 samples/s, eta: 0:00:56

[2024/03/05 09:34:36] ppcls INFO: [Train][Epoch 117/120][Avg]top1: 0.84028, CELoss: 0.43861, loss: 0.43861

[2024/03/05 09:34:37] ppcls INFO: [Eval][Epoch 117][Iter: 0/3]CELoss: 0.29332, loss: 0.29332, top1: 0.92188, batch\_cost: 1.28637s, reader\_cost: 1.23853, ips: 49.75241 images/sec

[2024/03/05 09:34:40] ppcls INFO: [Eval][Epoch 117][Avg]CELoss: 0.22336, loss: 0.22336, top1: 0.93750

[2024/03/05 09:34:40] ppcls INFO: [Eval][Epoch 117][best metric: 0.953125]

[2024/03/05 09:34:42] ppcls INFO: [Train][Epoch 118/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.84375, CELoss: 0.44494, loss: 0.44494, batch\_cost: 1.44738s, reader\_cost: 1.24944, ips: 44.21775 samples/s, eta: 0:00:39

[2024/03/05 09:34:54] ppcls INFO: [Train][Epoch 118/120][Avg]top1: 0.84201, CELoss: 0.45398, loss: 0.45398

[2024/03/05 09:34:55] ppcls INFO: [Eval][Epoch 118][Iter: 0/3]CELoss: 0.28666, loss: 0.28666, top1: 0.93750, batch\_cost: 1.37945s, reader\_cost: 1.23594, ips: 46.39517 images/sec

[2024/03/05 09:34:58] ppcls INFO: [Eval][Epoch 118][Avg]CELoss: 0.22189, loss: 0.22189, top1: 0.94531

[2024/03/05 09:34:58] ppcls INFO: [Eval][Epoch 118][best metric: 0.953125]

[2024/03/05 09:34:58] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:35:00] ppcls INFO: [Train][Epoch 119/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.82812, CELoss: 0.53730, loss: 0.53730, batch\_cost: 1.48649s, reader\_cost: 1.27372, ips: 43.05442 samples/s, eta: 0:00:26

[2024/03/05 09:35:12] ppcls INFO: [Train][Epoch 119/120][Avg]top1: 0.84896, CELoss: 0.43075, loss: 0.43075

[2024/03/05 09:35:13] ppcls INFO: [Eval][Epoch 119][Iter: 0/3]CELoss: 0.28459, loss: 0.28459, top1: 0.93750, batch\_cost: 1.41998s, reader\_cost: 1.26948, ips: 45.07115 images/sec

[2024/03/05 09:35:16] ppcls INFO: [Eval][Epoch 119][Avg]CELoss: 0.22199, loss: 0.22199, top1: 0.92969

[2024/03/05 09:35:16] ppcls INFO: [Eval][Epoch 119][best metric: 0.953125]

[2024/03/05 09:35:16] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

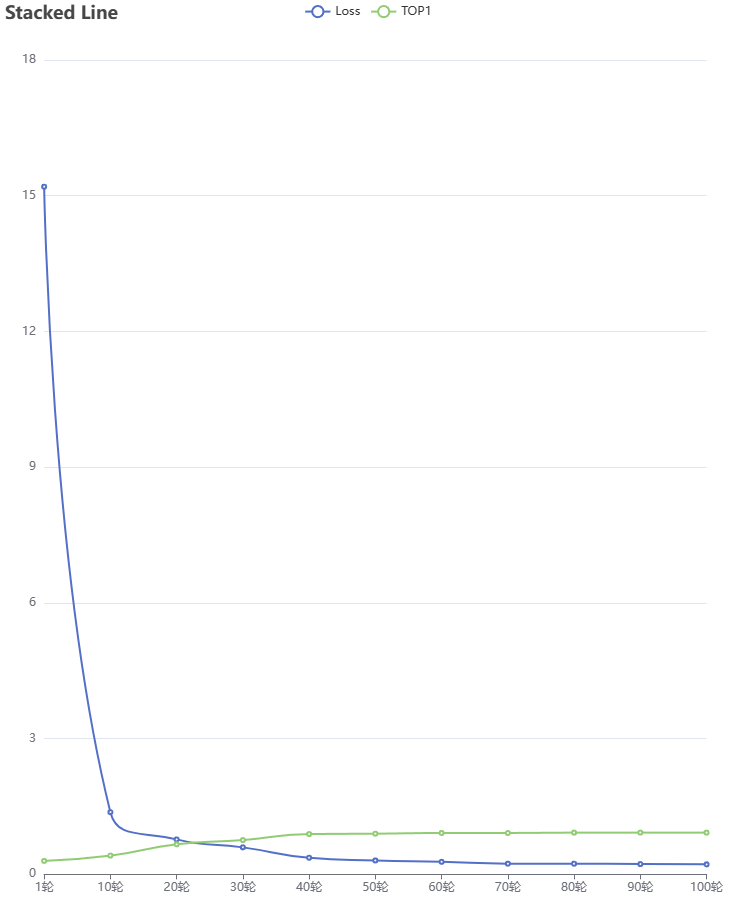
[2024/03/05 09:35:18] ppcls INFO: [Train][Epoch 120/120][Iter: 0/9]lr(PiecewiseDecay): 0.00010000, top1: 0.82812, CELoss: 0.48542, loss: 0.48542, batch\_cost: 1.49133s, reader\_cost: 1.27724, ips: 42.91466 samples/s, eta: 0:00:13

[2024/03/05 09:35:30] ppcls INFO: [Train][Epoch 120/120][Avg]top1: 0.85764, CELoss: 0.43184, loss: 0.43184

[2024/03/05 09:35:31] ppcls INFO: [Eval][Epoch 120][Iter: 0/3]CELoss: 0.27307, loss: 0.27307, top1: 0.93750, batch\_cost: 1.32244s, reader\_cost: 1.21979, ips: 48.39531 images/sec

[2024/03/05 09:35:34] ppcls INFO: [Eval][Epoch 120][Avg]CELoss: 0.21710, loss: 0.21710, top1: 0.92969

[2024/03/05 09:35:34] ppcls INFO: [Eval][Epoch 120][best metric: 0.953125]



##### 1.5.2.8 ResNet50-32

[2024/03/05 09:43:35] ppcls INFO: [Train][Epoch 1/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.18750, CELoss: 1.87092, loss: 1.87092, batch\_cost: 2.98813s, reader\_cost: 0.76517, ips: 10.70904 samples/s, eta: 1:53:32

[2024/03/05 09:43:40] ppcls INFO: [Train][Epoch 1/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.25852, CELoss: 19.90511, loss: 19.90511, batch\_cost: 0.69705s, reader\_cost: 0.59957, ips: 45.90757 samples/s, eta: 0:26:22

[2024/03/05 09:43:46] ppcls INFO: [Train][Epoch 1/120][Avg]top1: 0.29276, CELoss: 16.51907, loss: 16.51907

[2024/03/05 09:43:46] ppcls WARNING: The output dims(4) is less than k(5), and the argument 5 of Topk has been removed.

[2024/03/05 09:43:46] ppcls INFO: [Eval][Epoch 1][Iter: 0/5]CELoss: 0.00000, loss: 0.00000, top1: 1.00000, batch\_cost: 0.59968s, reader\_cost: 0.57078, ips: 53.36199 images/sec

[2024/03/05 09:43:50] ppcls INFO: [Eval][Epoch 1][Avg]CELoss: 1068718.00000, loss: 1068718.00000, top1: 0.29688

[2024/03/05 09:43:50] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 09:43:50] ppcls INFO: [Eval][Epoch 1][best metric: 0.296875]

[2024/03/05 09:43:50] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_1

[2024/03/05 09:43:51] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:43:52] ppcls INFO: [Train][Epoch 2/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.18750, CELoss: 23.84793, loss: 23.84793, batch\_cost: 0.71832s, reader\_cost: 0.60255, ips: 44.54842 samples/s, eta: 0:27:04

[2024/03/05 09:43:58] ppcls INFO: [Train][Epoch 2/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.34091, CELoss: 6.26927, loss: 6.26927, batch\_cost: 0.67770s, reader\_cost: 0.59356, ips: 47.21855 samples/s, eta: 0:25:25

[2024/03/05 09:44:04] ppcls INFO: [Train][Epoch 2/120][Avg]top1: 0.34046, CELoss: 8.26989, loss: 8.26989

[2024/03/05 09:44:05] ppcls INFO: [Eval][Epoch 2][Iter: 0/5]CELoss: 0.02648, loss: 0.02648, top1: 1.00000, batch\_cost: 0.62812s, reader\_cost: 0.58627, ips: 50.94559 images/sec

[2024/03/05 09:44:08] ppcls INFO: [Eval][Epoch 2][Avg]CELoss: 279.50007, loss: 279.50007, top1: 0.28906

[2024/03/05 09:44:08] ppcls INFO: [Eval][Epoch 2][best metric: 0.296875]

[2024/03/05 09:44:08] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_2

[2024/03/05 09:44:09] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:44:10] ppcls INFO: [Train][Epoch 3/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.37500, CELoss: 1.43615, loss: 1.43615, batch\_cost: 0.73078s, reader\_cost: 0.61842, ips: 43.78902 samples/s, eta: 0:27:18

[2024/03/05 09:44:16] ppcls INFO: [Train][Epoch 3/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.32386, CELoss: 1.53331, loss: 1.53331, batch\_cost: 0.67869s, reader\_cost: 0.57914, ips: 47.14956 samples/s, eta: 0:25:14

[2024/03/05 09:44:22] ppcls INFO: [Train][Epoch 3/120][Avg]top1: 0.35855, CELoss: 2.31265, loss: 2.31265

[2024/03/05 09:44:23] ppcls INFO: [Eval][Epoch 3][Iter: 0/5]CELoss: 1.93302, loss: 1.93302, top1: 0.03125, batch\_cost: 0.62065s, reader\_cost: 0.57480, ips: 51.55873 images/sec

[2024/03/05 09:44:26] ppcls INFO: [Eval][Epoch 3][Avg]CELoss: 1.33111, loss: 1.33111, top1: 0.46875

[2024/03/05 09:44:26] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 09:44:26] ppcls INFO: [Eval][Epoch 3][best metric: 0.46875]

[2024/03/05 09:44:27] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_3

[2024/03/05 09:44:27] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:44:28] ppcls INFO: [Train][Epoch 4/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.21875, CELoss: 5.83482, loss: 5.83482, batch\_cost: 0.71904s, reader\_cost: 0.60417, ips: 44.50399 samples/s, eta: 0:26:38

[2024/03/05 09:44:35] ppcls INFO: [Train][Epoch 4/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.40625, CELoss: 3.04281, loss: 3.04281, batch\_cost: 0.72969s, reader\_cost: 0.63691, ips: 43.85409 samples/s, eta: 0:26:54

[2024/03/05 09:44:41] ppcls INFO: [Train][Epoch 4/120][Avg]top1: 0.40625, CELoss: 2.83534, loss: 2.83534

[2024/03/05 09:44:41] ppcls INFO: [Eval][Epoch 4][Iter: 0/5]CELoss: 1.97525, loss: 1.97525, top1: 0.03125, batch\_cost: 0.63589s, reader\_cost: 0.59502, ips: 50.32336 images/sec

[2024/03/05 09:44:45] ppcls INFO: [Eval][Epoch 4][Avg]CELoss: 1.48889, loss: 1.48889, top1: 0.09375

[2024/03/05 09:44:45] ppcls INFO: [Eval][Epoch 4][best metric: 0.46875]

[2024/03/05 09:44:45] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_4

[2024/03/05 09:44:45] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:44:46] ppcls INFO: [Train][Epoch 5/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.31250, CELoss: 1.26141, loss: 1.26141, batch\_cost: 0.74059s, reader\_cost: 0.62622, ips: 43.20890 samples/s, eta: 0:27:12

[2024/03/05 09:44:53] ppcls INFO: [Train][Epoch 5/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.35511, CELoss: 2.19296, loss: 2.19296, batch\_cost: 0.71502s, reader\_cost: 0.59618, ips: 44.75421 samples/s, eta: 0:26:08

[2024/03/05 09:44:59] ppcls INFO: [Train][Epoch 5/120][Avg]top1: 0.36184, CELoss: 2.41495, loss: 2.41495

[2024/03/05 09:44:59] ppcls INFO: [Eval][Epoch 5][Iter: 0/5]CELoss: 0.60437, loss: 0.60437, top1: 0.62500, batch\_cost: 0.61827s, reader\_cost: 0.59036, ips: 51.75747 images/sec

[2024/03/05 09:45:03] ppcls INFO: [Eval][Epoch 5][Avg]CELoss: 1.28750, loss: 1.28750, top1: 0.58594

[2024/03/05 09:45:03] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 09:45:03] ppcls INFO: [Eval][Epoch 5][best metric: 0.5859375]

[2024/03/05 09:45:03] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_5

[2024/03/05 09:45:04] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:45:05] ppcls INFO: [Train][Epoch 6/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.40625, CELoss: 1.90717, loss: 1.90717, batch\_cost: 0.72913s, reader\_cost: 0.59638, ips: 43.88766 samples/s, eta: 0:26:33

[2024/03/05 09:45:11] ppcls INFO: [Train][Epoch 6/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.43750, CELoss: 1.86996, loss: 1.86996, batch\_cost: 0.69111s, reader\_cost: 0.59217, ips: 46.30259 samples/s, eta: 0:25:03

[2024/03/05 09:45:17] ppcls INFO: [Train][Epoch 6/120][Avg]top1: 0.43421, CELoss: 1.94480, loss: 1.94480

[2024/03/05 09:45:18] ppcls INFO: [Eval][Epoch 6][Iter: 0/5]CELoss: 4.54631, loss: 4.54631, top1: 0.03125, batch\_cost: 0.64888s, reader\_cost: 0.60401, ips: 49.31591 images/sec

[2024/03/05 09:45:21] ppcls INFO: [Eval][Epoch 6][Avg]CELoss: 2.50519, loss: 2.50519, top1: 0.43750

[2024/03/05 09:45:21] ppcls INFO: [Eval][Epoch 6][best metric: 0.5859375]

[2024/03/05 09:45:22] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_6

[2024/03/05 09:45:22] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:45:23] ppcls INFO: [Train][Epoch 7/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.53125, CELoss: 2.21183, loss: 2.21183, batch\_cost: 0.74888s, reader\_cost: 0.63854, ips: 42.73076 samples/s, eta: 0:27:02

[2024/03/05 09:45:30] ppcls INFO: [Train][Epoch 7/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.47727, CELoss: 1.88641, loss: 1.88641, batch\_cost: 0.70684s, reader\_cost: 0.61298, ips: 45.27216 samples/s, eta: 0:25:23

[2024/03/05 09:45:36] ppcls INFO: [Train][Epoch 7/120][Avg]top1: 0.45559, CELoss: 2.53872, loss: 2.53872

[2024/03/05 09:45:36] ppcls INFO: [Eval][Epoch 7][Iter: 0/5]CELoss: 1.67638, loss: 1.67638, top1: 0.03125, batch\_cost: 0.65783s, reader\_cost: 0.60999, ips: 48.64509 images/sec

[2024/03/05 09:45:39] ppcls INFO: [Eval][Epoch 7][Avg]CELoss: 1.34546, loss: 1.34546, top1: 0.42188

[2024/03/05 09:45:39] ppcls INFO: [Eval][Epoch 7][best metric: 0.5859375]

[2024/03/05 09:45:40] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_7

[2024/03/05 09:45:40] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:45:41] ppcls INFO: [Train][Epoch 8/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.46875, CELoss: 1.27544, loss: 1.27544, batch\_cost: 0.73252s, reader\_cost: 0.61239, ips: 43.68486 samples/s, eta: 0:26:12

[2024/03/05 09:45:48] ppcls INFO: [Train][Epoch 8/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.43466, CELoss: 1.51268, loss: 1.51268, batch\_cost: 0.65737s, reader\_cost: 0.56694, ips: 48.67869 samples/s, eta: 0:23:24

[2024/03/05 09:45:54] ppcls INFO: [Train][Epoch 8/120][Avg]top1: 0.44737, CELoss: 1.64795, loss: 1.64795

[2024/03/05 09:45:54] ppcls INFO: [Eval][Epoch 8][Iter: 0/5]CELoss: 1.62372, loss: 1.62372, top1: 0.03125, batch\_cost: 0.63690s, reader\_cost: 0.60800, ips: 50.24324 images/sec

[2024/03/05 09:45:57] ppcls INFO: [Eval][Epoch 8][Avg]CELoss: 1.21228, loss: 1.21228, top1: 0.43750

[2024/03/05 09:45:57] ppcls INFO: [Eval][Epoch 8][best metric: 0.5859375]

[2024/03/05 09:45:58] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_8

[2024/03/05 09:45:58] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:45:59] ppcls INFO: [Train][Epoch 9/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.40625, CELoss: 1.21986, loss: 1.21986, batch\_cost: 0.70759s, reader\_cost: 0.61448, ips: 45.22401 samples/s, eta: 0:25:05

[2024/03/05 09:46:06] ppcls INFO: [Train][Epoch 9/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.44886, CELoss: 1.46868, loss: 1.46868, batch\_cost: 0.69272s, reader\_cost: 0.59448, ips: 46.19461 samples/s, eta: 0:24:27

[2024/03/05 09:46:12] ppcls INFO: [Train][Epoch 9/120][Avg]top1: 0.46382, CELoss: 1.34930, loss: 1.34930

[2024/03/05 09:46:12] ppcls INFO: [Eval][Epoch 9][Iter: 0/5]CELoss: 2.01911, loss: 2.01911, top1: 0.09375, batch\_cost: 0.65680s, reader\_cost: 0.61494, ips: 48.72142 images/sec

[2024/03/05 09:46:16] ppcls INFO: [Eval][Epoch 9][Avg]CELoss: 1.20531, loss: 1.20531, top1: 0.45312

[2024/03/05 09:46:16] ppcls INFO: [Eval][Epoch 9][best metric: 0.5859375]

[2024/03/05 09:46:16] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_9

[2024/03/05 09:46:16] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:46:17] ppcls INFO: [Train][Epoch 10/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.43750, CELoss: 1.11393, loss: 1.11393, batch\_cost: 0.72186s, reader\_cost: 0.61643, ips: 44.33021 samples/s, eta: 0:25:22

[2024/03/05 09:46:24] ppcls INFO: [Train][Epoch 10/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.48864, CELoss: 1.34371, loss: 1.34371, batch\_cost: 0.70435s, reader\_cost: 0.61083, ips: 45.43174 samples/s, eta: 0:24:38

[2024/03/05 09:46:30] ppcls INFO: [Train][Epoch 10/120][Avg]top1: 0.49836, CELoss: 1.25115, loss: 1.25115

[2024/03/05 09:46:30] ppcls INFO: [Eval][Epoch 10][Iter: 0/5]CELoss: 1.34870, loss: 1.34870, top1: 0.18750, batch\_cost: 0.62392s, reader\_cost: 0.59502, ips: 51.28837 images/sec

[2024/03/05 09:46:34] ppcls INFO: [Eval][Epoch 10][Avg]CELoss: 1.13003, loss: 1.13003, top1: 0.49219

[2024/03/05 09:46:34] ppcls INFO: [Eval][Epoch 10][best metric: 0.5859375]

[2024/03/05 09:46:34] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_10

[2024/03/05 09:46:34] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:46:35] ppcls INFO: [Train][Epoch 11/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.46875, CELoss: 2.25336, loss: 2.25336, batch\_cost: 0.71490s, reader\_cost: 0.59984, ips: 44.76162 samples/s, eta: 0:24:54

[2024/03/05 09:46:42] ppcls INFO: [Train][Epoch 11/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.55114, CELoss: 1.12004, loss: 1.12004, batch\_cost: 0.66534s, reader\_cost: 0.56268, ips: 48.09607 samples/s, eta: 0:23:03

[2024/03/05 09:46:48] ppcls INFO: [Train][Epoch 11/120][Avg]top1: 0.56250, CELoss: 1.07857, loss: 1.07857

[2024/03/05 09:46:48] ppcls INFO: [Eval][Epoch 11][Iter: 0/5]CELoss: 1.33208, loss: 1.33208, top1: 0.09375, batch\_cost: 0.63727s, reader\_cost: 0.60936, ips: 50.21437 images/sec

[2024/03/05 09:46:51] ppcls INFO: [Eval][Epoch 11][Avg]CELoss: 0.95652, loss: 0.95652, top1: 0.49219

[2024/03/05 09:46:51] ppcls INFO: [Eval][Epoch 11][best metric: 0.5859375]

[2024/03/05 09:46:52] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_11

[2024/03/05 09:46:52] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:46:53] ppcls INFO: [Train][Epoch 12/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.46875, CELoss: 1.09758, loss: 1.09758, batch\_cost: 0.69736s, reader\_cost: 0.58829, ips: 45.88717 samples/s, eta: 0:24:04

[2024/03/05 09:47:00] ppcls INFO: [Train][Epoch 12/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.56818, CELoss: 1.05269, loss: 1.05269, batch\_cost: 0.74804s, reader\_cost: 0.64937, ips: 42.77850 samples/s, eta: 0:25:41

[2024/03/05 09:47:05] ppcls INFO: [Train][Epoch 12/120][Avg]top1: 0.56414, CELoss: 1.03503, loss: 1.03503

[2024/03/05 09:47:06] ppcls INFO: [Eval][Epoch 12][Iter: 0/5]CELoss: 0.55895, loss: 0.55895, top1: 0.93750, batch\_cost: 0.64086s, reader\_cost: 0.59501, ips: 49.93319 images/sec

[2024/03/05 09:47:09] ppcls INFO: [Eval][Epoch 12][Avg]CELoss: 0.68643, loss: 0.68643, top1: 0.77344

[2024/03/05 09:47:10] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 09:47:10] ppcls INFO: [Eval][Epoch 12][best metric: 0.7734375]

[2024/03/05 09:47:10] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_12

[2024/03/05 09:47:10] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:47:11] ppcls INFO: [Train][Epoch 13/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.59375, CELoss: 0.90369, loss: 0.90369, batch\_cost: 0.72988s, reader\_cost: 0.61452, ips: 43.84265 samples/s, eta: 0:24:57

[2024/03/05 09:47:18] ppcls INFO: [Train][Epoch 13/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.59091, CELoss: 0.92399, loss: 0.92399, batch\_cost: 0.69680s, reader\_cost: 0.60706, ips: 45.92416 samples/s, eta: 0:23:42

[2024/03/05 09:47:24] ppcls INFO: [Train][Epoch 13/120][Avg]top1: 0.54605, CELoss: 1.03474, loss: 1.03474

[2024/03/05 09:47:24] ppcls INFO: [Eval][Epoch 13][Iter: 0/5]CELoss: 1.58573, loss: 1.58573, top1: 0.12500, batch\_cost: 0.64404s, reader\_cost: 0.60318, ips: 49.68638 images/sec

[2024/03/05 09:47:28] ppcls INFO: [Eval][Epoch 13][Avg]CELoss: 0.91715, loss: 0.91715, top1: 0.51562

[2024/03/05 09:47:28] ppcls INFO: [Eval][Epoch 13][best metric: 0.7734375]

[2024/03/05 09:47:28] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_13

[2024/03/05 09:47:28] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:47:29] ppcls INFO: [Train][Epoch 14/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.59375, CELoss: 0.92504, loss: 0.92504, batch\_cost: 0.70009s, reader\_cost: 0.58682, ips: 45.70849 samples/s, eta: 0:23:43

[2024/03/05 09:47:36] ppcls INFO: [Train][Epoch 14/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.63352, CELoss: 0.93599, loss: 0.93599, batch\_cost: 0.67914s, reader\_cost: 0.58631, ips: 47.11851 samples/s, eta: 0:22:53

[2024/03/05 09:47:42] ppcls INFO: [Train][Epoch 14/120][Avg]top1: 0.61020, CELoss: 1.06641, loss: 1.06641

[2024/03/05 09:47:42] ppcls INFO: [Eval][Epoch 14][Iter: 0/5]CELoss: 1.11436, loss: 1.11436, top1: 0.56250, batch\_cost: 0.63239s, reader\_cost: 0.58953, ips: 50.60161 images/sec

[2024/03/05 09:47:46] ppcls INFO: [Eval][Epoch 14][Avg]CELoss: 0.80247, loss: 0.80247, top1: 0.62500

[2024/03/05 09:47:46] ppcls INFO: [Eval][Epoch 14][best metric: 0.7734375]

[2024/03/05 09:47:46] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_14

[2024/03/05 09:47:46] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:47:47] ppcls INFO: [Train][Epoch 15/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.56250, CELoss: 1.04752, loss: 1.04752, batch\_cost: 0.73509s, reader\_cost: 0.62501, ips: 43.53222 samples/s, eta: 0:24:40

[2024/03/05 09:47:54] ppcls INFO: [Train][Epoch 15/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.61648, CELoss: 1.04494, loss: 1.04494, batch\_cost: 0.72466s, reader\_cost: 0.62983, ips: 44.15847 samples/s, eta: 0:24:12

[2024/03/05 09:48:00] ppcls INFO: [Train][Epoch 15/120][Avg]top1: 0.58224, CELoss: 1.24434, loss: 1.24434

[2024/03/05 09:48:00] ppcls INFO: [Eval][Epoch 15][Iter: 0/5]CELoss: 1.64354, loss: 1.64354, top1: 0.18750, batch\_cost: 0.64454s, reader\_cost: 0.61763, ips: 49.64782 images/sec

[2024/03/05 09:48:03] ppcls INFO: [Eval][Epoch 15][Avg]CELoss: 1.03639, loss: 1.03639, top1: 0.53125

[2024/03/05 09:48:03] ppcls INFO: [Eval][Epoch 15][best metric: 0.7734375]

[2024/03/05 09:48:04] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_15

[2024/03/05 09:48:04] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:48:05] ppcls INFO: [Train][Epoch 16/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.68750, CELoss: 0.95150, loss: 0.95150, batch\_cost: 0.73932s, reader\_cost: 0.62465, ips: 43.28330 samples/s, eta: 0:24:34

[2024/03/05 09:48:12] ppcls INFO: [Train][Epoch 16/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.62216, CELoss: 1.04444, loss: 1.04444, batch\_cost: 0.73113s, reader\_cost: 0.63703, ips: 43.76759 samples/s, eta: 0:24:11

[2024/03/05 09:48:18] ppcls INFO: [Train][Epoch 16/120][Avg]top1: 0.61678, CELoss: 1.01308, loss: 1.01308

[2024/03/05 09:48:18] ppcls INFO: [Eval][Epoch 16][Iter: 0/5]CELoss: 1.36150, loss: 1.36150, top1: 0.31250, batch\_cost: 0.64584s, reader\_cost: 0.60299, ips: 49.54752 images/sec

[2024/03/05 09:48:22] ppcls INFO: [Eval][Epoch 16][Avg]CELoss: 1.30990, loss: 1.30990, top1: 0.45312

[2024/03/05 09:48:22] ppcls INFO: [Eval][Epoch 16][best metric: 0.7734375]

[2024/03/05 09:48:22] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_16

[2024/03/05 09:48:22] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:48:23] ppcls INFO: [Train][Epoch 17/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.75000, CELoss: 0.88815, loss: 0.88815, batch\_cost: 0.74706s, reader\_cost: 0.63232, ips: 42.83459 samples/s, eta: 0:24:36

[2024/03/05 09:48:30] ppcls INFO: [Train][Epoch 17/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.65341, CELoss: 1.10163, loss: 1.10163, batch\_cost: 0.71203s, reader\_cost: 0.62017, ips: 44.94183 samples/s, eta: 0:23:19

[2024/03/05 09:48:36] ppcls INFO: [Train][Epoch 17/120][Avg]top1: 0.63816, CELoss: 1.15008, loss: 1.15008

[2024/03/05 09:48:36] ppcls INFO: [Eval][Epoch 17][Iter: 0/5]CELoss: 1.03702, loss: 1.03702, top1: 0.62500, batch\_cost: 0.64285s, reader\_cost: 0.61594, ips: 49.77830 images/sec

[2024/03/05 09:48:40] ppcls INFO: [Eval][Epoch 17][Avg]CELoss: 0.85588, loss: 0.85588, top1: 0.67188

[2024/03/05 09:48:40] ppcls INFO: [Eval][Epoch 17][best metric: 0.7734375]

[2024/03/05 09:48:40] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_17

[2024/03/05 09:48:40] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:48:42] ppcls INFO: [Train][Epoch 18/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.75000, CELoss: 0.57665, loss: 0.57665, batch\_cost: 0.73583s, reader\_cost: 0.62699, ips: 43.48843 samples/s, eta: 0:24:00

[2024/03/05 09:48:48] ppcls INFO: [Train][Epoch 18/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.62500, CELoss: 1.04779, loss: 1.04779, batch\_cost: 0.63346s, reader\_cost: 0.53491, ips: 50.51618 samples/s, eta: 0:20:33

[2024/03/05 09:48:54] ppcls INFO: [Train][Epoch 18/120][Avg]top1: 0.63980, CELoss: 1.04532, loss: 1.04532

[2024/03/05 09:48:54] ppcls INFO: [Eval][Epoch 18][Iter: 0/5]CELoss: 0.71014, loss: 0.71014, top1: 0.87500, batch\_cost: 0.64086s, reader\_cost: 0.61196, ips: 49.93264 images/sec

[2024/03/05 09:48:58] ppcls INFO: [Eval][Epoch 18][Avg]CELoss: 0.63758, loss: 0.63758, top1: 0.74219

[2024/03/05 09:48:58] ppcls INFO: [Eval][Epoch 18][best metric: 0.7734375]

[2024/03/05 09:48:58] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_18

[2024/03/05 09:48:58] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:48:59] ppcls INFO: [Train][Epoch 19/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.78125, CELoss: 0.67927, loss: 0.67927, batch\_cost: 0.69236s, reader\_cost: 0.58059, ips: 46.21869 samples/s, eta: 0:22:21

[2024/03/05 09:49:06] ppcls INFO: [Train][Epoch 19/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.68750, CELoss: 0.90088, loss: 0.90088, batch\_cost: 0.68151s, reader\_cost: 0.59388, ips: 46.95486 samples/s, eta: 0:21:53

[2024/03/05 09:49:12] ppcls INFO: [Train][Epoch 19/120][Avg]top1: 0.65789, CELoss: 0.94451, loss: 0.94451

[2024/03/05 09:49:12] ppcls INFO: [Eval][Epoch 19][Iter: 0/5]CELoss: 0.22599, loss: 0.22599, top1: 0.96875, batch\_cost: 0.64316s, reader\_cost: 0.59830, ips: 49.75468 images/sec

[2024/03/05 09:49:16] ppcls INFO: [Eval][Epoch 19][Avg]CELoss: 0.58420, loss: 0.58420, top1: 0.71094

[2024/03/05 09:49:16] ppcls INFO: [Eval][Epoch 19][best metric: 0.7734375]

[2024/03/05 09:49:16] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_19

[2024/03/05 09:49:16] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:49:17] ppcls INFO: [Train][Epoch 20/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.50000, CELoss: 0.95964, loss: 0.95964, batch\_cost: 0.74084s, reader\_cost: 0.62665, ips: 43.19431 samples/s, eta: 0:23:41

[2024/03/05 09:49:24] ppcls INFO: [Train][Epoch 20/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.63352, CELoss: 0.95335, loss: 0.95335, batch\_cost: 0.60974s, reader\_cost: 0.51107, ips: 52.48110 samples/s, eta: 0:19:24

[2024/03/05 09:49:30] ppcls INFO: [Train][Epoch 20/120][Avg]top1: 0.65625, CELoss: 1.00689, loss: 1.00689

[2024/03/05 09:49:30] ppcls INFO: [Eval][Epoch 20][Iter: 0/5]CELoss: 0.71832, loss: 0.71832, top1: 0.84375, batch\_cost: 0.62916s, reader\_cost: 0.60125, ips: 50.86163 images/sec

[2024/03/05 09:49:33] ppcls INFO: [Eval][Epoch 20][Avg]CELoss: 0.57949, loss: 0.57949, top1: 0.81250

[2024/03/05 09:49:34] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 09:49:34] ppcls INFO: [Eval][Epoch 20][best metric: 0.8125]

[2024/03/05 09:49:34] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_20

[2024/03/05 09:49:34] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:49:35] ppcls INFO: [Train][Epoch 21/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.75000, CELoss: 0.69088, loss: 0.69088, batch\_cost: 0.70494s, reader\_cost: 0.59073, ips: 45.39420 samples/s, eta: 0:22:19

[2024/03/05 09:49:42] ppcls INFO: [Train][Epoch 21/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.70455, CELoss: 0.93752, loss: 0.93752, batch\_cost: 0.67105s, reader\_cost: 0.57105, ips: 47.68652 samples/s, eta: 0:21:08

[2024/03/05 09:49:48] ppcls INFO: [Train][Epoch 21/120][Avg]top1: 0.71382, CELoss: 0.84999, loss: 0.84999

[2024/03/05 09:49:48] ppcls INFO: [Eval][Epoch 21][Iter: 0/5]CELoss: 0.52968, loss: 0.52968, top1: 0.90625, batch\_cost: 0.61906s, reader\_cost: 0.59116, ips: 51.69089 images/sec

[2024/03/05 09:49:52] ppcls INFO: [Eval][Epoch 21][Avg]CELoss: 0.47846, loss: 0.47846, top1: 0.85156

[2024/03/05 09:49:52] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 09:49:52] ppcls INFO: [Eval][Epoch 21][best metric: 0.8515625]

[2024/03/05 09:49:53] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_21

[2024/03/05 09:49:53] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:49:54] ppcls INFO: [Train][Epoch 22/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.68750, CELoss: 0.83822, loss: 0.83822, batch\_cost: 0.71981s, reader\_cost: 0.60952, ips: 44.45598 samples/s, eta: 0:22:33

[2024/03/05 09:50:01] ppcls INFO: [Train][Epoch 22/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.69602, CELoss: 0.88241, loss: 0.88241, batch\_cost: 0.66798s, reader\_cost: 0.56605, ips: 47.90560 samples/s, eta: 0:20:49

[2024/03/05 09:50:07] ppcls INFO: [Train][Epoch 22/120][Avg]top1: 0.69079, CELoss: 0.87016, loss: 0.87016

[2024/03/05 09:50:07] ppcls INFO: [Eval][Epoch 22][Iter: 0/5]CELoss: 0.75389, loss: 0.75389, top1: 0.75000, batch\_cost: 0.63089s, reader\_cost: 0.60398, ips: 50.72202 images/sec

[2024/03/05 09:50:10] ppcls INFO: [Eval][Epoch 22][Avg]CELoss: 0.57434, loss: 0.57434, top1: 0.81250

[2024/03/05 09:50:10] ppcls INFO: [Eval][Epoch 22][best metric: 0.8515625]

[2024/03/05 09:50:11] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_22

[2024/03/05 09:50:11] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:50:12] ppcls INFO: [Train][Epoch 23/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.56250, CELoss: 0.82929, loss: 0.82929, batch\_cost: 0.70594s, reader\_cost: 0.59173, ips: 45.32988 samples/s, eta: 0:21:54

[2024/03/05 09:50:19] ppcls INFO: [Train][Epoch 23/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.74716, CELoss: 0.77811, loss: 0.77811, batch\_cost: 0.65892s, reader\_cost: 0.54854, ips: 48.56412 samples/s, eta: 0:20:20

[2024/03/05 09:50:25] ppcls INFO: [Train][Epoch 23/120][Avg]top1: 0.74178, CELoss: 0.79035, loss: 0.79035

[2024/03/05 09:50:25] ppcls INFO: [Eval][Epoch 23][Iter: 0/5]CELoss: 0.61202, loss: 0.61202, top1: 0.78125, batch\_cost: 0.64399s, reader\_cost: 0.59714, ips: 49.69049 images/sec

[2024/03/05 09:50:28] ppcls INFO: [Eval][Epoch 23][Avg]CELoss: 0.48907, loss: 0.48907, top1: 0.85156

[2024/03/05 09:50:28] ppcls INFO: [Eval][Epoch 23][best metric: 0.8515625]

[2024/03/05 09:50:29] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_23

[2024/03/05 09:50:29] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:50:30] ppcls INFO: [Train][Epoch 24/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.68750, CELoss: 0.69724, loss: 0.69724, batch\_cost: 0.68687s, reader\_cost: 0.57649, ips: 46.58833 samples/s, eta: 0:21:05

[2024/03/05 09:50:37] ppcls INFO: [Train][Epoch 24/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.78409, CELoss: 0.65756, loss: 0.65756, batch\_cost: 0.71492s, reader\_cost: 0.61143, ips: 44.76049 samples/s, eta: 0:21:50

[2024/03/05 09:50:43] ppcls INFO: [Train][Epoch 24/120][Avg]top1: 0.76645, CELoss: 0.79539, loss: 0.79539

[2024/03/05 09:50:43] ppcls INFO: [Eval][Epoch 24][Iter: 0/5]CELoss: 0.67577, loss: 0.67577, top1: 0.59375, batch\_cost: 0.64983s, reader\_cost: 0.60797, ips: 49.24395 images/sec

[2024/03/05 09:50:46] ppcls INFO: [Eval][Epoch 24][Avg]CELoss: 0.49655, loss: 0.49655, top1: 0.78125

[2024/03/05 09:50:46] ppcls INFO: [Eval][Epoch 24][best metric: 0.8515625]

[2024/03/05 09:50:47] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_24

[2024/03/05 09:50:47] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:50:48] ppcls INFO: [Train][Epoch 25/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.78125, CELoss: 0.48786, loss: 0.48786, batch\_cost: 0.72677s, reader\_cost: 0.62086, ips: 44.03042 samples/s, eta: 0:22:05

[2024/03/05 09:50:55] ppcls INFO: [Train][Epoch 25/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.78409, CELoss: 0.60995, loss: 0.60995, batch\_cost: 0.69720s, reader\_cost: 0.59505, ips: 45.89768 samples/s, eta: 0:21:04

[2024/03/05 09:51:01] ppcls INFO: [Train][Epoch 25/120][Avg]top1: 0.77796, CELoss: 0.66604, loss: 0.66604

[2024/03/05 09:51:01] ppcls INFO: [Eval][Epoch 25][Iter: 0/5]CELoss: 0.57615, loss: 0.57615, top1: 0.84375, batch\_cost: 0.63151s, reader\_cost: 0.60360, ips: 50.67252 images/sec

[2024/03/05 09:51:05] ppcls INFO: [Eval][Epoch 25][Avg]CELoss: 0.41602, loss: 0.41602, top1: 0.89062

[2024/03/05 09:51:05] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 09:51:05] ppcls INFO: [Eval][Epoch 25][best metric: 0.890625]

[2024/03/05 09:51:05] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_25

[2024/03/05 09:51:06] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:51:07] ppcls INFO: [Train][Epoch 26/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.75000, CELoss: 0.59987, loss: 0.59987, batch\_cost: 0.72404s, reader\_cost: 0.59485, ips: 44.19656 samples/s, eta: 0:21:46

[2024/03/05 09:51:13] ppcls INFO: [Train][Epoch 26/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.72727, CELoss: 0.68957, loss: 0.68957, batch\_cost: 0.72838s, reader\_cost: 0.63353, ips: 43.93308 samples/s, eta: 0:21:47

[2024/03/05 09:51:19] ppcls INFO: [Train][Epoch 26/120][Avg]top1: 0.72697, CELoss: 0.70254, loss: 0.70254

[2024/03/05 09:51:20] ppcls INFO: [Eval][Epoch 26][Iter: 0/5]CELoss: 1.19756, loss: 1.19756, top1: 0.34375, batch\_cost: 0.63974s, reader\_cost: 0.59689, ips: 50.01993 images/sec

[2024/03/05 09:51:23] ppcls INFO: [Eval][Epoch 26][Avg]CELoss: 0.61154, loss: 0.61154, top1: 0.75000

[2024/03/05 09:51:23] ppcls INFO: [Eval][Epoch 26][best metric: 0.890625]

[2024/03/05 09:51:23] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_26

[2024/03/05 09:51:24] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:51:25] ppcls INFO: [Train][Epoch 27/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.81250, CELoss: 0.47910, loss: 0.47910, batch\_cost: 0.72637s, reader\_cost: 0.61777, ips: 44.05493 samples/s, eta: 0:21:37

[2024/03/05 09:51:31] ppcls INFO: [Train][Epoch 27/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.79545, CELoss: 0.55978, loss: 0.55978, batch\_cost: 0.67450s, reader\_cost: 0.57023, ips: 47.44284 samples/s, eta: 0:19:57

[2024/03/05 09:51:37] ppcls INFO: [Train][Epoch 27/120][Avg]top1: 0.77467, CELoss: 0.59218, loss: 0.59218

[2024/03/05 09:51:38] ppcls INFO: [Eval][Epoch 27][Iter: 0/5]CELoss: 0.47635, loss: 0.47635, top1: 0.87500, batch\_cost: 0.60683s, reader\_cost: 0.57992, ips: 52.73290 images/sec

[2024/03/05 09:51:41] ppcls INFO: [Eval][Epoch 27][Avg]CELoss: 0.41218, loss: 0.41218, top1: 0.89062

[2024/03/05 09:51:41] ppcls INFO: [Eval][Epoch 27][best metric: 0.890625]

[2024/03/05 09:51:41] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_27

[2024/03/05 09:51:42] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:51:43] ppcls INFO: [Train][Epoch 28/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.87500, CELoss: 0.45435, loss: 0.45435, batch\_cost: 0.70918s, reader\_cost: 0.59068, ips: 45.12275 samples/s, eta: 0:20:53

[2024/03/05 09:51:50] ppcls INFO: [Train][Epoch 28/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.76989, CELoss: 0.68022, loss: 0.68022, batch\_cost: 0.72453s, reader\_cost: 0.61971, ips: 44.16672 samples/s, eta: 0:21:12

[2024/03/05 09:51:55] ppcls INFO: [Train][Epoch 28/120][Avg]top1: 0.76974, CELoss: 0.64709, loss: 0.64709

[2024/03/05 09:51:56] ppcls INFO: [Eval][Epoch 28][Iter: 0/5]CELoss: 0.25201, loss: 0.25201, top1: 0.93750, batch\_cost: 0.61522s, reader\_cost: 0.58831, ips: 52.01407 images/sec

[2024/03/05 09:51:59] ppcls INFO: [Eval][Epoch 28][Avg]CELoss: 0.35306, loss: 0.35306, top1: 0.87500

[2024/03/05 09:51:59] ppcls INFO: [Eval][Epoch 28][best metric: 0.890625]

[2024/03/05 09:51:59] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_28

[2024/03/05 09:52:00] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:52:01] ppcls INFO: [Train][Epoch 29/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.81250, CELoss: 0.48599, loss: 0.48599, batch\_cost: 0.70383s, reader\_cost: 0.59257, ips: 45.46578 samples/s, eta: 0:20:30

[2024/03/05 09:52:07] ppcls INFO: [Train][Epoch 29/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.81534, CELoss: 0.47389, loss: 0.47389, batch\_cost: 0.64985s, reader\_cost: 0.55799, ips: 49.24204 samples/s, eta: 0:18:49

[2024/03/05 09:52:13] ppcls INFO: [Train][Epoch 29/120][Avg]top1: 0.77467, CELoss: 0.83901, loss: 0.83901

[2024/03/05 09:52:14] ppcls INFO: [Eval][Epoch 29][Iter: 0/5]CELoss: 1.15464, loss: 1.15464, top1: 0.62500, batch\_cost: 0.62960s, reader\_cost: 0.58873, ips: 50.82615 images/sec

[2024/03/05 09:52:17] ppcls INFO: [Eval][Epoch 29][Avg]CELoss: 0.71444, loss: 0.71444, top1: 0.81250

[2024/03/05 09:52:17] ppcls INFO: [Eval][Epoch 29][best metric: 0.890625]

[2024/03/05 09:52:17] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_29

[2024/03/05 09:52:18] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:52:18] ppcls INFO: [Train][Epoch 30/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.68750, CELoss: 0.96442, loss: 0.96442, batch\_cost: 0.70016s, reader\_cost: 0.61085, ips: 45.70413 samples/s, eta: 0:20:10

[2024/03/05 09:52:26] ppcls INFO: [Train][Epoch 30/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.72727, CELoss: 0.92987, loss: 0.92987, batch\_cost: 0.77025s, reader\_cost: 0.66676, ips: 41.54495 samples/s, eta: 0:22:04

[2024/03/05 09:52:31] ppcls INFO: [Train][Epoch 30/120][Avg]top1: 0.74671, CELoss: 0.85068, loss: 0.85068

[2024/03/05 09:52:32] ppcls INFO: [Eval][Epoch 30][Iter: 0/5]CELoss: 0.99611, loss: 0.99611, top1: 0.65625, batch\_cost: 0.64654s, reader\_cost: 0.60468, ips: 49.49404 images/sec

[2024/03/05 09:52:35] ppcls INFO: [Eval][Epoch 30][Avg]CELoss: 0.47064, loss: 0.47064, top1: 0.82812

[2024/03/05 09:52:35] ppcls INFO: [Eval][Epoch 30][best metric: 0.890625]

[2024/03/05 09:52:35] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_30

[2024/03/05 09:52:35] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:52:37] ppcls INFO: [Train][Epoch 31/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.75000, CELoss: 0.53286, loss: 0.53286, batch\_cost: 0.74234s, reader\_cost: 0.62914, ips: 43.10685 samples/s, eta: 0:21:09

[2024/03/05 09:52:44] ppcls INFO: [Train][Epoch 31/120][Iter: 10/19]lr(PiecewiseDecay): 0.10000000, top1: 0.76420, CELoss: 0.62011, loss: 0.62011, batch\_cost: 0.71030s, reader\_cost: 0.61030, ips: 45.05118 samples/s, eta: 0:20:07

[2024/03/05 09:52:49] ppcls INFO: [Train][Epoch 31/120][Avg]top1: 0.74342, CELoss: 0.67336, loss: 0.67336

[2024/03/05 09:52:50] ppcls INFO: [Eval][Epoch 31][Iter: 0/5]CELoss: 0.44937, loss: 0.44937, top1: 0.93750, batch\_cost: 0.61823s, reader\_cost: 0.59132, ips: 51.76090 images/sec

[2024/03/05 09:52:53] ppcls INFO: [Eval][Epoch 31][Avg]CELoss: 0.45676, loss: 0.45676, top1: 0.89844

[2024/03/05 09:52:53] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 09:52:53] ppcls INFO: [Eval][Epoch 31][best metric: 0.8984375]

[2024/03/05 09:52:53] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_31

[2024/03/05 09:52:54] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:52:55] ppcls INFO: [Train][Epoch 32/120][Iter: 0/19]lr(PiecewiseDecay): 0.10000000, top1: 0.75000, CELoss: 0.69176, loss: 0.69176, batch\_cost: 0.71007s, reader\_cost: 0.59532, ips: 45.06616 samples/s, eta: 0:20:00

[2024/03/05 09:53:02] ppcls INFO: [Train][Epoch 32/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.78977, CELoss: 0.59127, loss: 0.59127, batch\_cost: 0.65501s, reader\_cost: 0.56207, ips: 48.85453 samples/s, eta: 0:18:21

[2024/03/05 09:53:08] ppcls INFO: [Train][Epoch 32/120][Avg]top1: 0.76974, CELoss: 0.75617, loss: 0.75617

[2024/03/05 09:53:08] ppcls INFO: [Eval][Epoch 32][Iter: 0/5]CELoss: 0.58625, loss: 0.58625, top1: 0.81250, batch\_cost: 0.64136s, reader\_cost: 0.59954, ips: 49.89395 images/sec

[2024/03/05 09:53:12] ppcls INFO: [Eval][Epoch 32][Avg]CELoss: 0.38179, loss: 0.38179, top1: 0.85156

[2024/03/05 09:53:12] ppcls INFO: [Eval][Epoch 32][best metric: 0.8984375]

[2024/03/05 09:53:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_32

[2024/03/05 09:53:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:53:13] ppcls INFO: [Train][Epoch 33/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.68750, CELoss: 0.60508, loss: 0.60508, batch\_cost: 0.70585s, reader\_cost: 0.59681, ips: 45.33522 samples/s, eta: 0:19:40

[2024/03/05 09:53:19] ppcls INFO: [Train][Epoch 33/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.80682, CELoss: 0.73085, loss: 0.73085, batch\_cost: 0.63531s, reader\_cost: 0.52850, ips: 50.36917 samples/s, eta: 0:17:35

[2024/03/05 09:53:25] ppcls INFO: [Train][Epoch 33/120][Avg]top1: 0.79934, CELoss: 0.86959, loss: 0.86959

[2024/03/05 09:53:26] ppcls INFO: [Eval][Epoch 33][Iter: 0/5]CELoss: 0.43139, loss: 0.43139, top1: 0.93750, batch\_cost: 0.61993s, reader\_cost: 0.57906, ips: 51.61903 images/sec

[2024/03/05 09:53:29] ppcls INFO: [Eval][Epoch 33][Avg]CELoss: 0.31272, loss: 0.31272, top1: 0.94531

[2024/03/05 09:53:30] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 09:53:30] ppcls INFO: [Eval][Epoch 33][best metric: 0.9453125]

[2024/03/05 09:53:30] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_33

[2024/03/05 09:53:30] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:53:31] ppcls INFO: [Train][Epoch 34/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.51942, loss: 0.51942, batch\_cost: 0.71382s, reader\_cost: 0.60180, ips: 44.82907 samples/s, eta: 0:19:39

[2024/03/05 09:53:38] ppcls INFO: [Train][Epoch 34/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.86364, CELoss: 0.58506, loss: 0.58506, batch\_cost: 0.69917s, reader\_cost: 0.60148, ips: 45.76840 samples/s, eta: 0:19:08

[2024/03/05 09:53:44] ppcls INFO: [Train][Epoch 34/120][Avg]top1: 0.82566, CELoss: 0.56872, loss: 0.56872

[2024/03/05 09:53:44] ppcls INFO: [Eval][Epoch 34][Iter: 0/5]CELoss: 0.47429, loss: 0.47429, top1: 0.93750, batch\_cost: 0.62748s, reader\_cost: 0.58463, ips: 50.99743 images/sec

[2024/03/05 09:53:48] ppcls INFO: [Eval][Epoch 34][Avg]CELoss: 0.29730, loss: 0.29730, top1: 0.91406

[2024/03/05 09:53:48] ppcls INFO: [Eval][Epoch 34][best metric: 0.9453125]

[2024/03/05 09:53:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_34

[2024/03/05 09:53:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:53:49] ppcls INFO: [Train][Epoch 35/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.34026, loss: 0.34026, batch\_cost: 0.72400s, reader\_cost: 0.61055, ips: 44.19906 samples/s, eta: 0:19:43

[2024/03/05 09:53:56] ppcls INFO: [Train][Epoch 35/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.85227, CELoss: 0.43492, loss: 0.43492, batch\_cost: 0.72697s, reader\_cost: 0.63116, ips: 44.01848 samples/s, eta: 0:19:40

[2024/03/05 09:54:01] ppcls INFO: [Train][Epoch 35/120][Avg]top1: 0.83717, CELoss: 0.52554, loss: 0.52554

[2024/03/05 09:54:02] ppcls INFO: [Eval][Epoch 35][Iter: 0/5]CELoss: 0.33279, loss: 0.33279, top1: 0.96875, batch\_cost: 0.65454s, reader\_cost: 0.60471, ips: 48.88920 images/sec

[2024/03/05 09:54:05] ppcls INFO: [Eval][Epoch 35][Avg]CELoss: 0.25919, loss: 0.25919, top1: 0.91406

[2024/03/05 09:54:05] ppcls INFO: [Eval][Epoch 35][best metric: 0.9453125]

[2024/03/05 09:54:06] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_35

[2024/03/05 09:54:06] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:54:07] ppcls INFO: [Train][Epoch 36/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.87500, CELoss: 0.59966, loss: 0.59966, batch\_cost: 0.72360s, reader\_cost: 0.61420, ips: 44.22317 samples/s, eta: 0:19:28

[2024/03/05 09:54:14] ppcls INFO: [Train][Epoch 36/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.47969, loss: 0.47969, batch\_cost: 0.67696s, reader\_cost: 0.58194, ips: 47.27046 samples/s, eta: 0:18:06

[2024/03/05 09:54:20] ppcls INFO: [Train][Epoch 36/120][Avg]top1: 0.84704, CELoss: 0.45008, loss: 0.45008

[2024/03/05 09:54:20] ppcls INFO: [Eval][Epoch 36][Iter: 0/5]CELoss: 0.33970, loss: 0.33970, top1: 0.96875, batch\_cost: 0.64164s, reader\_cost: 0.60078, ips: 49.87189 images/sec

[2024/03/05 09:54:24] ppcls INFO: [Eval][Epoch 36][Avg]CELoss: 0.26915, loss: 0.26915, top1: 0.91406

[2024/03/05 09:54:24] ppcls INFO: [Eval][Epoch 36][best metric: 0.9453125]

[2024/03/05 09:54:24] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_36

[2024/03/05 09:54:24] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:54:25] ppcls INFO: [Train][Epoch 37/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.90625, CELoss: 0.31374, loss: 0.31374, batch\_cost: 0.68423s, reader\_cost: 0.58902, ips: 46.76778 samples/s, eta: 0:18:12

[2024/03/05 09:54:32] ppcls INFO: [Train][Epoch 37/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.84091, CELoss: 0.48902, loss: 0.48902, batch\_cost: 0.69832s, reader\_cost: 0.60740, ips: 45.82434 samples/s, eta: 0:18:27

[2024/03/05 09:54:38] ppcls INFO: [Train][Epoch 37/120][Avg]top1: 0.83717, CELoss: 0.49106, loss: 0.49106

[2024/03/05 09:54:38] ppcls INFO: [Eval][Epoch 37][Iter: 0/5]CELoss: 0.43855, loss: 0.43855, top1: 0.93750, batch\_cost: 0.62713s, reader\_cost: 0.60121, ips: 51.02631 images/sec

[2024/03/05 09:54:42] ppcls INFO: [Eval][Epoch 37][Avg]CELoss: 0.27574, loss: 0.27574, top1: 0.91406

[2024/03/05 09:54:42] ppcls INFO: [Eval][Epoch 37][best metric: 0.9453125]

[2024/03/05 09:54:42] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_37

[2024/03/05 09:54:42] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:54:43] ppcls INFO: [Train][Epoch 38/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.37518, loss: 0.37518, batch\_cost: 0.72867s, reader\_cost: 0.62314, ips: 43.91545 samples/s, eta: 0:19:09

[2024/03/05 09:54:49] ppcls INFO: [Train][Epoch 38/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.81534, CELoss: 0.48740, loss: 0.48740, batch\_cost: 0.62877s, reader\_cost: 0.51306, ips: 50.89299 samples/s, eta: 0:16:25

[2024/03/05 09:54:56] ppcls INFO: [Train][Epoch 38/120][Avg]top1: 0.83882, CELoss: 0.51630, loss: 0.51630

[2024/03/05 09:54:56] ppcls INFO: [Eval][Epoch 38][Iter: 0/5]CELoss: 0.36519, loss: 0.36519, top1: 0.93750, batch\_cost: 0.66577s, reader\_cost: 0.61893, ips: 48.06433 images/sec

[2024/03/05 09:54:59] ppcls INFO: [Eval][Epoch 38][Avg]CELoss: 0.25399, loss: 0.25399, top1: 0.90625

[2024/03/05 09:54:59] ppcls INFO: [Eval][Epoch 38][best metric: 0.9453125]

[2024/03/05 09:55:00] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_38

[2024/03/05 09:55:00] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:55:01] ppcls INFO: [Train][Epoch 39/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.34682, loss: 0.34682, batch\_cost: 0.72098s, reader\_cost: 0.60862, ips: 44.38389 samples/s, eta: 0:18:43

[2024/03/05 09:55:08] ppcls INFO: [Train][Epoch 39/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.84091, CELoss: 0.42569, loss: 0.42569, batch\_cost: 0.73742s, reader\_cost: 0.64689, ips: 43.39463 samples/s, eta: 0:19:01

[2024/03/05 09:55:14] ppcls INFO: [Train][Epoch 39/120][Avg]top1: 0.84868, CELoss: 0.41598, loss: 0.41598

[2024/03/05 09:55:14] ppcls INFO: [Eval][Epoch 39][Iter: 0/5]CELoss: 0.35659, loss: 0.35659, top1: 0.93750, batch\_cost: 0.63786s, reader\_cost: 0.61094, ips: 50.16814 images/sec

[2024/03/05 09:55:17] ppcls INFO: [Eval][Epoch 39][Avg]CELoss: 0.24458, loss: 0.24458, top1: 0.91406

[2024/03/05 09:55:17] ppcls INFO: [Eval][Epoch 39][best metric: 0.9453125]

[2024/03/05 09:55:18] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_39

[2024/03/05 09:55:18] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:55:19] ppcls INFO: [Train][Epoch 40/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.86327, loss: 0.86327, batch\_cost: 0.74001s, reader\_cost: 0.61770, ips: 43.24283 samples/s, eta: 0:18:58

[2024/03/05 09:55:26] ppcls INFO: [Train][Epoch 40/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.79545, CELoss: 0.57580, loss: 0.57580, batch\_cost: 0.71676s, reader\_cost: 0.62381, ips: 44.64540 samples/s, eta: 0:18:15

[2024/03/05 09:55:32] ppcls INFO: [Train][Epoch 40/120][Avg]top1: 0.81414, CELoss: 0.51600, loss: 0.51600

[2024/03/05 09:55:32] ppcls INFO: [Eval][Epoch 40][Iter: 0/5]CELoss: 0.38141, loss: 0.38141, top1: 0.93750, batch\_cost: 0.61641s, reader\_cost: 0.58651, ips: 51.91376 images/sec

[2024/03/05 09:55:35] ppcls INFO: [Eval][Epoch 40][Avg]CELoss: 0.25069, loss: 0.25069, top1: 0.92188

[2024/03/05 09:55:35] ppcls INFO: [Eval][Epoch 40][best metric: 0.9453125]

[2024/03/05 09:55:36] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_40

[2024/03/05 09:55:36] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:55:37] ppcls INFO: [Train][Epoch 41/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.90625, CELoss: 0.31539, loss: 0.31539, batch\_cost: 0.73483s, reader\_cost: 0.61810, ips: 43.54762 samples/s, eta: 0:18:36

[2024/03/05 09:55:44] ppcls INFO: [Train][Epoch 41/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.85795, CELoss: 0.39254, loss: 0.39254, batch\_cost: 0.71154s, reader\_cost: 0.60045, ips: 44.97260 samples/s, eta: 0:17:54

[2024/03/05 09:55:50] ppcls INFO: [Train][Epoch 41/120][Avg]top1: 0.84539, CELoss: 0.43750, loss: 0.43750

[2024/03/05 09:55:50] ppcls INFO: [Eval][Epoch 41][Iter: 0/5]CELoss: 0.29840, loss: 0.29840, top1: 0.96875, batch\_cost: 0.61739s, reader\_cost: 0.57553, ips: 51.83096 images/sec

[2024/03/05 09:55:53] ppcls INFO: [Eval][Epoch 41][Avg]CELoss: 0.24169, loss: 0.24169, top1: 0.91406

[2024/03/05 09:55:53] ppcls INFO: [Eval][Epoch 41][best metric: 0.9453125]

[2024/03/05 09:55:54] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_41

[2024/03/05 09:55:54] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:55:55] ppcls INFO: [Train][Epoch 42/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.71875, CELoss: 0.53741, loss: 0.53741, batch\_cost: 0.70913s, reader\_cost: 0.59102, ips: 45.12603 samples/s, eta: 0:17:44

[2024/03/05 09:56:02] ppcls INFO: [Train][Epoch 42/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.82670, CELoss: 0.49879, loss: 0.49879, batch\_cost: 0.69543s, reader\_cost: 0.58992, ips: 46.01484 samples/s, eta: 0:17:16

[2024/03/05 09:56:07] ppcls INFO: [Train][Epoch 42/120][Avg]top1: 0.81908, CELoss: 0.49944, loss: 0.49944

[2024/03/05 09:56:08] ppcls INFO: [Eval][Epoch 42][Iter: 0/5]CELoss: 0.33405, loss: 0.33405, top1: 0.93750, batch\_cost: 0.63855s, reader\_cost: 0.59171, ips: 50.11337 images/sec

[2024/03/05 09:56:11] ppcls INFO: [Eval][Epoch 42][Avg]CELoss: 0.24546, loss: 0.24546, top1: 0.91406

[2024/03/05 09:56:11] ppcls INFO: [Eval][Epoch 42][best metric: 0.9453125]

[2024/03/05 09:56:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_42

[2024/03/05 09:56:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:56:14] ppcls INFO: [Train][Epoch 43/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.31477, loss: 0.31477, batch\_cost: 0.76486s, reader\_cost: 0.65262, ips: 41.83786 samples/s, eta: 0:18:53

[2024/03/05 09:56:20] ppcls INFO: [Train][Epoch 43/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.83239, CELoss: 0.49820, loss: 0.49820, batch\_cost: 0.67103s, reader\_cost: 0.57601, ips: 47.68807 samples/s, eta: 0:16:27

[2024/03/05 09:56:25] ppcls INFO: [Train][Epoch 43/120][Avg]top1: 0.82072, CELoss: 0.49876, loss: 0.49876

[2024/03/05 09:56:26] ppcls INFO: [Eval][Epoch 43][Iter: 0/5]CELoss: 0.30862, loss: 0.30862, top1: 0.93750, batch\_cost: 0.64204s, reader\_cost: 0.59420, ips: 49.84132 images/sec

[2024/03/05 09:56:29] ppcls INFO: [Eval][Epoch 43][Avg]CELoss: 0.23761, loss: 0.23761, top1: 0.92969

[2024/03/05 09:56:29] ppcls INFO: [Eval][Epoch 43][best metric: 0.9453125]

[2024/03/05 09:56:30] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_43

[2024/03/05 09:56:30] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:56:31] ppcls INFO: [Train][Epoch 44/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.96875, CELoss: 0.19703, loss: 0.19703, batch\_cost: 0.69920s, reader\_cost: 0.58584, ips: 45.76629 samples/s, eta: 0:17:02

[2024/03/05 09:56:38] ppcls INFO: [Train][Epoch 44/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.87500, CELoss: 0.37936, loss: 0.37936, batch\_cost: 0.72152s, reader\_cost: 0.60123, ips: 44.35060 samples/s, eta: 0:17:28

[2024/03/05 09:56:43] ppcls INFO: [Train][Epoch 44/120][Avg]top1: 0.84046, CELoss: 0.43458, loss: 0.43458

[2024/03/05 09:56:44] ppcls INFO: [Eval][Epoch 44][Iter: 0/5]CELoss: 0.28605, loss: 0.28605, top1: 0.96875, batch\_cost: 0.63689s, reader\_cost: 0.59104, ips: 50.24452 images/sec

[2024/03/05 09:56:47] ppcls INFO: [Eval][Epoch 44][Avg]CELoss: 0.23572, loss: 0.23572, top1: 0.91406

[2024/03/05 09:56:47] ppcls INFO: [Eval][Epoch 44][best metric: 0.9453125]

[2024/03/05 09:56:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_44

[2024/03/05 09:56:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:56:49] ppcls INFO: [Train][Epoch 45/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.37872, loss: 0.37872, batch\_cost: 0.74346s, reader\_cost: 0.61456, ips: 43.04207 samples/s, eta: 0:17:53

[2024/03/05 09:56:56] ppcls INFO: [Train][Epoch 45/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.84659, CELoss: 0.47172, loss: 0.47172, batch\_cost: 0.70578s, reader\_cost: 0.60669, ips: 45.34003 samples/s, eta: 0:16:52

[2024/03/05 09:57:01] ppcls INFO: [Train][Epoch 45/120][Avg]top1: 0.83717, CELoss: 0.46808, loss: 0.46808

[2024/03/05 09:57:02] ppcls INFO: [Eval][Epoch 45][Iter: 0/5]CELoss: 0.30300, loss: 0.30300, top1: 0.93750, batch\_cost: 0.63388s, reader\_cost: 0.59202, ips: 50.48237 images/sec

[2024/03/05 09:57:05] ppcls INFO: [Eval][Epoch 45][Avg]CELoss: 0.22934, loss: 0.22934, top1: 0.91406

[2024/03/05 09:57:05] ppcls INFO: [Eval][Epoch 45][best metric: 0.9453125]

[2024/03/05 09:57:06] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_45

[2024/03/05 09:57:06] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:57:07] ppcls INFO: [Train][Epoch 46/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.32660, loss: 0.32660, batch\_cost: 0.66877s, reader\_cost: 0.57213, ips: 47.84880 samples/s, eta: 0:15:53

[2024/03/05 09:57:14] ppcls INFO: [Train][Epoch 46/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.83239, CELoss: 0.46982, loss: 0.46982, batch\_cost: 0.71100s, reader\_cost: 0.60656, ips: 45.00731 samples/s, eta: 0:16:46

[2024/03/05 09:57:19] ppcls INFO: [Train][Epoch 46/120][Avg]top1: 0.84211, CELoss: 0.42222, loss: 0.42222

[2024/03/05 09:57:20] ppcls INFO: [Eval][Epoch 46][Iter: 0/5]CELoss: 0.29604, loss: 0.29604, top1: 0.93750, batch\_cost: 0.65902s, reader\_cost: 0.61816, ips: 48.55700 images/sec

[2024/03/05 09:57:23] ppcls INFO: [Eval][Epoch 46][Avg]CELoss: 0.22292, loss: 0.22292, top1: 0.91406

[2024/03/05 09:57:23] ppcls INFO: [Eval][Epoch 46][best metric: 0.9453125]

[2024/03/05 09:57:23] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_46

[2024/03/05 09:57:24] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:57:25] ppcls INFO: [Train][Epoch 47/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.75000, CELoss: 0.78775, loss: 0.78775, batch\_cost: 0.71920s, reader\_cost: 0.59912, ips: 44.49400 samples/s, eta: 0:16:51

[2024/03/05 09:57:32] ppcls INFO: [Train][Epoch 47/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.85795, CELoss: 0.40182, loss: 0.40182, batch\_cost: 0.71006s, reader\_cost: 0.60594, ips: 45.06690 samples/s, eta: 0:16:31

[2024/03/05 09:57:37] ppcls INFO: [Train][Epoch 47/120][Avg]top1: 0.85362, CELoss: 0.40152, loss: 0.40152

[2024/03/05 09:57:38] ppcls INFO: [Eval][Epoch 47][Iter: 0/5]CELoss: 0.35630, loss: 0.35630, top1: 0.90625, batch\_cost: 0.62787s, reader\_cost: 0.58402, ips: 50.96563 images/sec

[2024/03/05 09:57:41] ppcls INFO: [Eval][Epoch 47][Avg]CELoss: 0.24038, loss: 0.24038, top1: 0.91406

[2024/03/05 09:57:41] ppcls INFO: [Eval][Epoch 47][best metric: 0.9453125]

[2024/03/05 09:57:41] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_47

[2024/03/05 09:57:42] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:57:43] ppcls INFO: [Train][Epoch 48/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.87500, CELoss: 0.34196, loss: 0.34196, batch\_cost: 0.70556s, reader\_cost: 0.59323, ips: 45.35415 samples/s, eta: 0:16:18

[2024/03/05 09:57:49] ppcls INFO: [Train][Epoch 48/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.83523, CELoss: 0.43978, loss: 0.43978, batch\_cost: 0.65677s, reader\_cost: 0.56342, ips: 48.72310 samples/s, eta: 0:15:04

[2024/03/05 09:57:55] ppcls INFO: [Train][Epoch 48/120][Avg]top1: 0.82730, CELoss: 0.46389, loss: 0.46389

[2024/03/05 09:57:56] ppcls INFO: [Eval][Epoch 48][Iter: 0/5]CELoss: 0.32962, loss: 0.32962, top1: 0.93750, batch\_cost: 0.63497s, reader\_cost: 0.58215, ips: 50.39618 images/sec

[2024/03/05 09:57:59] ppcls INFO: [Eval][Epoch 48][Avg]CELoss: 0.23943, loss: 0.23943, top1: 0.94531

[2024/03/05 09:57:59] ppcls INFO: [Eval][Epoch 48][best metric: 0.9453125]

[2024/03/05 09:57:59] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_48

[2024/03/05 09:58:00] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:58:01] ppcls INFO: [Train][Epoch 49/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.59528, loss: 0.59528, batch\_cost: 0.71823s, reader\_cost: 0.60728, ips: 44.55413 samples/s, eta: 0:16:22

[2024/03/05 09:58:08] ppcls INFO: [Train][Epoch 49/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.84659, CELoss: 0.46208, loss: 0.46208, batch\_cost: 0.70079s, reader\_cost: 0.60694, ips: 45.66259 samples/s, eta: 0:15:51

[2024/03/05 09:58:13] ppcls INFO: [Train][Epoch 49/120][Avg]top1: 0.83553, CELoss: 0.45260, loss: 0.45260

[2024/03/05 09:58:14] ppcls INFO: [Eval][Epoch 49][Iter: 0/5]CELoss: 0.31825, loss: 0.31825, top1: 0.93750, batch\_cost: 0.63154s, reader\_cost: 0.60164, ips: 50.66973 images/sec

[2024/03/05 09:58:17] ppcls INFO: [Eval][Epoch 49][Avg]CELoss: 0.22628, loss: 0.22628, top1: 0.91406

[2024/03/05 09:58:17] ppcls INFO: [Eval][Epoch 49][best metric: 0.9453125]

[2024/03/05 09:58:17] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_49

[2024/03/05 09:58:18] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:58:19] ppcls INFO: [Train][Epoch 50/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.43891, loss: 0.43891, batch\_cost: 0.70072s, reader\_cost: 0.59035, ips: 45.66742 samples/s, eta: 0:15:45

[2024/03/05 09:58:26] ppcls INFO: [Train][Epoch 50/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.81818, CELoss: 0.48570, loss: 0.48570, batch\_cost: 0.67225s, reader\_cost: 0.57911, ips: 47.60130 samples/s, eta: 0:15:00

[2024/03/05 09:58:31] ppcls INFO: [Train][Epoch 50/120][Avg]top1: 0.81086, CELoss: 0.49645, loss: 0.49645

[2024/03/05 09:58:32] ppcls INFO: [Eval][Epoch 50][Iter: 0/5]CELoss: 0.33969, loss: 0.33969, top1: 0.93750, batch\_cost: 0.61271s, reader\_cost: 0.58381, ips: 52.22677 images/sec

[2024/03/05 09:58:35] ppcls INFO: [Eval][Epoch 50][Avg]CELoss: 0.23983, loss: 0.23983, top1: 0.92969

[2024/03/05 09:58:35] ppcls INFO: [Eval][Epoch 50][best metric: 0.9453125]

[2024/03/05 09:58:35] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_50

[2024/03/05 09:58:36] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:58:37] ppcls INFO: [Train][Epoch 51/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.93750, CELoss: 0.28058, loss: 0.28058, batch\_cost: 0.70670s, reader\_cost: 0.58881, ips: 45.28086 samples/s, eta: 0:15:39

[2024/03/05 09:58:43] ppcls INFO: [Train][Epoch 51/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.83523, CELoss: 0.41037, loss: 0.41037, batch\_cost: 0.65138s, reader\_cost: 0.55838, ips: 49.12662 samples/s, eta: 0:14:19

[2024/03/05 09:58:49] ppcls INFO: [Train][Epoch 51/120][Avg]top1: 0.83882, CELoss: 0.45625, loss: 0.45625

[2024/03/05 09:58:50] ppcls INFO: [Eval][Epoch 51][Iter: 0/5]CELoss: 0.36345, loss: 0.36345, top1: 0.93750, batch\_cost: 0.61671s, reader\_cost: 0.58681, ips: 51.88801 images/sec

[2024/03/05 09:58:53] ppcls INFO: [Eval][Epoch 51][Avg]CELoss: 0.24032, loss: 0.24032, top1: 0.92969

[2024/03/05 09:58:53] ppcls INFO: [Eval][Epoch 51][best metric: 0.9453125]

[2024/03/05 09:58:53] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_51

[2024/03/05 09:58:54] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:58:55] ppcls INFO: [Train][Epoch 52/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.35175, loss: 0.35175, batch\_cost: 0.72890s, reader\_cost: 0.61450, ips: 43.90154 samples/s, eta: 0:15:55

[2024/03/05 09:59:01] ppcls INFO: [Train][Epoch 52/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.84943, CELoss: 0.43072, loss: 0.43072, batch\_cost: 0.66041s, reader\_cost: 0.54664, ips: 48.45494 samples/s, eta: 0:14:19

[2024/03/05 09:59:07] ppcls INFO: [Train][Epoch 52/120][Avg]top1: 0.84539, CELoss: 0.41687, loss: 0.41687

[2024/03/05 09:59:08] ppcls INFO: [Eval][Epoch 52][Iter: 0/5]CELoss: 0.29569, loss: 0.29569, top1: 0.96875, batch\_cost: 0.62000s, reader\_cost: 0.59110, ips: 51.61285 images/sec

[2024/03/05 09:59:11] ppcls INFO: [Eval][Epoch 52][Avg]CELoss: 0.22686, loss: 0.22686, top1: 0.91406

[2024/03/05 09:59:11] ppcls INFO: [Eval][Epoch 52][best metric: 0.9453125]

[2024/03/05 09:59:11] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_52

[2024/03/05 09:59:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:59:13] ppcls INFO: [Train][Epoch 53/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.90625, CELoss: 0.24522, loss: 0.24522, batch\_cost: 0.71820s, reader\_cost: 0.59113, ips: 44.55586 samples/s, eta: 0:15:27

[2024/03/05 09:59:20] ppcls INFO: [Train][Epoch 53/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.47378, loss: 0.47378, batch\_cost: 0.70825s, reader\_cost: 0.60924, ips: 45.18155 samples/s, eta: 0:15:07

[2024/03/05 09:59:25] ppcls INFO: [Train][Epoch 53/120][Avg]top1: 0.85197, CELoss: 0.43386, loss: 0.43386

[2024/03/05 09:59:26] ppcls INFO: [Eval][Epoch 53][Iter: 0/5]CELoss: 0.28370, loss: 0.28370, top1: 0.93750, batch\_cost: 0.63650s, reader\_cost: 0.60760, ips: 50.27472 images/sec

[2024/03/05 09:59:29] ppcls INFO: [Eval][Epoch 53][Avg]CELoss: 0.22337, loss: 0.22337, top1: 0.92188

[2024/03/05 09:59:29] ppcls INFO: [Eval][Epoch 53][best metric: 0.9453125]

[2024/03/05 09:59:29] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_53

[2024/03/05 09:59:30] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:59:31] ppcls INFO: [Train][Epoch 54/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.90625, CELoss: 0.38541, loss: 0.38541, batch\_cost: 0.72004s, reader\_cost: 0.60665, ips: 44.44188 samples/s, eta: 0:15:16

[2024/03/05 09:59:38] ppcls INFO: [Train][Epoch 54/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.86080, CELoss: 0.40755, loss: 0.40755, batch\_cost: 0.74699s, reader\_cost: 0.64359, ips: 42.83850 samples/s, eta: 0:15:43

[2024/03/05 09:59:43] ppcls INFO: [Train][Epoch 54/120][Avg]top1: 0.85691, CELoss: 0.41281, loss: 0.41281

[2024/03/05 09:59:44] ppcls INFO: [Eval][Epoch 54][Iter: 0/5]CELoss: 0.29149, loss: 0.29149, top1: 0.93750, batch\_cost: 0.63536s, reader\_cost: 0.60845, ips: 50.36541 images/sec

[2024/03/05 09:59:47] ppcls INFO: [Eval][Epoch 54][Avg]CELoss: 0.22824, loss: 0.22824, top1: 0.92969

[2024/03/05 09:59:47] ppcls INFO: [Eval][Epoch 54][best metric: 0.9453125]

[2024/03/05 09:59:47] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_54

[2024/03/05 09:59:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 09:59:49] ppcls INFO: [Train][Epoch 55/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.93750, CELoss: 0.17605, loss: 0.17605, batch\_cost: 0.73429s, reader\_cost: 0.61568, ips: 43.57931 samples/s, eta: 0:15:20

[2024/03/05 09:59:56] ppcls INFO: [Train][Epoch 55/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.81818, CELoss: 0.53846, loss: 0.53846, batch\_cost: 0.68035s, reader\_cost: 0.56979, ips: 47.03434 samples/s, eta: 0:14:06

[2024/03/05 10:00:01] ppcls INFO: [Train][Epoch 55/120][Avg]top1: 0.83388, CELoss: 0.49937, loss: 0.49937

[2024/03/05 10:00:02] ppcls INFO: [Eval][Epoch 55][Iter: 0/5]CELoss: 0.39669, loss: 0.39669, top1: 0.90625, batch\_cost: 0.63082s, reader\_cost: 0.60291, ips: 50.72762 images/sec

[2024/03/05 10:00:05] ppcls INFO: [Eval][Epoch 55][Avg]CELoss: 0.24657, loss: 0.24657, top1: 0.92969

[2024/03/05 10:00:05] ppcls INFO: [Eval][Epoch 55][best metric: 0.9453125]

[2024/03/05 10:00:05] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_55

[2024/03/05 10:00:06] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:00:07] ppcls INFO: [Train][Epoch 56/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.90625, CELoss: 0.24666, loss: 0.24666, batch\_cost: 0.72056s, reader\_cost: 0.60225, ips: 44.40987 samples/s, eta: 0:14:49

[2024/03/05 10:00:14] ppcls INFO: [Train][Epoch 56/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.85227, CELoss: 0.45530, loss: 0.45530, batch\_cost: 0.68407s, reader\_cost: 0.58872, ips: 46.77886 samples/s, eta: 0:13:57

[2024/03/05 10:00:19] ppcls INFO: [Train][Epoch 56/120][Avg]top1: 0.85691, CELoss: 0.44099, loss: 0.44099

[2024/03/05 10:00:20] ppcls INFO: [Eval][Epoch 56][Iter: 0/5]CELoss: 0.32170, loss: 0.32170, top1: 0.90625, batch\_cost: 0.65532s, reader\_cost: 0.61346, ips: 48.83104 images/sec

[2024/03/05 10:00:23] ppcls INFO: [Eval][Epoch 56][Avg]CELoss: 0.22012, loss: 0.22012, top1: 0.91406

[2024/03/05 10:00:23] ppcls INFO: [Eval][Epoch 56][best metric: 0.9453125]

[2024/03/05 10:00:24] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_56

[2024/03/05 10:00:24] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:00:25] ppcls INFO: [Train][Epoch 57/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.58724, loss: 0.58724, batch\_cost: 0.72344s, reader\_cost: 0.60324, ips: 44.23328 samples/s, eta: 0:14:39

[2024/03/05 10:00:32] ppcls INFO: [Train][Epoch 57/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.85795, CELoss: 0.46416, loss: 0.46416, batch\_cost: 0.69345s, reader\_cost: 0.58973, ips: 46.14633 samples/s, eta: 0:13:56

[2024/03/05 10:00:37] ppcls INFO: [Train][Epoch 57/120][Avg]top1: 0.84868, CELoss: 0.45809, loss: 0.45809

[2024/03/05 10:00:38] ppcls INFO: [Eval][Epoch 57][Iter: 0/5]CELoss: 0.27315, loss: 0.27315, top1: 0.93750, batch\_cost: 0.61501s, reader\_cost: 0.58810, ips: 52.03191 images/sec

[2024/03/05 10:00:41] ppcls INFO: [Eval][Epoch 57][Avg]CELoss: 0.20992, loss: 0.20992, top1: 0.92969

[2024/03/05 10:00:41] ppcls INFO: [Eval][Epoch 57][best metric: 0.9453125]

[2024/03/05 10:00:42] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_57

[2024/03/05 10:00:42] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:00:43] ppcls INFO: [Train][Epoch 58/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.90625, CELoss: 0.19344, loss: 0.19344, batch\_cost: 0.71235s, reader\_cost: 0.59724, ips: 44.92184 samples/s, eta: 0:14:12

[2024/03/05 10:00:50] ppcls INFO: [Train][Epoch 58/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.86080, CELoss: 0.45111, loss: 0.45111, batch\_cost: 0.69022s, reader\_cost: 0.58092, ips: 46.36227 samples/s, eta: 0:13:39

[2024/03/05 10:00:55] ppcls INFO: [Train][Epoch 58/120][Avg]top1: 0.85362, CELoss: 0.45086, loss: 0.45086

[2024/03/05 10:00:56] ppcls INFO: [Eval][Epoch 58][Iter: 0/5]CELoss: 0.30697, loss: 0.30697, top1: 0.93750, batch\_cost: 0.64683s, reader\_cost: 0.61892, ips: 49.47203 images/sec

[2024/03/05 10:00:59] ppcls INFO: [Eval][Epoch 58][Avg]CELoss: 0.20956, loss: 0.20956, top1: 0.92188

[2024/03/05 10:00:59] ppcls INFO: [Eval][Epoch 58][best metric: 0.9453125]

[2024/03/05 10:00:59] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_58

[2024/03/05 10:01:00] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:01:01] ppcls INFO: [Train][Epoch 59/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.90625, CELoss: 0.18527, loss: 0.18527, batch\_cost: 0.71258s, reader\_cost: 0.58886, ips: 44.90704 samples/s, eta: 0:13:59

[2024/03/05 10:01:08] ppcls INFO: [Train][Epoch 59/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.86364, CELoss: 0.37051, loss: 0.37051, batch\_cost: 0.70323s, reader\_cost: 0.59648, ips: 45.50423 samples/s, eta: 0:13:41

[2024/03/05 10:01:13] ppcls INFO: [Train][Epoch 59/120][Avg]top1: 0.86349, CELoss: 0.38875, loss: 0.38875

[2024/03/05 10:01:14] ppcls INFO: [Eval][Epoch 59][Iter: 0/5]CELoss: 0.27789, loss: 0.27789, top1: 0.93750, batch\_cost: 0.63676s, reader\_cost: 0.60686, ips: 50.25417 images/sec

[2024/03/05 10:01:17] ppcls INFO: [Eval][Epoch 59][Avg]CELoss: 0.20474, loss: 0.20474, top1: 0.92188

[2024/03/05 10:01:17] ppcls INFO: [Eval][Epoch 59][best metric: 0.9453125]

[2024/03/05 10:01:18] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_59

[2024/03/05 10:01:18] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:01:19] ppcls INFO: [Train][Epoch 60/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.84375, CELoss: 0.33921, loss: 0.33921, batch\_cost: 0.69447s, reader\_cost: 0.58539, ips: 46.07805 samples/s, eta: 0:13:24

[2024/03/05 10:01:25] ppcls INFO: [Train][Epoch 60/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.84943, CELoss: 0.41180, loss: 0.41180, batch\_cost: 0.69057s, reader\_cost: 0.59057, ips: 46.33855 samples/s, eta: 0:13:13

[2024/03/05 10:01:32] ppcls INFO: [Train][Epoch 60/120][Avg]top1: 0.84211, CELoss: 0.42802, loss: 0.42802

[2024/03/05 10:01:32] ppcls INFO: [Eval][Epoch 60][Iter: 0/5]CELoss: 0.31961, loss: 0.31961, top1: 0.93750, batch\_cost: 0.63438s, reader\_cost: 0.60648, ips: 50.44272 images/sec

[2024/03/05 10:01:35] ppcls INFO: [Eval][Epoch 60][Avg]CELoss: 0.20276, loss: 0.20276, top1: 0.92969

[2024/03/05 10:01:35] ppcls INFO: [Eval][Epoch 60][best metric: 0.9453125]

[2024/03/05 10:01:36] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_60

[2024/03/05 10:01:36] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:01:37] ppcls INFO: [Train][Epoch 61/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.90625, CELoss: 0.39528, loss: 0.39528, batch\_cost: 0.73906s, reader\_cost: 0.62330, ips: 43.29832 samples/s, eta: 0:14:02

[2024/03/05 10:01:44] ppcls INFO: [Train][Epoch 61/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.86648, CELoss: 0.38406, loss: 0.38406, batch\_cost: 0.71589s, reader\_cost: 0.62502, ips: 44.69990 samples/s, eta: 0:13:28

[2024/03/05 10:01:49] ppcls INFO: [Train][Epoch 61/120][Avg]top1: 0.83717, CELoss: 0.45908, loss: 0.45908

[2024/03/05 10:01:50] ppcls INFO: [Eval][Epoch 61][Iter: 0/5]CELoss: 0.33822, loss: 0.33822, top1: 0.93750, batch\_cost: 0.63040s, reader\_cost: 0.60349, ips: 50.76179 images/sec

[2024/03/05 10:01:53] ppcls INFO: [Eval][Epoch 61][Avg]CELoss: 0.21635, loss: 0.21635, top1: 0.96094

[2024/03/05 10:01:54] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 10:01:54] ppcls INFO: [Eval][Epoch 61][best metric: 0.9609375]

[2024/03/05 10:01:54] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_61

[2024/03/05 10:01:54] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:01:55] ppcls INFO: [Train][Epoch 62/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.48978, loss: 0.48978, batch\_cost: 0.71422s, reader\_cost: 0.61668, ips: 44.80395 samples/s, eta: 0:13:20

[2024/03/05 10:02:02] ppcls INFO: [Train][Epoch 62/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.82386, CELoss: 0.48714, loss: 0.48714, batch\_cost: 0.73593s, reader\_cost: 0.64274, ips: 43.48228 samples/s, eta: 0:13:37

[2024/03/05 10:02:08] ppcls INFO: [Train][Epoch 62/120][Avg]top1: 0.82895, CELoss: 0.47549, loss: 0.47549

[2024/03/05 10:02:08] ppcls INFO: [Eval][Epoch 62][Iter: 0/5]CELoss: 0.34331, loss: 0.34331, top1: 0.90625, batch\_cost: 0.62791s, reader\_cost: 0.59801, ips: 50.96309 images/sec

[2024/03/05 10:02:12] ppcls INFO: [Eval][Epoch 62][Avg]CELoss: 0.22295, loss: 0.22295, top1: 0.93750

[2024/03/05 10:02:12] ppcls INFO: [Eval][Epoch 62][best metric: 0.9609375]

[2024/03/05 10:02:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_62

[2024/03/05 10:02:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:02:14] ppcls INFO: [Train][Epoch 63/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.93750, CELoss: 0.28127, loss: 0.28127, batch\_cost: 0.75915s, reader\_cost: 0.64219, ips: 42.15235 samples/s, eta: 0:13:56

[2024/03/05 10:02:20] ppcls INFO: [Train][Epoch 63/120][Iter: 10/19]lr(PiecewiseDecay): 0.01000000, top1: 0.87216, CELoss: 0.40090, loss: 0.40090, batch\_cost: 0.70785s, reader\_cost: 0.60171, ips: 45.20712 samples/s, eta: 0:12:52

[2024/03/05 10:02:26] ppcls INFO: [Train][Epoch 63/120][Avg]top1: 0.86678, CELoss: 0.42393, loss: 0.42393

[2024/03/05 10:02:26] ppcls INFO: [Eval][Epoch 63][Iter: 0/5]CELoss: 0.35549, loss: 0.35549, top1: 0.90625, batch\_cost: 0.62690s, reader\_cost: 0.58305, ips: 51.04456 images/sec

[2024/03/05 10:02:30] ppcls INFO: [Eval][Epoch 63][Avg]CELoss: 0.21769, loss: 0.21769, top1: 0.95312

[2024/03/05 10:02:30] ppcls INFO: [Eval][Epoch 63][best metric: 0.9609375]

[2024/03/05 10:02:30] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_63

[2024/03/05 10:02:30] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:02:31] ppcls INFO: [Train][Epoch 64/120][Iter: 0/19]lr(PiecewiseDecay): 0.01000000, top1: 0.90625, CELoss: 0.21272, loss: 0.21272, batch\_cost: 0.70437s, reader\_cost: 0.58828, ips: 45.43073 samples/s, eta: 0:12:42

[2024/03/05 10:02:39] ppcls INFO: [Train][Epoch 64/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84943, CELoss: 0.39348, loss: 0.39348, batch\_cost: 0.76662s, reader\_cost: 0.66462, ips: 41.74177 samples/s, eta: 0:13:42

[2024/03/05 10:02:44] ppcls INFO: [Train][Epoch 64/120][Avg]top1: 0.84868, CELoss: 0.42741, loss: 0.42741

[2024/03/05 10:02:44] ppcls INFO: [Eval][Epoch 64][Iter: 0/5]CELoss: 0.31213, loss: 0.31213, top1: 0.93750, batch\_cost: 0.61801s, reader\_cost: 0.58811, ips: 51.77891 images/sec

[2024/03/05 10:02:48] ppcls INFO: [Eval][Epoch 64][Avg]CELoss: 0.20566, loss: 0.20566, top1: 0.93750

[2024/03/05 10:02:48] ppcls INFO: [Eval][Epoch 64][best metric: 0.9609375]

[2024/03/05 10:02:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_64

[2024/03/05 10:02:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:02:50] ppcls INFO: [Train][Epoch 65/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.41674, loss: 0.41674, batch\_cost: 0.72943s, reader\_cost: 0.61860, ips: 43.87009 samples/s, eta: 0:12:56

[2024/03/05 10:02:56] ppcls INFO: [Train][Epoch 65/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.83239, CELoss: 0.44140, loss: 0.44140, batch\_cost: 0.75116s, reader\_cost: 0.64435, ips: 42.60091 samples/s, eta: 0:13:11

[2024/03/05 10:03:02] ppcls INFO: [Train][Epoch 65/120][Avg]top1: 0.85855, CELoss: 0.40270, loss: 0.40270

[2024/03/05 10:03:03] ppcls INFO: [Eval][Epoch 65][Iter: 0/5]CELoss: 0.31247, loss: 0.31247, top1: 0.93750, batch\_cost: 0.72078s, reader\_cost: 0.67095, ips: 44.39638 images/sec

[2024/03/05 10:03:06] ppcls INFO: [Eval][Epoch 65][Avg]CELoss: 0.20398, loss: 0.20398, top1: 0.93750

[2024/03/05 10:03:06] ppcls INFO: [Eval][Epoch 65][best metric: 0.9609375]

[2024/03/05 10:03:06] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_65

[2024/03/05 10:03:07] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:03:08] ppcls INFO: [Train][Epoch 66/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.40801, loss: 0.40801, batch\_cost: 0.74020s, reader\_cost: 0.62452, ips: 43.23160 samples/s, eta: 0:12:53

[2024/03/05 10:03:14] ppcls INFO: [Train][Epoch 66/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.85511, CELoss: 0.41625, loss: 0.41625, batch\_cost: 0.70000s, reader\_cost: 0.59285, ips: 45.71460 samples/s, eta: 0:12:04

[2024/03/05 10:03:20] ppcls INFO: [Train][Epoch 66/120][Avg]top1: 0.85362, CELoss: 0.41409, loss: 0.41409

[2024/03/05 10:03:21] ppcls INFO: [Eval][Epoch 66][Iter: 0/5]CELoss: 0.27370, loss: 0.27370, top1: 0.93750, batch\_cost: 0.62884s, reader\_cost: 0.59894, ips: 50.88710 images/sec

[2024/03/05 10:03:24] ppcls INFO: [Eval][Epoch 66][Avg]CELoss: 0.19682, loss: 0.19682, top1: 0.93750

[2024/03/05 10:03:24] ppcls INFO: [Eval][Epoch 66][best metric: 0.9609375]

[2024/03/05 10:03:25] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_66

[2024/03/05 10:03:25] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:03:26] ppcls INFO: [Train][Epoch 67/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.75000, CELoss: 0.53692, loss: 0.53692, batch\_cost: 0.74301s, reader\_cost: 0.63225, ips: 43.06796 samples/s, eta: 0:12:42

[2024/03/05 10:03:33] ppcls INFO: [Train][Epoch 67/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.83807, CELoss: 0.49747, loss: 0.49747, batch\_cost: 0.67054s, reader\_cost: 0.57785, ips: 47.72303 samples/s, eta: 0:11:21

[2024/03/05 10:03:38] ppcls INFO: [Train][Epoch 67/120][Avg]top1: 0.83553, CELoss: 0.46836, loss: 0.46836

[2024/03/05 10:03:39] ppcls INFO: [Eval][Epoch 67][Iter: 0/5]CELoss: 0.27031, loss: 0.27031, top1: 0.93750, batch\_cost: 0.72207s, reader\_cost: 0.69416, ips: 44.31717 images/sec

[2024/03/05 10:03:43] ppcls INFO: [Eval][Epoch 67][Avg]CELoss: 0.19759, loss: 0.19759, top1: 0.94531

[2024/03/05 10:03:43] ppcls INFO: [Eval][Epoch 67][best metric: 0.9609375]

[2024/03/05 10:03:43] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_67

[2024/03/05 10:03:43] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:03:45] ppcls INFO: [Train][Epoch 68/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.78125, CELoss: 0.47461, loss: 0.47461, batch\_cost: 0.72338s, reader\_cost: 0.60128, ips: 44.23669 samples/s, eta: 0:12:08

[2024/03/05 10:03:52] ppcls INFO: [Train][Epoch 68/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.80966, CELoss: 0.49417, loss: 0.49417, batch\_cost: 0.72176s, reader\_cost: 0.60661, ips: 44.33637 samples/s, eta: 0:11:59

[2024/03/05 10:03:57] ppcls INFO: [Train][Epoch 68/120][Avg]top1: 0.83553, CELoss: 0.45308, loss: 0.45308

[2024/03/05 10:03:58] ppcls INFO: [Eval][Epoch 68][Iter: 0/5]CELoss: 0.26307, loss: 0.26307, top1: 0.93750, batch\_cost: 0.66876s, reader\_cost: 0.63986, ips: 47.84953 images/sec

[2024/03/05 10:04:01] ppcls INFO: [Eval][Epoch 68][Avg]CELoss: 0.19330, loss: 0.19330, top1: 0.92969

[2024/03/05 10:04:01] ppcls INFO: [Eval][Epoch 68][best metric: 0.9609375]

[2024/03/05 10:04:02] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_68

[2024/03/05 10:04:02] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:04:03] ppcls INFO: [Train][Epoch 69/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.90625, CELoss: 0.34146, loss: 0.34146, batch\_cost: 0.72800s, reader\_cost: 0.60574, ips: 43.95610 samples/s, eta: 0:11:59

[2024/03/05 10:04:10] ppcls INFO: [Train][Epoch 69/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.42891, loss: 0.42891, batch\_cost: 0.71531s, reader\_cost: 0.61731, ips: 44.73562 samples/s, eta: 0:11:39

[2024/03/05 10:04:16] ppcls INFO: [Train][Epoch 69/120][Avg]top1: 0.84868, CELoss: 0.39535, loss: 0.39535

[2024/03/05 10:04:16] ppcls INFO: [Eval][Epoch 69][Iter: 0/5]CELoss: 0.31493, loss: 0.31493, top1: 0.90625, batch\_cost: 0.63329s, reader\_cost: 0.60539, ips: 50.52950 images/sec

[2024/03/05 10:04:19] ppcls INFO: [Eval][Epoch 69][Avg]CELoss: 0.20532, loss: 0.20532, top1: 0.93750

[2024/03/05 10:04:19] ppcls INFO: [Eval][Epoch 69][best metric: 0.9609375]

[2024/03/05 10:04:20] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_69

[2024/03/05 10:04:20] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:04:21] ppcls INFO: [Train][Epoch 70/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.26680, loss: 0.26680, batch\_cost: 0.73923s, reader\_cost: 0.61398, ips: 43.28817 samples/s, eta: 0:11:56

[2024/03/05 10:04:28] ppcls INFO: [Train][Epoch 70/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84091, CELoss: 0.43274, loss: 0.43274, batch\_cost: 0.72671s, reader\_cost: 0.63257, ips: 44.03416 samples/s, eta: 0:11:36

[2024/03/05 10:04:33] ppcls INFO: [Train][Epoch 70/120][Avg]top1: 0.84539, CELoss: 0.41225, loss: 0.41225

[2024/03/05 10:04:34] ppcls INFO: [Eval][Epoch 70][Iter: 0/5]CELoss: 0.25295, loss: 0.25295, top1: 0.93750, batch\_cost: 0.63943s, reader\_cost: 0.59657, ips: 50.04457 images/sec

[2024/03/05 10:04:37] ppcls INFO: [Eval][Epoch 70][Avg]CELoss: 0.19785, loss: 0.19785, top1: 0.93750

[2024/03/05 10:04:37] ppcls INFO: [Eval][Epoch 70][best metric: 0.9609375]

[2024/03/05 10:04:38] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_70

[2024/03/05 10:04:38] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:04:39] ppcls INFO: [Train][Epoch 71/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.90625, CELoss: 0.34182, loss: 0.34182, batch\_cost: 0.70714s, reader\_cost: 0.60440, ips: 45.25288 samples/s, eta: 0:11:11

[2024/03/05 10:04:45] ppcls INFO: [Train][Epoch 71/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.39306, loss: 0.39306, batch\_cost: 0.65760s, reader\_cost: 0.56288, ips: 48.66185 samples/s, eta: 0:10:18

[2024/03/05 10:04:51] ppcls INFO: [Train][Epoch 71/120][Avg]top1: 0.87664, CELoss: 0.38103, loss: 0.38103

[2024/03/05 10:04:52] ppcls INFO: [Eval][Epoch 71][Iter: 0/5]CELoss: 0.29076, loss: 0.29076, top1: 0.90625, batch\_cost: 0.64425s, reader\_cost: 0.59740, ips: 49.67050 images/sec

[2024/03/05 10:04:55] ppcls INFO: [Eval][Epoch 71][Avg]CELoss: 0.20507, loss: 0.20507, top1: 0.94531

[2024/03/05 10:04:55] ppcls INFO: [Eval][Epoch 71][best metric: 0.9609375]

[2024/03/05 10:04:56] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_71

[2024/03/05 10:04:56] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:04:57] ppcls INFO: [Train][Epoch 72/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.67642, loss: 0.67642, batch\_cost: 0.73505s, reader\_cost: 0.62194, ips: 43.53441 samples/s, eta: 0:11:24

[2024/03/05 10:05:04] ppcls INFO: [Train][Epoch 72/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.83807, CELoss: 0.43895, loss: 0.43895, batch\_cost: 0.73843s, reader\_cost: 0.63602, ips: 43.33506 samples/s, eta: 0:11:20

[2024/03/05 10:05:10] ppcls INFO: [Train][Epoch 72/120][Avg]top1: 0.84868, CELoss: 0.41587, loss: 0.41587

[2024/03/05 10:05:10] ppcls INFO: [Eval][Epoch 72][Iter: 0/5]CELoss: 0.27478, loss: 0.27478, top1: 0.93750, batch\_cost: 0.62989s, reader\_cost: 0.60099, ips: 50.80224 images/sec

[2024/03/05 10:05:13] ppcls INFO: [Eval][Epoch 72][Avg]CELoss: 0.19535, loss: 0.19535, top1: 0.94531

[2024/03/05 10:05:13] ppcls INFO: [Eval][Epoch 72][best metric: 0.9609375]

[2024/03/05 10:05:14] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_72

[2024/03/05 10:05:14] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:05:15] ppcls INFO: [Train][Epoch 73/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.81250, CELoss: 0.48436, loss: 0.48436, batch\_cost: 0.71256s, reader\_cost: 0.60518, ips: 44.90871 samples/s, eta: 0:10:49

[2024/03/05 10:05:22] ppcls INFO: [Train][Epoch 73/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.80682, CELoss: 0.48690, loss: 0.48690, batch\_cost: 0.69082s, reader\_cost: 0.59885, ips: 46.32178 samples/s, eta: 0:10:23

[2024/03/05 10:05:28] ppcls INFO: [Train][Epoch 73/120][Avg]top1: 0.82730, CELoss: 0.47022, loss: 0.47022

[2024/03/05 10:05:28] ppcls INFO: [Eval][Epoch 73][Iter: 0/5]CELoss: 0.26053, loss: 0.26053, top1: 0.93750, batch\_cost: 0.64374s, reader\_cost: 0.61584, ips: 49.70916 images/sec

[2024/03/05 10:05:31] ppcls INFO: [Eval][Epoch 73][Avg]CELoss: 0.19350, loss: 0.19350, top1: 0.93750

[2024/03/05 10:05:31] ppcls INFO: [Eval][Epoch 73][best metric: 0.9609375]

[2024/03/05 10:05:32] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_73

[2024/03/05 10:05:32] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:05:33] ppcls INFO: [Train][Epoch 74/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.31555, loss: 0.31555, batch\_cost: 0.72274s, reader\_cost: 0.61201, ips: 44.27565 samples/s, eta: 0:10:45

[2024/03/05 10:05:40] ppcls INFO: [Train][Epoch 74/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.86648, CELoss: 0.39675, loss: 0.39675, batch\_cost: 0.67202s, reader\_cost: 0.57036, ips: 47.61760 samples/s, eta: 0:09:53

[2024/03/05 10:05:45] ppcls INFO: [Train][Epoch 74/120][Avg]top1: 0.86513, CELoss: 0.39789, loss: 0.39789

[2024/03/05 10:05:46] ppcls INFO: [Eval][Epoch 74][Iter: 0/5]CELoss: 0.27036, loss: 0.27036, top1: 0.93750, batch\_cost: 0.61445s, reader\_cost: 0.58754, ips: 52.07924 images/sec

[2024/03/05 10:05:49] ppcls INFO: [Eval][Epoch 74][Avg]CELoss: 0.19935, loss: 0.19935, top1: 0.93750

[2024/03/05 10:05:49] ppcls INFO: [Eval][Epoch 74][best metric: 0.9609375]

[2024/03/05 10:05:50] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_74

[2024/03/05 10:05:50] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:05:51] ppcls INFO: [Train][Epoch 75/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.78125, CELoss: 0.54998, loss: 0.54998, batch\_cost: 0.70442s, reader\_cost: 0.58917, ips: 45.42750 samples/s, eta: 0:10:15

[2024/03/05 10:05:58] ppcls INFO: [Train][Epoch 75/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.79830, CELoss: 0.51262, loss: 0.51262, batch\_cost: 0.72314s, reader\_cost: 0.62666, ips: 44.25150 samples/s, eta: 0:10:24

[2024/03/05 10:06:03] ppcls INFO: [Train][Epoch 75/120][Avg]top1: 0.81743, CELoss: 0.46420, loss: 0.46420

[2024/03/05 10:06:04] ppcls INFO: [Eval][Epoch 75][Iter: 0/5]CELoss: 0.30732, loss: 0.30732, top1: 0.90625, batch\_cost: 0.63687s, reader\_cost: 0.59102, ips: 50.24561 images/sec

[2024/03/05 10:06:07] ppcls INFO: [Eval][Epoch 75][Avg]CELoss: 0.20112, loss: 0.20112, top1: 0.92969

[2024/03/05 10:06:07] ppcls INFO: [Eval][Epoch 75][best metric: 0.9609375]

[2024/03/05 10:06:08] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_75

[2024/03/05 10:06:08] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:06:09] ppcls INFO: [Train][Epoch 76/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.90625, CELoss: 0.29655, loss: 0.29655, batch\_cost: 0.70300s, reader\_cost: 0.58793, ips: 45.51897 samples/s, eta: 0:10:01

[2024/03/05 10:06:16] ppcls INFO: [Train][Epoch 76/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84943, CELoss: 0.44728, loss: 0.44728, batch\_cost: 0.68200s, reader\_cost: 0.58067, ips: 46.92083 samples/s, eta: 0:09:36

[2024/03/05 10:06:21] ppcls INFO: [Train][Epoch 76/120][Avg]top1: 0.85033, CELoss: 0.43097, loss: 0.43097

[2024/03/05 10:06:22] ppcls INFO: [Eval][Epoch 76][Iter: 0/5]CELoss: 0.34160, loss: 0.34160, top1: 0.90625, batch\_cost: 0.62770s, reader\_cost: 0.59980, ips: 50.97953 images/sec

[2024/03/05 10:06:25] ppcls INFO: [Eval][Epoch 76][Avg]CELoss: 0.21013, loss: 0.21013, top1: 0.92188

[2024/03/05 10:06:25] ppcls INFO: [Eval][Epoch 76][best metric: 0.9609375]

[2024/03/05 10:06:26] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_76

[2024/03/05 10:06:26] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:06:27] ppcls INFO: [Train][Epoch 77/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.81250, CELoss: 0.48972, loss: 0.48972, batch\_cost: 0.73477s, reader\_cost: 0.61264, ips: 43.55133 samples/s, eta: 0:10:14

[2024/03/05 10:06:34] ppcls INFO: [Train][Epoch 77/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.86648, CELoss: 0.40892, loss: 0.40892, batch\_cost: 0.69987s, reader\_cost: 0.60971, ips: 45.72301 samples/s, eta: 0:09:38

[2024/03/05 10:06:39] ppcls INFO: [Train][Epoch 77/120][Avg]top1: 0.84868, CELoss: 0.44067, loss: 0.44067

[2024/03/05 10:06:40] ppcls INFO: [Eval][Epoch 77][Iter: 0/5]CELoss: 0.27395, loss: 0.27395, top1: 0.93750, batch\_cost: 0.62031s, reader\_cost: 0.59241, ips: 51.58685 images/sec

[2024/03/05 10:06:43] ppcls INFO: [Eval][Epoch 77][Avg]CELoss: 0.19458, loss: 0.19458, top1: 0.95312

[2024/03/05 10:06:43] ppcls INFO: [Eval][Epoch 77][best metric: 0.9609375]

[2024/03/05 10:06:44] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_77

[2024/03/05 10:06:44] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:06:45] ppcls INFO: [Train][Epoch 78/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.78125, CELoss: 0.64950, loss: 0.64950, batch\_cost: 0.68391s, reader\_cost: 0.58689, ips: 46.78963 samples/s, eta: 0:09:18

[2024/03/05 10:06:52] ppcls INFO: [Train][Epoch 78/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.86080, CELoss: 0.40460, loss: 0.40460, batch\_cost: 0.60569s, reader\_cost: 0.51565, ips: 52.83269 samples/s, eta: 0:08:08

[2024/03/05 10:06:57] ppcls INFO: [Train][Epoch 78/120][Avg]top1: 0.85691, CELoss: 0.39349, loss: 0.39349

[2024/03/05 10:06:58] ppcls INFO: [Eval][Epoch 78][Iter: 0/5]CELoss: 0.26787, loss: 0.26787, top1: 0.93750, batch\_cost: 0.62292s, reader\_cost: 0.59403, ips: 51.37125 images/sec

[2024/03/05 10:07:01] ppcls INFO: [Eval][Epoch 78][Avg]CELoss: 0.19281, loss: 0.19281, top1: 0.95312

[2024/03/05 10:07:01] ppcls INFO: [Eval][Epoch 78][best metric: 0.9609375]

[2024/03/05 10:07:02] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_78

[2024/03/05 10:07:02] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:07:03] ppcls INFO: [Train][Epoch 79/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.35193, loss: 0.35193, batch\_cost: 0.68522s, reader\_cost: 0.57322, ips: 46.70064 samples/s, eta: 0:09:06

[2024/03/05 10:07:10] ppcls INFO: [Train][Epoch 79/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.87784, CELoss: 0.37346, loss: 0.37346, batch\_cost: 0.67837s, reader\_cost: 0.58343, ips: 47.17205 samples/s, eta: 0:08:54

[2024/03/05 10:07:15] ppcls INFO: [Train][Epoch 79/120][Avg]top1: 0.87171, CELoss: 0.36313, loss: 0.36313

[2024/03/05 10:07:16] ppcls INFO: [Eval][Epoch 79][Iter: 0/5]CELoss: 0.30021, loss: 0.30021, top1: 0.90625, batch\_cost: 0.61825s, reader\_cost: 0.59134, ips: 51.75879 images/sec

[2024/03/05 10:07:19] ppcls INFO: [Eval][Epoch 79][Avg]CELoss: 0.19953, loss: 0.19953, top1: 0.94531

[2024/03/05 10:07:19] ppcls INFO: [Eval][Epoch 79][best metric: 0.9609375]

[2024/03/05 10:07:20] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_79

[2024/03/05 10:07:20] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:07:21] ppcls INFO: [Train][Epoch 80/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.35251, loss: 0.35251, batch\_cost: 0.75956s, reader\_cost: 0.64457, ips: 42.12984 samples/s, eta: 0:09:51

[2024/03/05 10:07:28] ppcls INFO: [Train][Epoch 80/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.85227, CELoss: 0.47753, loss: 0.47753, batch\_cost: 0.65857s, reader\_cost: 0.55766, ips: 48.59047 samples/s, eta: 0:08:26

[2024/03/05 10:07:33] ppcls INFO: [Train][Epoch 80/120][Avg]top1: 0.84704, CELoss: 0.45027, loss: 0.45027

[2024/03/05 10:07:34] ppcls INFO: [Eval][Epoch 80][Iter: 0/5]CELoss: 0.27207, loss: 0.27207, top1: 0.93750, batch\_cost: 0.68291s, reader\_cost: 0.64212, ips: 46.85828 images/sec

[2024/03/05 10:07:37] ppcls INFO: [Eval][Epoch 80][Avg]CELoss: 0.19365, loss: 0.19365, top1: 0.95312

[2024/03/05 10:07:37] ppcls INFO: [Eval][Epoch 80][best metric: 0.9609375]

[2024/03/05 10:07:38] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_80

[2024/03/05 10:07:38] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:07:39] ppcls INFO: [Train][Epoch 81/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.93750, CELoss: 0.22467, loss: 0.22467, batch\_cost: 0.69349s, reader\_cost: 0.58139, ips: 46.14366 samples/s, eta: 0:08:47

[2024/03/05 10:07:46] ppcls INFO: [Train][Epoch 81/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.85511, CELoss: 0.37113, loss: 0.37113, batch\_cost: 0.68479s, reader\_cost: 0.58418, ips: 46.72965 samples/s, eta: 0:08:33

[2024/03/05 10:07:51] ppcls INFO: [Train][Epoch 81/120][Avg]top1: 0.84046, CELoss: 0.41838, loss: 0.41838

[2024/03/05 10:07:52] ppcls INFO: [Eval][Epoch 81][Iter: 0/5]CELoss: 0.24984, loss: 0.24984, top1: 0.93750, batch\_cost: 0.62386s, reader\_cost: 0.59596, ips: 51.29345 images/sec

[2024/03/05 10:07:55] ppcls INFO: [Eval][Epoch 81][Avg]CELoss: 0.18994, loss: 0.18994, top1: 0.95312

[2024/03/05 10:07:55] ppcls INFO: [Eval][Epoch 81][best metric: 0.9609375]

[2024/03/05 10:07:56] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_81

[2024/03/05 10:07:56] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:07:57] ppcls INFO: [Train][Epoch 82/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.75000, CELoss: 0.50357, loss: 0.50357, batch\_cost: 0.69994s, reader\_cost: 0.58083, ips: 45.71816 samples/s, eta: 0:08:38

[2024/03/05 10:08:04] ppcls INFO: [Train][Epoch 82/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.85511, CELoss: 0.41573, loss: 0.41573, batch\_cost: 0.69689s, reader\_cost: 0.60071, ips: 45.91841 samples/s, eta: 0:08:29

[2024/03/05 10:08:09] ppcls INFO: [Train][Epoch 82/120][Avg]top1: 0.85197, CELoss: 0.41868, loss: 0.41868

[2024/03/05 10:08:10] ppcls INFO: [Eval][Epoch 82][Iter: 0/5]CELoss: 0.26217, loss: 0.26217, top1: 0.93750, batch\_cost: 0.63940s, reader\_cost: 0.59056, ips: 50.04694 images/sec

[2024/03/05 10:08:13] ppcls INFO: [Eval][Epoch 82][Avg]CELoss: 0.19160, loss: 0.19160, top1: 0.94531

[2024/03/05 10:08:13] ppcls INFO: [Eval][Epoch 82][best metric: 0.9609375]

[2024/03/05 10:08:14] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_82

[2024/03/05 10:08:14] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:08:15] ppcls INFO: [Train][Epoch 83/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.71875, CELoss: 0.56641, loss: 0.56641, batch\_cost: 0.74594s, reader\_cost: 0.63072, ips: 42.89902 samples/s, eta: 0:08:58

[2024/03/05 10:08:21] ppcls INFO: [Train][Epoch 83/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.83807, CELoss: 0.41334, loss: 0.41334, batch\_cost: 0.63969s, reader\_cost: 0.53793, ips: 50.02423 samples/s, eta: 0:07:35

[2024/03/05 10:08:27] ppcls INFO: [Train][Epoch 83/120][Avg]top1: 0.83882, CELoss: 0.43034, loss: 0.43034

[2024/03/05 10:08:28] ppcls INFO: [Eval][Epoch 83][Iter: 0/5]CELoss: 0.28857, loss: 0.28857, top1: 0.93750, batch\_cost: 0.61793s, reader\_cost: 0.58903, ips: 51.78559 images/sec

[2024/03/05 10:08:31] ppcls INFO: [Eval][Epoch 83][Avg]CELoss: 0.19438, loss: 0.19438, top1: 0.95312

[2024/03/05 10:08:31] ppcls INFO: [Eval][Epoch 83][best metric: 0.9609375]

[2024/03/05 10:08:32] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_83

[2024/03/05 10:08:32] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:08:33] ppcls INFO: [Train][Epoch 84/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.96875, CELoss: 0.29447, loss: 0.29447, batch\_cost: 0.73370s, reader\_cost: 0.61931, ips: 43.61463 samples/s, eta: 0:08:35

[2024/03/05 10:08:40] ppcls INFO: [Train][Epoch 84/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.89489, CELoss: 0.36775, loss: 0.36775, batch\_cost: 0.74220s, reader\_cost: 0.64565, ips: 43.11507 samples/s, eta: 0:08:34

[2024/03/05 10:08:45] ppcls INFO: [Train][Epoch 84/120][Avg]top1: 0.88980, CELoss: 0.37600, loss: 0.37600

[2024/03/05 10:08:46] ppcls INFO: [Eval][Epoch 84][Iter: 0/5]CELoss: 0.24489, loss: 0.24489, top1: 0.93750, batch\_cost: 0.64633s, reader\_cost: 0.60347, ips: 49.51049 images/sec

[2024/03/05 10:08:49] ppcls INFO: [Eval][Epoch 84][Avg]CELoss: 0.18488, loss: 0.18488, top1: 0.94531

[2024/03/05 10:08:49] ppcls INFO: [Eval][Epoch 84][best metric: 0.9609375]

[2024/03/05 10:08:50] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_84

[2024/03/05 10:08:50] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:08:51] ppcls INFO: [Train][Epoch 85/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.78125, CELoss: 0.60952, loss: 0.60952, batch\_cost: 0.71989s, reader\_cost: 0.61019, ips: 44.45145 samples/s, eta: 0:08:12

[2024/03/05 10:08:58] ppcls INFO: [Train][Epoch 85/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.43600, loss: 0.43600, batch\_cost: 0.65372s, reader\_cost: 0.56003, ips: 48.95086 samples/s, eta: 0:07:20

[2024/03/05 10:09:04] ppcls INFO: [Train][Epoch 85/120][Avg]top1: 0.85855, CELoss: 0.40703, loss: 0.40703

[2024/03/05 10:09:04] ppcls INFO: [Eval][Epoch 85][Iter: 0/5]CELoss: 0.25832, loss: 0.25832, top1: 0.93750, batch\_cost: 0.64509s, reader\_cost: 0.60423, ips: 49.60520 images/sec

[2024/03/05 10:09:07] ppcls INFO: [Eval][Epoch 85][Avg]CELoss: 0.18815, loss: 0.18815, top1: 0.95312

[2024/03/05 10:09:07] ppcls INFO: [Eval][Epoch 85][best metric: 0.9609375]

[2024/03/05 10:09:08] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_85

[2024/03/05 10:09:08] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:09:09] ppcls INFO: [Train][Epoch 86/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.66371, loss: 0.66371, batch\_cost: 0.69451s, reader\_cost: 0.60530, ips: 46.07593 samples/s, eta: 0:07:41

[2024/03/05 10:09:16] ppcls INFO: [Train][Epoch 86/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.83239, CELoss: 0.46352, loss: 0.46352, batch\_cost: 0.73622s, reader\_cost: 0.64154, ips: 43.46528 samples/s, eta: 0:08:02

[2024/03/05 10:09:21] ppcls INFO: [Train][Epoch 86/120][Avg]top1: 0.83224, CELoss: 0.45862, loss: 0.45862

[2024/03/05 10:09:22] ppcls INFO: [Eval][Epoch 86][Iter: 0/5]CELoss: 0.27266, loss: 0.27266, top1: 0.93750, batch\_cost: 0.61266s, reader\_cost: 0.58575, ips: 52.23140 images/sec

[2024/03/05 10:09:25] ppcls INFO: [Eval][Epoch 86][Avg]CELoss: 0.18753, loss: 0.18753, top1: 0.94531

[2024/03/05 10:09:25] ppcls INFO: [Eval][Epoch 86][best metric: 0.9609375]

[2024/03/05 10:09:26] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_86

[2024/03/05 10:09:26] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:09:27] ppcls INFO: [Train][Epoch 87/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.33672, loss: 0.33672, batch\_cost: 0.70299s, reader\_cost: 0.59721, ips: 45.52010 samples/s, eta: 0:07:34

[2024/03/05 10:09:34] ppcls INFO: [Train][Epoch 87/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.85227, CELoss: 0.41375, loss: 0.41375, batch\_cost: 0.75537s, reader\_cost: 0.65437, ips: 42.36336 samples/s, eta: 0:08:00

[2024/03/05 10:09:39] ppcls INFO: [Train][Epoch 87/120][Avg]top1: 0.83717, CELoss: 0.43026, loss: 0.43026

[2024/03/05 10:09:40] ppcls INFO: [Eval][Epoch 87][Iter: 0/5]CELoss: 0.23134, loss: 0.23134, top1: 0.96875, batch\_cost: 0.62730s, reader\_cost: 0.59740, ips: 51.01254 images/sec

[2024/03/05 10:09:43] ppcls INFO: [Eval][Epoch 87][Avg]CELoss: 0.18400, loss: 0.18400, top1: 0.94531

[2024/03/05 10:09:43] ppcls INFO: [Eval][Epoch 87][best metric: 0.9609375]

[2024/03/05 10:09:44] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_87

[2024/03/05 10:09:44] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:09:45] ppcls INFO: [Train][Epoch 88/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.43526, loss: 0.43526, batch\_cost: 0.71611s, reader\_cost: 0.61445, ips: 44.68593 samples/s, eta: 0:07:29

[2024/03/05 10:09:51] ppcls INFO: [Train][Epoch 88/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.41784, loss: 0.41784, batch\_cost: 0.62503s, reader\_cost: 0.53948, ips: 51.19792 samples/s, eta: 0:06:25

[2024/03/05 10:09:57] ppcls INFO: [Train][Epoch 88/120][Avg]top1: 0.84868, CELoss: 0.40360, loss: 0.40360

[2024/03/05 10:09:58] ppcls INFO: [Eval][Epoch 88][Iter: 0/5]CELoss: 0.29369, loss: 0.29369, top1: 0.90625, batch\_cost: 0.61025s, reader\_cost: 0.58135, ips: 52.43726 images/sec

[2024/03/05 10:10:01] ppcls INFO: [Eval][Epoch 88][Avg]CELoss: 0.19298, loss: 0.19298, top1: 0.92969

[2024/03/05 10:10:01] ppcls INFO: [Eval][Epoch 88][best metric: 0.9609375]

[2024/03/05 10:10:02] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_88

[2024/03/05 10:10:02] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:10:03] ppcls INFO: [Train][Epoch 89/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.90625, CELoss: 0.31617, loss: 0.31617, batch\_cost: 0.71283s, reader\_cost: 0.60643, ips: 44.89160 samples/s, eta: 0:07:13

[2024/03/05 10:10:09] ppcls INFO: [Train][Epoch 89/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84659, CELoss: 0.40268, loss: 0.40268, batch\_cost: 0.68908s, reader\_cost: 0.59825, ips: 46.43879 samples/s, eta: 0:06:52

[2024/03/05 10:10:15] ppcls INFO: [Train][Epoch 89/120][Avg]top1: 0.84046, CELoss: 0.40371, loss: 0.40371

[2024/03/05 10:10:16] ppcls INFO: [Eval][Epoch 89][Iter: 0/5]CELoss: 0.29186, loss: 0.29186, top1: 0.90625, batch\_cost: 0.63273s, reader\_cost: 0.58688, ips: 50.57444 images/sec

[2024/03/05 10:10:19] ppcls INFO: [Eval][Epoch 89][Avg]CELoss: 0.19192, loss: 0.19192, top1: 0.93750

[2024/03/05 10:10:19] ppcls INFO: [Eval][Epoch 89][best metric: 0.9609375]

[2024/03/05 10:10:20] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_89

[2024/03/05 10:10:20] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:10:21] ppcls INFO: [Train][Epoch 90/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.78125, CELoss: 0.55433, loss: 0.55433, batch\_cost: 0.73763s, reader\_cost: 0.62150, ips: 43.38196 samples/s, eta: 0:07:14

[2024/03/05 10:10:28] ppcls INFO: [Train][Epoch 90/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.86080, CELoss: 0.41405, loss: 0.41405, batch\_cost: 0.64454s, reader\_cost: 0.55520, ips: 49.64796 samples/s, eta: 0:06:13

[2024/03/05 10:10:33] ppcls INFO: [Train][Epoch 90/120][Avg]top1: 0.85033, CELoss: 0.42776, loss: 0.42776

[2024/03/05 10:10:34] ppcls INFO: [Eval][Epoch 90][Iter: 0/5]CELoss: 0.25606, loss: 0.25606, top1: 0.93750, batch\_cost: 0.63683s, reader\_cost: 0.60892, ips: 50.24909 images/sec

[2024/03/05 10:10:37] ppcls INFO: [Eval][Epoch 90][Avg]CELoss: 0.18364, loss: 0.18364, top1: 0.92969

[2024/03/05 10:10:37] ppcls INFO: [Eval][Epoch 90][best metric: 0.9609375]

[2024/03/05 10:10:38] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_90

[2024/03/05 10:10:38] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:10:39] ppcls INFO: [Train][Epoch 91/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.90625, CELoss: 0.29562, loss: 0.29562, batch\_cost: 0.72820s, reader\_cost: 0.59924, ips: 43.94407 samples/s, eta: 0:06:55

[2024/03/05 10:10:46] ppcls INFO: [Train][Epoch 91/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.86364, CELoss: 0.38539, loss: 0.38539, batch\_cost: 0.63747s, reader\_cost: 0.54295, ips: 50.19856 samples/s, eta: 0:05:56

[2024/03/05 10:10:51] ppcls INFO: [Train][Epoch 91/120][Avg]top1: 0.86513, CELoss: 0.40178, loss: 0.40178

[2024/03/05 10:10:52] ppcls INFO: [Eval][Epoch 91][Iter: 0/5]CELoss: 0.25914, loss: 0.25914, top1: 0.93750, batch\_cost: 0.62708s, reader\_cost: 0.59918, ips: 51.02996 images/sec

[2024/03/05 10:10:55] ppcls INFO: [Eval][Epoch 91][Avg]CELoss: 0.18696, loss: 0.18696, top1: 0.95312

[2024/03/05 10:10:55] ppcls INFO: [Eval][Epoch 91][best metric: 0.9609375]

[2024/03/05 10:10:56] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_91

[2024/03/05 10:10:56] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:10:57] ppcls INFO: [Train][Epoch 92/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.93750, CELoss: 0.20006, loss: 0.20006, batch\_cost: 0.68233s, reader\_cost: 0.56666, ips: 46.89827 samples/s, eta: 0:06:15

[2024/03/05 10:11:04] ppcls INFO: [Train][Epoch 92/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.33475, loss: 0.33475, batch\_cost: 0.63803s, reader\_cost: 0.54539, ips: 50.15407 samples/s, eta: 0:05:45

[2024/03/05 10:11:09] ppcls INFO: [Train][Epoch 92/120][Avg]top1: 0.86349, CELoss: 0.37563, loss: 0.37563

[2024/03/05 10:11:10] ppcls INFO: [Eval][Epoch 92][Iter: 0/5]CELoss: 0.28084, loss: 0.28084, top1: 0.90625, batch\_cost: 0.64646s, reader\_cost: 0.60161, ips: 49.50004 images/sec

[2024/03/05 10:11:13] ppcls INFO: [Eval][Epoch 92][Avg]CELoss: 0.19212, loss: 0.19212, top1: 0.94531

[2024/03/05 10:11:13] ppcls INFO: [Eval][Epoch 92][best metric: 0.9609375]

[2024/03/05 10:11:14] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_92

[2024/03/05 10:11:14] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:11:15] ppcls INFO: [Train][Epoch 93/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.31740, loss: 0.31740, batch\_cost: 0.72729s, reader\_cost: 0.60541, ips: 43.99872 samples/s, eta: 0:06:26

[2024/03/05 10:11:22] ppcls INFO: [Train][Epoch 93/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.86364, CELoss: 0.36675, loss: 0.36675, batch\_cost: 0.75768s, reader\_cost: 0.66657, ips: 42.23398 samples/s, eta: 0:06:35

[2024/03/05 10:11:27] ppcls INFO: [Train][Epoch 93/120][Avg]top1: 0.85197, CELoss: 0.38366, loss: 0.38366

[2024/03/05 10:11:28] ppcls INFO: [Eval][Epoch 93][Iter: 0/5]CELoss: 0.24157, loss: 0.24157, top1: 0.93750, batch\_cost: 0.63379s, reader\_cost: 0.60688, ips: 50.49012 images/sec

[2024/03/05 10:11:31] ppcls INFO: [Eval][Epoch 93][Avg]CELoss: 0.18168, loss: 0.18168, top1: 0.95312

[2024/03/05 10:11:31] ppcls INFO: [Eval][Epoch 93][best metric: 0.9609375]

[2024/03/05 10:11:32] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_93

[2024/03/05 10:11:32] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:11:33] ppcls INFO: [Train][Epoch 94/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84375, CELoss: 0.40668, loss: 0.40668, batch\_cost: 0.70831s, reader\_cost: 0.59995, ips: 45.17816 samples/s, eta: 0:06:03

[2024/03/05 10:11:40] ppcls INFO: [Train][Epoch 94/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.84091, CELoss: 0.50209, loss: 0.50209, batch\_cost: 0.69760s, reader\_cost: 0.60250, ips: 45.87127 samples/s, eta: 0:05:50

[2024/03/05 10:11:45] ppcls INFO: [Train][Epoch 94/120][Avg]top1: 0.85033, CELoss: 0.46108, loss: 0.46108

[2024/03/05 10:11:46] ppcls INFO: [Eval][Epoch 94][Iter: 0/5]CELoss: 0.26416, loss: 0.26416, top1: 0.93750, batch\_cost: 0.62102s, reader\_cost: 0.59212, ips: 51.52781 images/sec

[2024/03/05 10:11:49] ppcls INFO: [Eval][Epoch 94][Avg]CELoss: 0.18611, loss: 0.18611, top1: 0.95312

[2024/03/05 10:11:49] ppcls INFO: [Eval][Epoch 94][best metric: 0.9609375]

[2024/03/05 10:11:49] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_94

[2024/03/05 10:11:50] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:11:51] ppcls INFO: [Train][Epoch 95/120][Iter: 0/19]lr(PiecewiseDecay): 0.00100000, top1: 0.71875, CELoss: 0.44216, loss: 0.44216, batch\_cost: 0.71830s, reader\_cost: 0.60901, ips: 44.54959 samples/s, eta: 0:05:54

[2024/03/05 10:11:58] ppcls INFO: [Train][Epoch 95/120][Iter: 10/19]lr(PiecewiseDecay): 0.00100000, top1: 0.85227, CELoss: 0.38399, loss: 0.38399, batch\_cost: 0.70971s, reader\_cost: 0.60821, ips: 45.08906 samples/s, eta: 0:05:43

[2024/03/05 10:12:03] ppcls INFO: [Train][Epoch 95/120][Avg]top1: 0.85691, CELoss: 0.37650, loss: 0.37650

[2024/03/05 10:12:04] ppcls INFO: [Eval][Epoch 95][Iter: 0/5]CELoss: 0.28540, loss: 0.28540, top1: 0.93750, batch\_cost: 0.63378s, reader\_cost: 0.60587, ips: 50.49109 images/sec

[2024/03/05 10:12:07] ppcls INFO: [Eval][Epoch 95][Avg]CELoss: 0.19081, loss: 0.19081, top1: 0.95312

[2024/03/05 10:12:07] ppcls INFO: [Eval][Epoch 95][best metric: 0.9609375]

[2024/03/05 10:12:07] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_95

[2024/03/05 10:12:08] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:12:09] ppcls INFO: [Train][Epoch 96/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.75000, CELoss: 0.55724, loss: 0.55724, batch\_cost: 0.72371s, reader\_cost: 0.61000, ips: 44.21631 samples/s, eta: 0:05:43

[2024/03/05 10:12:15] ppcls INFO: [Train][Epoch 96/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.83239, CELoss: 0.45724, loss: 0.45724, batch\_cost: 0.68675s, reader\_cost: 0.58953, ips: 46.59641 samples/s, eta: 0:05:19

[2024/03/05 10:12:21] ppcls INFO: [Train][Epoch 96/120][Avg]top1: 0.83059, CELoss: 0.44490, loss: 0.44490

[2024/03/05 10:12:22] ppcls INFO: [Eval][Epoch 96][Iter: 0/5]CELoss: 0.33977, loss: 0.33977, top1: 0.90625, batch\_cost: 0.62989s, reader\_cost: 0.58504, ips: 50.80216 images/sec

[2024/03/05 10:12:25] ppcls INFO: [Eval][Epoch 96][Avg]CELoss: 0.20247, loss: 0.20247, top1: 0.94531

[2024/03/05 10:12:25] ppcls INFO: [Eval][Epoch 96][best metric: 0.9609375]

[2024/03/05 10:12:25] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_96

[2024/03/05 10:12:26] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:12:27] ppcls INFO: [Train][Epoch 97/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.90625, CELoss: 0.39918, loss: 0.39918, batch\_cost: 0.72201s, reader\_cost: 0.60852, ips: 44.32087 samples/s, eta: 0:05:29

[2024/03/05 10:12:33] ppcls INFO: [Train][Epoch 97/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.84091, CELoss: 0.43629, loss: 0.43629, batch\_cost: 0.67483s, reader\_cost: 0.57671, ips: 47.41919 samples/s, eta: 0:05:00

[2024/03/05 10:12:39] ppcls INFO: [Train][Epoch 97/120][Avg]top1: 0.86349, CELoss: 0.40313, loss: 0.40313

[2024/03/05 10:12:40] ppcls INFO: [Eval][Epoch 97][Iter: 0/5]CELoss: 0.31179, loss: 0.31179, top1: 0.90625, batch\_cost: 0.60996s, reader\_cost: 0.58006, ips: 52.46247 images/sec

[2024/03/05 10:12:43] ppcls INFO: [Eval][Epoch 97][Avg]CELoss: 0.19557, loss: 0.19557, top1: 0.94531

[2024/03/05 10:12:43] ppcls INFO: [Eval][Epoch 97][best metric: 0.9609375]

[2024/03/05 10:12:43] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_97

[2024/03/05 10:12:44] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:12:45] ppcls INFO: [Train][Epoch 98/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.87500, CELoss: 0.24870, loss: 0.24870, batch\_cost: 0.71553s, reader\_cost: 0.60020, ips: 44.72212 samples/s, eta: 0:05:12

[2024/03/05 10:12:51] ppcls INFO: [Train][Epoch 98/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.82386, CELoss: 0.43457, loss: 0.43457, batch\_cost: 0.62022s, reader\_cost: 0.52877, ips: 51.59480 samples/s, eta: 0:04:24

[2024/03/05 10:12:57] ppcls INFO: [Train][Epoch 98/120][Avg]top1: 0.84211, CELoss: 0.42252, loss: 0.42252

[2024/03/05 10:12:58] ppcls INFO: [Eval][Epoch 98][Iter: 0/5]CELoss: 0.27851, loss: 0.27851, top1: 0.93750, batch\_cost: 0.61942s, reader\_cost: 0.59251, ips: 51.66151 images/sec

[2024/03/05 10:13:01] ppcls INFO: [Eval][Epoch 98][Avg]CELoss: 0.18992, loss: 0.18992, top1: 0.94531

[2024/03/05 10:13:01] ppcls INFO: [Eval][Epoch 98][best metric: 0.9609375]

[2024/03/05 10:13:01] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_98

[2024/03/05 10:13:02] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:13:03] ppcls INFO: [Train][Epoch 99/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.81250, CELoss: 0.58338, loss: 0.58338, batch\_cost: 0.72346s, reader\_cost: 0.61436, ips: 44.23206 samples/s, eta: 0:05:02

[2024/03/05 10:13:10] ppcls INFO: [Train][Epoch 99/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.83239, CELoss: 0.44252, loss: 0.44252, batch\_cost: 0.75050s, reader\_cost: 0.64518, ips: 42.63823 samples/s, eta: 0:05:06

[2024/03/05 10:13:15] ppcls INFO: [Train][Epoch 99/120][Avg]top1: 0.83882, CELoss: 0.43309, loss: 0.43309

[2024/03/05 10:13:16] ppcls INFO: [Eval][Epoch 99][Iter: 0/5]CELoss: 0.29392, loss: 0.29392, top1: 0.90625, batch\_cost: 0.62456s, reader\_cost: 0.58369, ips: 51.23643 images/sec

[2024/03/05 10:13:19] ppcls INFO: [Eval][Epoch 99][Avg]CELoss: 0.19517, loss: 0.19517, top1: 0.94531

[2024/03/05 10:13:19] ppcls INFO: [Eval][Epoch 99][best metric: 0.9609375]

[2024/03/05 10:13:19] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_99

[2024/03/05 10:13:20] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:13:21] ppcls INFO: [Train][Epoch 100/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.96875, CELoss: 0.20669, loss: 0.20669, batch\_cost: 0.73098s, reader\_cost: 0.60927, ips: 43.77687 samples/s, eta: 0:04:51

[2024/03/05 10:13:28] ppcls INFO: [Train][Epoch 100/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.84659, CELoss: 0.41908, loss: 0.41908, batch\_cost: 0.68242s, reader\_cost: 0.58225, ips: 46.89202 samples/s, eta: 0:04:25

[2024/03/05 10:13:33] ppcls INFO: [Train][Epoch 100/120][Avg]top1: 0.84375, CELoss: 0.41345, loss: 0.41345

[2024/03/05 10:13:34] ppcls INFO: [Eval][Epoch 100][Iter: 0/5]CELoss: 0.26923, loss: 0.26923, top1: 0.93750, batch\_cost: 0.62935s, reader\_cost: 0.58649, ips: 50.84619 images/sec

[2024/03/05 10:13:37] ppcls INFO: [Eval][Epoch 100][Avg]CELoss: 0.18994, loss: 0.18994, top1: 0.95312

[2024/03/05 10:13:37] ppcls INFO: [Eval][Epoch 100][best metric: 0.9609375]

[2024/03/05 10:13:37] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_100

[2024/03/05 10:13:38] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:13:39] ppcls INFO: [Train][Epoch 101/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.78125, CELoss: 0.41564, loss: 0.41564, batch\_cost: 0.71634s, reader\_cost: 0.60432, ips: 44.67176 samples/s, eta: 0:04:32

[2024/03/05 10:13:45] ppcls INFO: [Train][Epoch 101/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.86364, CELoss: 0.38037, loss: 0.38037, batch\_cost: 0.65284s, reader\_cost: 0.55984, ips: 49.01694 samples/s, eta: 0:04:01

[2024/03/05 10:13:51] ppcls INFO: [Train][Epoch 101/120][Avg]top1: 0.86842, CELoss: 0.38425, loss: 0.38425

[2024/03/05 10:13:52] ppcls INFO: [Eval][Epoch 101][Iter: 0/5]CELoss: 0.29468, loss: 0.29468, top1: 0.90625, batch\_cost: 0.60703s, reader\_cost: 0.57812, ips: 52.71598 images/sec

[2024/03/05 10:13:55] ppcls INFO: [Eval][Epoch 101][Avg]CELoss: 0.19239, loss: 0.19239, top1: 0.93750

[2024/03/05 10:13:55] ppcls INFO: [Eval][Epoch 101][best metric: 0.9609375]

[2024/03/05 10:13:55] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_101

[2024/03/05 10:13:56] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:13:56] ppcls INFO: [Train][Epoch 102/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.87500, CELoss: 0.31053, loss: 0.31053, batch\_cost: 0.69405s, reader\_cost: 0.60147, ips: 46.10612 samples/s, eta: 0:04:10

[2024/03/05 10:14:03] ppcls INFO: [Train][Epoch 102/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.89205, CELoss: 0.39123, loss: 0.39123, batch\_cost: 0.74493s, reader\_cost: 0.64076, ips: 42.95722 samples/s, eta: 0:04:21

[2024/03/05 10:14:09] ppcls INFO: [Train][Epoch 102/120][Avg]top1: 0.86842, CELoss: 0.41255, loss: 0.41255

[2024/03/05 10:14:10] ppcls INFO: [Eval][Epoch 102][Iter: 0/5]CELoss: 0.28325, loss: 0.28325, top1: 0.90625, batch\_cost: 0.62603s, reader\_cost: 0.59812, ips: 51.11594 images/sec

[2024/03/05 10:14:13] ppcls INFO: [Eval][Epoch 102][Avg]CELoss: 0.19395, loss: 0.19395, top1: 0.93750

[2024/03/05 10:14:13] ppcls INFO: [Eval][Epoch 102][best metric: 0.9609375]

[2024/03/05 10:14:13] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_102

[2024/03/05 10:14:14] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:14:15] ppcls INFO: [Train][Epoch 103/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.84375, CELoss: 0.31909, loss: 0.31909, batch\_cost: 0.73906s, reader\_cost: 0.60931, ips: 43.29803 samples/s, eta: 0:04:12

[2024/03/05 10:14:21] ppcls INFO: [Train][Epoch 103/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.83807, CELoss: 0.41380, loss: 0.41380, batch\_cost: 0.66712s, reader\_cost: 0.54966, ips: 47.96715 samples/s, eta: 0:03:41

[2024/03/05 10:14:27] ppcls INFO: [Train][Epoch 103/120][Avg]top1: 0.84704, CELoss: 0.41838, loss: 0.41838

[2024/03/05 10:14:28] ppcls INFO: [Eval][Epoch 103][Iter: 0/5]CELoss: 0.27173, loss: 0.27173, top1: 0.93750, batch\_cost: 0.62139s, reader\_cost: 0.59249, ips: 51.49754 images/sec

[2024/03/05 10:14:31] ppcls INFO: [Eval][Epoch 103][Avg]CELoss: 0.18899, loss: 0.18899, top1: 0.94531

[2024/03/05 10:14:31] ppcls INFO: [Eval][Epoch 103][best metric: 0.9609375]

[2024/03/05 10:14:31] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_103

[2024/03/05 10:14:32] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:14:33] ppcls INFO: [Train][Epoch 104/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.90625, CELoss: 0.31327, loss: 0.31327, batch\_cost: 0.73056s, reader\_cost: 0.60707, ips: 43.80218 samples/s, eta: 0:03:55

[2024/03/05 10:14:40] ppcls INFO: [Train][Epoch 104/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.83523, CELoss: 0.46406, loss: 0.46406, batch\_cost: 0.68933s, reader\_cost: 0.59057, ips: 46.42222 samples/s, eta: 0:03:35

[2024/03/05 10:14:45] ppcls INFO: [Train][Epoch 104/120][Avg]top1: 0.83224, CELoss: 0.43898, loss: 0.43898

[2024/03/05 10:14:46] ppcls INFO: [Eval][Epoch 104][Iter: 0/5]CELoss: 0.29464, loss: 0.29464, top1: 0.90625, batch\_cost: 0.62841s, reader\_cost: 0.59951, ips: 50.92233 images/sec

[2024/03/05 10:14:49] ppcls INFO: [Eval][Epoch 104][Avg]CELoss: 0.19131, loss: 0.19131, top1: 0.93750

[2024/03/05 10:14:49] ppcls INFO: [Eval][Epoch 104][best metric: 0.9609375]

[2024/03/05 10:14:49] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_104

[2024/03/05 10:14:50] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:14:50] ppcls INFO: [Train][Epoch 105/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.78125, CELoss: 0.80192, loss: 0.80192, batch\_cost: 0.68755s, reader\_cost: 0.57031, ips: 46.54211 samples/s, eta: 0:03:29

[2024/03/05 10:14:57] ppcls INFO: [Train][Epoch 105/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.87500, CELoss: 0.37816, loss: 0.37816, batch\_cost: 0.71719s, reader\_cost: 0.60174, ips: 44.61880 samples/s, eta: 0:03:30

[2024/03/05 10:15:03] ppcls INFO: [Train][Epoch 105/120][Avg]top1: 0.86349, CELoss: 0.39756, loss: 0.39756

[2024/03/05 10:15:04] ppcls INFO: [Eval][Epoch 105][Iter: 0/5]CELoss: 0.29587, loss: 0.29587, top1: 0.93750, batch\_cost: 0.65659s, reader\_cost: 0.61494, ips: 48.73662 images/sec

[2024/03/05 10:15:07] ppcls INFO: [Eval][Epoch 105][Avg]CELoss: 0.19193, loss: 0.19193, top1: 0.95312

[2024/03/05 10:15:07] ppcls INFO: [Eval][Epoch 105][best metric: 0.9609375]

[2024/03/05 10:15:07] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_105

[2024/03/05 10:15:07] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:15:08] ppcls INFO: [Train][Epoch 106/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.96875, CELoss: 0.19071, loss: 0.19071, batch\_cost: 0.70983s, reader\_cost: 0.60491, ips: 45.08132 samples/s, eta: 0:03:22

[2024/03/05 10:15:15] ppcls INFO: [Train][Epoch 106/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.85795, CELoss: 0.42987, loss: 0.42987, batch\_cost: 0.61106s, reader\_cost: 0.52709, ips: 52.36791 samples/s, eta: 0:02:48

[2024/03/05 10:15:21] ppcls INFO: [Train][Epoch 106/120][Avg]top1: 0.86842, CELoss: 0.40573, loss: 0.40573

[2024/03/05 10:15:21] ppcls INFO: [Eval][Epoch 106][Iter: 0/5]CELoss: 0.28303, loss: 0.28303, top1: 0.93750, batch\_cost: 0.62143s, reader\_cost: 0.59153, ips: 51.49388 images/sec

[2024/03/05 10:15:25] ppcls INFO: [Eval][Epoch 106][Avg]CELoss: 0.18987, loss: 0.18987, top1: 0.94531

[2024/03/05 10:15:25] ppcls INFO: [Eval][Epoch 106][best metric: 0.9609375]

[2024/03/05 10:15:25] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_106

[2024/03/05 10:15:25] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:15:27] ppcls INFO: [Train][Epoch 107/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.84375, CELoss: 0.34110, loss: 0.34110, batch\_cost: 0.71796s, reader\_cost: 0.60961, ips: 44.57104 samples/s, eta: 0:03:10

[2024/03/05 10:15:33] ppcls INFO: [Train][Epoch 107/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.83807, CELoss: 0.42566, loss: 0.42566, batch\_cost: 0.61254s, reader\_cost: 0.51238, ips: 52.24127 samples/s, eta: 0:02:36

[2024/03/05 10:15:39] ppcls INFO: [Train][Epoch 107/120][Avg]top1: 0.85197, CELoss: 0.39346, loss: 0.39346

[2024/03/05 10:15:39] ppcls INFO: [Eval][Epoch 107][Iter: 0/5]CELoss: 0.23575, loss: 0.23575, top1: 0.93750, batch\_cost: 0.61742s, reader\_cost: 0.58752, ips: 51.82896 images/sec

[2024/03/05 10:15:43] ppcls INFO: [Eval][Epoch 107][Avg]CELoss: 0.18197, loss: 0.18197, top1: 0.94531

[2024/03/05 10:15:43] ppcls INFO: [Eval][Epoch 107][best metric: 0.9609375]

[2024/03/05 10:15:43] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_107

[2024/03/05 10:15:43] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:15:44] ppcls INFO: [Train][Epoch 108/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.87500, CELoss: 0.38838, loss: 0.38838, batch\_cost: 0.69393s, reader\_cost: 0.59001, ips: 46.11434 samples/s, eta: 0:02:51

[2024/03/05 10:15:51] ppcls INFO: [Train][Epoch 108/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.84375, CELoss: 0.46651, loss: 0.46651, batch\_cost: 0.78321s, reader\_cost: 0.67325, ips: 40.85741 samples/s, eta: 0:03:05

[2024/03/05 10:15:57] ppcls INFO: [Train][Epoch 108/120][Avg]top1: 0.85362, CELoss: 0.43736, loss: 0.43736

[2024/03/05 10:15:57] ppcls INFO: [Eval][Epoch 108][Iter: 0/5]CELoss: 0.26303, loss: 0.26303, top1: 0.93750, batch\_cost: 0.62342s, reader\_cost: 0.59452, ips: 51.32988 images/sec

[2024/03/05 10:16:01] ppcls INFO: [Eval][Epoch 108][Avg]CELoss: 0.18669, loss: 0.18669, top1: 0.95312

[2024/03/05 10:16:01] ppcls INFO: [Eval][Epoch 108][best metric: 0.9609375]

[2024/03/05 10:16:01] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_108

[2024/03/05 10:16:01] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:16:02] ppcls INFO: [Train][Epoch 109/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.81250, CELoss: 0.43385, loss: 0.43385, batch\_cost: 0.75482s, reader\_cost: 0.64017, ips: 42.39409 samples/s, eta: 0:02:52

[2024/03/05 10:16:09] ppcls INFO: [Train][Epoch 109/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.86932, CELoss: 0.36898, loss: 0.36898, batch\_cost: 0.71883s, reader\_cost: 0.62316, ips: 44.51667 samples/s, eta: 0:02:36

[2024/03/05 10:16:15] ppcls INFO: [Train][Epoch 109/120][Avg]top1: 0.86842, CELoss: 0.36930, loss: 0.36930

[2024/03/05 10:16:15] ppcls INFO: [Eval][Epoch 109][Iter: 0/5]CELoss: 0.26050, loss: 0.26050, top1: 0.93750, batch\_cost: 0.63706s, reader\_cost: 0.59321, ips: 50.23075 images/sec

[2024/03/05 10:16:18] ppcls INFO: [Eval][Epoch 109][Avg]CELoss: 0.18579, loss: 0.18579, top1: 0.94531

[2024/03/05 10:16:18] ppcls INFO: [Eval][Epoch 109][best metric: 0.9609375]

[2024/03/05 10:16:19] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_109

[2024/03/05 10:16:19] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:16:20] ppcls INFO: [Train][Epoch 110/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.93750, CELoss: 0.21916, loss: 0.21916, batch\_cost: 0.71631s, reader\_cost: 0.60870, ips: 44.67337 samples/s, eta: 0:02:29

[2024/03/05 10:16:27] ppcls INFO: [Train][Epoch 110/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.87500, CELoss: 0.32207, loss: 0.32207, batch\_cost: 0.62789s, reader\_cost: 0.53532, ips: 50.96454 samples/s, eta: 0:02:04

[2024/03/05 10:16:33] ppcls INFO: [Train][Epoch 110/120][Avg]top1: 0.86678, CELoss: 0.34334, loss: 0.34334

[2024/03/05 10:16:33] ppcls INFO: [Eval][Epoch 110][Iter: 0/5]CELoss: 0.24120, loss: 0.24120, top1: 0.93750, batch\_cost: 0.61793s, reader\_cost: 0.58903, ips: 51.78553 images/sec

[2024/03/05 10:16:37] ppcls INFO: [Eval][Epoch 110][Avg]CELoss: 0.18336, loss: 0.18336, top1: 0.94531

[2024/03/05 10:16:37] ppcls INFO: [Eval][Epoch 110][best metric: 0.9609375]

[2024/03/05 10:16:37] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_110

[2024/03/05 10:16:37] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:16:38] ppcls INFO: [Train][Epoch 111/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.75000, CELoss: 0.61048, loss: 0.61048, batch\_cost: 0.69078s, reader\_cost: 0.57503, ips: 46.32432 samples/s, eta: 0:02:11

[2024/03/05 10:16:45] ppcls INFO: [Train][Epoch 111/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.81250, CELoss: 0.48046, loss: 0.48046, batch\_cost: 0.70532s, reader\_cost: 0.60465, ips: 45.36975 samples/s, eta: 0:02:06

[2024/03/05 10:16:51] ppcls INFO: [Train][Epoch 111/120][Avg]top1: 0.84046, CELoss: 0.42997, loss: 0.42997

[2024/03/05 10:16:51] ppcls INFO: [Eval][Epoch 111][Iter: 0/5]CELoss: 0.26145, loss: 0.26145, top1: 0.93750, batch\_cost: 0.63311s, reader\_cost: 0.59324, ips: 50.54419 images/sec

[2024/03/05 10:16:55] ppcls INFO: [Eval][Epoch 111][Avg]CELoss: 0.18632, loss: 0.18632, top1: 0.94531

[2024/03/05 10:16:55] ppcls INFO: [Eval][Epoch 111][best metric: 0.9609375]

[2024/03/05 10:16:55] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_111

[2024/03/05 10:16:55] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:16:56] ppcls INFO: [Train][Epoch 112/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.84375, CELoss: 0.45503, loss: 0.45503, batch\_cost: 0.73379s, reader\_cost: 0.61878, ips: 43.60904 samples/s, eta: 0:02:05

[2024/03/05 10:17:03] ppcls INFO: [Train][Epoch 112/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.85227, CELoss: 0.39060, loss: 0.39060, batch\_cost: 0.71241s, reader\_cost: 0.59547, ips: 44.91791 samples/s, eta: 0:01:54

[2024/03/05 10:17:09] ppcls INFO: [Train][Epoch 112/120][Avg]top1: 0.85362, CELoss: 0.41438, loss: 0.41438

[2024/03/05 10:17:09] ppcls INFO: [Eval][Epoch 112][Iter: 0/5]CELoss: 0.28325, loss: 0.28325, top1: 0.90625, batch\_cost: 0.61994s, reader\_cost: 0.59302, ips: 51.61825 images/sec

[2024/03/05 10:17:13] ppcls INFO: [Eval][Epoch 112][Avg]CELoss: 0.19044, loss: 0.19044, top1: 0.94531

[2024/03/05 10:17:13] ppcls INFO: [Eval][Epoch 112][best metric: 0.9609375]

[2024/03/05 10:17:13] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_112

[2024/03/05 10:17:13] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:17:14] ppcls INFO: [Train][Epoch 113/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.81250, CELoss: 0.41344, loss: 0.41344, batch\_cost: 0.71226s, reader\_cost: 0.59222, ips: 44.92753 samples/s, eta: 0:01:48

[2024/03/05 10:17:22] ppcls INFO: [Train][Epoch 113/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.85511, CELoss: 0.43101, loss: 0.43101, batch\_cost: 0.72530s, reader\_cost: 0.62486, ips: 44.11964 samples/s, eta: 0:01:42

[2024/03/05 10:17:27] ppcls INFO: [Train][Epoch 113/120][Avg]top1: 0.84868, CELoss: 0.44410, loss: 0.44410

[2024/03/05 10:17:27] ppcls INFO: [Eval][Epoch 113][Iter: 0/5]CELoss: 0.26118, loss: 0.26118, top1: 0.93750, batch\_cost: 0.62594s, reader\_cost: 0.59903, ips: 51.12299 images/sec

[2024/03/05 10:17:31] ppcls INFO: [Eval][Epoch 113][Avg]CELoss: 0.18488, loss: 0.18488, top1: 0.94531

[2024/03/05 10:17:31] ppcls INFO: [Eval][Epoch 113][best metric: 0.9609375]

[2024/03/05 10:17:31] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_113

[2024/03/05 10:17:31] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:17:32] ppcls INFO: [Train][Epoch 114/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.84375, CELoss: 0.39266, loss: 0.39266, batch\_cost: 0.69406s, reader\_cost: 0.58586, ips: 46.10576 samples/s, eta: 0:01:32

[2024/03/05 10:17:40] ppcls INFO: [Train][Epoch 114/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.85227, CELoss: 0.39521, loss: 0.39521, batch\_cost: 0.71447s, reader\_cost: 0.60965, ips: 44.78858 samples/s, eta: 0:01:27

[2024/03/05 10:17:45] ppcls INFO: [Train][Epoch 114/120][Avg]top1: 0.85197, CELoss: 0.37384, loss: 0.37384

[2024/03/05 10:17:45] ppcls INFO: [Eval][Epoch 114][Iter: 0/5]CELoss: 0.29973, loss: 0.29973, top1: 0.90625, batch\_cost: 0.64526s, reader\_cost: 0.60237, ips: 49.59251 images/sec

[2024/03/05 10:17:49] ppcls INFO: [Eval][Epoch 114][Avg]CELoss: 0.19702, loss: 0.19702, top1: 0.94531

[2024/03/05 10:17:49] ppcls INFO: [Eval][Epoch 114][best metric: 0.9609375]

[2024/03/05 10:17:49] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_114

[2024/03/05 10:17:49] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:17:50] ppcls INFO: [Train][Epoch 115/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.90625, CELoss: 0.27857, loss: 0.27857, batch\_cost: 0.69933s, reader\_cost: 0.58487, ips: 45.75803 samples/s, eta: 0:01:19

[2024/03/05 10:17:57] ppcls INFO: [Train][Epoch 115/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.87500, CELoss: 0.36270, loss: 0.36270, batch\_cost: 0.62877s, reader\_cost: 0.53375, ips: 50.89341 samples/s, eta: 0:01:05

[2024/03/05 10:18:03] ppcls INFO: [Train][Epoch 115/120][Avg]top1: 0.85855, CELoss: 0.39141, loss: 0.39141

[2024/03/05 10:18:03] ppcls INFO: [Eval][Epoch 115][Iter: 0/5]CELoss: 0.28537, loss: 0.28537, top1: 0.90625, batch\_cost: 0.62192s, reader\_cost: 0.59501, ips: 51.45363 images/sec

[2024/03/05 10:18:07] ppcls INFO: [Eval][Epoch 115][Avg]CELoss: 0.19401, loss: 0.19401, top1: 0.94531

[2024/03/05 10:18:07] ppcls INFO: [Eval][Epoch 115][best metric: 0.9609375]

[2024/03/05 10:18:07] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_115

[2024/03/05 10:18:07] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:18:08] ppcls INFO: [Train][Epoch 116/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.84375, CELoss: 0.43297, loss: 0.43297, batch\_cost: 0.68143s, reader\_cost: 0.57693, ips: 46.96041 samples/s, eta: 0:01:04

[2024/03/05 10:18:15] ppcls INFO: [Train][Epoch 116/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.86364, CELoss: 0.42476, loss: 0.42476, batch\_cost: 0.66250s, reader\_cost: 0.57386, ips: 48.30198 samples/s, eta: 0:00:56

[2024/03/05 10:18:21] ppcls INFO: [Train][Epoch 116/120][Avg]top1: 0.85691, CELoss: 0.41833, loss: 0.41833

[2024/03/05 10:18:21] ppcls INFO: [Eval][Epoch 116][Iter: 0/5]CELoss: 0.25769, loss: 0.25769, top1: 0.93750, batch\_cost: 0.62795s, reader\_cost: 0.58708, ips: 50.95973 images/sec

[2024/03/05 10:18:25] ppcls INFO: [Eval][Epoch 116][Avg]CELoss: 0.18954, loss: 0.18954, top1: 0.94531

[2024/03/05 10:18:25] ppcls INFO: [Eval][Epoch 116][best metric: 0.9609375]

[2024/03/05 10:18:25] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_116

[2024/03/05 10:18:25] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:18:26] ppcls INFO: [Train][Epoch 117/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.90625, CELoss: 0.42767, loss: 0.42767, batch\_cost: 0.73820s, reader\_cost: 0.62624, ips: 43.34893 samples/s, eta: 0:00:56

[2024/03/05 10:18:33] ppcls INFO: [Train][Epoch 117/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.84943, CELoss: 0.43824, loss: 0.43824, batch\_cost: 0.71881s, reader\_cost: 0.61449, ips: 44.51813 samples/s, eta: 0:00:47

[2024/03/05 10:18:39] ppcls INFO: [Train][Epoch 117/120][Avg]top1: 0.84375, CELoss: 0.43262, loss: 0.43262

[2024/03/05 10:18:39] ppcls INFO: [Eval][Epoch 117][Iter: 0/5]CELoss: 0.25023, loss: 0.25023, top1: 0.93750, batch\_cost: 0.64086s, reader\_cost: 0.59701, ips: 49.93273 images/sec

[2024/03/05 10:18:43] ppcls INFO: [Eval][Epoch 117][Avg]CELoss: 0.18507, loss: 0.18507, top1: 0.95312

[2024/03/05 10:18:43] ppcls INFO: [Eval][Epoch 117][best metric: 0.9609375]

[2024/03/05 10:18:43] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_117

[2024/03/05 10:18:43] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:18:44] ppcls INFO: [Train][Epoch 118/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.84375, CELoss: 0.39987, loss: 0.39987, batch\_cost: 0.71721s, reader\_cost: 0.60306, ips: 44.61750 samples/s, eta: 0:00:40

[2024/03/05 10:18:51] ppcls INFO: [Train][Epoch 118/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.85227, CELoss: 0.43123, loss: 0.43123, batch\_cost: 0.69564s, reader\_cost: 0.59514, ips: 46.00095 samples/s, eta: 0:00:32

[2024/03/05 10:18:57] ppcls INFO: [Train][Epoch 118/120][Avg]top1: 0.85691, CELoss: 0.41637, loss: 0.41637

[2024/03/05 10:18:57] ppcls INFO: [Eval][Epoch 118][Iter: 0/5]CELoss: 0.25018, loss: 0.25018, top1: 0.93750, batch\_cost: 0.60944s, reader\_cost: 0.58253, ips: 52.50750 images/sec

[2024/03/05 10:19:00] ppcls INFO: [Eval][Epoch 118][Avg]CELoss: 0.18498, loss: 0.18498, top1: 0.94531

[2024/03/05 10:19:00] ppcls INFO: [Eval][Epoch 118][best metric: 0.9609375]

[2024/03/05 10:19:01] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_118

[2024/03/05 10:19:01] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:19:02] ppcls INFO: [Train][Epoch 119/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.84375, CELoss: 0.37710, loss: 0.37710, batch\_cost: 0.73369s, reader\_cost: 0.62063, ips: 43.61514 samples/s, eta: 0:00:27

[2024/03/05 10:19:09] ppcls INFO: [Train][Epoch 119/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.84091, CELoss: 0.44779, loss: 0.44779, batch\_cost: 0.70950s, reader\_cost: 0.61666, ips: 45.10226 samples/s, eta: 0:00:19

[2024/03/05 10:19:14] ppcls INFO: [Train][Epoch 119/120][Avg]top1: 0.84539, CELoss: 0.44078, loss: 0.44078

[2024/03/05 10:19:15] ppcls INFO: [Eval][Epoch 119][Iter: 0/5]CELoss: 0.25464, loss: 0.25464, top1: 0.93750, batch\_cost: 0.62207s, reader\_cost: 0.59417, ips: 51.44076 images/sec

[2024/03/05 10:19:18] ppcls INFO: [Eval][Epoch 119][Avg]CELoss: 0.18222, loss: 0.18222, top1: 0.94531

[2024/03/05 10:19:18] ppcls INFO: [Eval][Epoch 119][best metric: 0.9609375]

[2024/03/05 10:19:19] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_119

[2024/03/05 10:19:19] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:19:20] ppcls INFO: [Train][Epoch 120/120][Iter: 0/19]lr(PiecewiseDecay): 0.00010000, top1: 0.87500, CELoss: 0.40007, loss: 0.40007, batch\_cost: 0.72495s, reader\_cost: 0.61101, ips: 44.14087 samples/s, eta: 0:00:13

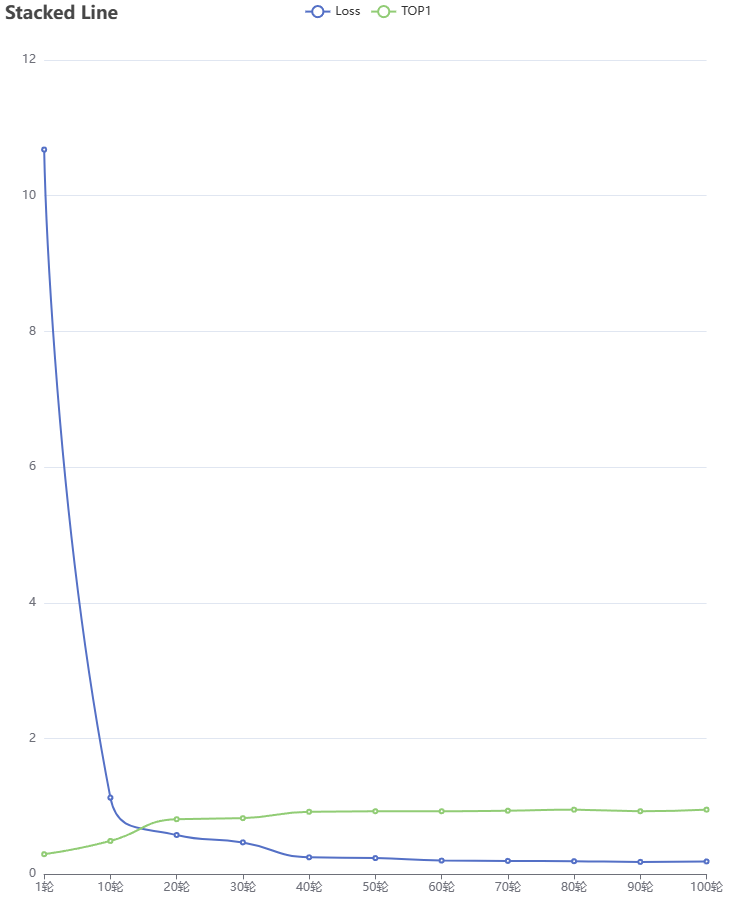
[2024/03/05 10:19:27] ppcls INFO: [Train][Epoch 120/120][Iter: 10/19]lr(PiecewiseDecay): 0.00010000, top1: 0.82955, CELoss: 0.48117, loss: 0.48117, batch\_cost: 0.64518s, reader\_cost: 0.55598, ips: 49.59836 samples/s, eta: 0:00:05

[2024/03/05 10:19:32] ppcls INFO: [Train][Epoch 120/120][Avg]top1: 0.85033, CELoss: 0.45298, loss: 0.45298

[2024/03/05 10:19:33] ppcls INFO: [Eval][Epoch 120][Iter: 0/5]CELoss: 0.30009, loss: 0.30009, top1: 0.90625, batch\_cost: 0.64584s, reader\_cost: 0.60099, ips: 49.54817 images/sec

[2024/03/05 10:19:36] ppcls INFO: [Eval][Epoch 120][Avg]CELoss: 0.19280, loss: 0.19280, top1: 0.93750

[2024/03/05 10:19:36] ppcls INFO: [Eval][Epoch 120][best metric: 0.9609375]



##### 1.5.2.9 ResNet50-16

[2024/03/05 10:55:54] ppcls INFO: [Train][Epoch 1/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.06250, CELoss: 2.05364, loss: 2.05364, batch\_cost: 2.67336s, reader\_cost: 0.36734, ips: 5.98499 samples/s, eta: 3:23:10

[2024/03/05 10:55:57] ppcls INFO: [Train][Epoch 1/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.26136, CELoss: 27.98193, loss: 27.98193, batch\_cost: 0.48693s, reader\_cost: 0.43145, ips: 32.85909 samples/s, eta: 0:36:55

[2024/03/05 10:56:02] ppcls INFO: [Train][Epoch 1/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.27976, CELoss: 25.05176, loss: 25.05176, batch\_cost: 0.50567s, reader\_cost: 0.42991, ips: 31.64136 samples/s, eta: 0:38:15

[2024/03/05 10:56:07] ppcls INFO: [Train][Epoch 1/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.27419, CELoss: 22.75697, loss: 22.75697, batch\_cost: 0.49691s, reader\_cost: 0.41581, ips: 32.19931 samples/s, eta: 0:37:30

[2024/03/05 10:56:11] ppcls INFO: [Train][Epoch 1/120][Avg]top1: 0.30757, CELoss: 19.05621, loss: 19.05621

[2024/03/05 10:56:12] ppcls WARNING: The output dims(4) is less than k(5), and the argument 5 of Topk has been removed.

[2024/03/05 10:56:12] ppcls INFO: [Eval][Epoch 1][Iter: 0/10]CELoss: 0.38181, loss: 0.38181, top1: 0.75000, batch\_cost: 0.47859s, reader\_cost: 0.44770, ips: 33.43137 images/sec

[2024/03/05 10:56:17] ppcls INFO: [Eval][Epoch 1][Avg]CELoss: 135.25643, loss: 135.25643, top1: 0.23611

[2024/03/05 10:56:17] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 10:56:17] ppcls INFO: [Eval][Epoch 1][best metric: 0.236111119389534]

[2024/03/05 10:56:19] ppcls INFO: [Train][Epoch 2/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.37500, CELoss: 10.16345, loss: 10.16345, batch\_cost: 0.51978s, reader\_cost: 0.43496, ips: 30.78232 samples/s, eta: 0:39:10

[2024/03/05 10:56:24] ppcls INFO: [Train][Epoch 2/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.40341, CELoss: 3.99891, loss: 3.99891, batch\_cost: 0.51898s, reader\_cost: 0.42944, ips: 30.82988 samples/s, eta: 0:39:01

[2024/03/05 10:56:29] ppcls INFO: [Train][Epoch 2/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.39286, CELoss: 4.77092, loss: 4.77092, batch\_cost: 0.52641s, reader\_cost: 0.43721, ips: 30.39439 samples/s, eta: 0:39:29

[2024/03/05 10:56:34] ppcls INFO: [Train][Epoch 2/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.36089, CELoss: 4.03959, loss: 4.03959, batch\_cost: 0.52722s, reader\_cost: 0.43902, ips: 30.34758 samples/s, eta: 0:39:28

[2024/03/05 10:56:39] ppcls INFO: [Train][Epoch 2/120][Avg]top1: 0.36184, CELoss: 3.72776, loss: 3.72776

[2024/03/05 10:56:39] ppcls INFO: [Eval][Epoch 2][Iter: 0/10]CELoss: 3.19251, loss: 3.19251, top1: 0.06250, batch\_cost: 0.48239s, reader\_cost: 0.45150, ips: 33.16784 images/sec

[2024/03/05 10:56:45] ppcls INFO: [Eval][Epoch 2][Avg]CELoss: 1.69349, loss: 1.69349, top1: 0.19444

[2024/03/05 10:56:45] ppcls INFO: [Eval][Epoch 2][best metric: 0.236111119389534]

[2024/03/05 10:56:46] ppcls INFO: [Train][Epoch 3/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.50000, CELoss: 1.14084, loss: 1.14084, batch\_cost: 0.55344s, reader\_cost: 0.45858, ips: 28.91022 samples/s, eta: 0:41:21

[2024/03/05 10:56:51] ppcls INFO: [Train][Epoch 3/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.38636, CELoss: 1.76513, loss: 1.76513, batch\_cost: 0.49350s, reader\_cost: 0.40662, ips: 32.42176 samples/s, eta: 0:36:47

[2024/03/05 10:56:57] ppcls INFO: [Train][Epoch 3/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.39583, CELoss: 1.53425, loss: 1.53425, batch\_cost: 0.52009s, reader\_cost: 0.43208, ips: 30.76383 samples/s, eta: 0:38:41

[2024/03/05 10:57:02] ppcls INFO: [Train][Epoch 3/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.41935, CELoss: 1.64580, loss: 1.64580, batch\_cost: 0.52848s, reader\_cost: 0.43956, ips: 30.27538 samples/s, eta: 0:39:13

[2024/03/05 10:57:06] ppcls INFO: [Train][Epoch 3/120][Avg]top1: 0.40296, CELoss: 1.58581, loss: 1.58581

[2024/03/05 10:57:06] ppcls INFO: [Eval][Epoch 3][Iter: 0/10]CELoss: 1.02151, loss: 1.02151, top1: 0.37500, batch\_cost: 0.48694s, reader\_cost: 0.45604, ips: 32.85846 images/sec

[2024/03/05 10:57:12] ppcls INFO: [Eval][Epoch 3][Avg]CELoss: 1.20025, loss: 1.20025, top1: 0.30556

[2024/03/05 10:57:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 10:57:12] ppcls INFO: [Eval][Epoch 3][best metric: 0.3055555522441864]

[2024/03/05 10:57:13] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_3

[2024/03/05 10:57:13] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:57:14] ppcls INFO: [Train][Epoch 4/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.37500, CELoss: 1.08380, loss: 1.08380, batch\_cost: 0.53826s, reader\_cost: 0.44552, ips: 29.72529 samples/s, eta: 0:39:53

[2024/03/05 10:57:19] ppcls INFO: [Train][Epoch 4/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.46591, CELoss: 1.31405, loss: 1.31405, batch\_cost: 0.52781s, reader\_cost: 0.44077, ips: 30.31379 samples/s, eta: 0:39:01

[2024/03/05 10:57:25] ppcls INFO: [Train][Epoch 4/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.45833, CELoss: 1.38566, loss: 1.38566, batch\_cost: 0.55106s, reader\_cost: 0.46491, ips: 29.03513 samples/s, eta: 0:40:38

[2024/03/05 10:57:30] ppcls INFO: [Train][Epoch 4/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.44355, CELoss: 1.34831, loss: 1.34831, batch\_cost: 0.56437s, reader\_cost: 0.47830, ips: 28.35034 samples/s, eta: 0:41:32

[2024/03/05 10:57:34] ppcls INFO: [Train][Epoch 4/120][Avg]top1: 0.42763, CELoss: 1.34889, loss: 1.34889

[2024/03/05 10:57:34] ppcls INFO: [Eval][Epoch 4][Iter: 0/10]CELoss: 3.08244, loss: 3.08244, top1: 0.06250, batch\_cost: 0.48170s, reader\_cost: 0.44882, ips: 33.21535 images/sec

[2024/03/05 10:57:40] ppcls INFO: [Eval][Epoch 4][Avg]CELoss: 1.85741, loss: 1.85741, top1: 0.41667

[2024/03/05 10:57:40] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 10:57:40] ppcls INFO: [Eval][Epoch 4][best metric: 0.4166666567325592]

[2024/03/05 10:57:41] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_4

[2024/03/05 10:57:41] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:57:42] ppcls INFO: [Train][Epoch 5/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.37500, CELoss: 1.95584, loss: 1.95584, batch\_cost: 0.55132s, reader\_cost: 0.46087, ips: 29.02117 samples/s, eta: 0:40:30

[2024/03/05 10:57:47] ppcls INFO: [Train][Epoch 5/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.42045, CELoss: 1.49363, loss: 1.49363, batch\_cost: 0.47959s, reader\_cost: 0.39273, ips: 33.36163 samples/s, eta: 0:35:09

[2024/03/05 10:57:52] ppcls INFO: [Train][Epoch 5/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.44345, CELoss: 1.49022, loss: 1.49022, batch\_cost: 0.52648s, reader\_cost: 0.43482, ips: 30.39064 samples/s, eta: 0:38:30

[2024/03/05 10:57:58] ppcls INFO: [Train][Epoch 5/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.44153, CELoss: 1.52343, loss: 1.52343, batch\_cost: 0.53045s, reader\_cost: 0.44118, ips: 30.16333 samples/s, eta: 0:38:42

[2024/03/05 10:58:02] ppcls INFO: [Train][Epoch 5/120][Avg]top1: 0.43586, CELoss: 1.47275, loss: 1.47275

[2024/03/05 10:58:02] ppcls INFO: [Eval][Epoch 5][Iter: 0/10]CELoss: 1.23528, loss: 1.23528, top1: 0.31250, batch\_cost: 0.47178s, reader\_cost: 0.44191, ips: 33.91425 images/sec

[2024/03/05 10:58:08] ppcls INFO: [Eval][Epoch 5][Avg]CELoss: 1.22783, loss: 1.22783, top1: 0.43750

[2024/03/05 10:58:08] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 10:58:08] ppcls INFO: [Eval][Epoch 5][best metric: 0.4375]

[2024/03/05 10:58:08] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_5

[2024/03/05 10:58:09] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:58:10] ppcls INFO: [Train][Epoch 6/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.50000, CELoss: 1.04168, loss: 1.04168, batch\_cost: 0.54346s, reader\_cost: 0.44730, ips: 29.44100 samples/s, eta: 0:39:34

[2024/03/05 10:58:15] ppcls INFO: [Train][Epoch 6/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.48295, CELoss: 1.61858, loss: 1.61858, batch\_cost: 0.52736s, reader\_cost: 0.44165, ips: 30.33982 samples/s, eta: 0:38:19

[2024/03/05 10:58:20] ppcls INFO: [Train][Epoch 6/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.44643, CELoss: 1.50392, loss: 1.50392, batch\_cost: 0.50493s, reader\_cost: 0.41848, ips: 31.68785 samples/s, eta: 0:36:36

[2024/03/05 10:58:25] ppcls INFO: [Train][Epoch 6/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.44758, CELoss: 1.42875, loss: 1.42875, batch\_cost: 0.53180s, reader\_cost: 0.44368, ips: 30.08644 samples/s, eta: 0:38:28

[2024/03/05 10:58:29] ppcls INFO: [Train][Epoch 6/120][Avg]top1: 0.43421, CELoss: 1.38476, loss: 1.38476

[2024/03/05 10:58:30] ppcls INFO: [Eval][Epoch 6][Iter: 0/10]CELoss: 1.13122, loss: 1.13122, top1: 0.43750, batch\_cost: 0.47011s, reader\_cost: 0.44020, ips: 34.03487 images/sec

[2024/03/05 10:58:35] ppcls INFO: [Eval][Epoch 6][Avg]CELoss: 1.20343, loss: 1.20343, top1: 0.48611

[2024/03/05 10:58:36] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 10:58:36] ppcls INFO: [Eval][Epoch 6][best metric: 0.4861111044883728]

[2024/03/05 10:58:36] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_6

[2024/03/05 10:58:36] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:58:37] ppcls INFO: [Train][Epoch 7/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.62500, CELoss: 1.11421, loss: 1.11421, batch\_cost: 0.54859s, reader\_cost: 0.45263, ips: 29.16567 samples/s, eta: 0:39:36

[2024/03/05 10:58:42] ppcls INFO: [Train][Epoch 7/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.44318, CELoss: 1.45511, loss: 1.45511, batch\_cost: 0.47366s, reader\_cost: 0.38812, ips: 33.77954 samples/s, eta: 0:34:07

[2024/03/05 10:58:48] ppcls INFO: [Train][Epoch 7/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.44643, CELoss: 1.33037, loss: 1.33037, batch\_cost: 0.52674s, reader\_cost: 0.44028, ips: 30.37562 samples/s, eta: 0:37:51

[2024/03/05 10:58:53] ppcls INFO: [Train][Epoch 7/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.42742, CELoss: 1.34083, loss: 1.34083, batch\_cost: 0.52640s, reader\_cost: 0.43786, ips: 30.39533 samples/s, eta: 0:37:44

[2024/03/05 10:58:57] ppcls INFO: [Train][Epoch 7/120][Avg]top1: 0.43421, CELoss: 1.32908, loss: 1.32908

[2024/03/05 10:58:58] ppcls INFO: [Eval][Epoch 7][Iter: 0/10]CELoss: 1.19558, loss: 1.19558, top1: 0.31250, batch\_cost: 0.48227s, reader\_cost: 0.45237, ips: 33.17621 images/sec

[2024/03/05 10:59:03] ppcls INFO: [Eval][Epoch 7][Avg]CELoss: 1.17698, loss: 1.17698, top1: 0.47917

[2024/03/05 10:59:03] ppcls INFO: [Eval][Epoch 7][best metric: 0.4861111044883728]

[2024/03/05 10:59:03] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_7

[2024/03/05 10:59:04] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:59:05] ppcls INFO: [Train][Epoch 8/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.56250, CELoss: 1.14805, loss: 1.14805, batch\_cost: 0.54585s, reader\_cost: 0.45382, ips: 29.31198 samples/s, eta: 0:39:03

[2024/03/05 10:59:10] ppcls INFO: [Train][Epoch 8/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.44886, CELoss: 1.36241, loss: 1.36241, batch\_cost: 0.57260s, reader\_cost: 0.48216, ips: 27.94285 samples/s, eta: 0:40:53

[2024/03/05 10:59:15] ppcls INFO: [Train][Epoch 8/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.43155, CELoss: 1.29406, loss: 1.29406, batch\_cost: 0.51743s, reader\_cost: 0.42849, ips: 30.92209 samples/s, eta: 0:36:51

[2024/03/05 10:59:21] ppcls INFO: [Train][Epoch 8/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.43750, CELoss: 1.28260, loss: 1.28260, batch\_cost: 0.54319s, reader\_cost: 0.45257, ips: 29.45558 samples/s, eta: 0:38:36

[2024/03/05 10:59:24] ppcls INFO: [Train][Epoch 8/120][Avg]top1: 0.42763, CELoss: 1.28740, loss: 1.28740

[2024/03/05 10:59:25] ppcls INFO: [Eval][Epoch 8][Iter: 0/10]CELoss: 1.39681, loss: 1.39681, top1: 0.31250, batch\_cost: 0.47442s, reader\_cost: 0.44054, ips: 33.72513 images/sec

[2024/03/05 10:59:30] ppcls INFO: [Eval][Epoch 8][Avg]CELoss: 1.22508, loss: 1.22508, top1: 0.45139

[2024/03/05 10:59:30] ppcls INFO: [Eval][Epoch 8][best metric: 0.4861111044883728]

[2024/03/05 10:59:31] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_8

[2024/03/05 10:59:31] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:59:32] ppcls INFO: [Train][Epoch 9/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.37500, CELoss: 1.24699, loss: 1.24699, batch\_cost: 0.54951s, reader\_cost: 0.45220, ips: 29.11661 samples/s, eta: 0:38:58

[2024/03/05 10:59:37] ppcls INFO: [Train][Epoch 9/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.40909, CELoss: 1.25563, loss: 1.25563, batch\_cost: 0.49575s, reader\_cost: 0.40438, ips: 32.27442 samples/s, eta: 0:35:04

[2024/03/05 10:59:43] ppcls INFO: [Train][Epoch 9/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.40179, CELoss: 1.27582, loss: 1.27582, batch\_cost: 0.52616s, reader\_cost: 0.43378, ips: 30.40900 samples/s, eta: 0:37:08

[2024/03/05 10:59:48] ppcls INFO: [Train][Epoch 9/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.43347, CELoss: 1.27354, loss: 1.27354, batch\_cost: 0.53337s, reader\_cost: 0.44090, ips: 29.99791 samples/s, eta: 0:37:34

[2024/03/05 10:59:52] ppcls INFO: [Train][Epoch 9/120][Avg]top1: 0.44737, CELoss: 1.25846, loss: 1.25846

[2024/03/05 10:59:52] ppcls INFO: [Eval][Epoch 9][Iter: 0/10]CELoss: 1.60470, loss: 1.60470, top1: 0.18750, batch\_cost: 0.47492s, reader\_cost: 0.44405, ips: 33.68998 images/sec

[2024/03/05 10:59:58] ppcls INFO: [Eval][Epoch 9][Avg]CELoss: 1.22796, loss: 1.22796, top1: 0.42361

[2024/03/05 10:59:58] ppcls INFO: [Eval][Epoch 9][best metric: 0.4861111044883728]

[2024/03/05 10:59:58] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_9

[2024/03/05 10:59:58] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 10:59:59] ppcls INFO: [Train][Epoch 10/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.43750, CELoss: 1.19093, loss: 1.19093, batch\_cost: 0.53281s, reader\_cost: 0.44025, ips: 30.02938 samples/s, eta: 0:37:27

[2024/03/05 11:00:05] ppcls INFO: [Train][Epoch 10/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.46591, CELoss: 1.28635, loss: 1.28635, batch\_cost: 0.51174s, reader\_cost: 0.42086, ips: 31.26601 samples/s, eta: 0:35:53

[2024/03/05 11:00:10] ppcls INFO: [Train][Epoch 10/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.48214, CELoss: 1.28901, loss: 1.28901, batch\_cost: 0.51260s, reader\_cost: 0.42326, ips: 31.21368 samples/s, eta: 0:35:51

[2024/03/05 11:00:16] ppcls INFO: [Train][Epoch 10/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.46976, CELoss: 1.28173, loss: 1.28173, batch\_cost: 0.54028s, reader\_cost: 0.45019, ips: 29.61419 samples/s, eta: 0:37:42

[2024/03/05 11:00:19] ppcls INFO: [Train][Epoch 10/120][Avg]top1: 0.47697, CELoss: 1.25797, loss: 1.25797

[2024/03/05 11:00:19] ppcls INFO: [Eval][Epoch 10][Iter: 0/10]CELoss: 1.40207, loss: 1.40207, top1: 0.25000, batch\_cost: 0.48103s, reader\_cost: 0.45116, ips: 33.26201 images/sec

[2024/03/05 11:00:25] ppcls INFO: [Eval][Epoch 10][Avg]CELoss: 1.18085, loss: 1.18085, top1: 0.50694

[2024/03/05 11:00:25] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 11:00:25] ppcls INFO: [Eval][Epoch 10][best metric: 0.506944477558136]

[2024/03/05 11:00:26] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_10

[2024/03/05 11:00:26] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:00:27] ppcls INFO: [Train][Epoch 11/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.43750, CELoss: 1.07339, loss: 1.07339, batch\_cost: 0.53547s, reader\_cost: 0.44207, ips: 29.88033 samples/s, eta: 0:37:18

[2024/03/05 11:00:32] ppcls INFO: [Train][Epoch 11/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.48864, CELoss: 1.18924, loss: 1.18924, batch\_cost: 0.59675s, reader\_cost: 0.50346, ips: 26.81205 samples/s, eta: 0:41:28

[2024/03/05 11:00:37] ppcls INFO: [Train][Epoch 11/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.45833, CELoss: 1.20646, loss: 1.20646, batch\_cost: 0.53995s, reader\_cost: 0.45097, ips: 29.63217 samples/s, eta: 0:37:26

[2024/03/05 11:00:43] ppcls INFO: [Train][Epoch 11/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.44960, CELoss: 1.23912, loss: 1.23912, batch\_cost: 0.53309s, reader\_cost: 0.44431, ips: 30.01394 samples/s, eta: 0:36:52

[2024/03/05 11:00:46] ppcls INFO: [Train][Epoch 11/120][Avg]top1: 0.45559, CELoss: 1.23260, loss: 1.23260

[2024/03/05 11:00:47] ppcls INFO: [Eval][Epoch 11][Iter: 0/10]CELoss: 1.53297, loss: 1.53297, top1: 0.18750, batch\_cost: 0.46808s, reader\_cost: 0.43815, ips: 34.18240 images/sec

[2024/03/05 11:00:52] ppcls INFO: [Eval][Epoch 11][Avg]CELoss: 1.18640, loss: 1.18640, top1: 0.50694

[2024/03/05 11:00:52] ppcls INFO: [Eval][Epoch 11][best metric: 0.506944477558136]

[2024/03/05 11:00:53] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_11

[2024/03/05 11:00:53] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:00:54] ppcls INFO: [Train][Epoch 12/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.37500, CELoss: 1.83386, loss: 1.83386, batch\_cost: 0.53943s, reader\_cost: 0.44856, ips: 29.66093 samples/s, eta: 0:37:14

[2024/03/05 11:00:59] ppcls INFO: [Train][Epoch 12/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.49432, CELoss: 1.25551, loss: 1.25551, batch\_cost: 0.55695s, reader\_cost: 0.46890, ips: 28.72813 samples/s, eta: 0:38:21

[2024/03/05 11:01:05] ppcls INFO: [Train][Epoch 12/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.48810, CELoss: 1.23065, loss: 1.23065, batch\_cost: 0.57282s, reader\_cost: 0.48324, ips: 27.93191 samples/s, eta: 0:39:21

[2024/03/05 11:01:10] ppcls INFO: [Train][Epoch 12/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.47177, CELoss: 1.23369, loss: 1.23369, batch\_cost: 0.55532s, reader\_cost: 0.46355, ips: 28.81226 samples/s, eta: 0:38:03

[2024/03/05 11:01:14] ppcls INFO: [Train][Epoch 12/120][Avg]top1: 0.46382, CELoss: 1.25395, loss: 1.25395

[2024/03/05 11:01:14] ppcls INFO: [Eval][Epoch 12][Iter: 0/10]CELoss: 0.85017, loss: 0.85017, top1: 0.75000, batch\_cost: 0.48154s, reader\_cost: 0.45065, ips: 33.22655 images/sec

[2024/03/05 11:01:20] ppcls INFO: [Eval][Epoch 12][Avg]CELoss: 1.12030, loss: 1.12030, top1: 0.54167

[2024/03/05 11:01:20] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 11:01:20] ppcls INFO: [Eval][Epoch 12][best metric: 0.5416666865348816]

[2024/03/05 11:01:21] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_12

[2024/03/05 11:01:21] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:01:22] ppcls INFO: [Train][Epoch 13/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.68750, CELoss: 0.97819, loss: 0.97819, batch\_cost: 0.55015s, reader\_cost: 0.45530, ips: 29.08314 samples/s, eta: 0:37:37

[2024/03/05 11:01:28] ppcls INFO: [Train][Epoch 13/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.55682, CELoss: 1.21518, loss: 1.21518, batch\_cost: 0.53590s, reader\_cost: 0.44925, ips: 29.85625 samples/s, eta: 0:36:33

[2024/03/05 11:01:33] ppcls INFO: [Train][Epoch 13/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.53869, CELoss: 1.19229, loss: 1.19229, batch\_cost: 0.52303s, reader\_cost: 0.43561, ips: 30.59088 samples/s, eta: 0:35:36

[2024/03/05 11:01:38] ppcls INFO: [Train][Epoch 13/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.53024, CELoss: 1.18209, loss: 1.18209, batch\_cost: 0.52772s, reader\_cost: 0.43970, ips: 30.31902 samples/s, eta: 0:35:49

[2024/03/05 11:01:42] ppcls INFO: [Train][Epoch 13/120][Avg]top1: 0.50164, CELoss: 1.21547, loss: 1.21547

[2024/03/05 11:01:42] ppcls INFO: [Eval][Epoch 13][Iter: 0/10]CELoss: 1.72969, loss: 1.72969, top1: 0.00000, batch\_cost: 0.46856s, reader\_cost: 0.43763, ips: 34.14718 images/sec

[2024/03/05 11:01:48] ppcls INFO: [Eval][Epoch 13][Avg]CELoss: 1.27861, loss: 1.27861, top1: 0.45833

[2024/03/05 11:01:48] ppcls INFO: [Eval][Epoch 13][best metric: 0.5416666865348816]

[2024/03/05 11:01:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_13

[2024/03/05 11:01:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:01:49] ppcls INFO: [Train][Epoch 14/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.25000, CELoss: 1.29738, loss: 1.29738, batch\_cost: 0.52605s, reader\_cost: 0.43063, ips: 30.41518 samples/s, eta: 0:35:38

[2024/03/05 11:01:54] ppcls INFO: [Train][Epoch 14/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.42045, CELoss: 1.25251, loss: 1.25251, batch\_cost: 0.50751s, reader\_cost: 0.41952, ips: 31.52671 samples/s, eta: 0:34:18

[2024/03/05 11:01:59] ppcls INFO: [Train][Epoch 14/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.48810, CELoss: 1.24645, loss: 1.24645, batch\_cost: 0.52440s, reader\_cost: 0.43439, ips: 30.51103 samples/s, eta: 0:35:21

[2024/03/05 11:02:04] ppcls INFO: [Train][Epoch 14/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.47581, CELoss: 1.23534, loss: 1.23534, batch\_cost: 0.52750s, reader\_cost: 0.43742, ips: 30.33179 samples/s, eta: 0:35:28

[2024/03/05 11:02:09] ppcls INFO: [Train][Epoch 14/120][Avg]top1: 0.48191, CELoss: 1.24805, loss: 1.24805

[2024/03/05 11:02:09] ppcls INFO: [Eval][Epoch 14][Iter: 0/10]CELoss: 1.38219, loss: 1.38219, top1: 0.06250, batch\_cost: 0.47318s, reader\_cost: 0.44228, ips: 33.81389 images/sec

[2024/03/05 11:02:15] ppcls INFO: [Eval][Epoch 14][Avg]CELoss: 1.14986, loss: 1.14986, top1: 0.47917

[2024/03/05 11:02:15] ppcls INFO: [Eval][Epoch 14][best metric: 0.5416666865348816]

[2024/03/05 11:02:15] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_14

[2024/03/05 11:02:16] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:02:16] ppcls INFO: [Train][Epoch 15/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.56250, CELoss: 0.98088, loss: 0.98088, batch\_cost: 0.55138s, reader\_cost: 0.45859, ips: 29.01812 samples/s, eta: 0:37:00

[2024/03/05 11:02:21] ppcls INFO: [Train][Epoch 15/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.48864, CELoss: 1.16820, loss: 1.16820, batch\_cost: 0.47513s, reader\_cost: 0.38709, ips: 33.67494 samples/s, eta: 0:31:49

[2024/03/05 11:02:27] ppcls INFO: [Train][Epoch 15/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.47024, CELoss: 1.16237, loss: 1.16237, batch\_cost: 0.53773s, reader\_cost: 0.44659, ips: 29.75461 samples/s, eta: 0:35:55

[2024/03/05 11:02:32] ppcls INFO: [Train][Epoch 15/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.47984, CELoss: 1.17989, loss: 1.17989, batch\_cost: 0.53755s, reader\_cost: 0.44472, ips: 29.76454 samples/s, eta: 0:35:49

[2024/03/05 11:02:36] ppcls INFO: [Train][Epoch 15/120][Avg]top1: 0.47368, CELoss: 1.19809, loss: 1.19809

[2024/03/05 11:02:37] ppcls INFO: [Eval][Epoch 15][Iter: 0/10]CELoss: 1.45176, loss: 1.45176, top1: 0.25000, batch\_cost: 0.48500s, reader\_cost: 0.45410, ips: 32.98970 images/sec

[2024/03/05 11:02:42] ppcls INFO: [Eval][Epoch 15][Avg]CELoss: 1.11174, loss: 1.11174, top1: 0.52083

[2024/03/05 11:02:42] ppcls INFO: [Eval][Epoch 15][best metric: 0.5416666865348816]

[2024/03/05 11:02:42] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_15

[2024/03/05 11:02:43] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:02:43] ppcls INFO: [Train][Epoch 16/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.68750, CELoss: 0.85619, loss: 0.85619, batch\_cost: 0.53928s, reader\_cost: 0.44658, ips: 29.66912 samples/s, eta: 0:35:51

[2024/03/05 11:02:49] ppcls INFO: [Train][Epoch 16/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.54545, CELoss: 1.07452, loss: 1.07452, batch\_cost: 0.54179s, reader\_cost: 0.45357, ips: 29.53188 samples/s, eta: 0:35:56

[2024/03/05 11:02:54] ppcls INFO: [Train][Epoch 16/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.51190, CELoss: 1.16196, loss: 1.16196, batch\_cost: 0.54078s, reader\_cost: 0.44988, ips: 29.58703 samples/s, eta: 0:35:46

[2024/03/05 11:03:00] ppcls INFO: [Train][Epoch 16/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.50605, CELoss: 1.16413, loss: 1.16413, batch\_cost: 0.54569s, reader\_cost: 0.45493, ips: 29.32057 samples/s, eta: 0:36:00

[2024/03/05 11:03:04] ppcls INFO: [Train][Epoch 16/120][Avg]top1: 0.50987, CELoss: 1.16308, loss: 1.16308

[2024/03/05 11:03:04] ppcls INFO: [Eval][Epoch 16][Iter: 0/10]CELoss: 1.24761, loss: 1.24761, top1: 0.31250, batch\_cost: 0.47139s, reader\_cost: 0.44049, ips: 33.94236 images/sec

[2024/03/05 11:03:10] ppcls INFO: [Eval][Epoch 16][Avg]CELoss: 1.05411, loss: 1.05411, top1: 0.53472

[2024/03/05 11:03:10] ppcls INFO: [Eval][Epoch 16][best metric: 0.5416666865348816]

[2024/03/05 11:03:10] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_16

[2024/03/05 11:03:10] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:03:11] ppcls INFO: [Train][Epoch 17/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.62500, CELoss: 0.99969, loss: 0.99969, batch\_cost: 0.55152s, reader\_cost: 0.45481, ips: 29.01079 samples/s, eta: 0:36:19

[2024/03/05 11:03:16] ppcls INFO: [Train][Epoch 17/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.58523, CELoss: 1.05458, loss: 1.05458, batch\_cost: 0.51404s, reader\_cost: 0.42623, ips: 31.12571 samples/s, eta: 0:33:46

[2024/03/05 11:03:22] ppcls INFO: [Train][Epoch 17/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.54167, CELoss: 1.10791, loss: 1.10791, batch\_cost: 0.54123s, reader\_cost: 0.45423, ips: 29.56252 samples/s, eta: 0:35:28

[2024/03/05 11:03:27] ppcls INFO: [Train][Epoch 17/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.50000, CELoss: 1.17486, loss: 1.17486, batch\_cost: 0.53430s, reader\_cost: 0.44686, ips: 29.94562 samples/s, eta: 0:34:55

[2024/03/05 11:03:31] ppcls INFO: [Train][Epoch 17/120][Avg]top1: 0.50822, CELoss: 1.15994, loss: 1.15994

[2024/03/05 11:03:31] ppcls INFO: [Eval][Epoch 17][Iter: 0/10]CELoss: 0.86784, loss: 0.86784, top1: 0.56250, batch\_cost: 0.48022s, reader\_cost: 0.43936, ips: 33.31809 images/sec

[2024/03/05 11:03:37] ppcls INFO: [Eval][Epoch 17][Avg]CELoss: 1.00302, loss: 1.00302, top1: 0.59028

[2024/03/05 11:03:37] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 11:03:37] ppcls INFO: [Eval][Epoch 17][best metric: 0.5902777910232544]

[2024/03/05 11:03:38] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_17

[2024/03/05 11:03:38] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:03:39] ppcls INFO: [Train][Epoch 18/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.68750, CELoss: 0.95721, loss: 0.95721, batch\_cost: 0.55633s, reader\_cost: 0.46050, ips: 28.75984 samples/s, eta: 0:36:17

[2024/03/05 11:03:44] ppcls INFO: [Train][Epoch 18/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.57955, CELoss: 1.07084, loss: 1.07084, batch\_cost: 0.53454s, reader\_cost: 0.43537, ips: 29.93250 samples/s, eta: 0:34:46

[2024/03/05 11:03:49] ppcls INFO: [Train][Epoch 18/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.53869, CELoss: 1.11380, loss: 1.11380, batch\_cost: 0.50610s, reader\_cost: 0.41336, ips: 31.61447 samples/s, eta: 0:32:50

[2024/03/05 11:03:55] ppcls INFO: [Train][Epoch 18/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.53629, CELoss: 1.12900, loss: 1.12900, batch\_cost: 0.53251s, reader\_cost: 0.44112, ips: 30.04657 samples/s, eta: 0:34:28

[2024/03/05 11:03:59] ppcls INFO: [Train][Epoch 18/120][Avg]top1: 0.52961, CELoss: 1.13037, loss: 1.13037

[2024/03/05 11:03:59] ppcls INFO: [Eval][Epoch 18][Iter: 0/10]CELoss: 1.05612, loss: 1.05612, top1: 0.56250, batch\_cost: 0.47747s, reader\_cost: 0.44652, ips: 33.51000 images/sec

[2024/03/05 11:04:05] ppcls INFO: [Eval][Epoch 18][Avg]CELoss: 0.98856, loss: 0.98856, top1: 0.60417

[2024/03/05 11:04:05] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 11:04:05] ppcls INFO: [Eval][Epoch 18][best metric: 0.6041666865348816]

[2024/03/05 11:04:05] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_18

[2024/03/05 11:04:06] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:04:07] ppcls INFO: [Train][Epoch 19/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.50000, CELoss: 1.19454, loss: 1.19454, batch\_cost: 0.53306s, reader\_cost: 0.43723, ips: 30.01562 samples/s, eta: 0:34:26

[2024/03/05 11:04:11] ppcls INFO: [Train][Epoch 19/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.53977, CELoss: 1.01562, loss: 1.01562, batch\_cost: 0.50721s, reader\_cost: 0.41453, ips: 31.54505 samples/s, eta: 0:32:40

[2024/03/05 11:04:17] ppcls INFO: [Train][Epoch 19/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.54167, CELoss: 1.08292, loss: 1.08292, batch\_cost: 0.53656s, reader\_cost: 0.44543, ips: 29.81940 samples/s, eta: 0:34:28

[2024/03/05 11:04:22] ppcls INFO: [Train][Epoch 19/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.54234, CELoss: 1.09186, loss: 1.09186, batch\_cost: 0.52014s, reader\_cost: 0.43057, ips: 30.76094 samples/s, eta: 0:33:20

[2024/03/05 11:04:26] ppcls INFO: [Train][Epoch 19/120][Avg]top1: 0.54112, CELoss: 1.09518, loss: 1.09518

[2024/03/05 11:04:27] ppcls INFO: [Eval][Epoch 19][Iter: 0/10]CELoss: 0.92448, loss: 0.92448, top1: 0.62500, batch\_cost: 0.47811s, reader\_cost: 0.44739, ips: 33.46533 images/sec

[2024/03/05 11:04:32] ppcls INFO: [Eval][Epoch 19][Avg]CELoss: 0.90830, loss: 0.90830, top1: 0.67361

[2024/03/05 11:04:33] ppcls INFO: [Eval][Epoch 19][best metric: 0.6736111044883728]

[2024/03/05 11:04:33] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_19

[2024/03/05 11:04:33] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:04:34] ppcls INFO: [Train][Epoch 20/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.56250, CELoss: 1.00357, loss: 1.00357, batch\_cost: 0.54769s, reader\_cost: 0.45793, ips: 29.21341 samples/s, eta: 0:35:02

[2024/03/05 11:04:40] ppcls INFO: [Train][Epoch 20/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.55682, CELoss: 1.03242, loss: 1.03242, batch\_cost: 0.52561s, reader\_cost: 0.43990, ips: 30.44086 samples/s, eta: 0:33:32

[2024/03/05 11:04:44] ppcls INFO: [Train][Epoch 20/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.52976, CELoss: 1.12884, loss: 1.12884, batch\_cost: 0.49638s, reader\_cost: 0.41038, ips: 32.23357 samples/s, eta: 0:31:35

[2024/03/05 11:04:50] ppcls INFO: [Train][Epoch 20/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.54234, CELoss: 1.12777, loss: 1.12777, batch\_cost: 0.52349s, reader\_cost: 0.43608, ips: 30.56388 samples/s, eta: 0:33:13

[2024/03/05 11:04:54] ppcls INFO: [Train][Epoch 20/120][Avg]top1: 0.56086, CELoss: 1.10162, loss: 1.10162

[2024/03/05 11:04:55] ppcls INFO: [Eval][Epoch 20][Iter: 0/10]CELoss: 1.06448, loss: 1.06448, top1: 0.56250, batch\_cost: 0.48221s, reader\_cost: 0.45231, ips: 33.18087 images/sec

[2024/03/05 11:05:00] ppcls INFO: [Eval][Epoch 20][Avg]CELoss: 0.95314, loss: 0.95314, top1: 0.62500

[2024/03/05 11:05:00] ppcls INFO: [Eval][Epoch 20][best metric: 0.6736111044883728]

[2024/03/05 11:05:01] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_20

[2024/03/05 11:05:01] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:05:02] ppcls INFO: [Train][Epoch 21/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.50000, CELoss: 1.03052, loss: 1.03052, batch\_cost: 0.54040s, reader\_cost: 0.44669, ips: 29.60764 samples/s, eta: 0:34:13

[2024/03/05 11:05:07] ppcls INFO: [Train][Epoch 21/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.61364, CELoss: 0.94185, loss: 0.94185, batch\_cost: 0.66447s, reader\_cost: 0.57870, ips: 24.07919 samples/s, eta: 0:41:58

[2024/03/05 11:05:13] ppcls INFO: [Train][Epoch 21/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.59524, CELoss: 1.08293, loss: 1.08293, batch\_cost: 0.57908s, reader\_cost: 0.49228, ips: 27.62985 samples/s, eta: 0:36:28

[2024/03/05 11:05:18] ppcls INFO: [Train][Epoch 21/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.61290, CELoss: 1.02421, loss: 1.02421, batch\_cost: 0.54894s, reader\_cost: 0.46220, ips: 29.14733 samples/s, eta: 0:34:29

[2024/03/05 11:05:22] ppcls INFO: [Train][Epoch 21/120][Avg]top1: 0.60197, CELoss: 1.02813, loss: 1.02813

[2024/03/05 11:05:22] ppcls INFO: [Eval][Epoch 21][Iter: 0/10]CELoss: 1.06645, loss: 1.06645, top1: 0.50000, batch\_cost: 0.47642s, reader\_cost: 0.44353, ips: 33.58373 images/sec

[2024/03/05 11:05:28] ppcls INFO: [Eval][Epoch 21][Avg]CELoss: 0.85322, loss: 0.85322, top1: 0.65972

[2024/03/05 11:05:28] ppcls INFO: [Eval][Epoch 21][best metric: 0.6736111044883728]

[2024/03/05 11:05:28] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_21

[2024/03/05 11:05:28] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:05:30] ppcls INFO: [Train][Epoch 22/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.75000, CELoss: 1.09501, loss: 1.09501, batch\_cost: 0.56522s, reader\_cost: 0.47453, ips: 28.30740 samples/s, eta: 0:35:26

[2024/03/05 11:05:35] ppcls INFO: [Train][Epoch 22/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.64773, CELoss: 0.97655, loss: 0.97655, batch\_cost: 0.52188s, reader\_cost: 0.43351, ips: 30.65830 samples/s, eta: 0:32:38

[2024/03/05 11:05:40] ppcls INFO: [Train][Epoch 22/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.55655, CELoss: 1.11321, loss: 1.11321, batch\_cost: 0.51904s, reader\_cost: 0.42670, ips: 30.82613 samples/s, eta: 0:32:22

[2024/03/05 11:05:45] ppcls INFO: [Train][Epoch 22/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.54435, CELoss: 1.14377, loss: 1.14377, batch\_cost: 0.53203s, reader\_cost: 0.44148, ips: 30.07369 samples/s, eta: 0:33:05

[2024/03/05 11:05:49] ppcls INFO: [Train][Epoch 22/120][Avg]top1: 0.54276, CELoss: 1.13751, loss: 1.13751

[2024/03/05 11:05:49] ppcls INFO: [Eval][Epoch 22][Iter: 0/10]CELoss: 1.37052, loss: 1.37052, top1: 0.25000, batch\_cost: 0.47433s, reader\_cost: 0.44438, ips: 33.73196 images/sec

[2024/03/05 11:05:55] ppcls INFO: [Eval][Epoch 22][Avg]CELoss: 0.99137, loss: 0.99137, top1: 0.56250

[2024/03/05 11:05:55] ppcls INFO: [Eval][Epoch 22][best metric: 0.6736111044883728]

[2024/03/05 11:05:55] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_22

[2024/03/05 11:05:56] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:05:57] ppcls INFO: [Train][Epoch 23/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.50000, CELoss: 0.99074, loss: 0.99074, batch\_cost: 0.53891s, reader\_cost: 0.44463, ips: 29.68973 samples/s, eta: 0:33:26

[2024/03/05 11:06:02] ppcls INFO: [Train][Epoch 23/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.56818, CELoss: 1.02114, loss: 1.02114, batch\_cost: 0.51897s, reader\_cost: 0.42368, ips: 30.83053 samples/s, eta: 0:32:07

[2024/03/05 11:06:07] ppcls INFO: [Train][Epoch 23/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.58333, CELoss: 0.99886, loss: 0.99886, batch\_cost: 0.50819s, reader\_cost: 0.41826, ips: 31.48398 samples/s, eta: 0:31:22

[2024/03/05 11:06:13] ppcls INFO: [Train][Epoch 23/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.59677, CELoss: 0.99536, loss: 0.99536, batch\_cost: 0.52931s, reader\_cost: 0.43974, ips: 30.22825 samples/s, eta: 0:32:35

[2024/03/05 11:06:16] ppcls INFO: [Train][Epoch 23/120][Avg]top1: 0.60197, CELoss: 0.99841, loss: 0.99841

[2024/03/05 11:06:17] ppcls INFO: [Eval][Epoch 23][Iter: 0/10]CELoss: 1.14954, loss: 1.14954, top1: 0.62500, batch\_cost: 0.47989s, reader\_cost: 0.44899, ips: 33.34128 images/sec

[2024/03/05 11:06:23] ppcls INFO: [Eval][Epoch 23][Avg]CELoss: 0.85003, loss: 0.85003, top1: 0.65278

[2024/03/05 11:06:23] ppcls INFO: [Eval][Epoch 23][best metric: 0.6736111044883728]

[2024/03/05 11:06:23] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_23

[2024/03/05 11:06:23] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:06:24] ppcls INFO: [Train][Epoch 24/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.50000, CELoss: 1.15357, loss: 1.15357, batch\_cost: 0.52859s, reader\_cost: 0.43015, ips: 30.26895 samples/s, eta: 0:32:28

[2024/03/05 11:06:29] ppcls INFO: [Train][Epoch 24/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.61932, CELoss: 0.95501, loss: 0.95501, batch\_cost: 0.57299s, reader\_cost: 0.48860, ips: 27.92374 samples/s, eta: 0:35:06

[2024/03/05 11:06:35] ppcls INFO: [Train][Epoch 24/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.63988, CELoss: 0.93985, loss: 0.93985, batch\_cost: 0.55794s, reader\_cost: 0.47154, ips: 28.67698 samples/s, eta: 0:34:05

[2024/03/05 11:06:40] ppcls INFO: [Train][Epoch 24/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.65927, CELoss: 0.89949, loss: 0.89949, batch\_cost: 0.55842s, reader\_cost: 0.47044, ips: 28.65227 samples/s, eta: 0:34:01

[2024/03/05 11:06:44] ppcls INFO: [Train][Epoch 24/120][Avg]top1: 0.66118, CELoss: 0.91028, loss: 0.91028

[2024/03/05 11:06:44] ppcls INFO: [Eval][Epoch 24][Iter: 0/10]CELoss: 1.16405, loss: 1.16405, top1: 0.56250, batch\_cost: 0.47026s, reader\_cost: 0.44036, ips: 34.02363 images/sec

[2024/03/05 11:06:50] ppcls INFO: [Eval][Epoch 24][Avg]CELoss: 0.75928, loss: 0.75928, top1: 0.69444

[2024/03/05 11:06:50] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 11:06:50] ppcls INFO: [Eval][Epoch 24][best metric: 0.694444477558136]

[2024/03/05 11:06:50] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_24

[2024/03/05 11:06:51] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:06:52] ppcls INFO: [Train][Epoch 25/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.56250, CELoss: 1.13289, loss: 1.13289, batch\_cost: 0.55142s, reader\_cost: 0.45699, ips: 29.01625 samples/s, eta: 0:33:31

[2024/03/05 11:06:57] ppcls INFO: [Train][Epoch 25/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.64773, CELoss: 0.88713, loss: 0.88713, batch\_cost: 0.57029s, reader\_cost: 0.48439, ips: 28.05591 samples/s, eta: 0:34:34

[2024/03/05 11:07:03] ppcls INFO: [Train][Epoch 25/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.62500, CELoss: 0.93797, loss: 0.93797, batch\_cost: 0.55264s, reader\_cost: 0.46393, ips: 28.95215 samples/s, eta: 0:33:24

[2024/03/05 11:07:08] ppcls INFO: [Train][Epoch 25/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.62298, CELoss: 0.94025, loss: 0.94025, batch\_cost: 0.53779s, reader\_cost: 0.44920, ips: 29.75112 samples/s, eta: 0:32:25

[2024/03/05 11:07:11] ppcls INFO: [Train][Epoch 25/120][Avg]top1: 0.62664, CELoss: 0.93930, loss: 0.93930

[2024/03/05 11:07:12] ppcls INFO: [Eval][Epoch 25][Iter: 0/10]CELoss: 1.03341, loss: 1.03341, top1: 0.56250, batch\_cost: 0.48802s, reader\_cost: 0.45713, ips: 32.78540 images/sec

[2024/03/05 11:07:17] ppcls INFO: [Eval][Epoch 25][Avg]CELoss: 0.84063, loss: 0.84063, top1: 0.63194

[2024/03/05 11:07:17] ppcls INFO: [Eval][Epoch 25][best metric: 0.694444477558136]

[2024/03/05 11:07:18] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_25

[2024/03/05 11:07:18] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:07:19] ppcls INFO: [Train][Epoch 26/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.43750, CELoss: 1.04545, loss: 1.04545, batch\_cost: 0.53445s, reader\_cost: 0.44431, ips: 29.93750 samples/s, eta: 0:32:09

[2024/03/05 11:07:24] ppcls INFO: [Train][Epoch 26/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.59091, CELoss: 0.90193, loss: 0.90193, batch\_cost: 0.49463s, reader\_cost: 0.40691, ips: 32.34714 samples/s, eta: 0:29:40

[2024/03/05 11:07:30] ppcls INFO: [Train][Epoch 26/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.61012, CELoss: 0.93030, loss: 0.93030, batch\_cost: 0.53100s, reader\_cost: 0.44189, ips: 30.13186 samples/s, eta: 0:31:46

[2024/03/05 11:07:35] ppcls INFO: [Train][Epoch 26/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.61089, CELoss: 0.95631, loss: 0.95631, batch\_cost: 0.52602s, reader\_cost: 0.43637, ips: 30.41721 samples/s, eta: 0:31:23

[2024/03/05 11:07:39] ppcls INFO: [Train][Epoch 26/120][Avg]top1: 0.62993, CELoss: 0.92671, loss: 0.92671

[2024/03/05 11:07:39] ppcls INFO: [Eval][Epoch 26][Iter: 0/10]CELoss: 0.51675, loss: 0.51675, top1: 0.81250, batch\_cost: 0.47817s, reader\_cost: 0.44727, ips: 33.46123 images/sec

[2024/03/05 11:07:45] ppcls INFO: [Eval][Epoch 26][Avg]CELoss: 0.44550, loss: 0.44550, top1: 0.86806

[2024/03/05 11:07:45] ppcls INFO: [Eval][Epoch 26][best metric: 0.8680555820465088]

[2024/03/05 11:07:45] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_26

[2024/03/05 11:07:46] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:07:47] ppcls INFO: [Train][Epoch 27/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.87500, CELoss: 0.50166, loss: 0.50166, batch\_cost: 0.53823s, reader\_cost: 0.44337, ips: 29.72721 samples/s, eta: 0:32:02

[2024/03/05 11:07:51] ppcls INFO: [Train][Epoch 27/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.71023, CELoss: 0.89192, loss: 0.89192, batch\_cost: 0.51074s, reader\_cost: 0.42617, ips: 31.32737 samples/s, eta: 0:30:19

[2024/03/05 11:07:57] ppcls INFO: [Train][Epoch 27/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.70238, CELoss: 0.84537, loss: 0.84537, batch\_cost: 0.52854s, reader\_cost: 0.44262, ips: 30.27228 samples/s, eta: 0:31:17

[2024/03/05 11:08:02] ppcls INFO: [Train][Epoch 27/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.69153, CELoss: 0.84128, loss: 0.84128, batch\_cost: 0.53089s, reader\_cost: 0.44404, ips: 30.13795 samples/s, eta: 0:31:20

[2024/03/05 11:08:06] ppcls INFO: [Train][Epoch 27/120][Avg]top1: 0.66612, CELoss: 0.87070, loss: 0.87070

[2024/03/05 11:08:07] ppcls INFO: [Eval][Epoch 27][Iter: 0/10]CELoss: 0.57007, loss: 0.57007, top1: 0.75000, batch\_cost: 0.49308s, reader\_cost: 0.46119, ips: 32.44924 images/sec

[2024/03/05 11:08:13] ppcls INFO: [Eval][Epoch 27][Avg]CELoss: 0.58288, loss: 0.58288, top1: 0.77083

[2024/03/05 11:08:13] ppcls INFO: [Eval][Epoch 27][best metric: 0.8680555820465088]

[2024/03/05 11:08:13] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_27

[2024/03/05 11:08:13] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:08:14] ppcls INFO: [Train][Epoch 28/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.87500, CELoss: 0.83510, loss: 0.83510, batch\_cost: 0.53956s, reader\_cost: 0.44535, ips: 29.65380 samples/s, eta: 0:31:46

[2024/03/05 11:08:20] ppcls INFO: [Train][Epoch 28/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.69886, CELoss: 0.87544, loss: 0.87544, batch\_cost: 0.66033s, reader\_cost: 0.57533, ips: 24.23045 samples/s, eta: 0:38:46

[2024/03/05 11:08:25] ppcls INFO: [Train][Epoch 28/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.71131, CELoss: 0.84189, loss: 0.84189, batch\_cost: 0.58944s, reader\_cost: 0.50011, ips: 27.14448 samples/s, eta: 0:34:31

[2024/03/05 11:08:30] ppcls INFO: [Train][Epoch 28/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.73790, CELoss: 0.75793, loss: 0.75793, batch\_cost: 0.55462s, reader\_cost: 0.46588, ips: 28.84847 samples/s, eta: 0:32:23

[2024/03/05 11:08:34] ppcls INFO: [Train][Epoch 28/120][Avg]top1: 0.71875, CELoss: 0.77683, loss: 0.77683

[2024/03/05 11:08:34] ppcls INFO: [Eval][Epoch 28][Iter: 0/10]CELoss: 0.49142, loss: 0.49142, top1: 0.75000, batch\_cost: 0.46861s, reader\_cost: 0.43872, ips: 34.14327 images/sec

[2024/03/05 11:08:40] ppcls INFO: [Eval][Epoch 28][Avg]CELoss: 0.72506, loss: 0.72506, top1: 0.76389

[2024/03/05 11:08:40] ppcls INFO: [Eval][Epoch 28][best metric: 0.8680555820465088]

[2024/03/05 11:08:40] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_28

[2024/03/05 11:08:41] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:08:41] ppcls INFO: [Train][Epoch 29/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.68750, CELoss: 0.77274, loss: 0.77274, batch\_cost: 0.55212s, reader\_cost: 0.45900, ips: 28.97932 samples/s, eta: 0:32:10

[2024/03/05 11:08:47] ppcls INFO: [Train][Epoch 29/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.68750, CELoss: 0.84470, loss: 0.84470, batch\_cost: 0.47596s, reader\_cost: 0.38766, ips: 33.61631 samples/s, eta: 0:27:39

[2024/03/05 11:08:52] ppcls INFO: [Train][Epoch 29/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.69940, CELoss: 0.81834, loss: 0.81834, batch\_cost: 0.48797s, reader\_cost: 0.40147, ips: 32.78863 samples/s, eta: 0:28:16

[2024/03/05 11:08:57] ppcls INFO: [Train][Epoch 29/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.70968, CELoss: 0.80354, loss: 0.80354, batch\_cost: 0.51795s, reader\_cost: 0.42658, ips: 30.89073 samples/s, eta: 0:29:55

[2024/03/05 11:09:01] ppcls INFO: [Train][Epoch 29/120][Avg]top1: 0.71382, CELoss: 0.78637, loss: 0.78637

[2024/03/05 11:09:02] ppcls INFO: [Eval][Epoch 29][Iter: 0/10]CELoss: 0.87279, loss: 0.87279, top1: 0.87500, batch\_cost: 0.47730s, reader\_cost: 0.44741, ips: 33.52210 images/sec

[2024/03/05 11:09:07] ppcls INFO: [Eval][Epoch 29][Avg]CELoss: 0.43240, loss: 0.43240, top1: 0.88194

[2024/03/05 11:09:08] ppcls INFO: [Eval][Epoch 29][best metric: 0.881944477558136]

[2024/03/05 11:09:08] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_29

[2024/03/05 11:09:08] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:09:09] ppcls INFO: [Train][Epoch 30/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.87500, CELoss: 0.60477, loss: 0.60477, batch\_cost: 0.53015s, reader\_cost: 0.43808, ips: 30.18007 samples/s, eta: 0:30:33

[2024/03/05 11:09:14] ppcls INFO: [Train][Epoch 30/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.68182, CELoss: 0.78958, loss: 0.78958, batch\_cost: 0.53784s, reader\_cost: 0.45280, ips: 29.74835 samples/s, eta: 0:30:54

[2024/03/05 11:09:20] ppcls INFO: [Train][Epoch 30/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.69048, CELoss: 0.78753, loss: 0.78753, batch\_cost: 0.59185s, reader\_cost: 0.50318, ips: 27.03377 samples/s, eta: 0:33:54

[2024/03/05 11:09:25] ppcls INFO: [Train][Epoch 30/120][Iter: 30/38]lr(PiecewiseDecay): 0.10000000, top1: 0.71573, CELoss: 0.73594, loss: 0.73594, batch\_cost: 0.56311s, reader\_cost: 0.47470, ips: 28.41387 samples/s, eta: 0:32:10

[2024/03/05 11:09:29] ppcls INFO: [Train][Epoch 30/120][Avg]top1: 0.72039, CELoss: 0.73348, loss: 0.73348

[2024/03/05 11:09:29] ppcls INFO: [Eval][Epoch 30][Iter: 0/10]CELoss: 0.67705, loss: 0.67705, top1: 0.68750, batch\_cost: 0.46249s, reader\_cost: 0.43255, ips: 34.59569 images/sec

[2024/03/05 11:09:35] ppcls INFO: [Eval][Epoch 30][Avg]CELoss: 0.44116, loss: 0.44116, top1: 0.84722

[2024/03/05 11:09:35] ppcls INFO: [Eval][Epoch 30][best metric: 0.881944477558136]

[2024/03/05 11:09:35] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_30

[2024/03/05 11:09:36] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:09:37] ppcls INFO: [Train][Epoch 31/120][Iter: 0/38]lr(PiecewiseDecay): 0.10000000, top1: 0.68750, CELoss: 0.76835, loss: 0.76835, batch\_cost: 0.56281s, reader\_cost: 0.46943, ips: 28.42892 samples/s, eta: 0:32:04

[2024/03/05 11:09:42] ppcls INFO: [Train][Epoch 31/120][Iter: 10/38]lr(PiecewiseDecay): 0.10000000, top1: 0.77273, CELoss: 0.63252, loss: 0.63252, batch\_cost: 0.48415s, reader\_cost: 0.38632, ips: 33.04785 samples/s, eta: 0:27:30

[2024/03/05 11:09:47] ppcls INFO: [Train][Epoch 31/120][Iter: 20/38]lr(PiecewiseDecay): 0.10000000, top1: 0.78571, CELoss: 0.60968, loss: 0.60968, batch\_cost: 0.50694s, reader\_cost: 0.41562, ips: 31.56223 samples/s, eta: 0:28:43

[2024/03/05 11:09:52] ppcls INFO: [Train][Epoch 31/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.75806, CELoss: 0.66755, loss: 0.66755, batch\_cost: 0.51853s, reader\_cost: 0.42798, ips: 30.85642 samples/s, eta: 0:29:17

[2024/03/05 11:09:56] ppcls INFO: [Train][Epoch 31/120][Avg]top1: 0.75329, CELoss: 0.67043, loss: 0.67043

[2024/03/05 11:09:57] ppcls INFO: [Eval][Epoch 31][Iter: 0/10]CELoss: 0.55903, loss: 0.55903, top1: 0.81250, batch\_cost: 0.48554s, reader\_cost: 0.44667, ips: 32.95293 images/sec

[2024/03/05 11:10:02] ppcls INFO: [Eval][Epoch 31][Avg]CELoss: 0.47852, loss: 0.47852, top1: 0.81944

[2024/03/05 11:10:02] ppcls INFO: [Eval][Epoch 31][best metric: 0.881944477558136]

[2024/03/05 11:10:04] ppcls INFO: [Train][Epoch 32/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.68750, CELoss: 0.89607, loss: 0.89607, batch\_cost: 0.53282s, reader\_cost: 0.43468, ips: 30.02908 samples/s, eta: 0:30:01

[2024/03/05 11:10:09] ppcls INFO: [Train][Epoch 32/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.77273, CELoss: 0.65075, loss: 0.65075, batch\_cost: 0.48372s, reader\_cost: 0.39745, ips: 33.07672 samples/s, eta: 0:27:11

[2024/03/05 11:10:14] ppcls INFO: [Train][Epoch 32/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.78869, CELoss: 0.59026, loss: 0.59026, batch\_cost: 0.49735s, reader\_cost: 0.41087, ips: 32.17035 samples/s, eta: 0:27:52

[2024/03/05 11:10:19] ppcls INFO: [Train][Epoch 32/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.79435, CELoss: 0.58206, loss: 0.58206, batch\_cost: 0.50634s, reader\_cost: 0.41871, ips: 31.59922 samples/s, eta: 0:28:17

[2024/03/05 11:10:24] ppcls INFO: [Train][Epoch 32/120][Avg]top1: 0.79934, CELoss: 0.56557, loss: 0.56557

[2024/03/05 11:10:24] ppcls INFO: [Eval][Epoch 32][Iter: 0/10]CELoss: 0.43482, loss: 0.43482, top1: 0.81250, batch\_cost: 0.49167s, reader\_cost: 0.46078, ips: 32.54191 images/sec

[2024/03/05 11:10:30] ppcls INFO: [Eval][Epoch 32][Avg]CELoss: 0.34429, loss: 0.34429, top1: 0.87500

[2024/03/05 11:10:30] ppcls INFO: [Eval][Epoch 32][best metric: 0.881944477558136]

[2024/03/05 11:10:30] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_32

[2024/03/05 11:10:31] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:10:31] ppcls INFO: [Train][Epoch 33/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.75000, CELoss: 0.58464, loss: 0.58464, batch\_cost: 0.52183s, reader\_cost: 0.43470, ips: 30.66151 samples/s, eta: 0:29:04

[2024/03/05 11:10:36] ppcls INFO: [Train][Epoch 33/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.78977, CELoss: 0.48724, loss: 0.48724, batch\_cost: 0.52379s, reader\_cost: 0.43694, ips: 30.54659 samples/s, eta: 0:29:06

[2024/03/05 11:10:41] ppcls INFO: [Train][Epoch 33/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.79762, CELoss: 0.54512, loss: 0.54512, batch\_cost: 0.49820s, reader\_cost: 0.41162, ips: 32.11542 samples/s, eta: 0:27:36

[2024/03/05 11:10:48] ppcls INFO: [Train][Epoch 33/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.79032, CELoss: 0.58260, loss: 0.58260, batch\_cost: 0.55624s, reader\_cost: 0.45950, ips: 28.76451 samples/s, eta: 0:30:43

[2024/03/05 11:10:51] ppcls INFO: [Train][Epoch 33/120][Avg]top1: 0.78783, CELoss: 0.61003, loss: 0.61003

[2024/03/05 11:10:52] ppcls INFO: [Eval][Epoch 33][Iter: 0/10]CELoss: 0.45254, loss: 0.45254, top1: 0.81250, batch\_cost: 0.46445s, reader\_cost: 0.43455, ips: 34.44957 images/sec

[2024/03/05 11:10:57] ppcls INFO: [Eval][Epoch 33][Avg]CELoss: 0.36738, loss: 0.36738, top1: 0.88194

[2024/03/05 11:10:57] ppcls INFO: [Eval][Epoch 33][best metric: 0.881944477558136]

[2024/03/05 11:10:57] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_33

[2024/03/05 11:10:58] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:10:59] ppcls INFO: [Train][Epoch 34/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.87500, CELoss: 0.32451, loss: 0.32451, batch\_cost: 0.54615s, reader\_cost: 0.45168, ips: 29.29603 samples/s, eta: 0:30:05

[2024/03/05 11:11:03] ppcls INFO: [Train][Epoch 34/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.78977, CELoss: 0.60203, loss: 0.60203, batch\_cost: 0.52681s, reader\_cost: 0.44192, ips: 30.37167 samples/s, eta: 0:28:56

[2024/03/05 11:11:09] ppcls INFO: [Train][Epoch 34/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82440, CELoss: 0.51815, loss: 0.51815, batch\_cost: 0.53429s, reader\_cost: 0.44713, ips: 29.94651 samples/s, eta: 0:29:15

[2024/03/05 11:11:14] ppcls INFO: [Train][Epoch 34/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.80645, CELoss: 0.55385, loss: 0.55385, batch\_cost: 0.53519s, reader\_cost: 0.44725, ips: 29.89615 samples/s, eta: 0:29:13

[2024/03/05 11:11:18] ppcls INFO: [Train][Epoch 34/120][Avg]top1: 0.80099, CELoss: 0.56208, loss: 0.56208

[2024/03/05 11:11:19] ppcls INFO: [Eval][Epoch 34][Iter: 0/10]CELoss: 0.43334, loss: 0.43334, top1: 0.81250, batch\_cost: 0.49277s, reader\_cost: 0.45688, ips: 32.46983 images/sec

[2024/03/05 11:11:24] ppcls INFO: [Eval][Epoch 34][Avg]CELoss: 0.37475, loss: 0.37475, top1: 0.86806

[2024/03/05 11:11:24] ppcls INFO: [Eval][Epoch 34][best metric: 0.881944477558136]

[2024/03/05 11:11:25] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_34

[2024/03/05 11:11:25] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:11:26] ppcls INFO: [Train][Epoch 35/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.68750, CELoss: 0.72694, loss: 0.72694, batch\_cost: 0.55143s, reader\_cost: 0.45646, ips: 29.01568 samples/s, eta: 0:30:02

[2024/03/05 11:11:31] ppcls INFO: [Train][Epoch 35/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81818, CELoss: 0.51930, loss: 0.51930, batch\_cost: 0.52072s, reader\_cost: 0.43419, ips: 30.72647 samples/s, eta: 0:28:16

[2024/03/05 11:11:36] ppcls INFO: [Train][Epoch 35/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81845, CELoss: 0.49316, loss: 0.49316, batch\_cost: 0.54842s, reader\_cost: 0.45844, ips: 29.17494 samples/s, eta: 0:29:41

[2024/03/05 11:11:41] ppcls INFO: [Train][Epoch 35/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82863, CELoss: 0.47728, loss: 0.47728, batch\_cost: 0.53559s, reader\_cost: 0.44618, ips: 29.87367 samples/s, eta: 0:28:54

[2024/03/05 11:11:45] ppcls INFO: [Train][Epoch 35/120][Avg]top1: 0.81579, CELoss: 0.50697, loss: 0.50697

[2024/03/05 11:11:46] ppcls INFO: [Eval][Epoch 35][Iter: 0/10]CELoss: 0.33990, loss: 0.33990, top1: 0.93750, batch\_cost: 0.48433s, reader\_cost: 0.45144, ips: 33.03553 images/sec

[2024/03/05 11:11:51] ppcls INFO: [Eval][Epoch 35][Avg]CELoss: 0.32961, loss: 0.32961, top1: 0.88194

[2024/03/05 11:11:51] ppcls INFO: [Eval][Epoch 35][best metric: 0.881944477558136]

[2024/03/05 11:11:52] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_35

[2024/03/05 11:11:52] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:11:53] ppcls INFO: [Train][Epoch 36/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.93750, CELoss: 0.36421, loss: 0.36421, batch\_cost: 0.54419s, reader\_cost: 0.45081, ips: 29.40126 samples/s, eta: 0:29:17

[2024/03/05 11:11:59] ppcls INFO: [Train][Epoch 36/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.86932, CELoss: 0.41529, loss: 0.41529, batch\_cost: 0.56089s, reader\_cost: 0.46804, ips: 28.52627 samples/s, eta: 0:30:06

[2024/03/05 11:12:04] ppcls INFO: [Train][Epoch 36/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.84821, CELoss: 0.47330, loss: 0.47330, batch\_cost: 0.53795s, reader\_cost: 0.44757, ips: 29.74238 samples/s, eta: 0:28:46

[2024/03/05 11:12:08] ppcls INFO: [Train][Epoch 36/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.85282, CELoss: 0.50610, loss: 0.50610, batch\_cost: 0.47798s, reader\_cost: 0.38959, ips: 33.47446 samples/s, eta: 0:25:29

[2024/03/05 11:12:10] ppcls INFO: [Train][Epoch 36/120][Avg]top1: 0.83882, CELoss: 0.51124, loss: 0.51124

[2024/03/05 11:12:10] ppcls INFO: [Eval][Epoch 36][Iter: 0/10]CELoss: 0.31883, loss: 0.31883, top1: 0.87500, batch\_cost: 0.30797s, reader\_cost: 0.27707, ips: 51.95323 images/sec

[2024/03/05 11:12:14] ppcls INFO: [Eval][Epoch 36][Avg]CELoss: 0.31539, loss: 0.31539, top1: 0.90972

[2024/03/05 11:12:14] ppcls INFO: [Eval][Epoch 36][best metric: 0.9097222089767456]

[2024/03/05 11:12:15] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_36

[2024/03/05 11:12:15] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:12:16] ppcls INFO: [Train][Epoch 37/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.43727, loss: 0.43727, batch\_cost: 0.44837s, reader\_cost: 0.35390, ips: 35.68481 samples/s, eta: 0:23:51

[2024/03/05 11:12:19] ppcls INFO: [Train][Epoch 37/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82955, CELoss: 0.41704, loss: 0.41704, batch\_cost: 0.34859s, reader\_cost: 0.27932, ips: 45.89898 samples/s, eta: 0:18:29

[2024/03/05 11:12:22] ppcls INFO: [Train][Epoch 37/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82143, CELoss: 0.49216, loss: 0.49216, batch\_cost: 0.36070s, reader\_cost: 0.28018, ips: 44.35874 samples/s, eta: 0:19:04

[2024/03/05 11:12:26] ppcls INFO: [Train][Epoch 37/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81048, CELoss: 0.53508, loss: 0.53508, batch\_cost: 0.36269s, reader\_cost: 0.27940, ips: 44.11477 samples/s, eta: 0:19:06

[2024/03/05 11:12:29] ppcls INFO: [Train][Epoch 37/120][Avg]top1: 0.81908, CELoss: 0.52044, loss: 0.52044

[2024/03/05 11:12:29] ppcls INFO: [Eval][Epoch 37][Iter: 0/10]CELoss: 0.31329, loss: 0.31329, top1: 0.93750, batch\_cost: 0.32844s, reader\_cost: 0.29854, ips: 48.71483 images/sec

[2024/03/05 11:12:32] ppcls INFO: [Eval][Epoch 37][Avg]CELoss: 0.32348, loss: 0.32348, top1: 0.90278

[2024/03/05 11:12:32] ppcls INFO: [Eval][Epoch 37][best metric: 0.9097222089767456]

[2024/03/05 11:12:33] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_37

[2024/03/05 11:12:33] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:12:34] ppcls INFO: [Train][Epoch 38/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.87500, CELoss: 0.52077, loss: 0.52077, batch\_cost: 0.37102s, reader\_cost: 0.28116, ips: 43.12428 samples/s, eta: 0:19:30

[2024/03/05 11:12:37] ppcls INFO: [Train][Epoch 38/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.77273, CELoss: 0.61443, loss: 0.61443, batch\_cost: 0.33085s, reader\_cost: 0.26424, ips: 48.36021 samples/s, eta: 0:17:20

[2024/03/05 11:12:40] ppcls INFO: [Train][Epoch 38/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.80060, CELoss: 0.56570, loss: 0.56570, batch\_cost: 0.34155s, reader\_cost: 0.26175, ips: 46.84551 samples/s, eta: 0:17:50

[2024/03/05 11:12:44] ppcls INFO: [Train][Epoch 38/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82056, CELoss: 0.49683, loss: 0.49683, batch\_cost: 0.34135s, reader\_cost: 0.25940, ips: 46.87214 samples/s, eta: 0:17:46

[2024/03/05 11:12:47] ppcls INFO: [Train][Epoch 38/120][Avg]top1: 0.82237, CELoss: 0.51159, loss: 0.51159

[2024/03/05 11:12:47] ppcls INFO: [Eval][Epoch 38][Iter: 0/10]CELoss: 0.25259, loss: 0.25259, top1: 1.00000, batch\_cost: 0.31673s, reader\_cost: 0.28584, ips: 50.51575 images/sec

[2024/03/05 11:12:51] ppcls INFO: [Eval][Epoch 38][Avg]CELoss: 0.31800, loss: 0.31800, top1: 0.90278

[2024/03/05 11:12:51] ppcls INFO: [Eval][Epoch 38][best metric: 0.9097222089767456]

[2024/03/05 11:12:51] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_38

[2024/03/05 11:12:51] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:12:52] ppcls INFO: [Train][Epoch 39/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.87500, CELoss: 0.41360, loss: 0.41360, batch\_cost: 0.37008s, reader\_cost: 0.28268, ips: 43.23439 samples/s, eta: 0:19:13

[2024/03/05 11:12:55] ppcls INFO: [Train][Epoch 39/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.58338, loss: 0.58338, batch\_cost: 0.32603s, reader\_cost: 0.25194, ips: 49.07549 samples/s, eta: 0:16:52

[2024/03/05 11:12:59] ppcls INFO: [Train][Epoch 39/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.56229, loss: 0.56229, batch\_cost: 0.36444s, reader\_cost: 0.28316, ips: 43.90311 samples/s, eta: 0:18:48

[2024/03/05 11:13:03] ppcls INFO: [Train][Epoch 39/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.83468, CELoss: 0.51401, loss: 0.51401, batch\_cost: 0.36472s, reader\_cost: 0.28160, ips: 43.86952 samples/s, eta: 0:18:45

[2024/03/05 11:13:05] ppcls INFO: [Train][Epoch 39/120][Avg]top1: 0.84539, CELoss: 0.49420, loss: 0.49420

[2024/03/05 11:13:05] ppcls INFO: [Eval][Epoch 39][Iter: 0/10]CELoss: 0.27772, loss: 0.27772, top1: 1.00000, batch\_cost: 0.31595s, reader\_cost: 0.28506, ips: 50.64059 images/sec

[2024/03/05 11:13:09] ppcls INFO: [Eval][Epoch 39][Avg]CELoss: 0.32227, loss: 0.32227, top1: 0.89583

[2024/03/05 11:13:09] ppcls INFO: [Eval][Epoch 39][best metric: 0.9097222089767456]

[2024/03/05 11:13:09] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_39

[2024/03/05 11:13:10] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:13:10] ppcls INFO: [Train][Epoch 40/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 1.00000, CELoss: 0.25060, loss: 0.25060, batch\_cost: 0.36418s, reader\_cost: 0.27452, ips: 43.93386 samples/s, eta: 0:18:40

[2024/03/05 11:13:13] ppcls INFO: [Train][Epoch 40/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.84091, CELoss: 0.56898, loss: 0.56898, batch\_cost: 0.34240s, reader\_cost: 0.27080, ips: 46.72931 samples/s, eta: 0:17:30

[2024/03/05 11:13:17] ppcls INFO: [Train][Epoch 40/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.84226, CELoss: 0.50740, loss: 0.50740, batch\_cost: 0.36028s, reader\_cost: 0.27975, ips: 44.40959 samples/s, eta: 0:18:21

[2024/03/05 11:13:20] ppcls INFO: [Train][Epoch 40/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.83468, CELoss: 0.52045, loss: 0.52045, batch\_cost: 0.34543s, reader\_cost: 0.26283, ips: 46.31919 samples/s, eta: 0:17:32

[2024/03/05 11:13:23] ppcls INFO: [Train][Epoch 40/120][Avg]top1: 0.84046, CELoss: 0.50259, loss: 0.50259

[2024/03/05 11:13:23] ppcls INFO: [Eval][Epoch 40][Iter: 0/10]CELoss: 0.31010, loss: 0.31010, top1: 0.93750, batch\_cost: 0.31645s, reader\_cost: 0.28456, ips: 50.56062 images/sec

[2024/03/05 11:13:27] ppcls INFO: [Eval][Epoch 40][Avg]CELoss: 0.33608, loss: 0.33608, top1: 0.88889

[2024/03/05 11:13:27] ppcls INFO: [Eval][Epoch 40][best metric: 0.9097222089767456]

[2024/03/05 11:13:27] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_40

[2024/03/05 11:13:28] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:13:28] ppcls INFO: [Train][Epoch 41/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.68334, loss: 0.68334, batch\_cost: 0.36565s, reader\_cost: 0.27768, ips: 43.75795 samples/s, eta: 0:18:31

[2024/03/05 11:13:32] ppcls INFO: [Train][Epoch 41/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.84659, CELoss: 0.49088, loss: 0.49088, batch\_cost: 0.38717s, reader\_cost: 0.30926, ips: 41.32556 samples/s, eta: 0:19:33

[2024/03/05 11:13:35] ppcls INFO: [Train][Epoch 41/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.83333, CELoss: 0.47851, loss: 0.47851, batch\_cost: 0.37410s, reader\_cost: 0.29034, ips: 42.76884 samples/s, eta: 0:18:49

[2024/03/05 11:13:39] ppcls INFO: [Train][Epoch 41/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.52491, loss: 0.52491, batch\_cost: 0.36151s, reader\_cost: 0.27692, ips: 44.25917 samples/s, eta: 0:18:08

[2024/03/05 11:13:41] ppcls INFO: [Train][Epoch 41/120][Avg]top1: 0.81743, CELoss: 0.51614, loss: 0.51614

[2024/03/05 11:13:42] ppcls INFO: [Eval][Epoch 41][Iter: 0/10]CELoss: 0.30356, loss: 0.30356, top1: 0.87500, batch\_cost: 0.33284s, reader\_cost: 0.30095, ips: 48.07084 images/sec

[2024/03/05 11:13:45] ppcls INFO: [Eval][Epoch 41][Avg]CELoss: 0.32659, loss: 0.32659, top1: 0.88889

[2024/03/05 11:13:45] ppcls INFO: [Eval][Epoch 41][best metric: 0.9097222089767456]

[2024/03/05 11:13:46] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_41

[2024/03/05 11:13:46] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:13:47] ppcls INFO: [Train][Epoch 42/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.51606, loss: 0.51606, batch\_cost: 0.36333s, reader\_cost: 0.27183, ips: 44.03707 samples/s, eta: 0:18:10

[2024/03/05 11:13:50] ppcls INFO: [Train][Epoch 42/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.53935, loss: 0.53935, batch\_cost: 0.31791s, reader\_cost: 0.24570, ips: 50.32941 samples/s, eta: 0:15:51

[2024/03/05 11:13:53] ppcls INFO: [Train][Epoch 42/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.83333, CELoss: 0.52079, loss: 0.52079, batch\_cost: 0.34570s, reader\_cost: 0.26449, ips: 46.28337 samples/s, eta: 0:17:10

[2024/03/05 11:13:56] ppcls INFO: [Train][Epoch 42/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82056, CELoss: 0.54462, loss: 0.54462, batch\_cost: 0.33712s, reader\_cost: 0.25434, ips: 47.46057 samples/s, eta: 0:16:41

[2024/03/05 11:13:59] ppcls INFO: [Train][Epoch 42/120][Avg]top1: 0.81908, CELoss: 0.55974, loss: 0.55974

[2024/03/05 11:14:00] ppcls INFO: [Eval][Epoch 42][Iter: 0/10]CELoss: 0.22434, loss: 0.22434, top1: 1.00000, batch\_cost: 0.32162s, reader\_cost: 0.29072, ips: 49.74834 images/sec

[2024/03/05 11:14:03] ppcls INFO: [Eval][Epoch 42][Avg]CELoss: 0.30957, loss: 0.30957, top1: 0.89583

[2024/03/05 11:14:03] ppcls INFO: [Eval][Epoch 42][best metric: 0.9097222089767456]

[2024/03/05 11:14:04] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_42

[2024/03/05 11:14:04] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:14:05] ppcls INFO: [Train][Epoch 43/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.35858, loss: 0.35858, batch\_cost: 0.35789s, reader\_cost: 0.27104, ips: 44.70591 samples/s, eta: 0:17:40

[2024/03/05 11:14:08] ppcls INFO: [Train][Epoch 43/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.80682, CELoss: 0.54205, loss: 0.54205, batch\_cost: 0.33001s, reader\_cost: 0.24724, ips: 48.48342 samples/s, eta: 0:16:14

[2024/03/05 11:14:12] ppcls INFO: [Train][Epoch 43/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.80952, CELoss: 0.51774, loss: 0.51774, batch\_cost: 0.33336s, reader\_cost: 0.24806, ips: 47.99613 samples/s, eta: 0:16:21

[2024/03/05 11:14:15] ppcls INFO: [Train][Epoch 43/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82056, CELoss: 0.48620, loss: 0.48620, batch\_cost: 0.33745s, reader\_cost: 0.25127, ips: 47.41394 samples/s, eta: 0:16:30

[2024/03/05 11:14:17] ppcls INFO: [Train][Epoch 43/120][Avg]top1: 0.82237, CELoss: 0.48862, loss: 0.48862

[2024/03/05 11:14:18] ppcls INFO: [Eval][Epoch 43][Iter: 0/10]CELoss: 0.27932, loss: 0.27932, top1: 1.00000, batch\_cost: 0.30925s, reader\_cost: 0.27935, ips: 51.73742 images/sec

[2024/03/05 11:14:21] ppcls INFO: [Eval][Epoch 43][Avg]CELoss: 0.29977, loss: 0.29977, top1: 0.92361

[2024/03/05 11:14:22] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 11:14:22] ppcls INFO: [Eval][Epoch 43][best metric: 0.9236111044883728]

[2024/03/05 11:14:22] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_43

[2024/03/05 11:14:22] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:14:23] ppcls INFO: [Train][Epoch 44/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 1.00000, CELoss: 0.15141, loss: 0.15141, batch\_cost: 0.34868s, reader\_cost: 0.25576, ips: 45.88693 samples/s, eta: 0:17:00

[2024/03/05 11:14:26] ppcls INFO: [Train][Epoch 44/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.86364, CELoss: 0.40576, loss: 0.40576, batch\_cost: 0.34703s, reader\_cost: 0.27967, ips: 46.10549 samples/s, eta: 0:16:51

[2024/03/05 11:14:30] ppcls INFO: [Train][Epoch 44/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.84821, CELoss: 0.43521, loss: 0.43521, batch\_cost: 0.36227s, reader\_cost: 0.28291, ips: 44.16548 samples/s, eta: 0:17:32

[2024/03/05 11:14:33] ppcls INFO: [Train][Epoch 44/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.84274, CELoss: 0.43818, loss: 0.43818, batch\_cost: 0.35692s, reader\_cost: 0.27504, ips: 44.82839 samples/s, eta: 0:17:13

[2024/03/05 11:14:36] ppcls INFO: [Train][Epoch 44/120][Avg]top1: 0.83059, CELoss: 0.47501, loss: 0.47501

[2024/03/05 11:14:36] ppcls INFO: [Eval][Epoch 44][Iter: 0/10]CELoss: 0.21003, loss: 0.21003, top1: 1.00000, batch\_cost: 0.30753s, reader\_cost: 0.27664, ips: 52.02709 images/sec

[2024/03/05 11:14:40] ppcls INFO: [Eval][Epoch 44][Avg]CELoss: 0.27927, loss: 0.27927, top1: 0.93056

[2024/03/05 11:14:40] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 11:14:40] ppcls INFO: [Eval][Epoch 44][best metric: 0.9305555820465088]

[2024/03/05 11:14:42] ppcls INFO: [Train][Epoch 45/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.87500, CELoss: 0.32973, loss: 0.32973, batch\_cost: 0.36433s, reader\_cost: 0.27658, ips: 43.91609 samples/s, eta: 0:17:32

[2024/03/05 11:14:45] ppcls INFO: [Train][Epoch 45/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82955, CELoss: 0.53097, loss: 0.53097, batch\_cost: 0.36116s, reader\_cost: 0.27910, ips: 44.30161 samples/s, eta: 0:17:19

[2024/03/05 11:14:49] ppcls INFO: [Train][Epoch 45/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82738, CELoss: 0.54190, loss: 0.54190, batch\_cost: 0.34126s, reader\_cost: 0.25740, ips: 46.88560 samples/s, eta: 0:16:18

[2024/03/05 11:14:52] ppcls INFO: [Train][Epoch 45/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82863, CELoss: 0.51067, loss: 0.51067, batch\_cost: 0.35150s, reader\_cost: 0.26713, ips: 45.51913 samples/s, eta: 0:16:44

[2024/03/05 11:14:54] ppcls INFO: [Train][Epoch 45/120][Avg]top1: 0.83388, CELoss: 0.49040, loss: 0.49040

[2024/03/05 11:14:55] ppcls INFO: [Eval][Epoch 45][Iter: 0/10]CELoss: 0.24693, loss: 0.24693, top1: 1.00000, batch\_cost: 0.30762s, reader\_cost: 0.27673, ips: 52.01157 images/sec

[2024/03/05 11:14:58] ppcls INFO: [Eval][Epoch 45][Avg]CELoss: 0.29990, loss: 0.29990, top1: 0.92361

[2024/03/05 11:14:58] ppcls INFO: [Eval][Epoch 45][best metric: 0.9305555820465088]

[2024/03/05 11:15:00] ppcls INFO: [Train][Epoch 46/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.75000, CELoss: 0.80978, loss: 0.80978, batch\_cost: 0.34689s, reader\_cost: 0.25812, ips: 46.12455 samples/s, eta: 0:16:28

[2024/03/05 11:15:03] ppcls INFO: [Train][Epoch 46/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82955, CELoss: 0.53184, loss: 0.53184, batch\_cost: 0.32808s, reader\_cost: 0.25283, ips: 48.76872 samples/s, eta: 0:15:31

[2024/03/05 11:15:06] ppcls INFO: [Train][Epoch 46/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82143, CELoss: 0.52997, loss: 0.52997, batch\_cost: 0.34612s, reader\_cost: 0.26482, ips: 46.22629 samples/s, eta: 0:16:19

[2024/03/05 11:15:10] ppcls INFO: [Train][Epoch 46/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82661, CELoss: 0.50381, loss: 0.50381, batch\_cost: 0.34957s, reader\_cost: 0.26661, ips: 45.77084 samples/s, eta: 0:16:25

[2024/03/05 11:15:13] ppcls INFO: [Train][Epoch 46/120][Avg]top1: 0.83882, CELoss: 0.48554, loss: 0.48554

[2024/03/05 11:15:13] ppcls INFO: [Eval][Epoch 46][Iter: 0/10]CELoss: 0.25836, loss: 0.25836, top1: 1.00000, batch\_cost: 0.31195s, reader\_cost: 0.28106, ips: 51.28953 images/sec

[2024/03/05 11:15:16] ppcls INFO: [Eval][Epoch 46][Avg]CELoss: 0.32335, loss: 0.32335, top1: 0.91667

[2024/03/05 11:15:16] ppcls INFO: [Eval][Epoch 46][best metric: 0.9305555820465088]

[2024/03/05 11:15:18] ppcls INFO: [Train][Epoch 47/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.62500, CELoss: 0.88124, loss: 0.88124, batch\_cost: 0.35968s, reader\_cost: 0.27232, ips: 44.48343 samples/s, eta: 0:16:51

[2024/03/05 11:15:21] ppcls INFO: [Train][Epoch 47/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.80682, CELoss: 0.51352, loss: 0.51352, batch\_cost: 0.40363s, reader\_cost: 0.31875, ips: 39.63983 samples/s, eta: 0:18:50

[2024/03/05 11:15:25] ppcls INFO: [Train][Epoch 47/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.83333, CELoss: 0.45175, loss: 0.45175, batch\_cost: 0.36472s, reader\_cost: 0.27955, ips: 43.86978 samples/s, eta: 0:16:58

[2024/03/05 11:15:28] ppcls INFO: [Train][Epoch 47/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.83468, CELoss: 0.44934, loss: 0.44934, batch\_cost: 0.35337s, reader\_cost: 0.26824, ips: 45.27829 samples/s, eta: 0:16:23

[2024/03/05 11:15:31] ppcls INFO: [Train][Epoch 47/120][Avg]top1: 0.84868, CELoss: 0.43661, loss: 0.43661

[2024/03/05 11:15:31] ppcls INFO: [Eval][Epoch 47][Iter: 0/10]CELoss: 0.24973, loss: 0.24973, top1: 1.00000, batch\_cost: 0.30747s, reader\_cost: 0.27657, ips: 52.03791 images/sec

[2024/03/05 11:15:35] ppcls INFO: [Eval][Epoch 47][Avg]CELoss: 0.30660, loss: 0.30660, top1: 0.93056

[2024/03/05 11:15:35] ppcls INFO: [Eval][Epoch 47][best metric: 0.9305555820465088]

[2024/03/05 11:15:36] ppcls INFO: [Train][Epoch 48/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 1.02856, loss: 1.02856, batch\_cost: 0.36137s, reader\_cost: 0.27114, ips: 44.27633 samples/s, eta: 0:16:42

[2024/03/05 11:15:39] ppcls INFO: [Train][Epoch 48/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.87500, CELoss: 0.46683, loss: 0.46683, batch\_cost: 0.37488s, reader\_cost: 0.29823, ips: 42.68076 samples/s, eta: 0:17:16

[2024/03/05 11:15:43] ppcls INFO: [Train][Epoch 48/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.85714, CELoss: 0.46794, loss: 0.46794, batch\_cost: 0.35656s, reader\_cost: 0.27444, ips: 44.87294 samples/s, eta: 0:16:21

[2024/03/05 11:15:46] ppcls INFO: [Train][Epoch 48/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.84274, CELoss: 0.50119, loss: 0.50119, batch\_cost: 0.36238s, reader\_cost: 0.27926, ips: 44.15271 samples/s, eta: 0:16:34

[2024/03/05 11:15:49] ppcls INFO: [Train][Epoch 48/120][Avg]top1: 0.84046, CELoss: 0.49719, loss: 0.49719

[2024/03/05 11:15:49] ppcls INFO: [Eval][Epoch 48][Iter: 0/10]CELoss: 0.26065, loss: 0.26065, top1: 0.93750, batch\_cost: 0.30600s, reader\_cost: 0.27610, ips: 52.28840 images/sec

[2024/03/05 11:15:53] ppcls INFO: [Eval][Epoch 48][Avg]CELoss: 0.30966, loss: 0.30966, top1: 0.92361

[2024/03/05 11:15:53] ppcls INFO: [Eval][Epoch 48][best metric: 0.9305555820465088]

[2024/03/05 11:15:53] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_48

[2024/03/05 11:15:53] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:15:54] ppcls INFO: [Train][Epoch 49/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.93750, CELoss: 0.20994, loss: 0.20994, batch\_cost: 0.36882s, reader\_cost: 0.27777, ips: 43.38202 samples/s, eta: 0:16:49

[2024/03/05 11:15:58] ppcls INFO: [Train][Epoch 49/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.86364, CELoss: 0.41948, loss: 0.41948, batch\_cost: 0.45598s, reader\_cost: 0.37541, ips: 35.08963 samples/s, eta: 0:20:42

[2024/03/05 11:16:01] ppcls INFO: [Train][Epoch 49/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.85119, CELoss: 0.43418, loss: 0.43418, batch\_cost: 0.37990s, reader\_cost: 0.29654, ips: 42.11684 samples/s, eta: 0:17:11

[2024/03/05 11:16:05] ppcls INFO: [Train][Epoch 49/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.85887, CELoss: 0.43107, loss: 0.43107, batch\_cost: 0.36796s, reader\_cost: 0.28348, ips: 43.48306 samples/s, eta: 0:16:35

[2024/03/05 11:16:07] ppcls INFO: [Train][Epoch 49/120][Avg]top1: 0.84539, CELoss: 0.46739, loss: 0.46739

[2024/03/05 11:16:07] ppcls INFO: [Eval][Epoch 49][Iter: 0/10]CELoss: 0.26765, loss: 0.26765, top1: 1.00000, batch\_cost: 0.30482s, reader\_cost: 0.27393, ips: 52.48953 images/sec

[2024/03/05 11:16:11] ppcls INFO: [Eval][Epoch 49][Avg]CELoss: 0.33049, loss: 0.33049, top1: 0.88194

[2024/03/05 11:16:11] ppcls INFO: [Eval][Epoch 49][best metric: 0.9305555820465088]

[2024/03/05 11:16:11] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_49

[2024/03/05 11:16:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:16:12] ppcls INFO: [Train][Epoch 50/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.75000, CELoss: 0.48762, loss: 0.48762, batch\_cost: 0.36525s, reader\_cost: 0.27699, ips: 43.80542 samples/s, eta: 0:16:25

[2024/03/05 11:16:16] ppcls INFO: [Train][Epoch 50/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.78409, CELoss: 0.58808, loss: 0.58808, batch\_cost: 0.39760s, reader\_cost: 0.31562, ips: 40.24158 samples/s, eta: 0:17:48

[2024/03/05 11:16:19] ppcls INFO: [Train][Epoch 50/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.53578, loss: 0.53578, batch\_cost: 0.37137s, reader\_cost: 0.28713, ips: 43.08386 samples/s, eta: 0:16:34

[2024/03/05 11:16:23] ppcls INFO: [Train][Epoch 50/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.53690, loss: 0.53690, batch\_cost: 0.35478s, reader\_cost: 0.27021, ips: 45.09798 samples/s, eta: 0:15:46

[2024/03/05 11:16:25] ppcls INFO: [Train][Epoch 50/120][Avg]top1: 0.80592, CELoss: 0.55867, loss: 0.55867

[2024/03/05 11:16:25] ppcls INFO: [Eval][Epoch 50][Iter: 0/10]CELoss: 0.22221, loss: 0.22221, top1: 1.00000, batch\_cost: 0.31607s, reader\_cost: 0.28417, ips: 50.62226 images/sec

[2024/03/05 11:16:29] ppcls INFO: [Eval][Epoch 50][Avg]CELoss: 0.28819, loss: 0.28819, top1: 0.93056

[2024/03/05 11:16:29] ppcls INFO: [Eval][Epoch 50][best metric: 0.9305555820465088]

[2024/03/05 11:16:29] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_50

[2024/03/05 11:16:30] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:16:31] ppcls INFO: [Train][Epoch 51/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.93750, CELoss: 0.24931, loss: 0.24931, batch\_cost: 0.36725s, reader\_cost: 0.27517, ips: 43.56685 samples/s, eta: 0:16:16

[2024/03/05 11:16:34] ppcls INFO: [Train][Epoch 51/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.83523, CELoss: 0.51965, loss: 0.51965, batch\_cost: 0.39220s, reader\_cost: 0.32276, ips: 40.79595 samples/s, eta: 0:17:19

[2024/03/05 11:16:37] ppcls INFO: [Train][Epoch 51/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82440, CELoss: 0.50793, loss: 0.50793, batch\_cost: 0.35799s, reader\_cost: 0.27899, ips: 44.69352 samples/s, eta: 0:15:45

[2024/03/05 11:16:41] ppcls INFO: [Train][Epoch 51/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82661, CELoss: 0.49052, loss: 0.49052, batch\_cost: 0.35693s, reader\_cost: 0.27569, ips: 44.82637 samples/s, eta: 0:15:38

[2024/03/05 11:16:43] ppcls INFO: [Train][Epoch 51/120][Avg]top1: 0.82730, CELoss: 0.50165, loss: 0.50165

[2024/03/05 11:16:44] ppcls INFO: [Eval][Epoch 51][Iter: 0/10]CELoss: 0.28441, loss: 0.28441, top1: 1.00000, batch\_cost: 0.32137s, reader\_cost: 0.29047, ips: 49.78705 images/sec

[2024/03/05 11:16:47] ppcls INFO: [Eval][Epoch 51][Avg]CELoss: 0.31722, loss: 0.31722, top1: 0.93056

[2024/03/05 11:16:47] ppcls INFO: [Eval][Epoch 51][best metric: 0.9305555820465088]

[2024/03/05 11:16:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_51

[2024/03/05 11:16:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:16:49] ppcls INFO: [Train][Epoch 52/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 1.00000, CELoss: 0.27626, loss: 0.27626, batch\_cost: 0.37037s, reader\_cost: 0.28344, ips: 43.20000 samples/s, eta: 0:16:11

[2024/03/05 11:16:52] ppcls INFO: [Train][Epoch 52/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.86932, CELoss: 0.42491, loss: 0.42491, batch\_cost: 0.32741s, reader\_cost: 0.25133, ips: 48.86874 samples/s, eta: 0:14:15

[2024/03/05 11:16:55] ppcls INFO: [Train][Epoch 52/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.86310, CELoss: 0.43309, loss: 0.43309, batch\_cost: 0.33364s, reader\_cost: 0.25189, ips: 47.95517 samples/s, eta: 0:14:28

[2024/03/05 11:16:59] ppcls INFO: [Train][Epoch 52/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.85685, CELoss: 0.45399, loss: 0.45399, batch\_cost: 0.33956s, reader\_cost: 0.25659, ips: 47.11990 samples/s, eta: 0:14:40

[2024/03/05 11:17:02] ppcls INFO: [Train][Epoch 52/120][Avg]top1: 0.85033, CELoss: 0.45934, loss: 0.45934

[2024/03/05 11:17:02] ppcls INFO: [Eval][Epoch 52][Iter: 0/10]CELoss: 0.30022, loss: 0.30022, top1: 0.93750, batch\_cost: 0.33538s, reader\_cost: 0.30449, ips: 47.70663 images/sec

[2024/03/05 11:17:05] ppcls INFO: [Eval][Epoch 52][Avg]CELoss: 0.30377, loss: 0.30377, top1: 0.93056

[2024/03/05 11:17:05] ppcls INFO: [Eval][Epoch 52][best metric: 0.9305555820465088]

[2024/03/05 11:17:06] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_52

[2024/03/05 11:17:06] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:17:07] ppcls INFO: [Train][Epoch 53/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.93750, CELoss: 0.21867, loss: 0.21867, batch\_cost: 0.35229s, reader\_cost: 0.26487, ips: 45.41739 samples/s, eta: 0:15:10

[2024/03/05 11:17:10] ppcls INFO: [Train][Epoch 53/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.86932, CELoss: 0.41141, loss: 0.41141, batch\_cost: 0.33936s, reader\_cost: 0.26199, ips: 47.14787 samples/s, eta: 0:14:33

[2024/03/05 11:17:14] ppcls INFO: [Train][Epoch 53/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.83036, CELoss: 0.47991, loss: 0.47991, batch\_cost: 0.35419s, reader\_cost: 0.26989, ips: 45.17328 samples/s, eta: 0:15:08

[2024/03/05 11:17:17] ppcls INFO: [Train][Epoch 53/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.83871, CELoss: 0.47725, loss: 0.47725, batch\_cost: 0.35620s, reader\_cost: 0.27162, ips: 44.91880 samples/s, eta: 0:15:09

[2024/03/05 11:17:20] ppcls INFO: [Train][Epoch 53/120][Avg]top1: 0.84211, CELoss: 0.45855, loss: 0.45855

[2024/03/05 11:17:20] ppcls INFO: [Eval][Epoch 53][Iter: 0/10]CELoss: 0.24267, loss: 0.24267, top1: 1.00000, batch\_cost: 0.30691s, reader\_cost: 0.27502, ips: 52.13193 images/sec

[2024/03/05 11:17:24] ppcls INFO: [Eval][Epoch 53][Avg]CELoss: 0.32804, loss: 0.32804, top1: 0.90278

[2024/03/05 11:17:24] ppcls INFO: [Eval][Epoch 53][best metric: 0.9305555820465088]

[2024/03/05 11:17:24] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_53

[2024/03/05 11:17:24] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:17:25] ppcls INFO: [Train][Epoch 54/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.87500, CELoss: 0.32835, loss: 0.32835, batch\_cost: 0.35829s, reader\_cost: 0.26835, ips: 44.65700 samples/s, eta: 0:15:12

[2024/03/05 11:17:28] ppcls INFO: [Train][Epoch 54/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81818, CELoss: 0.57214, loss: 0.57214, batch\_cost: 0.32610s, reader\_cost: 0.25219, ips: 49.06447 samples/s, eta: 0:13:46

[2024/03/05 11:17:32] ppcls INFO: [Train][Epoch 54/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81548, CELoss: 0.50952, loss: 0.50952, batch\_cost: 0.34650s, reader\_cost: 0.26638, ips: 46.17665 samples/s, eta: 0:14:35

[2024/03/05 11:17:35] ppcls INFO: [Train][Epoch 54/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82460, CELoss: 0.47173, loss: 0.47173, batch\_cost: 0.35738s, reader\_cost: 0.27476, ips: 44.77084 samples/s, eta: 0:14:59

[2024/03/05 11:17:38] ppcls INFO: [Train][Epoch 54/120][Avg]top1: 0.83059, CELoss: 0.45181, loss: 0.45181

[2024/03/05 11:17:38] ppcls INFO: [Eval][Epoch 54][Iter: 0/10]CELoss: 0.18832, loss: 0.18832, top1: 1.00000, batch\_cost: 0.32392s, reader\_cost: 0.29402, ips: 49.39542 images/sec

[2024/03/05 11:17:42] ppcls INFO: [Eval][Epoch 54][Avg]CELoss: 0.27853, loss: 0.27853, top1: 0.94444

[2024/03/05 11:17:42] ppcls INFO: Already save model in ./output/resnet50\ResNet50\best\_model

[2024/03/05 11:17:42] ppcls INFO: [Eval][Epoch 54][best metric: 0.944444477558136]

[2024/03/05 11:17:42] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_54

[2024/03/05 11:17:43] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:17:43] ppcls INFO: [Train][Epoch 55/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.87500, CELoss: 0.39960, loss: 0.39960, batch\_cost: 0.36687s, reader\_cost: 0.27465, ips: 43.61190 samples/s, eta: 0:15:20

[2024/03/05 11:17:47] ppcls INFO: [Train][Epoch 55/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.83523, CELoss: 0.45228, loss: 0.45228, batch\_cost: 0.37328s, reader\_cost: 0.29870, ips: 42.86300 samples/s, eta: 0:15:32

[2024/03/05 11:17:50] ppcls INFO: [Train][Epoch 55/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82143, CELoss: 0.54685, loss: 0.54685, batch\_cost: 0.35166s, reader\_cost: 0.27074, ips: 45.49887 samples/s, eta: 0:14:34

[2024/03/05 11:17:54] ppcls INFO: [Train][Epoch 55/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81653, CELoss: 0.55424, loss: 0.55424, batch\_cost: 0.36088s, reader\_cost: 0.27806, ips: 44.33646 samples/s, eta: 0:14:54

[2024/03/05 11:17:56] ppcls INFO: [Train][Epoch 55/120][Avg]top1: 0.82730, CELoss: 0.52008, loss: 0.52008

[2024/03/05 11:17:57] ppcls INFO: [Eval][Epoch 55][Iter: 0/10]CELoss: 0.26216, loss: 0.26216, top1: 1.00000, batch\_cost: 0.32392s, reader\_cost: 0.29402, ips: 49.39549 images/sec

[2024/03/05 11:18:00] ppcls INFO: [Eval][Epoch 55][Avg]CELoss: 0.28617, loss: 0.28617, top1: 0.94444

[2024/03/05 11:18:00] ppcls INFO: [Eval][Epoch 55][best metric: 0.944444477558136]

[2024/03/05 11:18:01] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_55

[2024/03/05 11:18:01] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:18:02] ppcls INFO: [Train][Epoch 56/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.87500, CELoss: 0.30180, loss: 0.30180, batch\_cost: 0.36235s, reader\_cost: 0.27439, ips: 44.15667 samples/s, eta: 0:14:54

[2024/03/05 11:18:05] ppcls INFO: [Train][Epoch 56/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.86932, CELoss: 0.39930, loss: 0.39930, batch\_cost: 0.33717s, reader\_cost: 0.26641, ips: 47.45411 samples/s, eta: 0:13:49

[2024/03/05 11:18:08] ppcls INFO: [Train][Epoch 56/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.85417, CELoss: 0.47799, loss: 0.47799, batch\_cost: 0.34924s, reader\_cost: 0.26857, ips: 45.81374 samples/s, eta: 0:14:15

[2024/03/05 11:18:12] ppcls INFO: [Train][Epoch 56/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.85887, CELoss: 0.43975, loss: 0.43975, batch\_cost: 0.34082s, reader\_cost: 0.25803, ips: 46.94517 samples/s, eta: 0:13:51

[2024/03/05 11:18:14] ppcls INFO: [Train][Epoch 56/120][Avg]top1: 0.84868, CELoss: 0.46293, loss: 0.46293

[2024/03/05 11:18:15] ppcls INFO: [Eval][Epoch 56][Iter: 0/10]CELoss: 0.24611, loss: 0.24611, top1: 1.00000, batch\_cost: 0.31932s, reader\_cost: 0.28643, ips: 50.10600 images/sec

[2024/03/05 11:18:18] ppcls INFO: [Eval][Epoch 56][Avg]CELoss: 0.28238, loss: 0.28238, top1: 0.94444

[2024/03/05 11:18:18] ppcls INFO: [Eval][Epoch 56][best metric: 0.944444477558136]

[2024/03/05 11:18:19] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_56

[2024/03/05 11:18:19] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:18:20] ppcls INFO: [Train][Epoch 57/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.68137, loss: 0.68137, batch\_cost: 0.36100s, reader\_cost: 0.27167, ips: 44.32189 samples/s, eta: 0:14:37

[2024/03/05 11:18:23] ppcls INFO: [Train][Epoch 57/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82955, CELoss: 0.49155, loss: 0.49155, batch\_cost: 0.44870s, reader\_cost: 0.37145, ips: 35.65888 samples/s, eta: 0:18:06

[2024/03/05 11:18:27] ppcls INFO: [Train][Epoch 57/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82738, CELoss: 0.47978, loss: 0.47978, batch\_cost: 0.37111s, reader\_cost: 0.28880, ips: 43.11347 samples/s, eta: 0:14:55

[2024/03/05 11:18:30] ppcls INFO: [Train][Epoch 57/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.83266, CELoss: 0.46758, loss: 0.46758, batch\_cost: 0.35850s, reader\_cost: 0.27434, ips: 44.63018 samples/s, eta: 0:14:21

[2024/03/05 11:18:33] ppcls INFO: [Train][Epoch 57/120][Avg]top1: 0.83059, CELoss: 0.46739, loss: 0.46739

[2024/03/05 11:18:33] ppcls INFO: [Eval][Epoch 57][Iter: 0/10]CELoss: 0.24222, loss: 0.24222, top1: 1.00000, batch\_cost: 0.31794s, reader\_cost: 0.28604, ips: 50.32464 images/sec

[2024/03/05 11:18:37] ppcls INFO: [Eval][Epoch 57][Avg]CELoss: 0.29268, loss: 0.29268, top1: 0.93750

[2024/03/05 11:18:37] ppcls INFO: [Eval][Epoch 57][best metric: 0.944444477558136]

[2024/03/05 11:18:37] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_57

[2024/03/05 11:18:37] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:18:38] ppcls INFO: [Train][Epoch 58/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.93750, CELoss: 0.29093, loss: 0.29093, batch\_cost: 0.36678s, reader\_cost: 0.27572, ips: 43.62241 samples/s, eta: 0:14:38

[2024/03/05 11:18:41] ppcls INFO: [Train][Epoch 58/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82386, CELoss: 0.54677, loss: 0.54677, batch\_cost: 0.32002s, reader\_cost: 0.24560, ips: 49.99671 samples/s, eta: 0:12:42

[2024/03/05 11:18:45] ppcls INFO: [Train][Epoch 58/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81548, CELoss: 0.50791, loss: 0.50791, batch\_cost: 0.33602s, reader\_cost: 0.25520, ips: 47.61606 samples/s, eta: 0:13:17

[2024/03/05 11:18:48] ppcls INFO: [Train][Epoch 58/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82863, CELoss: 0.48101, loss: 0.48101, batch\_cost: 0.33862s, reader\_cost: 0.25629, ips: 47.25093 samples/s, eta: 0:13:20

[2024/03/05 11:18:51] ppcls INFO: [Train][Epoch 58/120][Avg]top1: 0.82237, CELoss: 0.49920, loss: 0.49920

[2024/03/05 11:18:51] ppcls INFO: [Eval][Epoch 58][Iter: 0/10]CELoss: 0.36619, loss: 0.36619, top1: 0.87500, batch\_cost: 0.30996s, reader\_cost: 0.27907, ips: 51.61907 images/sec

[2024/03/05 11:18:55] ppcls INFO: [Eval][Epoch 58][Avg]CELoss: 0.31303, loss: 0.31303, top1: 0.90278

[2024/03/05 11:18:55] ppcls INFO: [Eval][Epoch 58][best metric: 0.944444477558136]

[2024/03/05 11:18:55] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_58

[2024/03/05 11:18:55] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:18:56] ppcls INFO: [Train][Epoch 59/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.87500, CELoss: 0.40237, loss: 0.40237, batch\_cost: 0.35388s, reader\_cost: 0.26404, ips: 45.21296 samples/s, eta: 0:13:53

[2024/03/05 11:19:00] ppcls INFO: [Train][Epoch 59/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.86932, CELoss: 0.42060, loss: 0.42060, batch\_cost: 0.43832s, reader\_cost: 0.36077, ips: 36.50267 samples/s, eta: 0:17:08

[2024/03/05 11:19:03] ppcls INFO: [Train][Epoch 59/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.87798, CELoss: 0.37988, loss: 0.37988, batch\_cost: 0.37504s, reader\_cost: 0.29278, ips: 42.66167 samples/s, eta: 0:14:36

[2024/03/05 11:19:06] ppcls INFO: [Train][Epoch 59/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.86089, CELoss: 0.40587, loss: 0.40587, batch\_cost: 0.35672s, reader\_cost: 0.27315, ips: 44.85286 samples/s, eta: 0:13:49

[2024/03/05 11:19:09] ppcls INFO: [Train][Epoch 59/120][Avg]top1: 0.85526, CELoss: 0.40772, loss: 0.40772

[2024/03/05 11:19:09] ppcls INFO: [Eval][Epoch 59][Iter: 0/10]CELoss: 0.19033, loss: 0.19033, top1: 1.00000, batch\_cost: 0.31184s, reader\_cost: 0.28194, ips: 51.30843 images/sec

[2024/03/05 11:19:13] ppcls INFO: [Eval][Epoch 59][Avg]CELoss: 0.28502, loss: 0.28502, top1: 0.93056

[2024/03/05 11:19:13] ppcls INFO: [Eval][Epoch 59][best metric: 0.944444477558136]

[2024/03/05 11:19:13] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_59

[2024/03/05 11:19:13] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:19:14] ppcls INFO: [Train][Epoch 60/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.93750, CELoss: 0.18766, loss: 0.18766, batch\_cost: 0.36118s, reader\_cost: 0.27063, ips: 44.29867 samples/s, eta: 0:13:57

[2024/03/05 11:19:17] ppcls INFO: [Train][Epoch 60/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.86364, CELoss: 0.43043, loss: 0.43043, batch\_cost: 0.31561s, reader\_cost: 0.24717, ips: 50.69554 samples/s, eta: 0:12:08

[2024/03/05 11:19:20] ppcls INFO: [Train][Epoch 60/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.85417, CELoss: 0.44251, loss: 0.44251, batch\_cost: 0.32060s, reader\_cost: 0.24181, ips: 49.90680 samples/s, eta: 0:12:16

[2024/03/05 11:19:24] ppcls INFO: [Train][Epoch 60/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.85887, CELoss: 0.45956, loss: 0.45956, batch\_cost: 0.34498s, reader\_cost: 0.26355, ips: 46.37970 samples/s, eta: 0:13:09

[2024/03/05 11:19:27] ppcls INFO: [Train][Epoch 60/120][Avg]top1: 0.85855, CELoss: 0.46748, loss: 0.46748

[2024/03/05 11:19:27] ppcls INFO: [Eval][Epoch 60][Iter: 0/10]CELoss: 0.23921, loss: 0.23921, top1: 1.00000, batch\_cost: 0.30114s, reader\_cost: 0.27025, ips: 53.13134 images/sec

[2024/03/05 11:19:31] ppcls INFO: [Eval][Epoch 60][Avg]CELoss: 0.30627, loss: 0.30627, top1: 0.90972

[2024/03/05 11:19:31] ppcls INFO: [Eval][Epoch 60][best metric: 0.944444477558136]

[2024/03/05 11:19:31] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_60

[2024/03/05 11:19:32] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:19:32] ppcls INFO: [Train][Epoch 61/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81250, CELoss: 0.57970, loss: 0.57970, batch\_cost: 0.36015s, reader\_cost: 0.27244, ips: 44.42537 samples/s, eta: 0:13:41

[2024/03/05 11:19:35] ppcls INFO: [Train][Epoch 61/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.81818, CELoss: 0.51916, loss: 0.51916, batch\_cost: 0.31779s, reader\_cost: 0.24541, ips: 50.34755 samples/s, eta: 0:12:01

[2024/03/05 11:19:39] ppcls INFO: [Train][Epoch 61/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82738, CELoss: 0.49557, loss: 0.49557, batch\_cost: 0.35141s, reader\_cost: 0.27033, ips: 45.53030 samples/s, eta: 0:13:14

[2024/03/05 11:19:43] ppcls INFO: [Train][Epoch 61/120][Iter: 30/38]lr(PiecewiseDecay): 0.01000000, top1: 0.82460, CELoss: 0.50255, loss: 0.50255, batch\_cost: 0.36648s, reader\_cost: 0.28241, ips: 43.65857 samples/s, eta: 0:13:44

[2024/03/05 11:19:45] ppcls INFO: [Train][Epoch 61/120][Avg]top1: 0.82730, CELoss: 0.49813, loss: 0.49813

[2024/03/05 11:19:45] ppcls INFO: [Eval][Epoch 61][Iter: 0/10]CELoss: 0.23605, loss: 0.23605, top1: 1.00000, batch\_cost: 0.30182s, reader\_cost: 0.27092, ips: 53.01218 images/sec

[2024/03/05 11:19:49] ppcls INFO: [Eval][Epoch 61][Avg]CELoss: 0.31426, loss: 0.31426, top1: 0.90972

[2024/03/05 11:19:49] ppcls INFO: [Eval][Epoch 61][best metric: 0.944444477558136]

[2024/03/05 11:19:49] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_61

[2024/03/05 11:19:50] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:19:50] ppcls INFO: [Train][Epoch 62/120][Iter: 0/38]lr(PiecewiseDecay): 0.01000000, top1: 1.00000, CELoss: 0.23535, loss: 0.23535, batch\_cost: 0.35937s, reader\_cost: 0.27183, ips: 44.52275 samples/s, eta: 0:13:25

[2024/03/05 11:19:53] ppcls INFO: [Train][Epoch 62/120][Iter: 10/38]lr(PiecewiseDecay): 0.01000000, top1: 0.84091, CELoss: 0.51363, loss: 0.51363, batch\_cost: 0.33927s, reader\_cost: 0.26361, ips: 47.15976 samples/s, eta: 0:12:37

[2024/03/05 11:19:57] ppcls INFO: [Train][Epoch 62/120][Iter: 20/38]lr(PiecewiseDecay): 0.01000000, top1: 0.84524, CELoss: 0.47203, loss: 0.47203, batch\_cost: 0.36014s, reader\_cost: 0.27560, ips: 44.42745 samples/s, eta: 0:13:20

[2024/03/05 11:20:00] ppcls INFO: [Train][Epoch 62/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.83266, CELoss: 0.49357, loss: 0.49357, batch\_cost: 0.35402s, reader\_cost: 0.26928, ips: 45.19551 samples/s, eta: 0:13:03

[2024/03/05 11:20:03] ppcls INFO: [Train][Epoch 62/120][Avg]top1: 0.83059, CELoss: 0.49222, loss: 0.49222

[2024/03/05 11:20:03] ppcls INFO: [Eval][Epoch 62][Iter: 0/10]CELoss: 0.31156, loss: 0.31156, top1: 0.93750, batch\_cost: 0.30375s, reader\_cost: 0.27086, ips: 52.67448 images/sec

[2024/03/05 11:20:07] ppcls INFO: [Eval][Epoch 62][Avg]CELoss: 0.31155, loss: 0.31155, top1: 0.91667

[2024/03/05 11:20:07] ppcls INFO: [Eval][Epoch 62][best metric: 0.944444477558136]

[2024/03/05 11:20:07] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_62

[2024/03/05 11:20:08] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:20:08] ppcls INFO: [Train][Epoch 63/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.93750, CELoss: 0.28891, loss: 0.28891, batch\_cost: 0.37225s, reader\_cost: 0.28057, ips: 42.98191 samples/s, eta: 0:13:40

[2024/03/05 11:20:12] ppcls INFO: [Train][Epoch 63/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.39336, loss: 0.39336, batch\_cost: 0.41920s, reader\_cost: 0.34854, ips: 38.16765 samples/s, eta: 0:15:19

[2024/03/05 11:20:15] ppcls INFO: [Train][Epoch 63/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.39583, loss: 0.39583, batch\_cost: 0.36621s, reader\_cost: 0.28552, ips: 43.69110 samples/s, eta: 0:13:19

[2024/03/05 11:20:19] ppcls INFO: [Train][Epoch 63/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86895, CELoss: 0.43333, loss: 0.43333, batch\_cost: 0.34979s, reader\_cost: 0.26737, ips: 45.74158 samples/s, eta: 0:12:40

[2024/03/05 11:20:21] ppcls INFO: [Train][Epoch 63/120][Avg]top1: 0.86678, CELoss: 0.43801, loss: 0.43801

[2024/03/05 11:20:22] ppcls INFO: [Eval][Epoch 63][Iter: 0/10]CELoss: 0.28406, loss: 0.28406, top1: 1.00000, batch\_cost: 0.31151s, reader\_cost: 0.28161, ips: 51.36282 images/sec

[2024/03/05 11:20:25] ppcls INFO: [Eval][Epoch 63][Avg]CELoss: 0.29782, loss: 0.29782, top1: 0.93750

[2024/03/05 11:20:25] ppcls INFO: [Eval][Epoch 63][best metric: 0.944444477558136]

[2024/03/05 11:20:26] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_63

[2024/03/05 11:20:26] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:20:26] ppcls INFO: [Train][Epoch 64/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.93750, CELoss: 0.28928, loss: 0.28928, batch\_cost: 0.36270s, reader\_cost: 0.27535, ips: 44.11377 samples/s, eta: 0:13:05

[2024/03/05 11:20:30] ppcls INFO: [Train][Epoch 64/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86364, CELoss: 0.45355, loss: 0.45355, batch\_cost: 0.35796s, reader\_cost: 0.27625, ips: 44.69721 samples/s, eta: 0:12:51

[2024/03/05 11:20:34] ppcls INFO: [Train][Epoch 64/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85714, CELoss: 0.44433, loss: 0.44433, batch\_cost: 0.38216s, reader\_cost: 0.29875, ips: 41.86767 samples/s, eta: 0:13:40

[2024/03/05 11:20:37] ppcls INFO: [Train][Epoch 64/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86290, CELoss: 0.42414, loss: 0.42414, batch\_cost: 0.36426s, reader\_cost: 0.27981, ips: 43.92509 samples/s, eta: 0:12:58

[2024/03/05 11:20:39] ppcls INFO: [Train][Epoch 64/120][Avg]top1: 0.84704, CELoss: 0.46114, loss: 0.46114

[2024/03/05 11:20:40] ppcls INFO: [Eval][Epoch 64][Iter: 0/10]CELoss: 0.26179, loss: 0.26179, top1: 1.00000, batch\_cost: 0.31926s, reader\_cost: 0.28637, ips: 50.11640 images/sec

[2024/03/05 11:20:43] ppcls INFO: [Eval][Epoch 64][Avg]CELoss: 0.29423, loss: 0.29423, top1: 0.93056

[2024/03/05 11:20:43] ppcls INFO: [Eval][Epoch 64][best metric: 0.944444477558136]

[2024/03/05 11:20:44] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_64

[2024/03/05 11:20:44] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:20:45] ppcls INFO: [Train][Epoch 65/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.37918, loss: 0.37918, batch\_cost: 0.36885s, reader\_cost: 0.28023, ips: 43.37865 samples/s, eta: 0:13:04

[2024/03/05 11:20:48] ppcls INFO: [Train][Epoch 65/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85227, CELoss: 0.43592, loss: 0.43592, batch\_cost: 0.32082s, reader\_cost: 0.24528, ips: 49.87234 samples/s, eta: 0:11:19

[2024/03/05 11:20:51] ppcls INFO: [Train][Epoch 65/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86310, CELoss: 0.42025, loss: 0.42025, batch\_cost: 0.34274s, reader\_cost: 0.26000, ips: 46.68258 samples/s, eta: 0:12:02

[2024/03/05 11:20:55] ppcls INFO: [Train][Epoch 65/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85887, CELoss: 0.43063, loss: 0.43063, batch\_cost: 0.34745s, reader\_cost: 0.26368, ips: 46.04959 samples/s, eta: 0:12:08

[2024/03/05 11:20:58] ppcls INFO: [Train][Epoch 65/120][Avg]top1: 0.86513, CELoss: 0.40852, loss: 0.40852

[2024/03/05 11:20:58] ppcls INFO: [Eval][Epoch 65][Iter: 0/10]CELoss: 0.28376, loss: 0.28376, top1: 1.00000, batch\_cost: 0.32157s, reader\_cost: 0.29067, ips: 49.75619 images/sec

[2024/03/05 11:21:02] ppcls INFO: [Eval][Epoch 65][Avg]CELoss: 0.30741, loss: 0.30741, top1: 0.92361

[2024/03/05 11:21:02] ppcls INFO: [Eval][Epoch 65][best metric: 0.944444477558136]

[2024/03/05 11:21:02] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_65

[2024/03/05 11:21:02] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:21:03] ppcls INFO: [Train][Epoch 66/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.81250, CELoss: 0.55739, loss: 0.55739, batch\_cost: 0.35804s, reader\_cost: 0.26710, ips: 44.68762 samples/s, eta: 0:12:28

[2024/03/05 11:21:06] ppcls INFO: [Train][Epoch 66/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.82955, CELoss: 0.49470, loss: 0.49470, batch\_cost: 0.33245s, reader\_cost: 0.26187, ips: 48.12772 samples/s, eta: 0:11:31

[2024/03/05 11:21:10] ppcls INFO: [Train][Epoch 66/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.83929, CELoss: 0.46825, loss: 0.46825, batch\_cost: 0.35095s, reader\_cost: 0.27091, ips: 45.59109 samples/s, eta: 0:12:06

[2024/03/05 11:21:13] ppcls INFO: [Train][Epoch 66/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85081, CELoss: 0.45609, loss: 0.45609, batch\_cost: 0.35181s, reader\_cost: 0.26855, ips: 45.47917 samples/s, eta: 0:12:04

[2024/03/05 11:21:16] ppcls INFO: [Train][Epoch 66/120][Avg]top1: 0.86349, CELoss: 0.43311, loss: 0.43311

[2024/03/05 11:21:16] ppcls INFO: [Eval][Epoch 66][Iter: 0/10]CELoss: 0.24108, loss: 0.24108, top1: 1.00000, batch\_cost: 0.30498s, reader\_cost: 0.27309, ips: 52.46253 images/sec

[2024/03/05 11:21:20] ppcls INFO: [Eval][Epoch 66][Avg]CELoss: 0.28834, loss: 0.28834, top1: 0.93750

[2024/03/05 11:21:20] ppcls INFO: [Eval][Epoch 66][best metric: 0.944444477558136]

[2024/03/05 11:21:20] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_66

[2024/03/05 11:21:21] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:21:21] ppcls INFO: [Train][Epoch 67/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.75000, CELoss: 0.60252, loss: 0.60252, batch\_cost: 0.36724s, reader\_cost: 0.27707, ips: 43.56777 samples/s, eta: 0:12:33

[2024/03/05 11:21:24] ppcls INFO: [Train][Epoch 67/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85227, CELoss: 0.39371, loss: 0.39371, batch\_cost: 0.33324s, reader\_cost: 0.25700, ips: 48.01306 samples/s, eta: 0:11:20

[2024/03/05 11:21:28] ppcls INFO: [Train][Epoch 67/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.84821, CELoss: 0.43099, loss: 0.43099, batch\_cost: 0.34647s, reader\_cost: 0.26465, ips: 46.18014 samples/s, eta: 0:11:44

[2024/03/05 11:21:31] ppcls INFO: [Train][Epoch 67/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.84274, CELoss: 0.43433, loss: 0.43433, batch\_cost: 0.33587s, reader\_cost: 0.25278, ips: 47.63740 samples/s, eta: 0:11:19

[2024/03/05 11:21:34] ppcls INFO: [Train][Epoch 67/120][Avg]top1: 0.84868, CELoss: 0.42034, loss: 0.42034

[2024/03/05 11:21:34] ppcls INFO: [Eval][Epoch 67][Iter: 0/10]CELoss: 0.23436, loss: 0.23436, top1: 1.00000, batch\_cost: 0.30924s, reader\_cost: 0.27735, ips: 51.73961 images/sec

[2024/03/05 11:21:38] ppcls INFO: [Eval][Epoch 67][Avg]CELoss: 0.28905, loss: 0.28905, top1: 0.93056

[2024/03/05 11:21:38] ppcls INFO: [Eval][Epoch 67][best metric: 0.944444477558136]

[2024/03/05 11:21:38] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_67

[2024/03/05 11:21:39] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:21:39] ppcls INFO: [Train][Epoch 68/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.62926, loss: 0.62926, batch\_cost: 0.35898s, reader\_cost: 0.26824, ips: 44.57065 samples/s, eta: 0:12:02

[2024/03/05 11:21:42] ppcls INFO: [Train][Epoch 68/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.82955, CELoss: 0.57536, loss: 0.57536, batch\_cost: 0.34320s, reader\_cost: 0.27269, ips: 46.61982 samples/s, eta: 0:11:27

[2024/03/05 11:21:46] ppcls INFO: [Train][Epoch 68/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.83036, CELoss: 0.50419, loss: 0.50419, batch\_cost: 0.34586s, reader\_cost: 0.26591, ips: 46.26205 samples/s, eta: 0:11:29

[2024/03/05 11:21:49] ppcls INFO: [Train][Epoch 68/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.83669, CELoss: 0.48481, loss: 0.48481, batch\_cost: 0.35646s, reader\_cost: 0.27445, ips: 44.88551 samples/s, eta: 0:11:47

[2024/03/05 11:21:52] ppcls INFO: [Train][Epoch 68/120][Avg]top1: 0.84704, CELoss: 0.46652, loss: 0.46652

[2024/03/05 11:21:52] ppcls INFO: [Eval][Epoch 68][Iter: 0/10]CELoss: 0.25679, loss: 0.25679, top1: 1.00000, batch\_cost: 0.30424s, reader\_cost: 0.27335, ips: 52.58940 images/sec

[2024/03/05 11:21:56] ppcls INFO: [Eval][Epoch 68][Avg]CELoss: 0.28588, loss: 0.28588, top1: 0.93750

[2024/03/05 11:21:56] ppcls INFO: [Eval][Epoch 68][best metric: 0.944444477558136]

[2024/03/05 11:21:56] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_68

[2024/03/05 11:21:57] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:21:57] ppcls INFO: [Train][Epoch 69/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.81250, CELoss: 0.43477, loss: 0.43477, batch\_cost: 0.36572s, reader\_cost: 0.27814, ips: 43.74985 samples/s, eta: 0:12:02

[2024/03/05 11:22:00] ppcls INFO: [Train][Epoch 69/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.80682, CELoss: 0.54476, loss: 0.54476, batch\_cost: 0.33082s, reader\_cost: 0.25425, ips: 48.36480 samples/s, eta: 0:10:50

[2024/03/05 11:22:04] ppcls INFO: [Train][Epoch 69/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.83333, CELoss: 0.45151, loss: 0.45151, batch\_cost: 0.34320s, reader\_cost: 0.26068, ips: 46.62054 samples/s, eta: 0:11:11

[2024/03/05 11:22:07] ppcls INFO: [Train][Epoch 69/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.83669, CELoss: 0.44554, loss: 0.44554, batch\_cost: 0.34935s, reader\_cost: 0.26590, ips: 45.79999 samples/s, eta: 0:11:19

[2024/03/05 11:22:10] ppcls INFO: [Train][Epoch 69/120][Avg]top1: 0.84704, CELoss: 0.43997, loss: 0.43997

[2024/03/05 11:22:10] ppcls INFO: [Eval][Epoch 69][Iter: 0/10]CELoss: 0.22512, loss: 0.22512, top1: 1.00000, batch\_cost: 0.31659s, reader\_cost: 0.28569, ips: 50.53873 images/sec

[2024/03/05 11:22:14] ppcls INFO: [Eval][Epoch 69][Avg]CELoss: 0.28395, loss: 0.28395, top1: 0.93750

[2024/03/05 11:22:14] ppcls INFO: [Eval][Epoch 69][best metric: 0.944444477558136]

[2024/03/05 11:22:14] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_69

[2024/03/05 11:22:15] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:22:15] ppcls INFO: [Train][Epoch 70/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.93750, CELoss: 0.33380, loss: 0.33380, batch\_cost: 0.36019s, reader\_cost: 0.27042, ips: 44.42058 samples/s, eta: 0:11:38

[2024/03/05 11:22:19] ppcls INFO: [Train][Epoch 70/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85227, CELoss: 0.45036, loss: 0.45036, batch\_cost: 0.37488s, reader\_cost: 0.29747, ips: 42.68012 samples/s, eta: 0:12:02

[2024/03/05 11:22:22] ppcls INFO: [Train][Epoch 70/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.84821, CELoss: 0.44958, loss: 0.44958, batch\_cost: 0.35399s, reader\_cost: 0.27143, ips: 45.19933 samples/s, eta: 0:11:18

[2024/03/05 11:22:26] ppcls INFO: [Train][Epoch 70/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.84073, CELoss: 0.44565, loss: 0.44565, batch\_cost: 0.35172s, reader\_cost: 0.26788, ips: 45.49124 samples/s, eta: 0:11:11

[2024/03/05 11:22:28] ppcls INFO: [Train][Epoch 70/120][Avg]top1: 0.84211, CELoss: 0.43649, loss: 0.43649

[2024/03/05 11:22:28] ppcls INFO: [Eval][Epoch 70][Iter: 0/10]CELoss: 0.21035, loss: 0.21035, top1: 1.00000, batch\_cost: 0.30449s, reader\_cost: 0.27260, ips: 52.54645 images/sec

[2024/03/05 11:22:32] ppcls INFO: [Eval][Epoch 70][Avg]CELoss: 0.28204, loss: 0.28204, top1: 0.93056

[2024/03/05 11:22:32] ppcls INFO: [Eval][Epoch 70][best metric: 0.944444477558136]

[2024/03/05 11:22:32] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_70

[2024/03/05 11:22:33] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:22:33] ppcls INFO: [Train][Epoch 71/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.93750, CELoss: 0.24178, loss: 0.24178, batch\_cost: 0.35368s, reader\_cost: 0.26519, ips: 45.23868 samples/s, eta: 0:11:11

[2024/03/05 11:22:37] ppcls INFO: [Train][Epoch 71/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.88068, CELoss: 0.44797, loss: 0.44797, batch\_cost: 0.33157s, reader\_cost: 0.25832, ips: 48.25514 samples/s, eta: 0:10:26

[2024/03/05 11:22:40] ppcls INFO: [Train][Epoch 71/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87798, CELoss: 0.42596, loss: 0.42596, batch\_cost: 0.33286s, reader\_cost: 0.25207, ips: 48.06842 samples/s, eta: 0:10:25

[2024/03/05 11:22:44] ppcls INFO: [Train][Epoch 71/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86492, CELoss: 0.43452, loss: 0.43452, batch\_cost: 0.34578s, reader\_cost: 0.26300, ips: 46.27249 samples/s, eta: 0:10:46

[2024/03/05 11:22:46] ppcls INFO: [Train][Epoch 71/120][Avg]top1: 0.85526, CELoss: 0.43442, loss: 0.43442

[2024/03/05 11:22:47] ppcls INFO: [Eval][Epoch 71][Iter: 0/10]CELoss: 0.18671, loss: 0.18671, top1: 1.00000, batch\_cost: 0.31295s, reader\_cost: 0.28206, ips: 51.12597 images/sec

[2024/03/05 11:22:50] ppcls INFO: [Eval][Epoch 71][Avg]CELoss: 0.26819, loss: 0.26819, top1: 0.94444

[2024/03/05 11:22:50] ppcls INFO: [Eval][Epoch 71][best metric: 0.944444477558136]

[2024/03/05 11:22:51] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_71

[2024/03/05 11:22:51] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:22:52] ppcls INFO: [Train][Epoch 72/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.35371, loss: 0.35371, batch\_cost: 0.36498s, reader\_cost: 0.27576, ips: 43.83809 samples/s, eta: 0:11:19

[2024/03/05 11:22:55] ppcls INFO: [Train][Epoch 72/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.82386, CELoss: 0.44974, loss: 0.44974, batch\_cost: 0.35752s, reader\_cost: 0.27231, ips: 44.75299 samples/s, eta: 0:11:02

[2024/03/05 11:22:58] ppcls INFO: [Train][Epoch 72/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.83333, CELoss: 0.44400, loss: 0.44400, batch\_cost: 0.35425s, reader\_cost: 0.26893, ips: 45.16579 samples/s, eta: 0:10:52

[2024/03/05 11:23:02] ppcls INFO: [Train][Epoch 72/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.83871, CELoss: 0.43827, loss: 0.43827, batch\_cost: 0.36028s, reader\_cost: 0.27505, ips: 44.41006 samples/s, eta: 0:11:00

[2024/03/05 11:23:05] ppcls INFO: [Train][Epoch 72/120][Avg]top1: 0.84539, CELoss: 0.41886, loss: 0.41886

[2024/03/05 11:23:05] ppcls INFO: [Eval][Epoch 72][Iter: 0/10]CELoss: 0.23591, loss: 0.23591, top1: 1.00000, batch\_cost: 0.32292s, reader\_cost: 0.29202, ips: 49.54801 images/sec

[2024/03/05 11:23:08] ppcls INFO: [Eval][Epoch 72][Avg]CELoss: 0.28675, loss: 0.28675, top1: 0.92361

[2024/03/05 11:23:08] ppcls INFO: [Eval][Epoch 72][best metric: 0.944444477558136]

[2024/03/05 11:23:09] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_72

[2024/03/05 11:23:09] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:23:10] ppcls INFO: [Train][Epoch 73/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.38362, loss: 0.38362, batch\_cost: 0.36357s, reader\_cost: 0.27172, ips: 44.00757 samples/s, eta: 0:11:03

[2024/03/05 11:23:13] ppcls INFO: [Train][Epoch 73/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.89205, CELoss: 0.36422, loss: 0.36422, batch\_cost: 0.31677s, reader\_cost: 0.24219, ips: 50.50912 samples/s, eta: 0:09:34

[2024/03/05 11:23:17] ppcls INFO: [Train][Epoch 73/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.84821, CELoss: 0.44233, loss: 0.44233, batch\_cost: 0.33631s, reader\_cost: 0.25497, ips: 47.57495 samples/s, eta: 0:10:06

[2024/03/05 11:23:20] ppcls INFO: [Train][Epoch 73/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.84476, CELoss: 0.46984, loss: 0.46984, batch\_cost: 0.33793s, reader\_cost: 0.25412, ips: 47.34658 samples/s, eta: 0:10:06

[2024/03/05 11:23:23] ppcls INFO: [Train][Epoch 73/120][Avg]top1: 0.84211, CELoss: 0.48086, loss: 0.48086

[2024/03/05 11:23:23] ppcls INFO: [Eval][Epoch 73][Iter: 0/10]CELoss: 0.21700, loss: 0.21700, top1: 1.00000, batch\_cost: 0.33210s, reader\_cost: 0.30120, ips: 48.17851 images/sec

[2024/03/05 11:23:27] ppcls INFO: [Eval][Epoch 73][Avg]CELoss: 0.28688, loss: 0.28688, top1: 0.93750

[2024/03/05 11:23:27] ppcls INFO: [Eval][Epoch 73][best metric: 0.944444477558136]

[2024/03/05 11:23:27] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_73

[2024/03/05 11:23:27] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:23:28] ppcls INFO: [Train][Epoch 74/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 1.00000, CELoss: 0.13457, loss: 0.13457, batch\_cost: 0.35433s, reader\_cost: 0.26661, ips: 45.15593 samples/s, eta: 0:10:32

[2024/03/05 11:23:31] ppcls INFO: [Train][Epoch 74/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85227, CELoss: 0.44557, loss: 0.44557, batch\_cost: 0.32616s, reader\_cost: 0.25091, ips: 49.05538 samples/s, eta: 0:09:39

[2024/03/05 11:23:35] ppcls INFO: [Train][Epoch 74/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86012, CELoss: 0.44235, loss: 0.44235, batch\_cost: 0.33560s, reader\_cost: 0.25331, ips: 47.67615 samples/s, eta: 0:09:52

[2024/03/05 11:23:38] ppcls INFO: [Train][Epoch 74/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.84274, CELoss: 0.45872, loss: 0.45872, batch\_cost: 0.35015s, reader\_cost: 0.26656, ips: 45.69435 samples/s, eta: 0:10:14

[2024/03/05 11:23:41] ppcls INFO: [Train][Epoch 74/120][Avg]top1: 0.84868, CELoss: 0.43279, loss: 0.43279

[2024/03/05 11:23:41] ppcls INFO: [Eval][Epoch 74][Iter: 0/10]CELoss: 0.21311, loss: 0.21311, top1: 1.00000, batch\_cost: 0.32056s, reader\_cost: 0.29066, ips: 49.91221 images/sec

[2024/03/05 11:23:45] ppcls INFO: [Eval][Epoch 74][Avg]CELoss: 0.27836, loss: 0.27836, top1: 0.93750

[2024/03/05 11:23:45] ppcls INFO: [Eval][Epoch 74][best metric: 0.944444477558136]

[2024/03/05 11:23:45] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_74

[2024/03/05 11:23:45] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:23:46] ppcls INFO: [Train][Epoch 75/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.29432, loss: 0.29432, batch\_cost: 0.35189s, reader\_cost: 0.26445, ips: 45.46811 samples/s, eta: 0:10:15

[2024/03/05 11:23:49] ppcls INFO: [Train][Epoch 75/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.79545, CELoss: 0.56012, loss: 0.56012, batch\_cost: 0.37617s, reader\_cost: 0.29212, ips: 42.53407 samples/s, eta: 0:10:53

[2024/03/05 11:23:53] ppcls INFO: [Train][Epoch 75/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.81250, CELoss: 0.49157, loss: 0.49157, batch\_cost: 0.37512s, reader\_cost: 0.29016, ips: 42.65340 samples/s, eta: 0:10:48

[2024/03/05 11:23:57] ppcls INFO: [Train][Epoch 75/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.83065, CELoss: 0.44659, loss: 0.44659, batch\_cost: 0.35768s, reader\_cost: 0.27250, ips: 44.73324 samples/s, eta: 0:10:14

[2024/03/05 11:23:59] ppcls INFO: [Train][Epoch 75/120][Avg]top1: 0.83388, CELoss: 0.42903, loss: 0.42903

[2024/03/05 11:23:59] ppcls INFO: [Eval][Epoch 75][Iter: 0/10]CELoss: 0.25798, loss: 0.25798, top1: 1.00000, batch\_cost: 0.30897s, reader\_cost: 0.28006, ips: 51.78561 images/sec

[2024/03/05 11:24:03] ppcls INFO: [Eval][Epoch 75][Avg]CELoss: 0.30222, loss: 0.30222, top1: 0.92361

[2024/03/05 11:24:03] ppcls INFO: [Eval][Epoch 75][best metric: 0.944444477558136]

[2024/03/05 11:24:03] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_75

[2024/03/05 11:24:03] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:24:04] ppcls INFO: [Train][Epoch 76/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 1.00000, CELoss: 0.12892, loss: 0.12892, batch\_cost: 0.35676s, reader\_cost: 0.26811, ips: 44.84808 samples/s, eta: 0:10:10

[2024/03/05 11:24:07] ppcls INFO: [Train][Epoch 76/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.39084, loss: 0.39084, batch\_cost: 0.37769s, reader\_cost: 0.29680, ips: 42.36250 samples/s, eta: 0:10:42

[2024/03/05 11:24:11] ppcls INFO: [Train][Epoch 76/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.84821, CELoss: 0.44814, loss: 0.44814, batch\_cost: 0.35137s, reader\_cost: 0.26821, ips: 45.53643 samples/s, eta: 0:09:53

[2024/03/05 11:24:14] ppcls INFO: [Train][Epoch 76/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.83669, CELoss: 0.46156, loss: 0.46156, batch\_cost: 0.35436s, reader\_cost: 0.26999, ips: 45.15178 samples/s, eta: 0:09:55

[2024/03/05 11:24:17] ppcls INFO: [Train][Epoch 76/120][Avg]top1: 0.83882, CELoss: 0.44964, loss: 0.44964

[2024/03/05 11:24:17] ppcls INFO: [Eval][Epoch 76][Iter: 0/10]CELoss: 0.26017, loss: 0.26017, top1: 1.00000, batch\_cost: 0.30211s, reader\_cost: 0.27021, ips: 52.96139 images/sec

[2024/03/05 11:24:21] ppcls INFO: [Eval][Epoch 76][Avg]CELoss: 0.29601, loss: 0.29601, top1: 0.91667

[2024/03/05 11:24:21] ppcls INFO: [Eval][Epoch 76][best metric: 0.944444477558136]

[2024/03/05 11:24:21] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_76

[2024/03/05 11:24:22] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:24:22] ppcls INFO: [Train][Epoch 77/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.93750, CELoss: 0.27117, loss: 0.27117, batch\_cost: 0.36454s, reader\_cost: 0.27646, ips: 43.89145 samples/s, eta: 0:10:09

[2024/03/05 11:24:26] ppcls INFO: [Train][Epoch 77/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.84659, CELoss: 0.52486, loss: 0.52486, batch\_cost: 0.40264s, reader\_cost: 0.33256, ips: 39.73750 samples/s, eta: 0:11:09

[2024/03/05 11:24:29] ppcls INFO: [Train][Epoch 77/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85714, CELoss: 0.44921, loss: 0.44921, batch\_cost: 0.38111s, reader\_cost: 0.30200, ips: 41.98281 samples/s, eta: 0:10:29

[2024/03/05 11:24:33] ppcls INFO: [Train][Epoch 77/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85685, CELoss: 0.44217, loss: 0.44217, batch\_cost: 0.37523s, reader\_cost: 0.29378, ips: 42.64073 samples/s, eta: 0:10:16

[2024/03/05 11:24:35] ppcls INFO: [Train][Epoch 77/120][Avg]top1: 0.83388, CELoss: 0.47180, loss: 0.47180

[2024/03/05 11:24:35] ppcls INFO: [Eval][Epoch 77][Iter: 0/10]CELoss: 0.21094, loss: 0.21094, top1: 1.00000, batch\_cost: 0.30814s, reader\_cost: 0.27824, ips: 51.92432 images/sec

[2024/03/05 11:24:39] ppcls INFO: [Eval][Epoch 77][Avg]CELoss: 0.27989, loss: 0.27989, top1: 0.94444

[2024/03/05 11:24:39] ppcls INFO: [Eval][Epoch 77][best metric: 0.944444477558136]

[2024/03/05 11:24:39] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_77

[2024/03/05 11:24:40] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:24:40] ppcls INFO: [Train][Epoch 78/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.59605, loss: 0.59605, batch\_cost: 0.36825s, reader\_cost: 0.28110, ips: 43.44879 samples/s, eta: 0:10:01

[2024/03/05 11:24:44] ppcls INFO: [Train][Epoch 78/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86932, CELoss: 0.42853, loss: 0.42853, batch\_cost: 0.36692s, reader\_cost: 0.28602, ips: 43.60668 samples/s, eta: 0:09:55

[2024/03/05 11:24:47] ppcls INFO: [Train][Epoch 78/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86012, CELoss: 0.40908, loss: 0.40908, batch\_cost: 0.33168s, reader\_cost: 0.24840, ips: 48.23997 samples/s, eta: 0:08:55

[2024/03/05 11:24:51] ppcls INFO: [Train][Epoch 78/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86290, CELoss: 0.42993, loss: 0.42993, batch\_cost: 0.34189s, reader\_cost: 0.25756, ips: 46.79841 samples/s, eta: 0:09:08

[2024/03/05 11:24:53] ppcls INFO: [Train][Epoch 78/120][Avg]top1: 0.86349, CELoss: 0.42008, loss: 0.42008

[2024/03/05 11:24:54] ppcls INFO: [Eval][Epoch 78][Iter: 0/10]CELoss: 0.19441, loss: 0.19441, top1: 1.00000, batch\_cost: 0.30498s, reader\_cost: 0.27309, ips: 52.46261 images/sec

[2024/03/05 11:24:57] ppcls INFO: [Eval][Epoch 78][Avg]CELoss: 0.27515, loss: 0.27515, top1: 0.94444

[2024/03/05 11:24:57] ppcls INFO: [Eval][Epoch 78][best metric: 0.944444477558136]

[2024/03/05 11:24:57] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_78

[2024/03/05 11:24:58] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:24:59] ppcls INFO: [Train][Epoch 79/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.81250, CELoss: 0.50142, loss: 0.50142, batch\_cost: 0.35569s, reader\_cost: 0.26388, ips: 44.98356 samples/s, eta: 0:09:27

[2024/03/05 11:25:02] ppcls INFO: [Train][Epoch 79/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.84091, CELoss: 0.42883, loss: 0.42883, batch\_cost: 0.35271s, reader\_cost: 0.27672, ips: 45.36287 samples/s, eta: 0:09:19

[2024/03/05 11:25:05] ppcls INFO: [Train][Epoch 79/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86607, CELoss: 0.42032, loss: 0.42032, batch\_cost: 0.35269s, reader\_cost: 0.27070, ips: 45.36615 samples/s, eta: 0:09:15

[2024/03/05 11:25:09] ppcls INFO: [Train][Epoch 79/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86895, CELoss: 0.38510, loss: 0.38510, batch\_cost: 0.35231s, reader\_cost: 0.26888, ips: 45.41439 samples/s, eta: 0:09:11

[2024/03/05 11:25:11] ppcls INFO: [Train][Epoch 79/120][Avg]top1: 0.86513, CELoss: 0.39546, loss: 0.39546

[2024/03/05 11:25:12] ppcls INFO: [Eval][Epoch 79][Iter: 0/10]CELoss: 0.20890, loss: 0.20890, top1: 1.00000, batch\_cost: 0.32591s, reader\_cost: 0.29501, ips: 49.09337 images/sec

[2024/03/05 11:25:15] ppcls INFO: [Eval][Epoch 79][Avg]CELoss: 0.28416, loss: 0.28416, top1: 0.93056

[2024/03/05 11:25:15] ppcls INFO: [Eval][Epoch 79][best metric: 0.944444477558136]

[2024/03/05 11:25:16] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_79

[2024/03/05 11:25:16] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:25:17] ppcls INFO: [Train][Epoch 80/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.75000, CELoss: 0.45784, loss: 0.45784, batch\_cost: 0.36087s, reader\_cost: 0.27440, ips: 44.33704 samples/s, eta: 0:09:22

[2024/03/05 11:25:20] ppcls INFO: [Train][Epoch 80/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.83523, CELoss: 0.47519, loss: 0.47519, batch\_cost: 0.35323s, reader\_cost: 0.26791, ips: 45.29654 samples/s, eta: 0:09:06

[2024/03/05 11:25:24] ppcls INFO: [Train][Epoch 80/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85417, CELoss: 0.46495, loss: 0.46495, batch\_cost: 0.34498s, reader\_cost: 0.25925, ips: 46.37974 samples/s, eta: 0:08:50

[2024/03/05 11:25:27] ppcls INFO: [Train][Epoch 80/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.84476, CELoss: 0.46298, loss: 0.46298, batch\_cost: 0.34566s, reader\_cost: 0.26048, ips: 46.28887 samples/s, eta: 0:08:48

[2024/03/05 11:25:30] ppcls INFO: [Train][Epoch 80/120][Avg]top1: 0.84539, CELoss: 0.45293, loss: 0.45293

[2024/03/05 11:25:30] ppcls INFO: [Eval][Epoch 80][Iter: 0/10]CELoss: 0.20567, loss: 0.20567, top1: 1.00000, batch\_cost: 0.32292s, reader\_cost: 0.29302, ips: 49.54783 images/sec

[2024/03/05 11:25:33] ppcls INFO: [Eval][Epoch 80][Avg]CELoss: 0.28023, loss: 0.28023, top1: 0.93056

[2024/03/05 11:25:33] ppcls INFO: [Eval][Epoch 80][best metric: 0.944444477558136]

[2024/03/05 11:25:34] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_80

[2024/03/05 11:25:34] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:25:35] ppcls INFO: [Train][Epoch 81/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.35851, loss: 0.35851, batch\_cost: 0.34590s, reader\_cost: 0.25737, ips: 46.25621 samples/s, eta: 0:08:45

[2024/03/05 11:25:38] ppcls INFO: [Train][Epoch 81/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.89205, CELoss: 0.35247, loss: 0.35247, batch\_cost: 0.33741s, reader\_cost: 0.25509, ips: 47.42073 samples/s, eta: 0:08:29

[2024/03/05 11:25:42] ppcls INFO: [Train][Epoch 81/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86607, CELoss: 0.37163, loss: 0.37163, batch\_cost: 0.34395s, reader\_cost: 0.26000, ips: 46.51860 samples/s, eta: 0:08:35

[2024/03/05 11:25:45] ppcls INFO: [Train][Epoch 81/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85484, CELoss: 0.40962, loss: 0.40962, batch\_cost: 0.35302s, reader\_cost: 0.26861, ips: 45.32323 samples/s, eta: 0:08:45

[2024/03/05 11:25:48] ppcls INFO: [Train][Epoch 81/120][Avg]top1: 0.84704, CELoss: 0.43281, loss: 0.43281

[2024/03/05 11:25:48] ppcls INFO: [Eval][Epoch 81][Iter: 0/10]CELoss: 0.19028, loss: 0.19028, top1: 1.00000, batch\_cost: 0.32175s, reader\_cost: 0.29086, ips: 49.72747 images/sec

[2024/03/05 11:25:52] ppcls INFO: [Eval][Epoch 81][Avg]CELoss: 0.27914, loss: 0.27914, top1: 0.93056

[2024/03/05 11:25:52] ppcls INFO: [Eval][Epoch 81][best metric: 0.944444477558136]

[2024/03/05 11:25:52] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_81

[2024/03/05 11:25:52] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:25:53] ppcls INFO: [Train][Epoch 82/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.81250, CELoss: 0.43891, loss: 0.43891, batch\_cost: 0.34984s, reader\_cost: 0.26167, ips: 45.73574 samples/s, eta: 0:08:38

[2024/03/05 11:25:56] ppcls INFO: [Train][Epoch 82/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.81250, CELoss: 0.47709, loss: 0.47709, batch\_cost: 0.39648s, reader\_cost: 0.32605, ips: 40.35515 samples/s, eta: 0:09:43

[2024/03/05 11:25:59] ppcls INFO: [Train][Epoch 82/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.83333, CELoss: 0.44611, loss: 0.44611, batch\_cost: 0.35429s, reader\_cost: 0.27375, ips: 45.16028 samples/s, eta: 0:08:37

[2024/03/05 11:26:03] ppcls INFO: [Train][Epoch 82/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.83669, CELoss: 0.45097, loss: 0.45097, batch\_cost: 0.37135s, reader\_cost: 0.28688, ips: 43.08575 samples/s, eta: 0:08:59

[2024/03/05 11:26:06] ppcls INFO: [Train][Epoch 82/120][Avg]top1: 0.84539, CELoss: 0.43980, loss: 0.43980

[2024/03/05 11:26:06] ppcls INFO: [Eval][Epoch 82][Iter: 0/10]CELoss: 0.18146, loss: 0.18146, top1: 1.00000, batch\_cost: 0.32243s, reader\_cost: 0.29253, ips: 49.62337 images/sec

[2024/03/05 11:26:10] ppcls INFO: [Eval][Epoch 82][Avg]CELoss: 0.27843, loss: 0.27843, top1: 0.93056

[2024/03/05 11:26:10] ppcls INFO: [Eval][Epoch 82][best metric: 0.944444477558136]

[2024/03/05 11:26:10] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_82

[2024/03/05 11:26:10] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:26:11] ppcls INFO: [Train][Epoch 83/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.68750, CELoss: 0.58692, loss: 0.58692, batch\_cost: 0.36971s, reader\_cost: 0.27826, ips: 43.27703 samples/s, eta: 0:08:53

[2024/03/05 11:26:14] ppcls INFO: [Train][Epoch 83/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.82386, CELoss: 0.44144, loss: 0.44144, batch\_cost: 0.32390s, reader\_cost: 0.25498, ips: 49.39760 samples/s, eta: 0:07:44

[2024/03/05 11:26:17] ppcls INFO: [Train][Epoch 83/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.84226, CELoss: 0.42529, loss: 0.42529, batch\_cost: 0.32680s, reader\_cost: 0.24645, ips: 48.95990 samples/s, eta: 0:07:45

[2024/03/05 11:26:22] ppcls INFO: [Train][Epoch 83/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.83468, CELoss: 0.44440, loss: 0.44440, batch\_cost: 0.36854s, reader\_cost: 0.28517, ips: 43.41416 samples/s, eta: 0:08:41

[2024/03/05 11:26:24] ppcls INFO: [Train][Epoch 83/120][Avg]top1: 0.83882, CELoss: 0.43968, loss: 0.43968

[2024/03/05 11:26:24] ppcls INFO: [Eval][Epoch 83][Iter: 0/10]CELoss: 0.20603, loss: 0.20603, top1: 1.00000, batch\_cost: 0.31594s, reader\_cost: 0.28505, ips: 50.64197 images/sec

[2024/03/05 11:26:28] ppcls INFO: [Eval][Epoch 83][Avg]CELoss: 0.28621, loss: 0.28621, top1: 0.93750

[2024/03/05 11:26:28] ppcls INFO: [Eval][Epoch 83][best metric: 0.944444477558136]

[2024/03/05 11:26:28] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_83

[2024/03/05 11:26:29] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:26:29] ppcls INFO: [Train][Epoch 84/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.33896, loss: 0.33896, batch\_cost: 0.36798s, reader\_cost: 0.27789, ips: 43.48075 samples/s, eta: 0:08:37

[2024/03/05 11:26:33] ppcls INFO: [Train][Epoch 84/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86932, CELoss: 0.35111, loss: 0.35111, batch\_cost: 0.35287s, reader\_cost: 0.27886, ips: 45.34200 samples/s, eta: 0:08:12

[2024/03/05 11:26:36] ppcls INFO: [Train][Epoch 84/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.37753, loss: 0.37753, batch\_cost: 0.35694s, reader\_cost: 0.27468, ips: 44.82550 samples/s, eta: 0:08:14

[2024/03/05 11:26:40] ppcls INFO: [Train][Epoch 84/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87298, CELoss: 0.37345, loss: 0.37345, batch\_cost: 0.35536s, reader\_cost: 0.27135, ips: 45.02478 samples/s, eta: 0:08:08

[2024/03/05 11:26:42] ppcls INFO: [Train][Epoch 84/120][Avg]top1: 0.86513, CELoss: 0.39725, loss: 0.39725

[2024/03/05 11:26:42] ppcls INFO: [Eval][Epoch 84][Iter: 0/10]CELoss: 0.18703, loss: 0.18703, top1: 1.00000, batch\_cost: 0.31096s, reader\_cost: 0.28206, ips: 51.45355 images/sec

[2024/03/05 11:26:46] ppcls INFO: [Eval][Epoch 84][Avg]CELoss: 0.27093, loss: 0.27093, top1: 0.94444

[2024/03/05 11:26:46] ppcls INFO: [Eval][Epoch 84][best metric: 0.944444477558136]

[2024/03/05 11:26:46] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_84

[2024/03/05 11:26:47] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:26:47] ppcls INFO: [Train][Epoch 85/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.81250, CELoss: 0.61661, loss: 0.61661, batch\_cost: 0.36256s, reader\_cost: 0.27359, ips: 44.13008 samples/s, eta: 0:08:15

[2024/03/05 11:26:51] ppcls INFO: [Train][Epoch 85/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.82955, CELoss: 0.51682, loss: 0.51682, batch\_cost: 0.40476s, reader\_cost: 0.32187, ips: 39.52987 samples/s, eta: 0:09:09

[2024/03/05 11:26:55] ppcls INFO: [Train][Epoch 85/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85119, CELoss: 0.48198, loss: 0.48198, batch\_cost: 0.36052s, reader\_cost: 0.27565, ips: 44.38035 samples/s, eta: 0:08:05

[2024/03/05 11:26:58] ppcls INFO: [Train][Epoch 85/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85887, CELoss: 0.45842, loss: 0.45842, batch\_cost: 0.34468s, reader\_cost: 0.25969, ips: 46.41969 samples/s, eta: 0:07:41

[2024/03/05 11:27:01] ppcls INFO: [Train][Epoch 85/120][Avg]top1: 0.85691, CELoss: 0.44696, loss: 0.44696

[2024/03/05 11:27:01] ppcls INFO: [Eval][Epoch 85][Iter: 0/10]CELoss: 0.20797, loss: 0.20797, top1: 1.00000, batch\_cost: 0.32781s, reader\_cost: 0.29591, ips: 48.80840 images/sec

[2024/03/05 11:27:05] ppcls INFO: [Eval][Epoch 85][Avg]CELoss: 0.27742, loss: 0.27742, top1: 0.94444

[2024/03/05 11:27:05] ppcls INFO: [Eval][Epoch 85][best metric: 0.944444477558136]

[2024/03/05 11:27:05] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_85

[2024/03/05 11:27:05] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:27:06] ppcls INFO: [Train][Epoch 86/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.93750, CELoss: 0.24943, loss: 0.24943, batch\_cost: 0.36908s, reader\_cost: 0.27790, ips: 43.35134 samples/s, eta: 0:08:10

[2024/03/05 11:27:09] ppcls INFO: [Train][Epoch 86/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.42969, loss: 0.42969, batch\_cost: 0.32374s, reader\_cost: 0.24816, ips: 49.42208 samples/s, eta: 0:07:07

[2024/03/05 11:27:13] ppcls INFO: [Train][Epoch 86/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.84226, CELoss: 0.45875, loss: 0.45875, batch\_cost: 0.33388s, reader\_cost: 0.25203, ips: 47.92145 samples/s, eta: 0:07:17

[2024/03/05 11:27:16] ppcls INFO: [Train][Epoch 86/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.83065, CELoss: 0.49099, loss: 0.49099, batch\_cost: 0.35096s, reader\_cost: 0.26545, ips: 45.58879 samples/s, eta: 0:07:36

[2024/03/05 11:27:19] ppcls INFO: [Train][Epoch 86/120][Avg]top1: 0.83388, CELoss: 0.47546, loss: 0.47546

[2024/03/05 11:27:19] ppcls INFO: [Eval][Epoch 86][Iter: 0/10]CELoss: 0.20627, loss: 0.20627, top1: 1.00000, batch\_cost: 0.34232s, reader\_cost: 0.31142, ips: 46.74003 images/sec

[2024/03/05 11:27:23] ppcls INFO: [Eval][Epoch 86][Avg]CELoss: 0.29240, loss: 0.29240, top1: 0.92361

[2024/03/05 11:27:23] ppcls INFO: [Eval][Epoch 86][best metric: 0.944444477558136]

[2024/03/05 11:27:23] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_86

[2024/03/05 11:27:23] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:27:24] ppcls INFO: [Train][Epoch 87/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.32167, loss: 0.32167, batch\_cost: 0.35420s, reader\_cost: 0.26248, ips: 45.17245 samples/s, eta: 0:07:37

[2024/03/05 11:27:27] ppcls INFO: [Train][Epoch 87/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86364, CELoss: 0.39067, loss: 0.39067, batch\_cost: 0.35007s, reader\_cost: 0.28121, ips: 45.70518 samples/s, eta: 0:07:28

[2024/03/05 11:27:31] ppcls INFO: [Train][Epoch 87/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85119, CELoss: 0.39355, loss: 0.39355, batch\_cost: 0.37419s, reader\_cost: 0.29449, ips: 42.75892 samples/s, eta: 0:07:55

[2024/03/05 11:27:34] ppcls INFO: [Train][Epoch 87/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85484, CELoss: 0.39472, loss: 0.39472, batch\_cost: 0.36990s, reader\_cost: 0.28612, ips: 43.25526 samples/s, eta: 0:07:46

[2024/03/05 11:27:37] ppcls INFO: [Train][Epoch 87/120][Avg]top1: 0.84375, CELoss: 0.41835, loss: 0.41835

[2024/03/05 11:27:37] ppcls INFO: [Eval][Epoch 87][Iter: 0/10]CELoss: 0.18365, loss: 0.18365, top1: 1.00000, batch\_cost: 0.32292s, reader\_cost: 0.29202, ips: 49.54790 images/sec

[2024/03/05 11:27:41] ppcls INFO: [Eval][Epoch 87][Avg]CELoss: 0.27172, loss: 0.27172, top1: 0.94444

[2024/03/05 11:27:41] ppcls INFO: [Eval][Epoch 87][best metric: 0.944444477558136]

[2024/03/05 11:27:41] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_87

[2024/03/05 11:27:41] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:27:42] ppcls INFO: [Train][Epoch 88/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.75000, CELoss: 0.72837, loss: 0.72837, batch\_cost: 0.36981s, reader\_cost: 0.27837, ips: 43.26547 samples/s, eta: 0:07:43

[2024/03/05 11:27:45] ppcls INFO: [Train][Epoch 88/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86364, CELoss: 0.44162, loss: 0.44162, batch\_cost: 0.37504s, reader\_cost: 0.30677, ips: 42.66234 samples/s, eta: 0:07:46

[2024/03/05 11:27:49] ppcls INFO: [Train][Epoch 88/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86012, CELoss: 0.43069, loss: 0.43069, batch\_cost: 0.34069s, reader\_cost: 0.26181, ips: 46.96405 samples/s, eta: 0:07:00

[2024/03/05 11:27:52] ppcls INFO: [Train][Epoch 88/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86492, CELoss: 0.42085, loss: 0.42085, batch\_cost: 0.35642s, reader\_cost: 0.27388, ips: 44.89110 samples/s, eta: 0:07:16

[2024/03/05 11:27:55] ppcls INFO: [Train][Epoch 88/120][Avg]top1: 0.86678, CELoss: 0.40100, loss: 0.40100

[2024/03/05 11:27:55] ppcls INFO: [Eval][Epoch 88][Iter: 0/10]CELoss: 0.21527, loss: 0.21527, top1: 1.00000, batch\_cost: 0.30398s, reader\_cost: 0.27309, ips: 52.63428 images/sec

[2024/03/05 11:27:59] ppcls INFO: [Eval][Epoch 88][Avg]CELoss: 0.28118, loss: 0.28118, top1: 0.92361

[2024/03/05 11:27:59] ppcls INFO: [Eval][Epoch 88][best metric: 0.944444477558136]

[2024/03/05 11:27:59] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_88

[2024/03/05 11:27:59] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:28:00] ppcls INFO: [Train][Epoch 89/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.28599, loss: 0.28599, batch\_cost: 0.36495s, reader\_cost: 0.27768, ips: 43.84133 samples/s, eta: 0:07:23

[2024/03/05 11:28:03] ppcls INFO: [Train][Epoch 89/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.89773, CELoss: 0.34380, loss: 0.34380, batch\_cost: 0.32134s, reader\_cost: 0.24520, ips: 49.79084 samples/s, eta: 0:06:27

[2024/03/05 11:28:07] ppcls INFO: [Train][Epoch 89/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86905, CELoss: 0.37687, loss: 0.37687, batch\_cost: 0.34468s, reader\_cost: 0.26230, ips: 46.42022 samples/s, eta: 0:06:52

[2024/03/05 11:28:10] ppcls INFO: [Train][Epoch 89/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.88306, CELoss: 0.35198, loss: 0.35198, batch\_cost: 0.35090s, reader\_cost: 0.26691, ips: 45.59648 samples/s, eta: 0:06:56

[2024/03/05 11:28:13] ppcls INFO: [Train][Epoch 89/120][Avg]top1: 0.87500, CELoss: 0.38455, loss: 0.38455

[2024/03/05 11:28:13] ppcls INFO: [Eval][Epoch 89][Iter: 0/10]CELoss: 0.18924, loss: 0.18924, top1: 1.00000, batch\_cost: 0.30316s, reader\_cost: 0.27375, ips: 52.77825 images/sec

[2024/03/05 11:28:17] ppcls INFO: [Eval][Epoch 89][Avg]CELoss: 0.26988, loss: 0.26988, top1: 0.94444

[2024/03/05 11:28:17] ppcls INFO: [Eval][Epoch 89][best metric: 0.944444477558136]

[2024/03/05 11:28:17] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_89

[2024/03/05 11:28:18] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:28:18] ppcls INFO: [Train][Epoch 90/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.75000, CELoss: 0.60733, loss: 0.60733, batch\_cost: 0.36236s, reader\_cost: 0.27156, ips: 44.15557 samples/s, eta: 0:07:06

[2024/03/05 11:28:22] ppcls INFO: [Train][Epoch 90/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.82955, CELoss: 0.47653, loss: 0.47653, batch\_cost: 0.36356s, reader\_cost: 0.27942, ips: 44.00975 samples/s, eta: 0:07:04

[2024/03/05 11:28:25] ppcls INFO: [Train][Epoch 90/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.83929, CELoss: 0.44858, loss: 0.44858, batch\_cost: 0.34284s, reader\_cost: 0.25831, ips: 46.66836 samples/s, eta: 0:06:37

[2024/03/05 11:28:29] ppcls INFO: [Train][Epoch 90/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85081, CELoss: 0.42209, loss: 0.42209, batch\_cost: 0.36129s, reader\_cost: 0.27522, ips: 44.28601 samples/s, eta: 0:06:54

[2024/03/05 11:28:31] ppcls INFO: [Train][Epoch 90/120][Avg]top1: 0.84868, CELoss: 0.42734, loss: 0.42734

[2024/03/05 11:28:32] ppcls INFO: [Eval][Epoch 90][Iter: 0/10]CELoss: 0.20449, loss: 0.20449, top1: 1.00000, batch\_cost: 0.30862s, reader\_cost: 0.27872, ips: 51.84297 images/sec

[2024/03/05 11:28:35] ppcls INFO: [Eval][Epoch 90][Avg]CELoss: 0.27675, loss: 0.27675, top1: 0.94444

[2024/03/05 11:28:35] ppcls INFO: [Eval][Epoch 90][best metric: 0.944444477558136]

[2024/03/05 11:28:35] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_90

[2024/03/05 11:28:36] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:28:37] ppcls INFO: [Train][Epoch 91/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.53857, loss: 0.53857, batch\_cost: 0.36753s, reader\_cost: 0.27457, ips: 43.53347 samples/s, eta: 0:06:58

[2024/03/05 11:28:40] ppcls INFO: [Train][Epoch 91/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86364, CELoss: 0.46445, loss: 0.46445, batch\_cost: 0.39829s, reader\_cost: 0.31167, ips: 40.17139 samples/s, eta: 0:07:30

[2024/03/05 11:28:44] ppcls INFO: [Train][Epoch 91/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85714, CELoss: 0.44113, loss: 0.44113, batch\_cost: 0.35034s, reader\_cost: 0.26435, ips: 45.66956 samples/s, eta: 0:06:32

[2024/03/05 11:28:47] ppcls INFO: [Train][Epoch 91/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86492, CELoss: 0.44123, loss: 0.44123, batch\_cost: 0.34082s, reader\_cost: 0.25467, ips: 46.94506 samples/s, eta: 0:06:18

[2024/03/05 11:28:49] ppcls INFO: [Train][Epoch 91/120][Avg]top1: 0.86349, CELoss: 0.44704, loss: 0.44704

[2024/03/05 11:28:50] ppcls INFO: [Eval][Epoch 91][Iter: 0/10]CELoss: 0.19085, loss: 0.19085, top1: 1.00000, batch\_cost: 0.31065s, reader\_cost: 0.27975, ips: 51.50497 images/sec

[2024/03/05 11:28:53] ppcls INFO: [Eval][Epoch 91][Avg]CELoss: 0.27717, loss: 0.27717, top1: 0.94444

[2024/03/05 11:28:53] ppcls INFO: [Eval][Epoch 91][best metric: 0.944444477558136]

[2024/03/05 11:28:54] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_91

[2024/03/05 11:28:54] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:28:55] ppcls INFO: [Train][Epoch 92/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.87500, CELoss: 0.22260, loss: 0.22260, batch\_cost: 0.35453s, reader\_cost: 0.26188, ips: 45.13005 samples/s, eta: 0:06:30

[2024/03/05 11:28:58] ppcls INFO: [Train][Epoch 92/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.82955, CELoss: 0.46648, loss: 0.46648, batch\_cost: 0.37769s, reader\_cost: 0.30698, ips: 42.36267 samples/s, eta: 0:06:52

[2024/03/05 11:29:01] ppcls INFO: [Train][Epoch 92/120][Iter: 20/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85714, CELoss: 0.40302, loss: 0.40302, batch\_cost: 0.34999s, reader\_cost: 0.26949, ips: 45.71513 samples/s, eta: 0:06:18

[2024/03/05 11:29:05] ppcls INFO: [Train][Epoch 92/120][Iter: 30/38]lr(PiecewiseDecay): 0.00100000, top1: 0.85081, CELoss: 0.42720, loss: 0.42720, batch\_cost: 0.35286s, reader\_cost: 0.27066, ips: 45.34359 samples/s, eta: 0:06:18

[2024/03/05 11:29:07] ppcls INFO: [Train][Epoch 92/120][Avg]top1: 0.86184, CELoss: 0.42580, loss: 0.42580

[2024/03/05 11:29:08] ppcls INFO: [Eval][Epoch 92][Iter: 0/10]CELoss: 0.18029, loss: 0.18029, top1: 1.00000, batch\_cost: 0.31295s, reader\_cost: 0.28206, ips: 51.12597 images/sec

[2024/03/05 11:29:11] ppcls INFO: [Eval][Epoch 92][Avg]CELoss: 0.28426, loss: 0.28426, top1: 0.92361

[2024/03/05 11:29:11] ppcls INFO: [Eval][Epoch 92][best metric: 0.944444477558136]

[2024/03/05 11:29:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_92

[2024/03/05 11:29:12] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:29:13] ppcls INFO: [Train][Epoch 93/120][Iter: 0/38]lr(PiecewiseDecay): 0.00100000, top1: 0.81250, CELoss: 0.29096, loss: 0.29096, batch\_cost: 0.36361s, reader\_cost: 0.27618, ips: 44.00357 samples/s, eta: 0:06:26

[2024/03/05 11:29:16] ppcls INFO: [Train][Epoch 93/120][Iter: 10/38]lr(PiecewiseDecay): 0.00100000, top1: 0.86364, CELoss: 0.41023, loss: 0.41023, batch\_cost: 0.37031s, reader\_cost: 0.29280, ips: 43.20741 samples/s, eta: 0:06:30

[2024/03/05 11:29:20] ppcls INFO: [Train][Epoch 93/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.85119, CELoss: 0.42799, loss: 0.42799, batch\_cost: 0.38632s, reader\_cost: 0.30234, ips: 41.41619 samples/s, eta: 0:06:43

[2024/03/05 11:29:23] ppcls INFO: [Train][Epoch 93/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.85081, CELoss: 0.44271, loss: 0.44271, batch\_cost: 0.36074s, reader\_cost: 0.27643, ips: 44.35371 samples/s, eta: 0:06:13

[2024/03/05 11:29:26] ppcls INFO: [Train][Epoch 93/120][Avg]top1: 0.85362, CELoss: 0.44297, loss: 0.44297

[2024/03/05 11:29:26] ppcls INFO: [Eval][Epoch 93][Iter: 0/10]CELoss: 0.18300, loss: 0.18300, top1: 1.00000, batch\_cost: 0.32031s, reader\_cost: 0.28643, ips: 49.95085 images/sec

[2024/03/05 11:29:29] ppcls INFO: [Eval][Epoch 93][Avg]CELoss: 0.27570, loss: 0.27570, top1: 0.94444

[2024/03/05 11:29:29] ppcls INFO: [Eval][Epoch 93][best metric: 0.944444477558136]

[2024/03/05 11:29:30] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_93

[2024/03/05 11:29:30] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:29:31] ppcls INFO: [Train][Epoch 94/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.87500, CELoss: 0.24732, loss: 0.24732, batch\_cost: 0.35871s, reader\_cost: 0.26947, ips: 44.60407 samples/s, eta: 0:06:08

[2024/03/05 11:29:34] ppcls INFO: [Train][Epoch 94/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.82955, CELoss: 0.52867, loss: 0.52867, batch\_cost: 0.35249s, reader\_cost: 0.28131, ips: 45.39136 samples/s, eta: 0:05:58

[2024/03/05 11:29:37] ppcls INFO: [Train][Epoch 94/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.82143, CELoss: 0.52338, loss: 0.52338, batch\_cost: 0.35721s, reader\_cost: 0.27701, ips: 44.79147 samples/s, eta: 0:05:59

[2024/03/05 11:29:41] ppcls INFO: [Train][Epoch 94/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.83871, CELoss: 0.46939, loss: 0.46939, batch\_cost: 0.36394s, reader\_cost: 0.28128, ips: 43.96374 samples/s, eta: 0:06:02

[2024/03/05 11:29:44] ppcls INFO: [Train][Epoch 94/120][Avg]top1: 0.83717, CELoss: 0.46790, loss: 0.46790

[2024/03/05 11:29:44] ppcls INFO: [Eval][Epoch 94][Iter: 0/10]CELoss: 0.19031, loss: 0.19031, top1: 1.00000, batch\_cost: 0.31694s, reader\_cost: 0.28405, ips: 50.48341 images/sec

[2024/03/05 11:29:47] ppcls INFO: [Eval][Epoch 94][Avg]CELoss: 0.27098, loss: 0.27098, top1: 0.94444

[2024/03/05 11:29:47] ppcls INFO: [Eval][Epoch 94][best metric: 0.944444477558136]

[2024/03/05 11:29:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_94

[2024/03/05 11:29:48] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:29:49] ppcls INFO: [Train][Epoch 95/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 1.00000, CELoss: 0.21150, loss: 0.21150, batch\_cost: 0.36765s, reader\_cost: 0.27709, ips: 43.51923 samples/s, eta: 0:06:03

[2024/03/05 11:29:52] ppcls INFO: [Train][Epoch 95/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.86364, CELoss: 0.33865, loss: 0.33865, batch\_cost: 0.35003s, reader\_cost: 0.27775, ips: 45.71061 samples/s, eta: 0:05:42

[2024/03/05 11:29:55] ppcls INFO: [Train][Epoch 95/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.83333, CELoss: 0.40670, loss: 0.40670, batch\_cost: 0.34560s, reader\_cost: 0.26322, ips: 46.29683 samples/s, eta: 0:05:34

[2024/03/05 11:29:59] ppcls INFO: [Train][Epoch 95/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84879, CELoss: 0.39798, loss: 0.39798, batch\_cost: 0.34108s, reader\_cost: 0.25772, ips: 46.90927 samples/s, eta: 0:05:26

[2024/03/05 11:30:02] ppcls INFO: [Train][Epoch 95/120][Avg]top1: 0.85033, CELoss: 0.39948, loss: 0.39948

[2024/03/05 11:30:02] ppcls INFO: [Eval][Epoch 95][Iter: 0/10]CELoss: 0.17603, loss: 0.17603, top1: 1.00000, batch\_cost: 0.32890s, reader\_cost: 0.29900, ips: 48.64699 images/sec

[2024/03/05 11:30:06] ppcls INFO: [Eval][Epoch 95][Avg]CELoss: 0.28141, loss: 0.28141, top1: 0.93750

[2024/03/05 11:30:06] ppcls INFO: [Eval][Epoch 95][best metric: 0.944444477558136]

[2024/03/05 11:30:06] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_95

[2024/03/05 11:30:06] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:30:07] ppcls INFO: [Train][Epoch 96/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.75000, CELoss: 0.63169, loss: 0.63169, batch\_cost: 0.36108s, reader\_cost: 0.27013, ips: 44.31184 samples/s, eta: 0:05:43

[2024/03/05 11:30:10] ppcls INFO: [Train][Epoch 96/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.80682, CELoss: 0.49436, loss: 0.49436, batch\_cost: 0.34703s, reader\_cost: 0.27095, ips: 46.10603 samples/s, eta: 0:05:26

[2024/03/05 11:30:13] ppcls INFO: [Train][Epoch 96/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84821, CELoss: 0.44497, loss: 0.44497, batch\_cost: 0.33507s, reader\_cost: 0.25328, ips: 47.75101 samples/s, eta: 0:05:11

[2024/03/05 11:30:17] ppcls INFO: [Train][Epoch 96/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84476, CELoss: 0.45000, loss: 0.45000, batch\_cost: 0.35427s, reader\_cost: 0.27085, ips: 45.16385 samples/s, eta: 0:05:25

[2024/03/05 11:30:20] ppcls INFO: [Train][Epoch 96/120][Avg]top1: 0.84211, CELoss: 0.44983, loss: 0.44983

[2024/03/05 11:30:20] ppcls INFO: [Eval][Epoch 96][Iter: 0/10]CELoss: 0.22329, loss: 0.22329, top1: 1.00000, batch\_cost: 0.34908s, reader\_cost: 0.31120, ips: 45.83526 images/sec

[2024/03/05 11:30:24] ppcls INFO: [Eval][Epoch 96][Avg]CELoss: 0.29119, loss: 0.29119, top1: 0.93750

[2024/03/05 11:30:24] ppcls INFO: [Eval][Epoch 96][best metric: 0.944444477558136]

[2024/03/05 11:30:24] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_96

[2024/03/05 11:30:24] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:30:25] ppcls INFO: [Train][Epoch 97/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 1.00000, CELoss: 0.14607, loss: 0.14607, batch\_cost: 0.36160s, reader\_cost: 0.27042, ips: 44.24722 samples/s, eta: 0:05:29

[2024/03/05 11:30:28] ppcls INFO: [Train][Epoch 97/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.82386, CELoss: 0.50868, loss: 0.50868, batch\_cost: 0.37873s, reader\_cost: 0.30282, ips: 42.24625 samples/s, eta: 0:05:41

[2024/03/05 11:30:32] ppcls INFO: [Train][Epoch 97/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84821, CELoss: 0.46009, loss: 0.46009, batch\_cost: 0.34928s, reader\_cost: 0.26724, ips: 45.80817 samples/s, eta: 0:05:11

[2024/03/05 11:30:35] ppcls INFO: [Train][Epoch 97/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84677, CELoss: 0.45967, loss: 0.45967, batch\_cost: 0.34958s, reader\_cost: 0.26512, ips: 45.76863 samples/s, eta: 0:05:08

[2024/03/05 11:30:38] ppcls INFO: [Train][Epoch 97/120][Avg]top1: 0.85362, CELoss: 0.44428, loss: 0.44428

[2024/03/05 11:30:38] ppcls INFO: [Eval][Epoch 97][Iter: 0/10]CELoss: 0.20131, loss: 0.20131, top1: 1.00000, batch\_cost: 0.31315s, reader\_cost: 0.28225, ips: 51.09381 images/sec

[2024/03/05 11:30:42] ppcls INFO: [Eval][Epoch 97][Avg]CELoss: 0.28418, loss: 0.28418, top1: 0.94444

[2024/03/05 11:30:42] ppcls INFO: [Eval][Epoch 97][best metric: 0.944444477558136]

[2024/03/05 11:30:42] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_97

[2024/03/05 11:30:42] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:30:43] ppcls INFO: [Train][Epoch 98/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.87500, CELoss: 0.36004, loss: 0.36004, batch\_cost: 0.36373s, reader\_cost: 0.27163, ips: 43.98862 samples/s, eta: 0:05:17

[2024/03/05 11:30:46] ppcls INFO: [Train][Epoch 98/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84659, CELoss: 0.49468, loss: 0.49468, batch\_cost: 0.34263s, reader\_cost: 0.27472, ips: 46.69773 samples/s, eta: 0:04:56

[2024/03/05 11:30:49] ppcls INFO: [Train][Epoch 98/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84524, CELoss: 0.46897, loss: 0.46897, batch\_cost: 0.32507s, reader\_cost: 0.24734, ips: 49.21968 samples/s, eta: 0:04:37

[2024/03/05 11:30:54] ppcls INFO: [Train][Epoch 98/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.87097, CELoss: 0.40812, loss: 0.40812, batch\_cost: 0.36076s, reader\_cost: 0.27999, ips: 44.35128 samples/s, eta: 0:05:04

[2024/03/05 11:30:56] ppcls INFO: [Train][Epoch 98/120][Avg]top1: 0.86513, CELoss: 0.42349, loss: 0.42349

[2024/03/05 11:30:56] ppcls INFO: [Eval][Epoch 98][Iter: 0/10]CELoss: 0.18861, loss: 0.18861, top1: 1.00000, batch\_cost: 0.31129s, reader\_cost: 0.27940, ips: 51.39838 images/sec

[2024/03/05 11:31:00] ppcls INFO: [Eval][Epoch 98][Avg]CELoss: 0.28040, loss: 0.28040, top1: 0.94444

[2024/03/05 11:31:00] ppcls INFO: [Eval][Epoch 98][best metric: 0.944444477558136]

[2024/03/05 11:31:00] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_98

[2024/03/05 11:31:01] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:31:01] ppcls INFO: [Train][Epoch 99/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.75000, CELoss: 0.88274, loss: 0.88274, batch\_cost: 0.36376s, reader\_cost: 0.27713, ips: 43.98528 samples/s, eta: 0:05:04

[2024/03/05 11:31:04] ppcls INFO: [Train][Epoch 99/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84659, CELoss: 0.42845, loss: 0.42845, batch\_cost: 0.34866s, reader\_cost: 0.27490, ips: 45.89037 samples/s, eta: 0:04:47

[2024/03/05 11:31:08] ppcls INFO: [Train][Epoch 99/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84226, CELoss: 0.42991, loss: 0.42991, batch\_cost: 0.35113s, reader\_cost: 0.27016, ips: 45.56770 samples/s, eta: 0:04:46

[2024/03/05 11:31:12] ppcls INFO: [Train][Epoch 99/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.85685, CELoss: 0.43554, loss: 0.43554, batch\_cost: 0.35545s, reader\_cost: 0.27246, ips: 45.01345 samples/s, eta: 0:04:46

[2024/03/05 11:31:14] ppcls INFO: [Train][Epoch 99/120][Avg]top1: 0.85197, CELoss: 0.44192, loss: 0.44192

[2024/03/05 11:31:14] ppcls INFO: [Eval][Epoch 99][Iter: 0/10]CELoss: 0.20924, loss: 0.20924, top1: 1.00000, batch\_cost: 0.31701s, reader\_cost: 0.28711, ips: 50.47176 images/sec

[2024/03/05 11:31:18] ppcls INFO: [Eval][Epoch 99][Avg]CELoss: 0.28929, loss: 0.28929, top1: 0.93750

[2024/03/05 11:31:18] ppcls INFO: [Eval][Epoch 99][best metric: 0.944444477558136]

[2024/03/05 11:31:18] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_99

[2024/03/05 11:31:19] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:31:19] ppcls INFO: [Train][Epoch 100/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.93750, CELoss: 0.26372, loss: 0.26372, batch\_cost: 0.36198s, reader\_cost: 0.27229, ips: 44.20151 samples/s, eta: 0:04:48

[2024/03/05 11:31:23] ppcls INFO: [Train][Epoch 100/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84091, CELoss: 0.46268, loss: 0.46268, batch\_cost: 0.38805s, reader\_cost: 0.31546, ips: 41.23217 samples/s, eta: 0:05:05

[2024/03/05 11:31:26] ppcls INFO: [Train][Epoch 100/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.83929, CELoss: 0.46408, loss: 0.46408, batch\_cost: 0.36878s, reader\_cost: 0.28758, ips: 43.38667 samples/s, eta: 0:04:46

[2024/03/05 11:31:30] ppcls INFO: [Train][Epoch 100/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.82258, CELoss: 0.50041, loss: 0.50041, batch\_cost: 0.35490s, reader\_cost: 0.27223, ips: 45.08256 samples/s, eta: 0:04:32

[2024/03/05 11:31:32] ppcls INFO: [Train][Epoch 100/120][Avg]top1: 0.83882, CELoss: 0.45702, loss: 0.45702

[2024/03/05 11:31:33] ppcls INFO: [Eval][Epoch 100][Iter: 0/10]CELoss: 0.17799, loss: 0.17799, top1: 1.00000, batch\_cost: 0.31774s, reader\_cost: 0.28685, ips: 50.35492 images/sec

[2024/03/05 11:31:36] ppcls INFO: [Eval][Epoch 100][Avg]CELoss: 0.27510, loss: 0.27510, top1: 0.94444

[2024/03/05 11:31:36] ppcls INFO: [Eval][Epoch 100][best metric: 0.944444477558136]

[2024/03/05 11:31:36] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_100

[2024/03/05 11:31:37] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:31:37] ppcls INFO: [Train][Epoch 101/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.81250, CELoss: 0.58345, loss: 0.58345, batch\_cost: 0.36782s, reader\_cost: 0.27872, ips: 43.50004 samples/s, eta: 0:04:39

[2024/03/05 11:31:41] ppcls INFO: [Train][Epoch 101/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.89205, CELoss: 0.40026, loss: 0.40026, batch\_cost: 0.35718s, reader\_cost: 0.28160, ips: 44.79574 samples/s, eta: 0:04:27

[2024/03/05 11:31:44] ppcls INFO: [Train][Epoch 101/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.86905, CELoss: 0.43132, loss: 0.43132, batch\_cost: 0.34828s, reader\_cost: 0.26599, ips: 45.94023 samples/s, eta: 0:04:17

[2024/03/05 11:31:48] ppcls INFO: [Train][Epoch 101/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.87097, CELoss: 0.41970, loss: 0.41970, batch\_cost: 0.34890s, reader\_cost: 0.26541, ips: 45.85830 samples/s, eta: 0:04:14

[2024/03/05 11:31:50] ppcls INFO: [Train][Epoch 101/120][Avg]top1: 0.87829, CELoss: 0.41386, loss: 0.41386

[2024/03/05 11:31:51] ppcls INFO: [Eval][Epoch 101][Iter: 0/10]CELoss: 0.19896, loss: 0.19896, top1: 1.00000, batch\_cost: 0.31395s, reader\_cost: 0.28405, ips: 50.96356 images/sec

[2024/03/05 11:31:54] ppcls INFO: [Eval][Epoch 101][Avg]CELoss: 0.27369, loss: 0.27369, top1: 0.94444

[2024/03/05 11:31:54] ppcls INFO: [Eval][Epoch 101][best metric: 0.944444477558136]

[2024/03/05 11:31:55] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_101

[2024/03/05 11:31:55] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:31:56] ppcls INFO: [Train][Epoch 102/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 1.00000, CELoss: 0.21227, loss: 0.21227, batch\_cost: 0.36434s, reader\_cost: 0.27212, ips: 43.91481 samples/s, eta: 0:04:23

[2024/03/05 11:31:59] ppcls INFO: [Train][Epoch 102/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.92045, CELoss: 0.27431, loss: 0.27431, batch\_cost: 0.37955s, reader\_cost: 0.31028, ips: 42.15490 samples/s, eta: 0:04:30

[2024/03/05 11:32:03] ppcls INFO: [Train][Epoch 102/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.90179, CELoss: 0.30947, loss: 0.30947, batch\_cost: 0.37436s, reader\_cost: 0.29365, ips: 42.74008 samples/s, eta: 0:04:22

[2024/03/05 11:32:06] ppcls INFO: [Train][Epoch 102/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.88508, CELoss: 0.32733, loss: 0.32733, batch\_cost: 0.36291s, reader\_cost: 0.28055, ips: 44.08764 samples/s, eta: 0:04:11

[2024/03/05 11:32:08] ppcls INFO: [Train][Epoch 102/120][Avg]top1: 0.87336, CELoss: 0.36531, loss: 0.36531

[2024/03/05 11:32:09] ppcls INFO: [Eval][Epoch 102][Iter: 0/10]CELoss: 0.19064, loss: 0.19064, top1: 1.00000, batch\_cost: 0.30044s, reader\_cost: 0.27004, ips: 53.25504 images/sec

[2024/03/05 11:32:12] ppcls INFO: [Eval][Epoch 102][Avg]CELoss: 0.28446, loss: 0.28446, top1: 0.94444

[2024/03/05 11:32:12] ppcls INFO: [Eval][Epoch 102][best metric: 0.944444477558136]

[2024/03/05 11:32:13] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_102

[2024/03/05 11:32:13] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:32:14] ppcls INFO: [Train][Epoch 103/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.87500, CELoss: 0.40148, loss: 0.40148, batch\_cost: 0.37080s, reader\_cost: 0.28020, ips: 43.15044 samples/s, eta: 0:04:13

[2024/03/05 11:32:17] ppcls INFO: [Train][Epoch 103/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.88068, CELoss: 0.35039, loss: 0.35039, batch\_cost: 0.38511s, reader\_cost: 0.31631, ips: 41.54644 samples/s, eta: 0:04:19

[2024/03/05 11:32:20] ppcls INFO: [Train][Epoch 103/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.85714, CELoss: 0.41208, loss: 0.41208, batch\_cost: 0.35647s, reader\_cost: 0.27733, ips: 44.88518 samples/s, eta: 0:03:56

[2024/03/05 11:32:24] ppcls INFO: [Train][Epoch 103/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84073, CELoss: 0.45585, loss: 0.45585, batch\_cost: 0.36853s, reader\_cost: 0.28652, ips: 43.41599 samples/s, eta: 0:04:01

[2024/03/05 11:32:27] ppcls INFO: [Train][Epoch 103/120][Avg]top1: 0.84868, CELoss: 0.44488, loss: 0.44488

[2024/03/05 11:32:27] ppcls INFO: [Eval][Epoch 103][Iter: 0/10]CELoss: 0.19663, loss: 0.19663, top1: 1.00000, batch\_cost: 0.32790s, reader\_cost: 0.29800, ips: 48.79488 images/sec

[2024/03/05 11:32:31] ppcls INFO: [Eval][Epoch 103][Avg]CELoss: 0.27595, loss: 0.27595, top1: 0.94444

[2024/03/05 11:32:31] ppcls INFO: [Eval][Epoch 103][best metric: 0.944444477558136]

[2024/03/05 11:32:31] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_103

[2024/03/05 11:32:31] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:32:32] ppcls INFO: [Train][Epoch 104/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.93750, CELoss: 0.18132, loss: 0.18132, batch\_cost: 0.37059s, reader\_cost: 0.28091, ips: 43.17404 samples/s, eta: 0:03:59

[2024/03/05 11:32:36] ppcls INFO: [Train][Epoch 104/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.90341, CELoss: 0.33247, loss: 0.33247, batch\_cost: 0.37072s, reader\_cost: 0.29319, ips: 43.15889 samples/s, eta: 0:03:55

[2024/03/05 11:32:39] ppcls INFO: [Train][Epoch 104/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.86012, CELoss: 0.45542, loss: 0.45542, batch\_cost: 0.34124s, reader\_cost: 0.25900, ips: 46.88794 samples/s, eta: 0:03:33

[2024/03/05 11:32:42] ppcls INFO: [Train][Epoch 104/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.86089, CELoss: 0.44829, loss: 0.44829, batch\_cost: 0.34859s, reader\_cost: 0.26518, ips: 45.89957 samples/s, eta: 0:03:34

[2024/03/05 11:32:45] ppcls INFO: [Train][Epoch 104/120][Avg]top1: 0.87007, CELoss: 0.41776, loss: 0.41776

[2024/03/05 11:32:45] ppcls INFO: [Eval][Epoch 104][Iter: 0/10]CELoss: 0.20122, loss: 0.20122, top1: 1.00000, batch\_cost: 0.32687s, reader\_cost: 0.29598, ips: 48.94849 images/sec

[2024/03/05 11:32:49] ppcls INFO: [Eval][Epoch 104][Avg]CELoss: 0.28041, loss: 0.28041, top1: 0.94444

[2024/03/05 11:32:49] ppcls INFO: [Eval][Epoch 104][best metric: 0.944444477558136]

[2024/03/05 11:32:49] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_104

[2024/03/05 11:32:49] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:32:50] ppcls INFO: [Train][Epoch 105/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.87500, CELoss: 0.32887, loss: 0.32887, batch\_cost: 0.35157s, reader\_cost: 0.25967, ips: 45.51071 samples/s, eta: 0:03:33

[2024/03/05 11:32:53] ppcls INFO: [Train][Epoch 105/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.85795, CELoss: 0.48479, loss: 0.48479, batch\_cost: 0.38429s, reader\_cost: 0.31287, ips: 41.63483 samples/s, eta: 0:03:49

[2024/03/05 11:32:57] ppcls INFO: [Train][Epoch 105/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.86310, CELoss: 0.44430, loss: 0.44430, batch\_cost: 0.37240s, reader\_cost: 0.29248, ips: 42.96450 samples/s, eta: 0:03:38

[2024/03/05 11:33:01] ppcls INFO: [Train][Epoch 105/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.86089, CELoss: 0.45030, loss: 0.45030, batch\_cost: 0.37800s, reader\_cost: 0.29497, ips: 42.32756 samples/s, eta: 0:03:38

[2024/03/05 11:33:03] ppcls INFO: [Train][Epoch 105/120][Avg]top1: 0.86020, CELoss: 0.45829, loss: 0.45829

[2024/03/05 11:33:03] ppcls INFO: [Eval][Epoch 105][Iter: 0/10]CELoss: 0.20008, loss: 0.20008, top1: 1.00000, batch\_cost: 0.31246s, reader\_cost: 0.28256, ips: 51.20668 images/sec

[2024/03/05 11:33:07] ppcls INFO: [Eval][Epoch 105][Avg]CELoss: 0.28506, loss: 0.28506, top1: 0.93750

[2024/03/05 11:33:07] ppcls INFO: [Eval][Epoch 105][best metric: 0.944444477558136]

[2024/03/05 11:33:07] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_105

[2024/03/05 11:33:07] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:33:08] ppcls INFO: [Train][Epoch 106/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.87500, CELoss: 0.40131, loss: 0.40131, batch\_cost: 0.37306s, reader\_cost: 0.28337, ips: 42.88873 samples/s, eta: 0:03:32

[2024/03/05 11:33:12] ppcls INFO: [Train][Epoch 106/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.85227, CELoss: 0.51719, loss: 0.51719, batch\_cost: 0.38056s, reader\_cost: 0.30939, ips: 42.04344 samples/s, eta: 0:03:33

[2024/03/05 11:33:15] ppcls INFO: [Train][Epoch 106/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.86012, CELoss: 0.47322, loss: 0.47322, batch\_cost: 0.34067s, reader\_cost: 0.26097, ips: 46.96680 samples/s, eta: 0:03:07

[2024/03/05 11:33:19] ppcls INFO: [Train][Epoch 106/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.85685, CELoss: 0.43913, loss: 0.43913, batch\_cost: 0.35679s, reader\_cost: 0.27465, ips: 44.84410 samples/s, eta: 0:03:12

[2024/03/05 11:33:21] ppcls INFO: [Train][Epoch 106/120][Avg]top1: 0.85526, CELoss: 0.44252, loss: 0.44252

[2024/03/05 11:33:21] ppcls INFO: [Eval][Epoch 106][Iter: 0/10]CELoss: 0.21617, loss: 0.21617, top1: 1.00000, batch\_cost: 0.30897s, reader\_cost: 0.27907, ips: 51.78565 images/sec

[2024/03/05 11:33:25] ppcls INFO: [Eval][Epoch 106][Avg]CELoss: 0.28452, loss: 0.28452, top1: 0.94444

[2024/03/05 11:33:25] ppcls INFO: [Eval][Epoch 106][best metric: 0.944444477558136]

[2024/03/05 11:33:25] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_106

[2024/03/05 11:33:26] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:33:26] ppcls INFO: [Train][Epoch 107/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.93750, CELoss: 0.25516, loss: 0.25516, batch\_cost: 0.36901s, reader\_cost: 0.28153, ips: 43.35875 samples/s, eta: 0:03:16

[2024/03/05 11:33:30] ppcls INFO: [Train][Epoch 107/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.85227, CELoss: 0.36113, loss: 0.36113, batch\_cost: 0.35139s, reader\_cost: 0.27718, ips: 45.53410 samples/s, eta: 0:03:03

[2024/03/05 11:33:33] ppcls INFO: [Train][Epoch 107/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.83036, CELoss: 0.41664, loss: 0.41664, batch\_cost: 0.33172s, reader\_cost: 0.25032, ips: 48.23337 samples/s, eta: 0:02:49

[2024/03/05 11:33:36] ppcls INFO: [Train][Epoch 107/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84677, CELoss: 0.41996, loss: 0.41996, batch\_cost: 0.33190s, reader\_cost: 0.24915, ips: 48.20730 samples/s, eta: 0:02:46

[2024/03/05 11:33:39] ppcls INFO: [Train][Epoch 107/120][Avg]top1: 0.85197, CELoss: 0.41438, loss: 0.41438

[2024/03/05 11:33:39] ppcls INFO: [Eval][Epoch 107][Iter: 0/10]CELoss: 0.16799, loss: 0.16799, top1: 1.00000, batch\_cost: 0.30500s, reader\_cost: 0.27510, ips: 52.45950 images/sec

[2024/03/05 11:33:43] ppcls INFO: [Eval][Epoch 107][Avg]CELoss: 0.26982, loss: 0.26982, top1: 0.94444

[2024/03/05 11:33:43] ppcls INFO: [Eval][Epoch 107][best metric: 0.944444477558136]

[2024/03/05 11:33:43] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_107

[2024/03/05 11:33:44] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:33:44] ppcls INFO: [Train][Epoch 108/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 1.00000, CELoss: 0.14683, loss: 0.14683, batch\_cost: 0.36101s, reader\_cost: 0.27018, ips: 44.31968 samples/s, eta: 0:02:58

[2024/03/05 11:33:47] ppcls INFO: [Train][Epoch 108/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.83523, CELoss: 0.41379, loss: 0.41379, batch\_cost: 0.33889s, reader\_cost: 0.27693, ips: 47.21299 samples/s, eta: 0:02:44

[2024/03/05 11:33:51] ppcls INFO: [Train][Epoch 108/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.83929, CELoss: 0.44705, loss: 0.44705, batch\_cost: 0.37912s, reader\_cost: 0.30194, ips: 42.20335 samples/s, eta: 0:02:59

[2024/03/05 11:33:55] ppcls INFO: [Train][Epoch 108/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.85081, CELoss: 0.44347, loss: 0.44347, batch\_cost: 0.36846s, reader\_cost: 0.28782, ips: 43.42345 samples/s, eta: 0:02:50

[2024/03/05 11:33:57] ppcls INFO: [Train][Epoch 108/120][Avg]top1: 0.84868, CELoss: 0.44907, loss: 0.44907

[2024/03/05 11:33:57] ppcls INFO: [Eval][Epoch 108][Iter: 0/10]CELoss: 0.17142, loss: 0.17142, top1: 1.00000, batch\_cost: 0.30273s, reader\_cost: 0.27284, ips: 52.85203 images/sec

[2024/03/05 11:34:01] ppcls INFO: [Eval][Epoch 108][Avg]CELoss: 0.27201, loss: 0.27201, top1: 0.94444

[2024/03/05 11:34:01] ppcls INFO: [Eval][Epoch 108][best metric: 0.944444477558136]

[2024/03/05 11:34:01] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_108

[2024/03/05 11:34:02] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:34:02] ppcls INFO: [Train][Epoch 109/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.93750, CELoss: 0.46212, loss: 0.46212, batch\_cost: 0.36792s, reader\_cost: 0.28072, ips: 43.48766 samples/s, eta: 0:02:47

[2024/03/05 11:34:06] ppcls INFO: [Train][Epoch 109/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.88068, CELoss: 0.36217, loss: 0.36217, batch\_cost: 0.32401s, reader\_cost: 0.24760, ips: 49.38054 samples/s, eta: 0:02:24

[2024/03/05 11:34:09] ppcls INFO: [Train][Epoch 109/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.88095, CELoss: 0.37712, loss: 0.37712, batch\_cost: 0.34970s, reader\_cost: 0.26733, ips: 45.75368 samples/s, eta: 0:02:32

[2024/03/05 11:34:13] ppcls INFO: [Train][Epoch 109/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.87298, CELoss: 0.38324, loss: 0.38324, batch\_cost: 0.34468s, reader\_cost: 0.26126, ips: 46.41945 samples/s, eta: 0:02:26

[2024/03/05 11:34:15] ppcls INFO: [Train][Epoch 109/120][Avg]top1: 0.87171, CELoss: 0.39159, loss: 0.39159

[2024/03/05 11:34:15] ppcls INFO: [Eval][Epoch 109][Iter: 0/10]CELoss: 0.20474, loss: 0.20474, top1: 1.00000, batch\_cost: 0.30117s, reader\_cost: 0.27027, ips: 53.12701 images/sec

[2024/03/05 11:34:19] ppcls INFO: [Eval][Epoch 109][Avg]CELoss: 0.28151, loss: 0.28151, top1: 0.94444

[2024/03/05 11:34:19] ppcls INFO: [Eval][Epoch 109][best metric: 0.944444477558136]

[2024/03/05 11:34:20] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:34:20] ppcls INFO: [Train][Epoch 110/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.81250, CELoss: 0.40819, loss: 0.40819, batch\_cost: 0.35259s, reader\_cost: 0.26409, ips: 45.37785 samples/s, eta: 0:02:27

[2024/03/05 11:34:24] ppcls INFO: [Train][Epoch 110/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.87500, CELoss: 0.36579, loss: 0.36579, batch\_cost: 0.38122s, reader\_cost: 0.30387, ips: 41.97097 samples/s, eta: 0:02:35

[2024/03/05 11:34:27] ppcls INFO: [Train][Epoch 110/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.87202, CELoss: 0.36339, loss: 0.36339, batch\_cost: 0.34042s, reader\_cost: 0.25763, ips: 47.00013 samples/s, eta: 0:02:15

[2024/03/05 11:34:31] ppcls INFO: [Train][Epoch 110/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.86895, CELoss: 0.35239, loss: 0.35239, batch\_cost: 0.34522s, reader\_cost: 0.26147, ips: 46.34786 samples/s, eta: 0:02:13

[2024/03/05 11:34:33] ppcls INFO: [Train][Epoch 110/120][Avg]top1: 0.86020, CELoss: 0.37661, loss: 0.37661

[2024/03/05 11:34:33] ppcls INFO: [Eval][Epoch 110][Iter: 0/10]CELoss: 0.17442, loss: 0.17442, top1: 1.00000, batch\_cost: 0.30398s, reader\_cost: 0.27408, ips: 52.63453 images/sec

[2024/03/05 11:34:37] ppcls INFO: [Eval][Epoch 110][Avg]CELoss: 0.27692, loss: 0.27692, top1: 0.94444

[2024/03/05 11:34:37] ppcls INFO: [Eval][Epoch 110][best metric: 0.944444477558136]

[2024/03/05 11:34:38] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:34:39] ppcls INFO: [Train][Epoch 111/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.81250, CELoss: 0.74786, loss: 0.74786, batch\_cost: 0.35723s, reader\_cost: 0.26589, ips: 44.78970 samples/s, eta: 0:02:15

[2024/03/05 11:34:42] ppcls INFO: [Train][Epoch 111/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.85795, CELoss: 0.46695, loss: 0.46695, batch\_cost: 0.34792s, reader\_cost: 0.28031, ips: 45.98822 samples/s, eta: 0:02:08

[2024/03/05 11:34:45] ppcls INFO: [Train][Epoch 111/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.83333, CELoss: 0.50853, loss: 0.50853, batch\_cost: 0.35422s, reader\_cost: 0.27549, ips: 45.16951 samples/s, eta: 0:02:07

[2024/03/05 11:34:49] ppcls INFO: [Train][Epoch 111/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.83065, CELoss: 0.50293, loss: 0.50293, batch\_cost: 0.36434s, reader\_cost: 0.28173, ips: 43.91513 samples/s, eta: 0:02:07

[2024/03/05 11:34:51] ppcls INFO: [Train][Epoch 111/120][Avg]top1: 0.85033, CELoss: 0.46355, loss: 0.46355

[2024/03/05 11:34:52] ppcls INFO: [Eval][Epoch 111][Iter: 0/10]CELoss: 0.18481, loss: 0.18481, top1: 1.00000, batch\_cost: 0.30498s, reader\_cost: 0.27408, ips: 52.46261 images/sec

[2024/03/05 11:34:55] ppcls INFO: [Eval][Epoch 111][Avg]CELoss: 0.28019, loss: 0.28019, top1: 0.93750

[2024/03/05 11:34:55] ppcls INFO: [Eval][Epoch 111][best metric: 0.944444477558136]

[2024/03/05 11:34:57] ppcls INFO: [Train][Epoch 112/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.75000, CELoss: 0.73451, loss: 0.73451, batch\_cost: 0.36572s, reader\_cost: 0.27714, ips: 43.74879 samples/s, eta: 0:02:05

[2024/03/05 11:35:00] ppcls INFO: [Train][Epoch 112/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84659, CELoss: 0.41186, loss: 0.41186, batch\_cost: 0.37869s, reader\_cost: 0.30029, ips: 42.25050 samples/s, eta: 0:02:05

[2024/03/05 11:35:04] ppcls INFO: [Train][Epoch 112/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.86012, CELoss: 0.41445, loss: 0.41445, batch\_cost: 0.37328s, reader\_cost: 0.29028, ips: 42.86294 samples/s, eta: 0:02:00

[2024/03/05 11:35:07] ppcls INFO: [Train][Epoch 112/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.85887, CELoss: 0.44455, loss: 0.44455, batch\_cost: 0.36684s, reader\_cost: 0.28217, ips: 43.61581 samples/s, eta: 0:01:54

[2024/03/05 11:35:10] ppcls INFO: [Train][Epoch 112/120][Avg]top1: 0.84868, CELoss: 0.46462, loss: 0.46462

[2024/03/05 11:35:10] ppcls INFO: [Eval][Epoch 112][Iter: 0/10]CELoss: 0.18655, loss: 0.18655, top1: 1.00000, batch\_cost: 0.31971s, reader\_cost: 0.28683, ips: 50.04464 images/sec

[2024/03/05 11:35:14] ppcls INFO: [Eval][Epoch 112][Avg]CELoss: 0.27937, loss: 0.27937, top1: 0.94444

[2024/03/05 11:35:14] ppcls INFO: [Eval][Epoch 112][best metric: 0.944444477558136]

[2024/03/05 11:35:14] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:35:15] ppcls INFO: [Train][Epoch 113/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.87500, CELoss: 0.47822, loss: 0.47822, batch\_cost: 0.36374s, reader\_cost: 0.27463, ips: 43.98796 samples/s, eta: 0:01:50

[2024/03/05 11:35:19] ppcls INFO: [Train][Epoch 113/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.83523, CELoss: 0.48624, loss: 0.48624, batch\_cost: 0.42743s, reader\_cost: 0.35068, ips: 37.43267 samples/s, eta: 0:02:05

[2024/03/05 11:35:22] ppcls INFO: [Train][Epoch 113/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84524, CELoss: 0.47695, loss: 0.47695, batch\_cost: 0.38321s, reader\_cost: 0.30086, ips: 41.75225 samples/s, eta: 0:01:48

[2024/03/05 11:35:26] ppcls INFO: [Train][Epoch 113/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84476, CELoss: 0.46310, loss: 0.46310, batch\_cost: 0.36238s, reader\_cost: 0.27855, ips: 44.15195 samples/s, eta: 0:01:39

[2024/03/05 11:35:28] ppcls INFO: [Train][Epoch 113/120][Avg]top1: 0.85033, CELoss: 0.44040, loss: 0.44040

[2024/03/05 11:35:28] ppcls INFO: [Eval][Epoch 113][Iter: 0/10]CELoss: 0.18664, loss: 0.18664, top1: 1.00000, batch\_cost: 0.32113s, reader\_cost: 0.29123, ips: 49.82420 images/sec

[2024/03/05 11:35:32] ppcls INFO: [Eval][Epoch 113][Avg]CELoss: 0.27242, loss: 0.27242, top1: 0.94444

[2024/03/05 11:35:32] ppcls INFO: [Eval][Epoch 113][best metric: 0.944444477558136]

[2024/03/05 11:35:32] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_113

[2024/03/05 11:35:32] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:35:33] ppcls INFO: [Train][Epoch 114/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 1.00000, CELoss: 0.13563, loss: 0.13563, batch\_cost: 0.36221s, reader\_cost: 0.27073, ips: 44.17309 samples/s, eta: 0:01:36

[2024/03/05 11:35:37] ppcls INFO: [Train][Epoch 114/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.88636, CELoss: 0.34908, loss: 0.34908, batch\_cost: 0.37550s, reader\_cost: 0.29277, ips: 42.61030 samples/s, eta: 0:01:36

[2024/03/05 11:35:40] ppcls INFO: [Train][Epoch 114/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.87798, CELoss: 0.38912, loss: 0.38912, batch\_cost: 0.36881s, reader\_cost: 0.28450, ips: 43.38289 samples/s, eta: 0:01:30

[2024/03/05 11:35:43] ppcls INFO: [Train][Epoch 114/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.86089, CELoss: 0.41674, loss: 0.41674, batch\_cost: 0.34755s, reader\_cost: 0.26291, ips: 46.03702 samples/s, eta: 0:01:22

[2024/03/05 11:35:46] ppcls INFO: [Train][Epoch 114/120][Avg]top1: 0.85855, CELoss: 0.41367, loss: 0.41367

[2024/03/05 11:35:46] ppcls INFO: [Eval][Epoch 114][Iter: 0/10]CELoss: 0.17698, loss: 0.17698, top1: 1.00000, batch\_cost: 0.31202s, reader\_cost: 0.28113, ips: 51.27848 images/sec

[2024/03/05 11:35:50] ppcls INFO: [Eval][Epoch 114][Avg]CELoss: 0.27188, loss: 0.27188, top1: 0.94444

[2024/03/05 11:35:50] ppcls INFO: [Eval][Epoch 114][best metric: 0.944444477558136]

[2024/03/05 11:35:50] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_114

[2024/03/05 11:35:51] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:35:51] ppcls INFO: [Train][Epoch 115/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.93750, CELoss: 0.26561, loss: 0.26561, batch\_cost: 0.36035s, reader\_cost: 0.26856, ips: 44.40168 samples/s, eta: 0:01:22

[2024/03/05 11:35:55] ppcls INFO: [Train][Epoch 115/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.86932, CELoss: 0.39094, loss: 0.39094, batch\_cost: 0.42292s, reader\_cost: 0.34618, ips: 37.83203 samples/s, eta: 0:01:32

[2024/03/05 11:35:58] ppcls INFO: [Train][Epoch 115/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.88095, CELoss: 0.38145, loss: 0.38145, batch\_cost: 0.36263s, reader\_cost: 0.28067, ips: 44.12166 samples/s, eta: 0:01:15

[2024/03/05 11:36:02] ppcls INFO: [Train][Epoch 115/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.87097, CELoss: 0.40750, loss: 0.40750, batch\_cost: 0.35687s, reader\_cost: 0.27269, ips: 44.83481 samples/s, eta: 0:01:10

[2024/03/05 11:36:04] ppcls INFO: [Train][Epoch 115/120][Avg]top1: 0.86513, CELoss: 0.42214, loss: 0.42214

[2024/03/05 11:36:05] ppcls INFO: [Eval][Epoch 115][Iter: 0/10]CELoss: 0.17313, loss: 0.17313, top1: 1.00000, batch\_cost: 0.30600s, reader\_cost: 0.27610, ips: 52.28836 images/sec

[2024/03/05 11:36:08] ppcls INFO: [Eval][Epoch 115][Avg]CELoss: 0.27132, loss: 0.27132, top1: 0.94444

[2024/03/05 11:36:08] ppcls INFO: [Eval][Epoch 115][best metric: 0.944444477558136]

[2024/03/05 11:36:08] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_115

[2024/03/05 11:36:09] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:36:09] ppcls INFO: [Train][Epoch 116/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.87500, CELoss: 0.38122, loss: 0.38122, batch\_cost: 0.36788s, reader\_cost: 0.27611, ips: 43.49195 samples/s, eta: 0:01:09

[2024/03/05 11:36:13] ppcls INFO: [Train][Epoch 116/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.83523, CELoss: 0.42754, loss: 0.42754, batch\_cost: 0.36619s, reader\_cost: 0.29244, ips: 43.69290 samples/s, eta: 0:01:05

[2024/03/05 11:36:16] ppcls INFO: [Train][Epoch 116/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84821, CELoss: 0.40492, loss: 0.40492, batch\_cost: 0.34794s, reader\_cost: 0.26642, ips: 45.98457 samples/s, eta: 0:00:59

[2024/03/05 11:36:20] ppcls INFO: [Train][Epoch 116/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.85081, CELoss: 0.39124, loss: 0.39124, batch\_cost: 0.35880s, reader\_cost: 0.27572, ips: 44.59263 samples/s, eta: 0:00:57

[2024/03/05 11:36:22] ppcls INFO: [Train][Epoch 116/120][Avg]top1: 0.85526, CELoss: 0.40737, loss: 0.40737

[2024/03/05 11:36:23] ppcls INFO: [Eval][Epoch 116][Iter: 0/10]CELoss: 0.16287, loss: 0.16287, top1: 1.00000, batch\_cost: 0.31195s, reader\_cost: 0.28006, ips: 51.29000 images/sec

[2024/03/05 11:36:26] ppcls INFO: [Eval][Epoch 116][Avg]CELoss: 0.26267, loss: 0.26267, top1: 0.94444

[2024/03/05 11:36:26] ppcls INFO: [Eval][Epoch 116][best metric: 0.944444477558136]

[2024/03/05 11:36:27] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_116

[2024/03/05 11:36:27] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:36:28] ppcls INFO: [Train][Epoch 117/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.87500, CELoss: 0.28700, loss: 0.28700, batch\_cost: 0.36968s, reader\_cost: 0.27996, ips: 43.28093 samples/s, eta: 0:00:56

[2024/03/05 11:36:31] ppcls INFO: [Train][Epoch 117/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.85795, CELoss: 0.38288, loss: 0.38288, batch\_cost: 0.37010s, reader\_cost: 0.29477, ips: 43.23189 samples/s, eta: 0:00:52

[2024/03/05 11:36:35] ppcls INFO: [Train][Epoch 117/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.83929, CELoss: 0.40793, loss: 0.40793, batch\_cost: 0.36900s, reader\_cost: 0.28596, ips: 43.36019 samples/s, eta: 0:00:48

[2024/03/05 11:36:38] ppcls INFO: [Train][Epoch 117/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.82661, CELoss: 0.44088, loss: 0.44088, batch\_cost: 0.36532s, reader\_cost: 0.28145, ips: 43.79702 samples/s, eta: 0:00:44

[2024/03/05 11:36:41] ppcls INFO: [Train][Epoch 117/120][Avg]top1: 0.83224, CELoss: 0.42896, loss: 0.42896

[2024/03/05 11:36:41] ppcls INFO: [Eval][Epoch 117][Iter: 0/10]CELoss: 0.15436, loss: 0.15436, top1: 1.00000, batch\_cost: 0.31295s, reader\_cost: 0.28106, ips: 51.12597 images/sec

[2024/03/05 11:36:45] ppcls INFO: [Eval][Epoch 117][Avg]CELoss: 0.26930, loss: 0.26930, top1: 0.94444

[2024/03/05 11:36:45] ppcls INFO: [Eval][Epoch 117][best metric: 0.944444477558136]

[2024/03/05 11:36:45] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_117

[2024/03/05 11:36:45] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:36:46] ppcls INFO: [Train][Epoch 118/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.81250, CELoss: 0.36473, loss: 0.36473, batch\_cost: 0.36160s, reader\_cost: 0.27439, ips: 44.24800 samples/s, eta: 0:00:41

[2024/03/05 11:36:49] ppcls INFO: [Train][Epoch 118/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.80682, CELoss: 0.52858, loss: 0.52858, batch\_cost: 0.33961s, reader\_cost: 0.26287, ips: 47.11234 samples/s, eta: 0:00:35

[2024/03/05 11:36:53] ppcls INFO: [Train][Epoch 118/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.83631, CELoss: 0.45147, loss: 0.45147, batch\_cost: 0.35592s, reader\_cost: 0.27426, ips: 44.95441 samples/s, eta: 0:00:33

[2024/03/05 11:36:56] ppcls INFO: [Train][Epoch 118/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.83468, CELoss: 0.46250, loss: 0.46250, batch\_cost: 0.35596s, reader\_cost: 0.27234, ips: 44.94931 samples/s, eta: 0:00:29

[2024/03/05 11:36:59] ppcls INFO: [Train][Epoch 118/120][Avg]top1: 0.84211, CELoss: 0.44665, loss: 0.44665

[2024/03/05 11:36:59] ppcls INFO: [Eval][Epoch 118][Iter: 0/10]CELoss: 0.16543, loss: 0.16543, top1: 1.00000, batch\_cost: 0.32477s, reader\_cost: 0.29387, ips: 49.26571 images/sec

[2024/03/05 11:37:03] ppcls INFO: [Eval][Epoch 118][Avg]CELoss: 0.26459, loss: 0.26459, top1: 0.94444

[2024/03/05 11:37:03] ppcls INFO: [Eval][Epoch 118][best metric: 0.944444477558136]

[2024/03/05 11:37:03] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_118

[2024/03/05 11:37:03] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:37:04] ppcls INFO: [Train][Epoch 119/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.81250, CELoss: 0.32110, loss: 0.32110, batch\_cost: 0.36976s, reader\_cost: 0.28108, ips: 43.27092 samples/s, eta: 0:00:28

[2024/03/05 11:37:07] ppcls INFO: [Train][Epoch 119/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84659, CELoss: 0.48416, loss: 0.48416, batch\_cost: 0.32402s, reader\_cost: 0.25442, ips: 49.37975 samples/s, eta: 0:00:21

[2024/03/05 11:37:11] ppcls INFO: [Train][Epoch 119/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.86012, CELoss: 0.44216, loss: 0.44216, batch\_cost: 0.34857s, reader\_cost: 0.27034, ips: 45.90211 samples/s, eta: 0:00:19

[2024/03/05 11:37:14] ppcls INFO: [Train][Epoch 119/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84274, CELoss: 0.47581, loss: 0.47581, batch\_cost: 0.35076s, reader\_cost: 0.26894, ips: 45.61482 samples/s, eta: 0:00:16

[2024/03/05 11:37:17] ppcls INFO: [Train][Epoch 119/120][Avg]top1: 0.84211, CELoss: 0.47319, loss: 0.47319

[2024/03/05 11:37:17] ppcls INFO: [Eval][Epoch 119][Iter: 0/10]CELoss: 0.17781, loss: 0.17781, top1: 1.00000, batch\_cost: 0.31305s, reader\_cost: 0.28414, ips: 51.11086 images/sec

[2024/03/05 11:37:21] ppcls INFO: [Eval][Epoch 119][Avg]CELoss: 0.27193, loss: 0.27193, top1: 0.94444

[2024/03/05 11:37:21] ppcls INFO: [Eval][Epoch 119][best metric: 0.944444477558136]

[2024/03/05 11:37:21] ppcls INFO: Already save model in ./output/resnet50\ResNet50\epoch\_119

[2024/03/05 11:37:21] ppcls INFO: Already save model in ./output/resnet50\ResNet50\latest

[2024/03/05 11:37:22] ppcls INFO: [Train][Epoch 120/120][Iter: 0/38]lr(PiecewiseDecay): 0.00010000, top1: 0.81250, CELoss: 0.35953, loss: 0.35953, batch\_cost: 0.35856s, reader\_cost: 0.26859, ips: 44.62313 samples/s, eta: 0:00:13

[2024/03/05 11:37:25] ppcls INFO: [Train][Epoch 120/120][Iter: 10/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84091, CELoss: 0.45370, loss: 0.45370, batch\_cost: 0.37900s, reader\_cost: 0.30342, ips: 42.21670 samples/s, eta: 0:00:10

[2024/03/05 11:37:29] ppcls INFO: [Train][Epoch 120/120][Iter: 20/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84524, CELoss: 0.45791, loss: 0.45791, batch\_cost: 0.35073s, reader\_cost: 0.26913, ips: 45.61871 samples/s, eta: 0:00:06

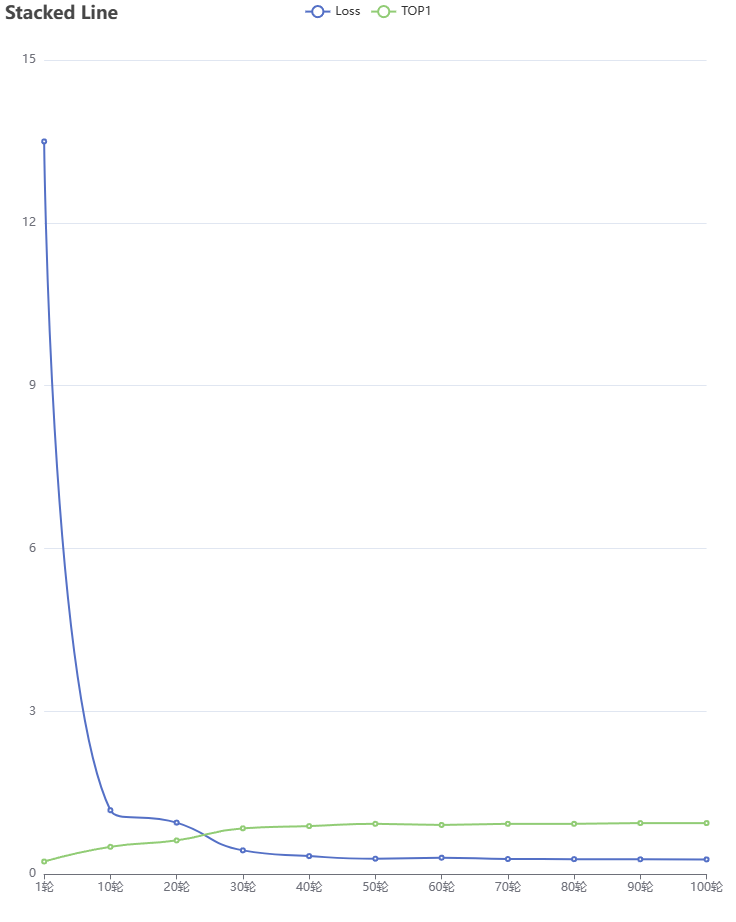
[2024/03/05 11:37:32] ppcls INFO: [Train][Epoch 120/120][Iter: 30/38]lr(PiecewiseDecay): 0.00010000, top1: 0.84274, CELoss: 0.47694, loss: 0.47694, batch\_cost: 0.34839s, reader\_cost: 0.26500, ips: 45.92556 samples/s, eta: 0:00:02

[2024/03/05 11:37:35] ppcls INFO: [Train][Epoch 120/120][Avg]top1: 0.85691, CELoss: 0.43944, loss: 0.43944

[2024/03/05 11:37:35] ppcls INFO: [Eval][Epoch 120][Iter: 0/10]CELoss: 0.19823, loss: 0.19823, top1: 1.00000, batch\_cost: 0.31547s, reader\_cost: 0.28458, ips: 50.71740 images/sec

[2024/03/05 11:37:39] ppcls INFO: [Eval][Epoch 120][Avg]CELoss: 0.27958, loss: 0.27958, top1: 0.93056

[2024/03/05 11:37:39] ppcls INFO: [Eval][Epoch 120][best metric: 0.944444477558136]



#### 1.5.3 关键信息提取

模型评估：

[2024-03-18 15:13:08,372] [ INFO] - \*\*\*\*\* eval metrics \*\*\*\*\*

[2024-03-18 15:13:08,373] [ INFO] - epoch = 100.0

[2024-03-18 15:13:08,374] [ INFO] - eval\_f1 = 0.8

[2024-03-18 15:13:08,374] [ INFO] - eval\_loss = 0.0009

[2024-03-18 15:13:08,375] [ INFO] - eval\_precision = 0.7619

[2024-03-18 15:13:08,375] [ INFO] - eval\_recall = 0.8421

[2024-03-18 15:13:08,376] [ INFO] - eval\_runtime = 0:00:06.86

[2024-03-18 15:13:08,376] [ INFO] - eval\_samples\_per\_second = 75.1473

[2024-03-18 15:13:08,377] [ INFO] - eval\_steps\_per\_second = 4.8059

[2024-03-20 11:51:08,010] [ INFO] - -----------------------------

[2024-03-20 11:51:08,010] [ INFO] - Class Name: 合同编号

[2024-03-20 11:51:08,012] [ INFO] - Evaluation Precision: 1.00000 | Recall: 0.75000 | F1: 0.85714

[2024-03-20 11:51:08,239] [ INFO] - -----------------------------

[2024-03-20 11:51:08,239] [ INFO] - Class Name: 发包单位名称

[2024-03-20 11:51:08,240] [ INFO] - Evaluation Precision: 0.94444 | Recall: 0.85000 | F1: 0.89474

[2024-03-20 11:51:08,449] [ INFO] - -----------------------------

[2024-03-20 11:51:08,450] [ INFO] - Class Name: 承建单位名称

[2024-03-20 11:51:08,452] [ INFO] - Evaluation Precision: 0.94737 | Recall: 0.81818 | F1: 0.87805

[2024-03-20 11:51:08,543] [ INFO] - -----------------------------

[2024-03-20 11:51:08,544] [ INFO] - Class Name: 签订时间

[2024-03-20 11:51:08,546] [ INFO] - Evaluation Precision: 0.85714 | Recall: 0.85714 | F1: 0.85714

[2024-03-20 11:51:08,645] [ INFO] - -----------------------------

[2024-03-20 11:51:08,645] [ INFO] - Class Name: 合同名称

[2024-03-20 11:51:08,646] [ INFO] - Evaluation Precision: 0.57143 | Recall: 0.57143 | F1: 0.57143

[2024-03-20 11:51:08,762] [ INFO] - -----------------------------

[2024-03-20 11:51:08,762] [ INFO] - Class Name: 合同工期

[2024-03-20 11:51:08,764] [ INFO] - Evaluation Precision: 0.85714 | Recall: 0.66667 | F1: 0.75000

[2024-03-20 11:51:08,883] [ INFO] - -----------------------------

[2024-03-20 11:51:08,883] [ INFO] - Class Name: 合同价

[2024-03-20 11:51:08,884] [ INFO] - Evaluation Precision: 1.00000 | Recall: 1.00000 | F1: 1.00000

[2024-03-20 11:51:08,982] [ INFO] - -----------------------------

[2024-03-20 11:51:08,983] [ INFO] - Class Name: 项目负责人

[2024-03-20 11:51:08,984] [ INFO] - Evaluation Precision: 1.00000 | Recall: 0.50000 | F1: 0.66667

[2024-03-20 11:51:09,036] [ INFO] - -----------------------------

[2024-03-20 11:51:09,037] [ INFO] - Class Name: 项目技术负责人

[2024-03-20 11:51:09,038] [ INFO] - Evaluation Precision: 1.00000 | Recall: 1.0

[2024-03-18 14:14:40,773] [ INFO] - loss: 0.00178015, learning\_rate: 1e-05, global\_step: 10, interval\_runtime: 5.4343, interval\_samples\_per\_second: 29.442711677968585, interval\_steps\_per\_second: 1.8401694798730366, epoch: 0.1099

[2024-03-18 14:15:05,212] [ INFO] - loss: 0.00058874, learning\_rate: 1e-05, global\_step: 100, interval\_runtime: 3.0763, interval\_samples\_per\_second: 52.01108596583687, interval\_steps\_per\_second: 3.2506928728648044, epoch: 1.0989

[2024-03-18 14:15:40,689] [ INFO] - loss: 0.00027078, learning\_rate: 1e-05, global\_step: 190, interval\_runtime: 2.8087, interval\_samples\_per\_second: 56.96569963399067, interval\_steps\_per\_second: 3.5603562271244167, epoch: 2.0879

[2024-03-18 14:16:17,883] [ INFO] - loss: 0.00039749, learning\_rate: 1e-05, global\_step: 280, interval\_runtime: 2.9279, interval\_samples\_per\_second: 54.646273188925, interval\_steps\_per\_second: 3.4153920743078126, epoch: 3.0769

[2024-03-18 14:16:54,640] [ INFO] - loss: 0.0001171, learning\_rate: 1e-05, global\_step: 370, interval\_runtime: 2.8234, interval\_samples\_per\_second: 56.66927795058264, interval\_steps\_per\_second: 3.541829871911415, epoch: 4.0659

[2024-03-18 14:17:29,921] [ INFO] - loss: 0.00017824, learning\_rate: 1e-05, global\_step: 460, interval\_runtime: 2.8232, interval\_samples\_per\_second: 56.67321658334862, interval\_steps\_per\_second: 3.5420760364592887, epoch: 5.0549

[2024-03-18 14:18:05,308] [ INFO] - loss: 0.00016179, learning\_rate: 1e-05, global\_step: 550, interval\_runtime: 2.8095, interval\_samples\_per\_second: 56.94930212799324, interval\_steps\_per\_second: 3.5593313829995776, epoch: 6.044

[2024-03-18 14:18:40,837] [ INFO] - loss: 0.00029251, learning\_rate: 1e-05, global\_step: 640, interval\_runtime: 2.8771, interval\_samples\_per\_second: 55.61179772343274, interval\_steps\_per\_second: 3.475737357714546, epoch: 7.033

[2024-03-18 14:19:16,581] [ INFO] - loss: 0.00011117, learning\_rate: 1e-05, global\_step: 730, interval\_runtime: 2.9192, interval\_samples\_per\_second: 54.80997661368742, interval\_steps\_per\_second: 3.4256235383554636, epoch: 8.022

[2024-03-18 14:19:53,076] [ INFO] - loss: 0.00015865, learning\_rate: 1e-05, global\_step: 820, interval\_runtime: 2.8833, interval\_samples\_per\_second: 55.49172195191612, interval\_steps\_per\_second: 3.4682326219947575, epoch: 9.011

[2024-03-18 14:20:28,562] [ INFO] - loss: 0.00024849, learning\_rate: 1e-05, global\_step: 910, interval\_runtime: 13.8525, interval\_samples\_per\_second: 11.550278018572804, interval\_steps\_per\_second: 0.7218923761608003, epoch: 10.0

[2024-03-18 14:21:07,225] [ INFO] - loss: 7.169e-05, learning\_rate: 1e-05, global\_step: 1010, interval\_runtime: 13.9427, interval\_samples\_per\_second: 11.475520015212034, interval\_steps\_per\_second: 0.7172200009507521, epoch: 11.0989

[2024-03-18 14:21:31,664] [ INFO] - loss: 8.772e-05, learning\_rate: 1e-05, global\_step: 1100, interval\_runtime: 2.8402, interval\_samples\_per\_second: 56.334331575671314, interval\_steps\_per\_second: 3.520895723479457, epoch: 12.0879

[2024-03-18 14:22:07,400] [ INFO] - loss: 0.00017519, learning\_rate: 1e-05, global\_step: 1190, interval\_runtime: 2.755, interval\_samples\_per\_second: 58.076237710731135, interval\_steps\_per\_second: 3.629764856920696, epoch: 13.0769

[2024-03-18 14:22:43,114] [ INFO] - loss: 7.876e-05, learning\_rate: 1e-05, global\_step: 1280, interval\_runtime: 2.8099, interval\_samples\_per\_second: 56.941285676406636, interval\_steps\_per\_second: 3.5588303547754148, epoch: 14.0659

[2024-03-18 14:23:18,873] [ INFO] - loss: 1.235e-05, learning\_rate: 1e-05, global\_step: 1370, interval\_runtime: 2.7953, interval\_samples\_per\_second: 57.239205160776145, interval\_steps\_per\_second: 3.577450322548509, epoch: 15.0549

[2024-03-18 14:23:55,150] [ INFO] - loss: 8.37e-05, learning\_rate: 1e-05, global\_step: 1460, interval\_runtime: 2.8225, interval\_samples\_per\_second: 56.686797817466434, interval\_steps\_per\_second: 3.542924863591652, epoch: 16.044

[2024-03-18 14:24:30,694] [ INFO] - loss: 0.00013443, learning\_rate: 1e-05, global\_step: 1550, interval\_runtime: 2.9042, interval\_samples\_per\_second: 55.09200791972307, interval\_steps\_per\_second: 3.443250494982692, epoch: 17.033

[2024-03-18 14:25:06,404] [ INFO] - loss: 0.00011082, learning\_rate: 1e-05, global\_step: 1640, interval\_runtime: 2.8743, interval\_samples\_per\_second: 55.665413268151745, interval\_steps\_per\_second: 3.479088329259484, epoch: 18.022

[2024-03-18 14:25:41,881] [ INFO] - loss: 7.997e-05, learning\_rate: 1e-05, global\_step: 1730, interval\_runtime: 2.9012, interval\_samples\_per\_second: 55.15027656963582, interval\_steps\_per\_second: 3.446892285602239, epoch: 19.011

[2024-03-18 14:26:20,027] [ INFO] - loss: 7.268e-05, learning\_rate: 1e-05, global\_step: 1830, interval\_runtime: 3.1272, interval\_samples\_per\_second: 51.164403671487406, interval\_steps\_per\_second: 3.197775229467963, epoch: 20.1099

[2024-03-18 14:26:55,314] [ INFO] - loss: 7.702e-05, learning\_rate: 1e-05, global\_step: 1920, interval\_runtime: 2.8812, interval\_samples\_per\_second: 55.532581031069896, interval\_steps\_per\_second: 3.4707863144418685, epoch: 21.0989

[2024-03-18 14:27:30,866] [ INFO] - loss: 0.00039176, learning\_rate: 1e-05, global\_step: 2010, interval\_runtime: 13.8706, interval\_samples\_per\_second: 11.535153662157871, interval\_steps\_per\_second: 0.7209471038848669, epoch: 22.0879

[2024-03-18 14:27:55,343] [ INFO] - loss: 8.582e-05, learning\_rate: 1e-05, global\_step: 2100, interval\_runtime: 2.8406, interval\_samples\_per\_second: 56.32626511092416, interval\_steps\_per\_second: 3.52039156943276, epoch: 23.0769

[2024-03-18 14:28:31,183] [ INFO] - loss: 0.00018629, learning\_rate: 1e-05, global\_step: 2190, interval\_runtime: 2.821, interval\_samples\_per\_second: 56.71658729224377, interval\_steps\_per\_second: 3.544786705765236, epoch: 24.0659

[2024-03-18 14:29:06,385] [ INFO] - loss: 4.389e-05, learning\_rate: 1e-05, global\_step: 2280, interval\_runtime: 2.7744, interval\_samples\_per\_second: 57.669666067130315, interval\_steps\_per\_second: 3.6043541291956447, epoch: 25.0549

[2024-03-18 14:29:41,707] [ INFO] - loss: 7.968e-05, learning\_rate: 1e-05, global\_step: 2370, interval\_runtime: 2.7885, interval\_samples\_per\_second: 57.37836538231345, interval\_steps\_per\_second: 3.5861478363945904, epoch: 26.044

[2024-03-18 14:30:17,084] [ INFO] - loss: 0.00013297, learning\_rate: 1e-05, global\_step: 2460, interval\_runtime: 2.9011, interval\_samples\_per\_second: 55.15068900903193, interval\_steps\_per\_second: 3.4469180630644956, epoch: 27.033

[2024-03-18 14:30:52,315] [ INFO] - loss: 4.63e-06, learning\_rate: 1e-05, global\_step: 2550, interval\_runtime: 2.8411, interval\_samples\_per\_second: 56.31661297714158, interval\_steps\_per\_second: 3.519788311071349, epoch: 28.022

[2024-03-18 14:31:27,864] [ INFO] - loss: 7.9e-06, learning\_rate: 1e-05, global\_step: 2640, interval\_runtime: 2.8618, interval\_samples\_per\_second: 55.908990519470876, interval\_steps\_per\_second: 3.4943119074669298, epoch: 29.011

[2024-03-18 14:32:03,302] [ INFO] - loss: 0.00010614, learning\_rate: 1e-05, global\_step: 2730, interval\_runtime: 2.4783, interval\_samples\_per\_second: 64.55955563495364, interval\_steps\_per\_second: 4.0349722271846025, epoch: 30.0

[2024-03-18 14:32:41,678] [ INFO] - loss: 6.532e-05, learning\_rate: 1e-05, global\_step: 2830, interval\_runtime: 2.8633, interval\_samples\_per\_second: 55.87872637312367, interval\_steps\_per\_second: 3.4924203983202293, epoch: 31.0989

[2024-03-18 14:33:17,103] [ INFO] - loss: 1.302e-05, learning\_rate: 1e-05, global\_step: 2920, interval\_runtime: 2.7763, interval\_samples\_per\_second: 57.62999235451487, interval\_steps\_per\_second: 3.6018745221571793, epoch: 32.0879

[2024-03-18 14:33:52,679] [ INFO] - loss: 6.923e-05, learning\_rate: 1e-05, global\_step: 3010, interval\_runtime: 13.9952, interval\_samples\_per\_second: 11.432524120887727, interval\_steps\_per\_second: 0.714532757555483, epoch: 33.0769

[2024-03-18 14:34:17,072] [ INFO] - loss: 0.00014353, learning\_rate: 1e-05, global\_step: 3100, interval\_runtime: 2.8046, interval\_samples\_per\_second: 57.048517648530975, interval\_steps\_per\_second: 3.565532353033186, epoch: 34.0659

[2024-03-18 14:34:52,431] [ INFO] - loss: 5.739e-05, learning\_rate: 1e-05, global\_step: 3190, interval\_runtime: 2.8031, interval\_samples\_per\_second: 57.07919836688299, interval\_steps\_per\_second: 3.567449897930187, epoch: 35.0549

[2024-03-18 14:35:27,791] [ INFO] - loss: 3.085e-05, learning\_rate: 1e-05, global\_step: 3280, interval\_runtime: 2.7696, interval\_samples\_per\_second: 57.7699625026912, interval\_steps\_per\_second: 3.6106226564182, epoch: 36.044

[2024-03-18 14:36:03,078] [ INFO] - loss: 0.00010036, learning\_rate: 1e-05, global\_step: 3370, interval\_runtime: 2.8688, interval\_samples\_per\_second: 55.77308025284557, interval\_steps\_per\_second: 3.485817515802848, epoch: 37.033

[2024-03-18 14:36:38,538] [ INFO] - loss: 1.47e-06, learning\_rate: 1e-05, global\_step: 3460, interval\_runtime: 2.8713, interval\_samples\_per\_second: 55.72452239348307, interval\_steps\_per\_second: 3.482782649592692, epoch: 38.022

[2024-03-18 14:37:10,883] [ INFO] - loss: 2.793e-05, learning\_rate: 1e-05, global\_step: 3540, interval\_runtime: 2.6945, interval\_samples\_per\_second: 59.38090268640531, interval\_steps\_per\_second: 3.7113064179003317, epoch: 38.9011

[2024-03-18 14:37:13,791] [ INFO] - loss: 3.092e-05, learning\_rate: 1e-05, global\_step: 3550, interval\_runtime: 2.9078, interval\_samples\_per\_second: 55.024377253057224, interval\_steps\_per\_second: 3.4390235783160765, epoch: 39.011

[2024-03-18 14:37:49,101] [ INFO] - loss: 7.235e-05, learning\_rate: 1e-05, global\_step: 3640, interval\_runtime: 2.5138, interval\_samples\_per\_second: 63.649186981922796, interval\_steps\_per\_second: 3.9780741863701747, epoch: 40.0

[2024-03-18 14:38:27,445] [ INFO] - loss: 6.565e-05, learning\_rate: 1e-05, global\_step: 3740, interval\_runtime: 2.8549, interval\_samples\_per\_second: 56.04425424763094, interval\_steps\_per\_second: 3.5027658904769337, epoch: 41.0989

[2024-03-18 14:39:06,924] [ INFO] - loss: 0.00046473, learning\_rate: 1e-05, global\_step: 3830, interval\_runtime: 6.8091, interval\_samples\_per\_second: 23.49780417338711, interval\_steps\_per\_second: 1.4686127608366943, epoch: 42.0879

[2024-03-18 14:39:42,438] [ INFO] - loss: 9.53e-05, learning\_rate: 1e-05, global\_step: 3920, interval\_runtime: 2.8539, interval\_samples\_per\_second: 56.06349258330344, interval\_steps\_per\_second: 3.503968286456465, epoch: 43.0769

[2024-03-18 14:40:18,137] [ INFO] - loss: 2.303e-05, learning\_rate: 1e-05, global\_step: 4010, interval\_runtime: 14.0619, interval\_samples\_per\_second: 11.378295934090152, interval\_steps\_per\_second: 0.7111434958806345, epoch: 44.0659

[2024-03-18 14:40:42,634] [ INFO] - loss: 2.79e-06, learning\_rate: 1e-05, global\_step: 4100, interval\_runtime: 2.8142, interval\_samples\_per\_second: 56.85534868270171, interval\_steps\_per\_second: 3.553459292668857, epoch: 45.0549

[2024-03-18 14:41:17,719] [ INFO] - loss: 7.78e-05, learning\_rate: 1e-05, global\_step: 4190, interval\_runtime: 2.8153, interval\_samples\_per\_second: 56.8315104768728, interval\_steps\_per\_second: 3.55196940480455, epoch: 46.044

[2024-03-18 14:41:53,687] [ INFO] - loss: 2.865e-05, learning\_rate: 1e-05, global\_step: 4280, interval\_runtime: 2.8985, interval\_samples\_per\_second: 55.20151154842409, interval\_steps\_per\_second: 3.4500944717765054, epoch: 47.033

[2024-03-18 14:42:28,784] [ INFO] - loss: 5.424e-05, learning\_rate: 1e-05, global\_step: 4370, interval\_runtime: 2.9261, interval\_samples\_per\_second: 54.680758695944085, interval\_steps\_per\_second: 3.4175474184965053, epoch: 48.022

[2024-03-18 14:43:04,461] [ INFO] - loss: 3.029e-05, learning\_rate: 1e-05, global\_step: 4460, interval\_runtime: 2.9167, interval\_samples\_per\_second: 54.85675123844625, interval\_steps\_per\_second: 3.4285469524028906, epoch: 49.011

[2024-03-18 14:43:39,141] [ INFO] - loss: 4.865e-05, learning\_rate: 1e-05, global\_step: 4550, interval\_runtime: 2.4826, interval\_samples\_per\_second: 64.44924970238175, interval\_steps\_per\_second: 4.028078106398859, epoch: 50.0

[2024-03-18 14:44:18,094] [ INFO] - loss: 3.332e-05, learning\_rate: 1e-05, global\_step: 4650, interval\_runtime: 2.9014, interval\_samples\_per\_second: 55.14613438858082, interval\_steps\_per\_second: 3.446633399286301, epoch: 51.0989

[2024-03-18 14:44:53,064] [ INFO] - loss: 2.556e-05, learning\_rate: 1e-05, global\_step: 4740, interval\_runtime: 2.8041, interval\_samples\_per\_second: 57.06023191622998, interval\_steps\_per\_second: 3.566264494764374, epoch: 52.0879

[2024-03-18 14:45:28,617] [ INFO] - loss: 4.126e-05, learning\_rate: 1e-05, global\_step: 4830, interval\_runtime: 2.8537, interval\_samples\_per\_second: 56.06693524556204, interval\_steps\_per\_second: 3.5041834528476277, epoch: 53.0769

[2024-03-18 14:46:04,686] [ INFO] - loss: 6.77e-05, learning\_rate: 1e-05, global\_step: 4920, interval\_runtime: 2.8007, interval\_samples\_per\_second: 57.12903318349797, interval\_steps\_per\_second: 3.570564573968623, epoch: 54.0659

[2024-03-18 14:46:40,080] [ INFO] - loss: 7.873e-05, learning\_rate: 1e-05, global\_step: 5010, interval\_runtime: 13.7757, interval\_samples\_per\_second: 11.614678432899114, interval\_steps\_per\_second: 0.7259174020561946, epoch: 55.0549

[2024-03-18 14:47:04,646] [ INFO] - loss: 1.39e-06, learning\_rate: 1e-05, global\_step: 5100, interval\_runtime: 2.846, interval\_samples\_per\_second: 56.2195197040982, interval\_steps\_per\_second: 3.5137199815061373, epoch: 56.044

[2024-03-18 14:47:40,112] [ INFO] - loss: 1.13e-06, learning\_rate: 1e-05, global\_step: 5190, interval\_runtime: 2.9373, interval\_samples\_per\_second: 54.47087921756708, interval\_steps\_per\_second: 3.4044299510979426, epoch: 57.033

[2024-03-18 14:48:15,412] [ INFO] - loss: 5.122e-05, learning\_rate: 1e-05, global\_step: 5280, interval\_runtime: 2.9097, interval\_samples\_per\_second: 54.987564701204185, interval\_steps\_per\_second: 3.4367227938252616, epoch: 58.022

[2024-03-18 14:48:50,459] [ INFO] - loss: 4.211e-05, learning\_rate: 1e-05, global\_step: 5370, interval\_runtime: 2.9079, interval\_samples\_per\_second: 55.02263132007438, interval\_steps\_per\_second: 3.438914457504649, epoch: 59.011

[2024-03-18 14:49:25,726] [ INFO] - loss: 0.00010258, learning\_rate: 1e-05, global\_step: 5460, interval\_runtime: 2.5054, interval\_samples\_per\_second: 63.86129370078703, interval\_steps\_per\_second: 3.9913308562991894, epoch: 60.0

[2024-03-18 14:50:03,885] [ INFO] - loss: 0.00016574, learning\_rate: 1e-05, global\_step: 5560, interval\_runtime: 2.8847, interval\_samples\_per\_second: 55.46591871125802, interval\_steps\_per\_second: 3.4666199194536262, epoch: 61.0989

[2024-03-18 14:50:39,516] [ INFO] - loss: 8.84e-06, learning\_rate: 1e-05, global\_step: 5650, interval\_runtime: 2.794, interval\_samples\_per\_second: 57.26655802533442, interval\_steps\_per\_second: 3.579159876583401, epoch: 62.0879

[2024-03-18 14:51:14,805] [ INFO] - loss: 8.03e-05, learning\_rate: 1e-05, global\_step: 5740, interval\_runtime: 2.8374, interval\_samples\_per\_second: 56.38957749030454, interval\_steps\_per\_second: 3.5243485931440337, epoch: 63.0769

[2024-03-18 14:51:50,664] [ INFO] - loss: 2.58e-06, learning\_rate: 1e-05, global\_step: 5830, interval\_runtime: 2.8378, interval\_samples\_per\_second: 56.381746253986634, interval\_steps\_per\_second: 3.5238591408741646, epoch: 64.0659

[2024-03-18 14:52:34,397] [ INFO] - loss: 0.00010075, learning\_rate: 1e-05, global\_step: 5920, interval\_runtime: 2.8077, interval\_samples\_per\_second: 56.98559524801212, interval\_steps\_per\_second: 3.5615997030007573, epoch: 65.0549

[2024-03-18 14:53:09,746] [ INFO] - loss: 2.669e-05, learning\_rate: 1e-05, global\_step: 6010, interval\_runtime: 13.7533, interval\_samples\_per\_second: 11.633539554357338, interval\_steps\_per\_second: 0.7270962221473336, epoch: 66.044

[2024-03-18 14:53:40,771] [ INFO] - eval\_loss: 0.001223943429067731, eval\_precision: 0.7623762376237624, eval\_recall: 0.8105263157894737, eval\_f1: 0.7857142857142857, eval\_runtime: 6.4117, eval\_samples\_per\_second: 80.4775919604098, eval\_steps\_per\_second: 5.146822741654115, epoch: 67.033

[2024-03-18 14:54:09,524] [ INFO] - loss: 3.064e-05, learning\_rate: 1e-05, global\_step: 6190, interval\_runtime: 2.8622, interval\_samples\_per\_second: 55.90031433317984, interval\_steps\_per\_second: 3.49376964582374, epoch: 68.022

[2024-03-18 14:54:45,036] [ INFO] - loss: 0.00017734, learning\_rate: 1e-05, global\_step: 6280, interval\_runtime: 2.8801, interval\_samples\_per\_second: 55.55320789403669, interval\_steps\_per\_second: 3.472075493377293, epoch: 69.011

[2024-03-18 14:55:20,136] [ INFO] - loss: 1.23e-06, learning\_rate: 1e-05, global\_step: 6370, interval\_runtime: 2.4823, interval\_samples\_per\_second: 64.45608363930721, interval\_steps\_per\_second: 4.028505227456701, epoch: 70.0

[2024-03-18 14:55:58,753] [ INFO] - loss: 5.719e-05, learning\_rate: 1e-05, global\_step: 6470, interval\_runtime: 2.896, interval\_samples\_per\_second: 55.248743339433496, interval\_steps\_per\_second: 3.4530464587145935, epoch: 71.0989

[2024-03-18 14:56:34,260] [ INFO] - loss: 3.376e-05, learning\_rate: 1e-05, global\_step: 6560, interval\_runtime: 2.8033, interval\_samples\_per\_second: 57.07624677053625, interval\_steps\_per\_second: 3.5672654231585157, epoch: 72.0879

[2024-03-18 14:57:09,584] [ INFO] - loss: 6.154e-05, learning\_rate: 1e-05, global\_step: 6650, interval\_runtime: 2.7997, interval\_samples\_per\_second: 57.14887273622211, interval\_steps\_per\_second: 3.571804546013882, epoch: 73.0769

[2024-03-18 14:57:45,647] [ INFO] - loss: 0.00010803, learning\_rate: 1e-05, global\_step: 6740, interval\_runtime: 2.8187, interval\_samples\_per\_second: 56.7647055091794, interval\_steps\_per\_second: 3.5477940943237125, epoch: 74.0659

[2024-03-18 14:58:21,789] [ INFO] - loss: 9.198e-05, learning\_rate: 1e-05, global\_step: 6830, interval\_runtime: 2.8514, interval\_samples\_per\_second: 56.11253064773486, interval\_steps\_per\_second: 3.5070331654834286, epoch: 75.0549

[2024-03-18 14:58:57,652] [ INFO] - loss: 2.941e-05, learning\_rate: 1e-05, global\_step: 6920, interval\_runtime: 2.83, interval\_samples\_per\_second: 56.53727546882672, interval\_steps\_per\_second: 3.53357971680167, epoch: 76.044

[2024-03-18 14:59:33,409] [ INFO] - loss: 2.39e-05, learning\_rate: 1e-05, global\_step: 7010, interval\_runtime: 14.0366, interval\_samples\_per\_second: 11.398783307482518, interval\_steps\_per\_second: 0.7124239567176573, epoch: 77.033

[2024-03-18 14:59:57,982] [ INFO] - loss: 5.559e-05, learning\_rate: 1e-05, global\_step: 7100, interval\_runtime: 2.8694, interval\_samples\_per\_second: 55.76060969288853, interval\_steps\_per\_second: 3.485038105805533, epoch: 78.022

[2024-03-18 15:00:33,697] [ INFO] - loss: 2.684e-05, learning\_rate: 1e-05, global\_step: 7190, interval\_runtime: 2.946, interval\_samples\_per\_second: 54.310919455486385, interval\_steps\_per\_second: 3.394432465967899, epoch: 79.011

[2024-03-18 15:01:09,610] [ INFO] - loss: 5.419e-05, learning\_rate: 1e-05, global\_step: 7280, interval\_runtime: 2.5156, interval\_samples\_per\_second: 63.602177049053545, interval\_steps\_per\_second: 3.9751360655658465, epoch: 80.0

[2024-03-18 15:01:48,958] [ INFO] - loss: 5.2e-07, learning\_rate: 1e-05, global\_step: 7380, interval\_runtime: 2.9426, interval\_samples\_per\_second: 54.374105852481875, interval\_steps\_per\_second: 3.398381615780117, epoch: 81.0989

[2024-03-18 15:02:24,525] [ INFO] - loss: 5.189e-05, learning\_rate: 1e-05, global\_step: 7470, interval\_runtime: 2.8222, interval\_samples\_per\_second: 56.69329153508619, interval\_steps\_per\_second: 3.543330720942887, epoch: 82.0879

[2024-03-18 15:02:59,561] [ INFO] - loss: 6.505e-05, learning\_rate: 1e-05, global\_step: 7560, interval\_runtime: 2.8119, interval\_samples\_per\_second: 56.901623220257356, interval\_steps\_per\_second: 3.5563514512660848, epoch: 83.0769

[2024-03-18 15:03:35,749] [ INFO] - loss: 2.733e-05, learning\_rate: 1e-05, global\_step: 7650, interval\_runtime: 2.8253, interval\_samples\_per\_second: 56.63170423218396, interval\_steps\_per\_second: 3.5394815145114973, epoch: 84.0659

[2024-03-18 15:04:10,896] [ INFO] - loss: 6.851e-05, learning\_rate: 1e-05, global\_step: 7740, interval\_runtime: 2.7729, interval\_samples\_per\_second: 57.701098093441246, interval\_steps\_per\_second: 3.606318630840078, epoch: 85.0549

[2024-03-18 15:04:46,446] [ INFO] - loss: 0.00011187, learning\_rate: 1e-05, global\_step: 7830, interval\_runtime: 2.8708, interval\_samples\_per\_second: 55.73435680541637, interval\_steps\_per\_second: 3.483397300338523, epoch: 86.044

[2024-03-18 15:05:22,585] [ INFO] - loss: 1.133e-05, learning\_rate: 1e-05, global\_step: 7920, interval\_runtime: 2.8927, interval\_samples\_per\_second: 55.311433118682984, interval\_steps\_per\_second: 3.4569645699176865, epoch: 87.033

[2024-03-18 15:05:58,679] [ INFO] - loss: 9.854e-05, learning\_rate: 1e-05, global\_step: 8010, interval\_runtime: 14.3279, interval\_samples\_per\_second: 11.16703646695676, interval\_steps\_per\_second: 0.6979397791847975, epoch: 88.022

[2024-03-18 15:06:23,285] [ INFO] - loss: 0.00011511, learning\_rate: 1e-05, global\_step: 8100, interval\_runtime: 2.963, interval\_samples\_per\_second: 53.99940648731254, interval\_steps\_per\_second: 3.374962905457034, epoch: 89.011

[2024-03-18 15:06:58,190] [ INFO] - loss: 8.292e-05, learning\_rate: 1e-05, global\_step: 8190, interval\_runtime: 2.4914, interval\_samples\_per\_second: 64.22018854317706, interval\_steps\_per\_second: 4.013761783948566, epoch: 90.0

[2024-03-18 15:07:37,069] [ INFO] - loss: 4.599e-05, learning\_rate: 1e-05, global\_step: 8290, interval\_runtime: 2.8828, interval\_samples\_per\_second: 55.50099698382413, interval\_steps\_per\_second: 3.468812311489008, epoch: 91.0989

[2024-03-18 15:08:12,351] [ INFO] - loss: 4.968e-05, learning\_rate: 1e-05, global\_step: 8380, interval\_runtime: 2.8144, interval\_samples\_per\_second: 56.85019030861933, interval\_steps\_per\_second: 3.5531368942887083, epoch: 92.0879

[2024-03-18 15:08:49,053] [ INFO] - loss: 5.636e-05, learning\_rate: 1e-05, global\_step: 8470, interval\_runtime: 2.8862, interval\_samples\_per\_second: 55.43538120874802, interval\_steps\_per\_second: 3.464711325546751, epoch: 93.0769

[2024-03-18 15:09:24,921] [ INFO] - loss: 7.675e-05, learning\_rate: 1e-05, global\_step: 8560, interval\_runtime: 2.8551, interval\_samples\_per\_second: 56.04003285132188, interval\_steps\_per\_second: 3.5025020532076176, epoch: 94.0659

[2024-03-18 15:10:00,388] [ INFO] - loss: 0.0001118, learning\_rate: 1e-05, global\_step: 8650, interval\_runtime: 2.8484, interval\_samples\_per\_second: 56.17275822035395, interval\_steps\_per\_second: 3.5107973887721218, epoch: 95.0549

[2024-03-18 15:10:35,578] [ INFO] - loss: 2.389e-05, learning\_rate: 1e-05, global\_step: 8740, interval\_runtime: 2.8099, interval\_samples\_per\_second: 56.94103444375745, interval\_steps\_per\_second: 3.5588146527348408, epoch: 96.044

[2024-03-18 15:11:12,336] [ INFO] - loss: 0.00021324, learning\_rate: 1e-05, global\_step: 8830, interval\_runtime: 2.8709, interval\_samples\_per\_second: 55.73118164645038, interval\_steps\_per\_second: 3.483198852903149, epoch: 97.033

[2024-03-18 15:11:47,644] [ INFO] - loss: 4.589e-05, learning\_rate: 1e-05, global\_step: 8920, interval\_runtime: 2.8826, interval\_samples\_per\_second: 55.50533955352142, interval\_steps\_per\_second: 3.4690837220950885, epoch: 98.022

[2024-03-18 15:12:23,322] [ INFO] - loss: 1.59e-06, learning\_rate: 1e-05, global\_step: 9010, interval\_runtime: 13.9594, interval\_samples\_per\_second: 11.461825607839303, interval\_steps\_per\_second: 0.7163641004899565, epoch: 99.011

[2024-03-18 15:12:47,574] [ INFO] - loss: 4.3e-07, learning\_rate: 1e-05, global\_step: 9100, interval\_runtime: 2.4744, interval\_samples\_per\_second: 64.66164697765998, interval\_steps\_per\_second: 4.041352936103749, epoch: 100.0

