WDGRL：

Wasserstein Distance Guided Representation Learning for Domain Adaptation

AAAI2018

Official: <https://github.com/RockySJ/WDGRL>

Tensorflow 1.3.0

Office-Caltech experiment data (pkl文件):

<https://drive.google.com/drive/folders/1BzTgRgU5VIGSbtMX69VcbTZbnAKCgCK6>

MNIST-USPS experiment data (pkl文件):

<https://github.com/RockySJ/WDGRL/tree/master/digits/mnist_usps/data>

Amazon experiment data (svmlight文件，book dvd electronics kitchen四类):

https://github.com/RockySJ/WDGRL/tree/master/amazon/data

对比实验包括：MMD、DANN、CORAL

对比实验代码提供在baseline文件中：

<https://github.com/RockySJ/WDGRL/blob/master/amazon/amazon_baseline.py>

附加：TSNE特征可视化实验代码

CORAL framework:

CORAL: Return of Frustratingly Easy Domain Adaptation

AAAI2016

CORAL-LDA: From Virtual to Reality: Fast Adaptation of Virtual Object Detectors to Real Domains

BMVC2014

Deep CORAL: Correlation Alignment for Deep Domain Adaptation

Official: https://github.com/VisionLearningGroup/CORAL

C++

Deep CORAL:

Unofficial: <https://github.com/SSARCandy/DeepCORAL>

PyTorch 0.2

Office31 experiment data (tar.gz文件):

<https://github.com/SSARCandy/DeepCORAL/tree/master/dataset>

DIFA:

Adversarial Feature Augmentation for Unsupervised Domain Adaptation

CVPR2018

Official: <https://github.com/ricvolpi/adversarial-feature-augmentation>

Python 2.7, Tensorflow 1.3

SVHN experiment data (sh文件):

sh download\_svhn.sh

附加：详细的实验参数设置

JAN:

Deep Transfer Learning with Joint Adaptation Networks

ICML2017

Official: <https://github.com/thuml/Xlearn>

Python 2.7 PyTorch 0.2.0\_3

Office experiment data (txt文件，A、W、D三类):

<https://github.com/thuml/Xlearn/tree/master/pytorch/data/office>

DAN: Learning Transferable Features with Deep Adaptation Networks

ICML2015

RTN: Unsupervised Domain Adaptation with Residual Transfer Networks

NIPS2016

JAN: Deep Transfer Learning with Joint Adaptation Networks

ICML2017

JGSA:

Joint Geometrical and Statistical Alignment for Visual Domain Adaptation

CVPR2017

Official: <https://www.uow.edu.au/~jz960/>

Matlab

DupGAN:

Duplex Generative Adversarial Network for Unsupervised Domain Adaptation

CVPR2018

Offical: <http://vipl.ict.ac.cn/view_database.php?id=6>

Pytorch 0.1