User's guide

This document is written to present how to repeat our proposed approach.

Before running the code of ALSLHASS, the following reminders are worth noting.

Code running environment:

- 1. Install Pycharm
- 2. Python: Install the python3.8 interpreter or later.
- 3. Pytorch: pip3 install torch torchvision torchaudio --index-url http s://download.pytorch.org/whl/cu117

Need to install python library functions:

import numpy as np import torch import cv2 import torchvision.transforms from numpy import mat, ones from torch.utils.data import DataLoader from tqdm import tqdm import math import random import glob from sklearn.preprocessing import StandardScaler from sklearn.neighbors import KNeighborsClassifier from sklearn.tree import DecisionTreeClassifier import os import matplotlib.pyplot as plt import torchvision import PIL.Image as Image

If you encounter a problem, please do not hesitate to contact us: E-mail: liguangfei dream@hotmail.com