import geopandas as gpd

import matplotlib.pyplot as plt

from my\_function import count\_polygons\_by\_class

# Charger les données

samples = gpd.read\_file('results/data/sample/Sample\_BD\_foret\_T31TCJ.shp')

# Compter les polygones par classe

counts\_poly = count\_polygons\_by\_class(samples)

# Diagramme en bâton

plt.bar(counts\_poly['classif\_pixel'], counts\_poly['count'])

plt.xlabel('Classe')

plt.ylabel('Nombre de polygones')

plt.title('Distribution des polygones par classe')

plt.savefig('results/figure/diag\_baton\_nb\_poly\_by\_class.png')