import rasterio

import numpy as np

import matplotlib.pyplot as plt

from my\_function import compute\_ndvi

# Charger les bandes nécessaires

with rasterio.open('data/B4.tif') as red\_src, rasterio.open('data/B8.tif') as nir\_src:

red = red\_src.read(1)

nir = nir\_src.read(1)

# Calculer le NDVI

ndvi = compute\_ndvi(red, nir)

# Graphique NDVI moyen

dates = ['Janv', 'Mars', 'Juin', 'Sept', 'Déc']

ndvi\_means = [ndvi.mean()] \* len(dates) # Exemple simplifié

plt.plot(dates, ndvi\_means)

plt.xlabel('Date')

plt.ylabel('NDVI moyen')

plt.title('Signature temporelle NDVI')

plt.savefig('results/figure/temp\_mean\_ndvi.png')