Folder code\_orin includes code “1\_get\_timeseries\_data.ipynb” for getting VH/EVI/NDYI time series from Sentinel-1 and Sentinel-2 images, “2\_smooth\_timeseries\_data.ipynb” for extracting the transplanting and harvest dates from smoothed VH/EVI/NDYI time series data, and “3\_spatil\_temporl\_integration.ipynb” for spatial and temporal integration of detected transplanting and harvest dates. The first two Colaboratory scripts are for producing detected transplanting and harvest dates, and the last script is for spatio-temporal integration before rice calendar production. These scripts are used in the manuscript “Monsoon Asia Rice Calendar: a gridded rice calendar in monsoon Asia based on Sentinel-1 and Sentinel-2 images” submitted to *Earth System Science Data*. “3\_spatil\_temporl\_integration” does not directly produce the final rice calendar because it depends on the type of rice calendar you want to present: a group-based rice calendar or a cropping-based rice calendar, as well as removing abnormal days caused by the other crops.