The Columns of each file represents the epiweek. Use the epi week to match with the epiweek of the satellite images.

You can use this function to get the epiweek from the image name of a satellite image:

# Import epiweeks:

from epiweeks import Week

# Function:

def get\_epiweek(image\_name):

date = image\_name.split('-')

# Get year as int

year = ''.join(filter(str.isdigit, date[0]))

year = int(year)

# Get month as int

month = ''.join(filter(str.isdigit, date[1]))

month = int(month)

# Get day as int

day = ''.join(filter(str.isdigit, date[2]))

day = int(day)

# Get epiweek:

date = convert\_to\_date(year, month, day)

epiweek = str(Week.fromdate(date))

epiweek = int(epiweek)

return epiweek

The file “*multiclass\_classification.csv*” was generated from “*Label\_CSV\_All\_Municipality.csv*” using the column “*final\_cases\_label”*. The meaning of each label is:

* Stable = 0
* Increased = 1
* Decreased = 2