

Social Sensing
(Flickr, Instagram,
AllTrails, etc.)

US West 500m grid

MTBS,
CFRI/CALFIRE
perimeters

Variables for
matching

intersect

Filtered
recreation
grid

fire scenario

intersect

Rx

Wildfire

Rx/Wildfire

No fire

Sample covariates

match

EPA surfacePM_{2.5}

NOAA HMS

sample

extract

Input data

