Alternative

SDO (satalite)

Two instruments

AIA

HMI

Sharp data series

+ 9 UV image patches

+ magnetic field images
+ dopplergram images

Provides bounding box

+ 16 magnetic features from the maps

features

MVTS

time

mvts4swa

Use functions to calculate 9 higher order magnetic parameters

Instrument /Dataset	Channel / Feature
AIA	94, 131, 171, 193, 211, 304, 335, 1600, 1700
HMI	M_45s, V_45s
HMI-SHARPs	TOTUSJH, TOTPOT, TOTUSJZ, ABSNJZH, SAVNCPP, USFLUX, MEANPOT, MEANSHR, SHRGT45, MEANGAM, MEANGBT, MEANGBZ, MEANGBH, MEANJZH, MEANJZD, MEANALP
HMI-SWAN	TOTBSQ, TOTFZ, EPSZ, TOTFY, TOTFX, EPSY, EPSX, R_VALUE, XR_MAX