

## Getting Started

The beta-version of SWFT\_v5 is currently delivered in a .zip file which contains three subfolders:

- SWFTData
- Script
- Runs

SWFTData folder contains 12 .mat files for quality-controlled space weather data collection from 2003-2014. The content of these files will be discussed in detail in the user's manual of SWFT. The Script folder contains the Matlab scripts for SWFT\_v5. The Runs folder contains examples datasets for developing a solar-wind forecast model. We also recommend users of SWFT to save their forecast exercise datasets in a separate folder than SWFTData and Script folders.

The minimum requirements for using SWFT\_v5 is to have Matlab R2019b installed with machine learning toolbox. Older version of Matlab may also work, however, the current code was tested under Matlab R2019b.

Once the .zip file is expanded, a user must start Matlab and add the Script subfolder into the Matlab command search path. A global variable, 'SWFTData\_Path' should be set to be the path of the subfolder SWFTData. These set-up steps can also be easily done by first set the current directory to be the top folder for SWFT\_v5. Then at the command line, type

```
>> addpath([pwd,filesep,'Script']);  
>> global SWFTData_Path  
>> SWFTData_Path=[pwd,filesep,'SWFTData'];
```

Following these steps, a user can start SWFT by typing

```
>> SWFT_v5
```

This command would start the graphic user interface for SWFT.