

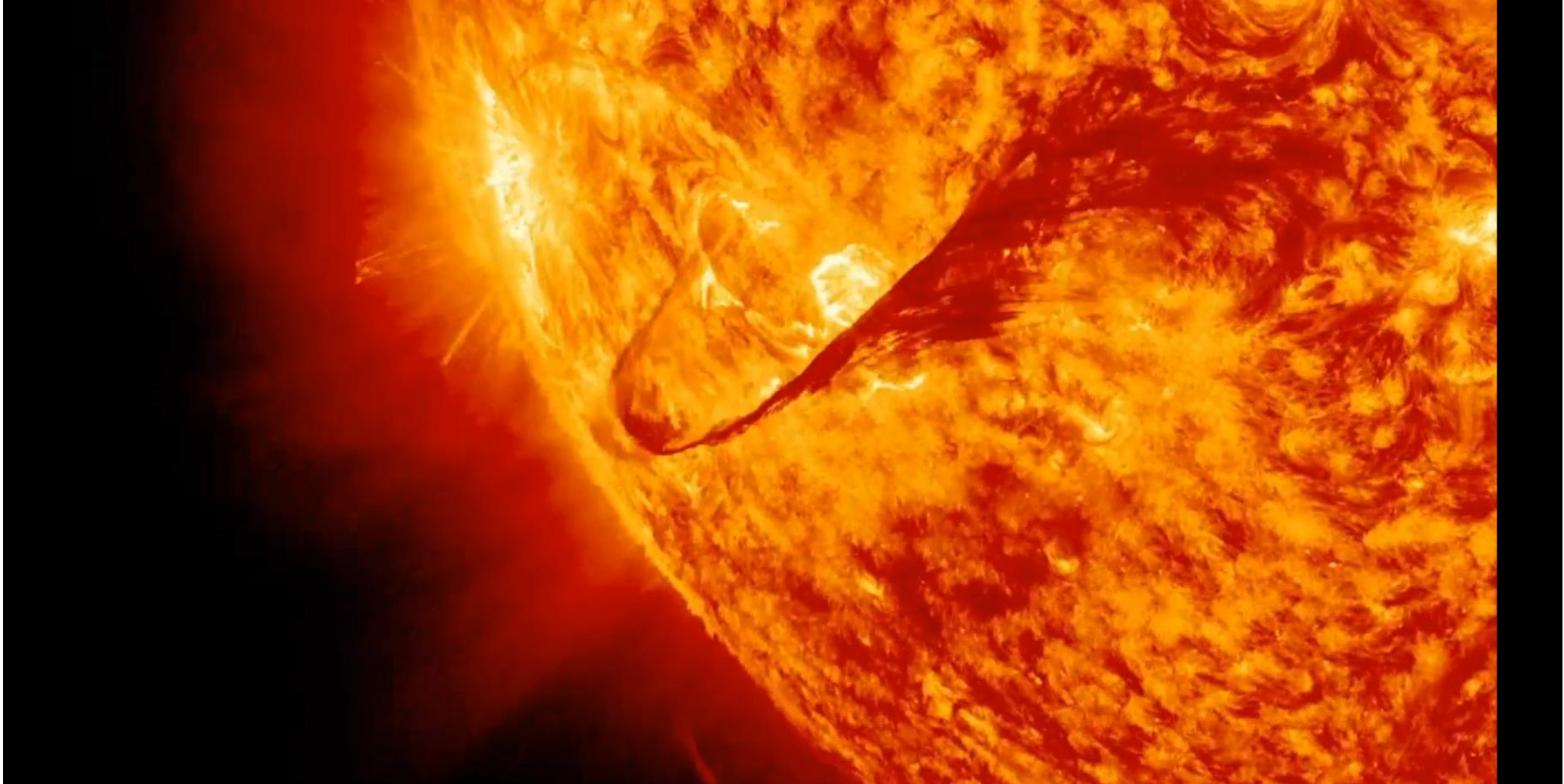


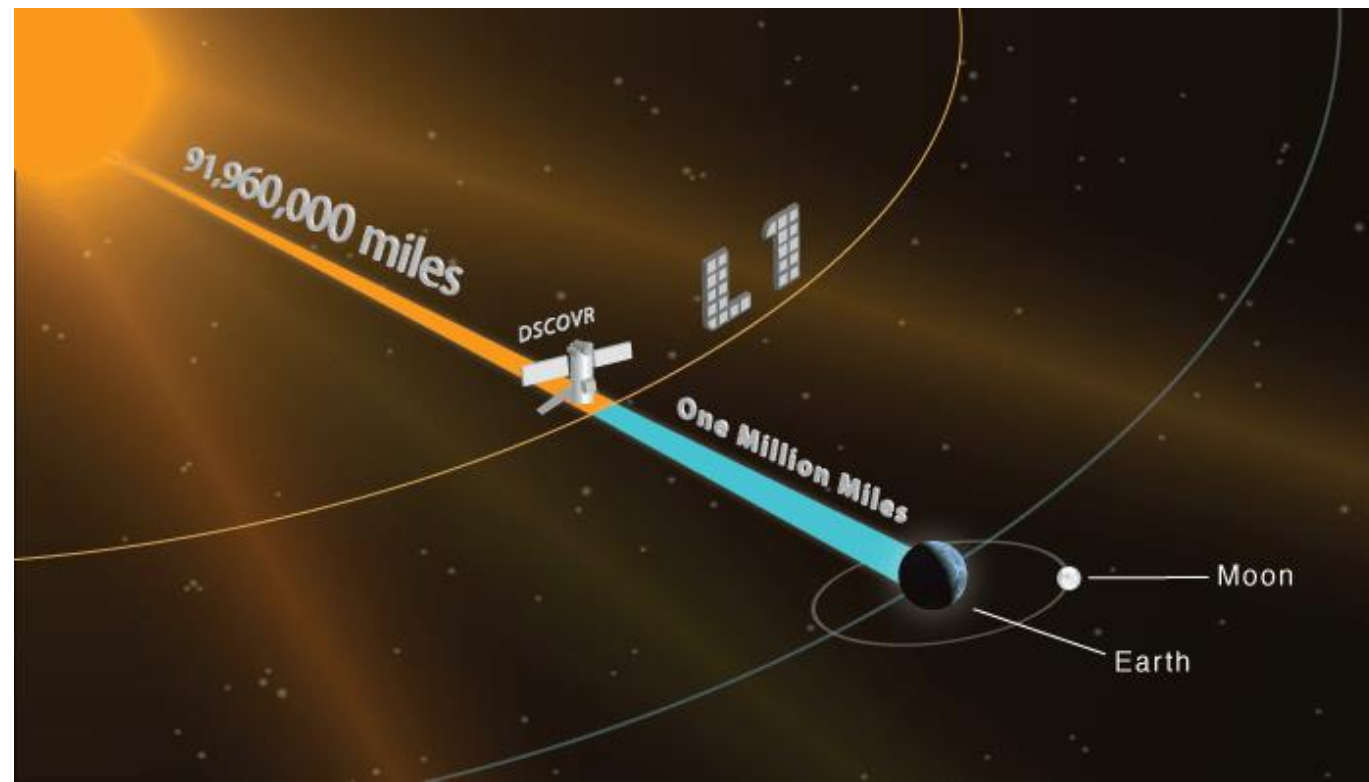
SAVE THE EARTH FROM ANOTHER CARRINGTON EVENT

Plasma Beaters

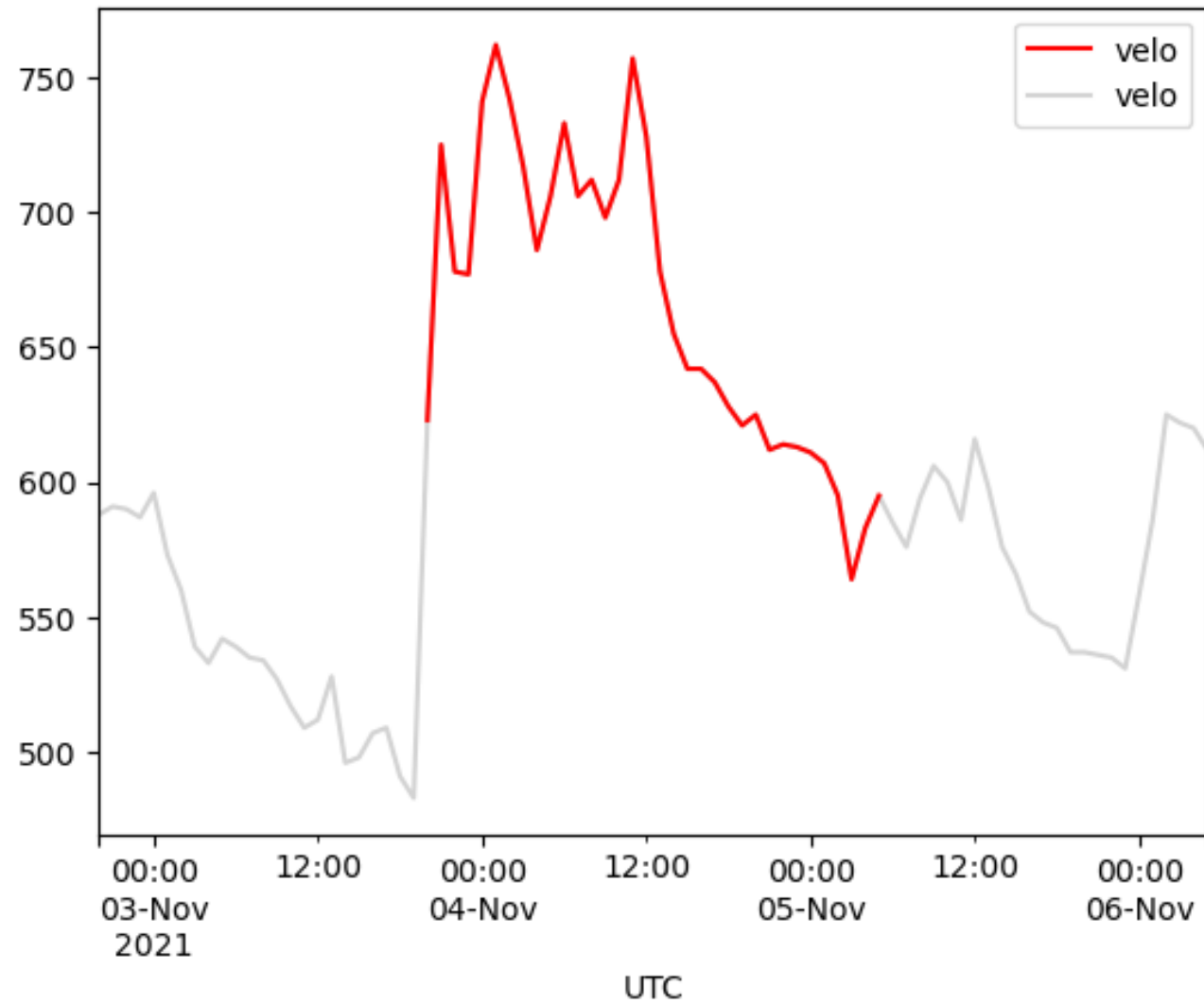
Manohar Teja Kalluri, William Beckwith Chandler, Harvey South, Matthew Spurrier

Coronal Mass Ejection





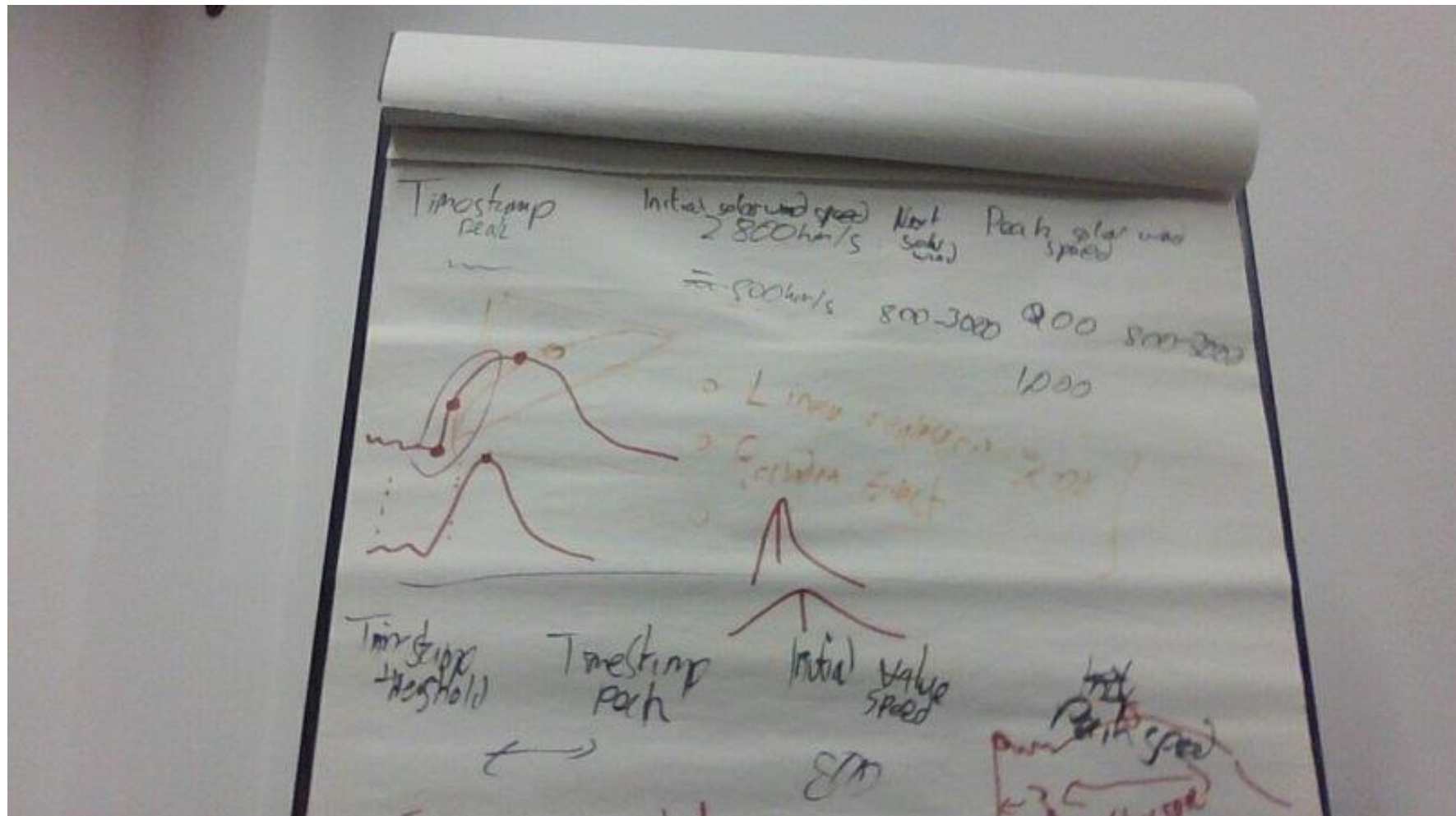
CME



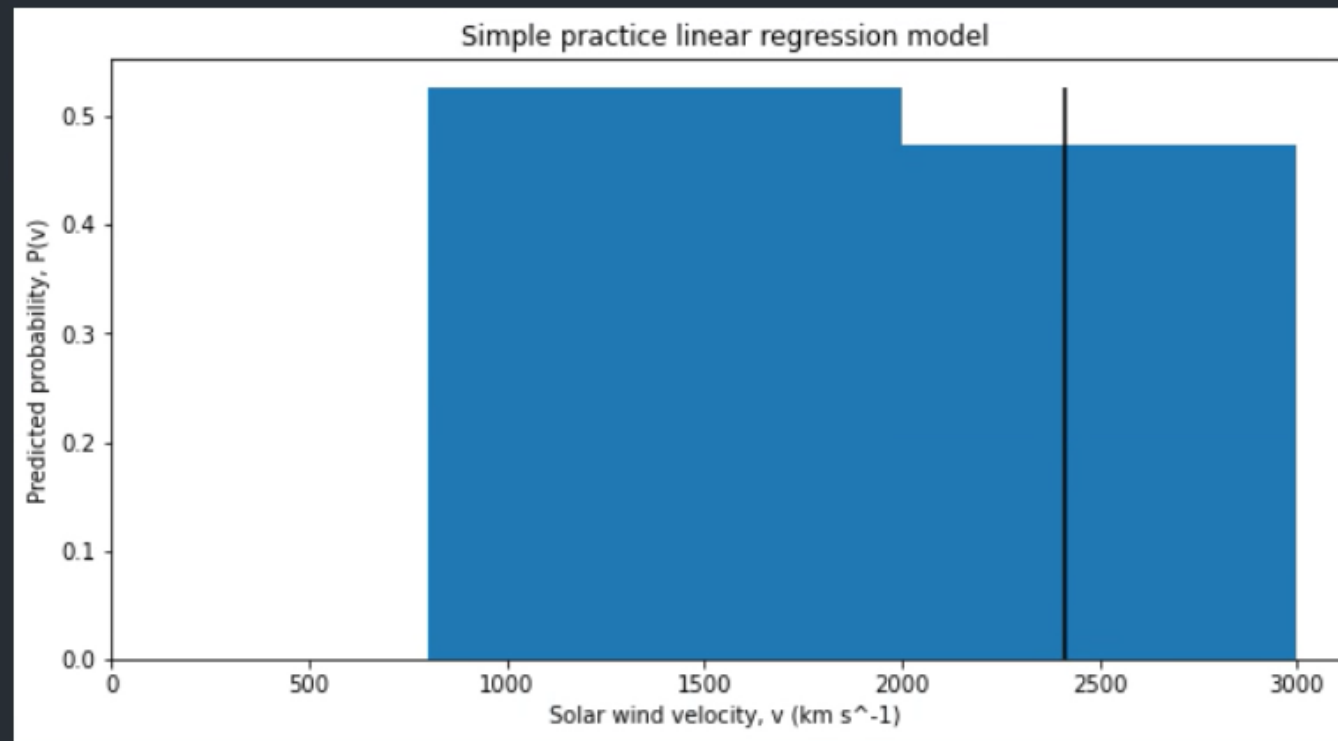
Predicting the future events:

- Use the past data for CME events to predict future CME events using Machine Learning

ML Task



ML Linear Regression



	0	1	2
0		Actually over	Actually under
1	Predicted over	142	46
2	Predicted under	77	235

ML Test

