

Summary of results

Results:

cme_longitude:	268.08 +/- 6.41
cme_latitude:	3.04 +/- 4.72
cme_inclination:	338.65 +/- 5.24
cme_diameter_1au:	0.31 +/- 0.03
cme_aspect_ratio:	1.38 +/- 0.28
cme_launch_radius:	7.67 +/- 1.05
cme_launch_velocity:	447.55 +/- 102.01
t_factor:	-251.37 +/- 29.50
cme_expansion_rate:	1.14 +/- 0.00
magnetic_decay_rate:	1.64 +/- 0.00
magnetic_field_strength_1au:	9.19 +/- 1.18
background_drag:	1.59 +/- 0.74
background_velocity:	472.32 +/- 140.19

Parameters for run with min(eps):

```
--cme_longitude 271.68
--cme_latitude 1.97
--cme_inclination 337.14
--cme_diameter_1au 0.33
--cme_aspect_ratio 1.14
--cme_launch_radius 6.68
--cme_launch_velocity 515.06
--t_factor -205.15
--cme_expansion_rate 1.14
--magnetic_decay_rate 1.64
--magnetic_field_strength_1au 9.53
--background_drag 2.71
--background_velocity 341.29
```

Fitting points: ['06/02/2022, 12:00:00', '06/02/2022, 13:00:00',
'06/02/2022, 13:30:00', '06/02/2022, 14:00:00']