29/5/2015

(1)

What I have done is

20 minutes in
- Ran a loop over the whole testfile
- Calculated Ra, Dec } Median values & Residual values — for each object in Testfile.

- check how long does the enumerate loop take alongwith above.

↳ what this loop does is

- loop all breakpoints in mjd values
- check for the given object (in the above loop)
- which Residual Ra values belong to which Epoch (bin of mjd)
- Collect them all together

epoch1 [— — .]
epoch2 [ ]
3 [.]

so that you can calculate median epochwise later after the loop ends — thats just one command then

- if this takes too long,
then remove this extra for loop for mjds
and put it outside — make another function.
create a boolean expression for selecting mjds epochwise directly from the testfile like

indx = (testfile['mjd'] > 55600) & (testfile[ ] < 55 . .)

ΔRA_{2009} = np.median (Residual [indx])

since mjds ΔRA have the same length
[ ] [ ] correspond to same rows!