

$\Delta RA_i^k \rightarrow \text{obj id}$

$$\Delta RA^{\text{epoch}} = \text{med}(\Delta RA_i^{\text{epoch}})$$
$$\Delta RA^k = \text{med}(\Delta RA_i^k)$$

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⑤

$$RA_{\text{new},i}^k = RA_i^k - \Delta RA_i^k$$

$$RA_{\text{new}}^k = \text{median}(RA_{\text{new},i}^k)$$

create an array RA_{new} = same # rows as test file.

$$\underbrace{RA_{\text{new}}[IND]}_{\text{in epoch}} = \text{Test file}[RA][IND] - \Delta RA^{\text{epoch}}$$

$$\underbrace{RA_{\text{final}}}_{\text{for each obj}} = \text{N.P. Median} (\quad)$$

- for each obj
- run the for loop again.