

Astropy Release v 3.1

How well did we do?

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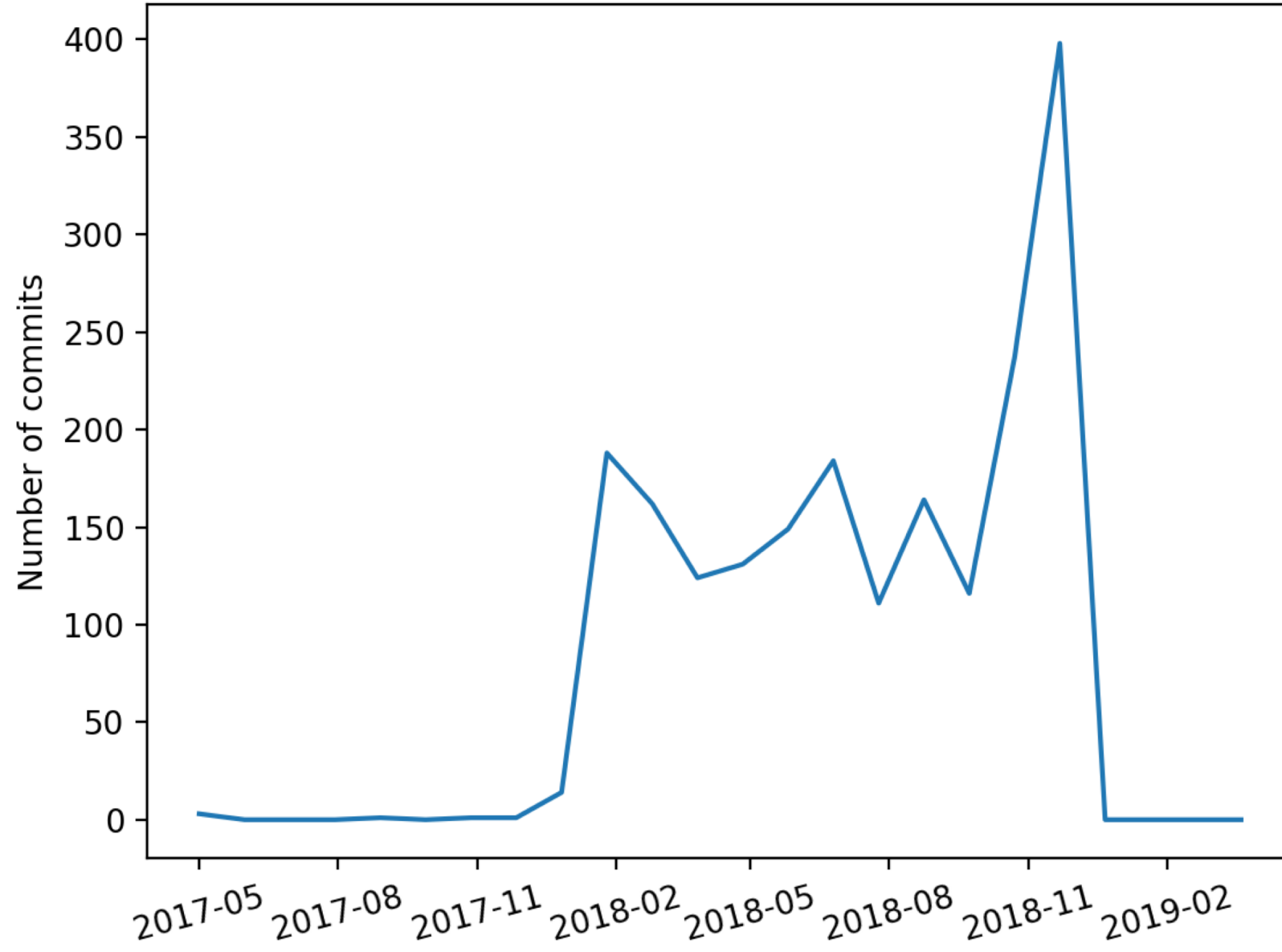
Astropy Coordination Meeting, Tucson, 2018

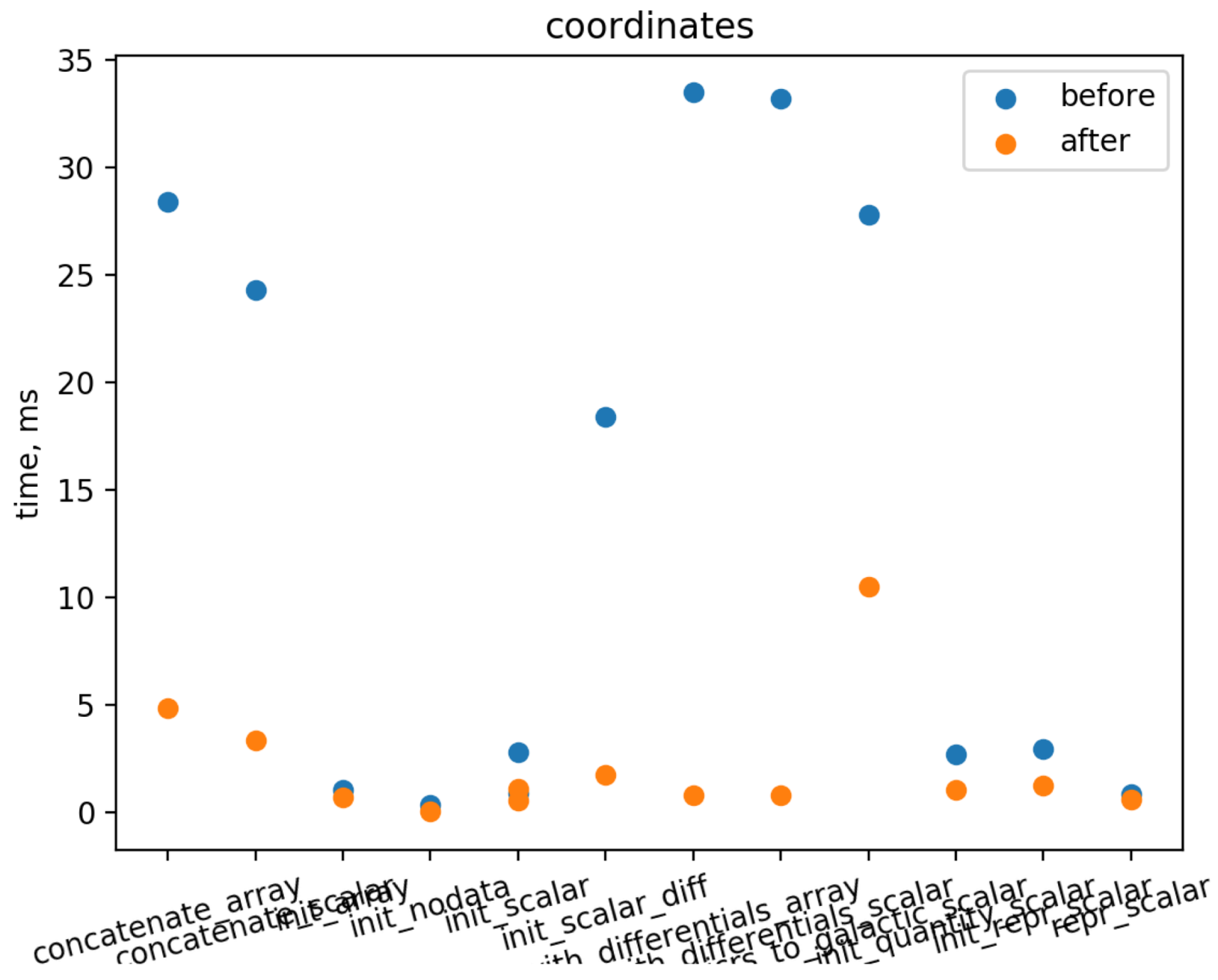
- The Astropy coordination meeting in 2017 decided the v3.1 release should focus on performance improvements and documentation.
- A survey was sent out to the dev mailing list to ask which packages need improvement. Results from the survey

<https://docs.google.com/spreadsheets/d/1rUeb181F4NGhL2w4yQehKeoGHRoM2Ha0T4sImGFTFhc/edit#gid=917078924>

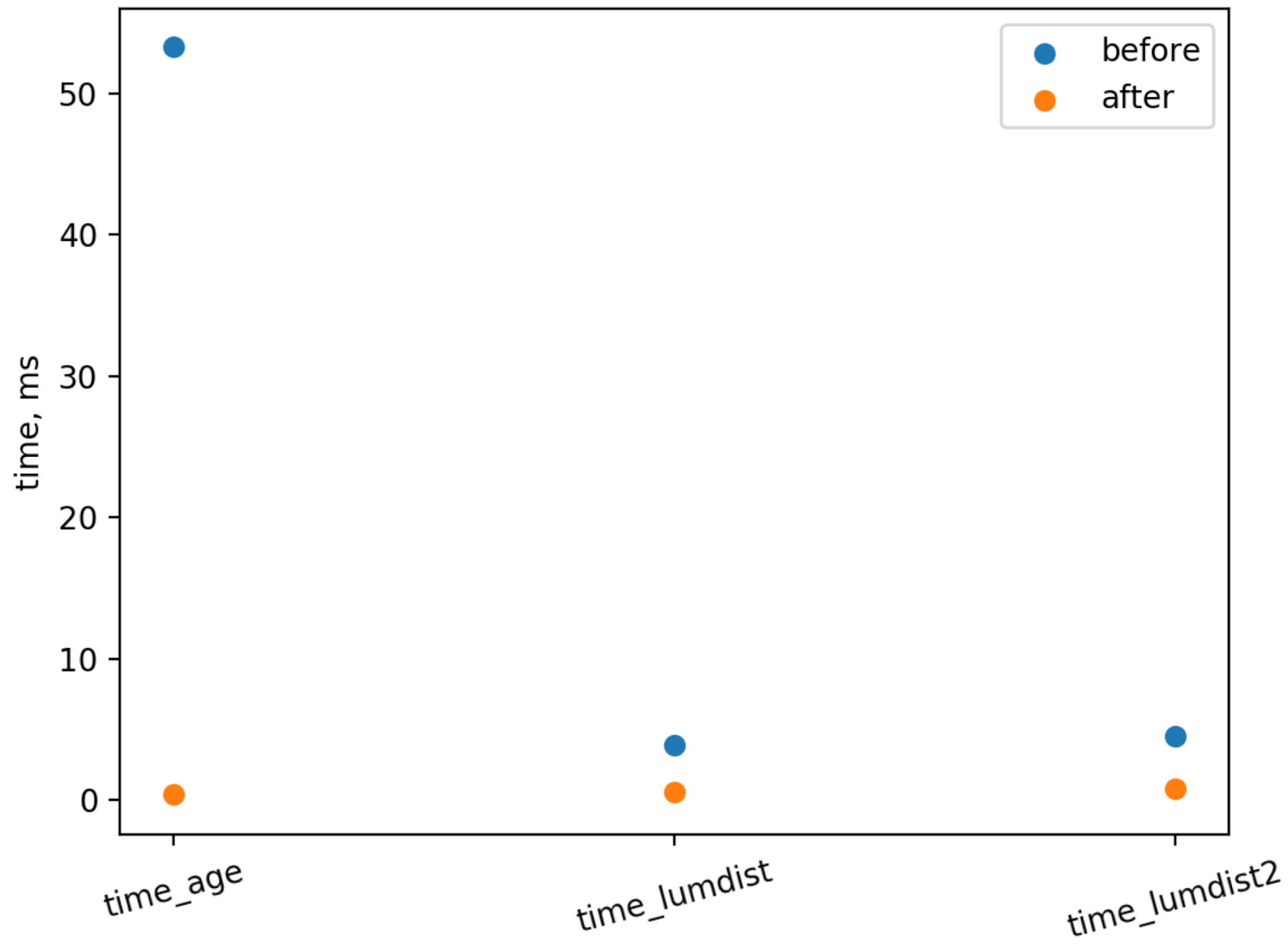
Astropy v 3.1

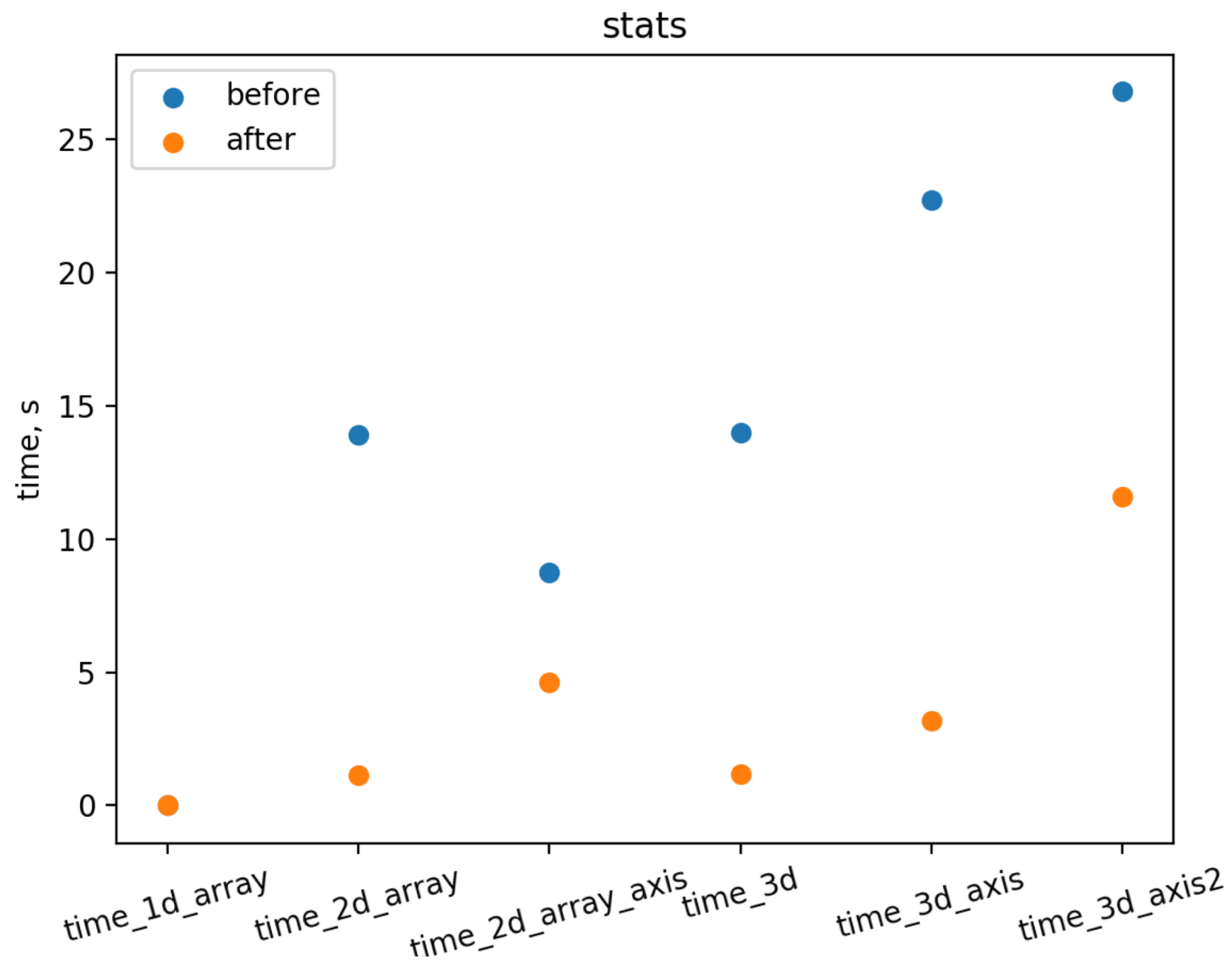
- 250 PRs
- 34 performance PRs
- 107 contributors, ~60 first time



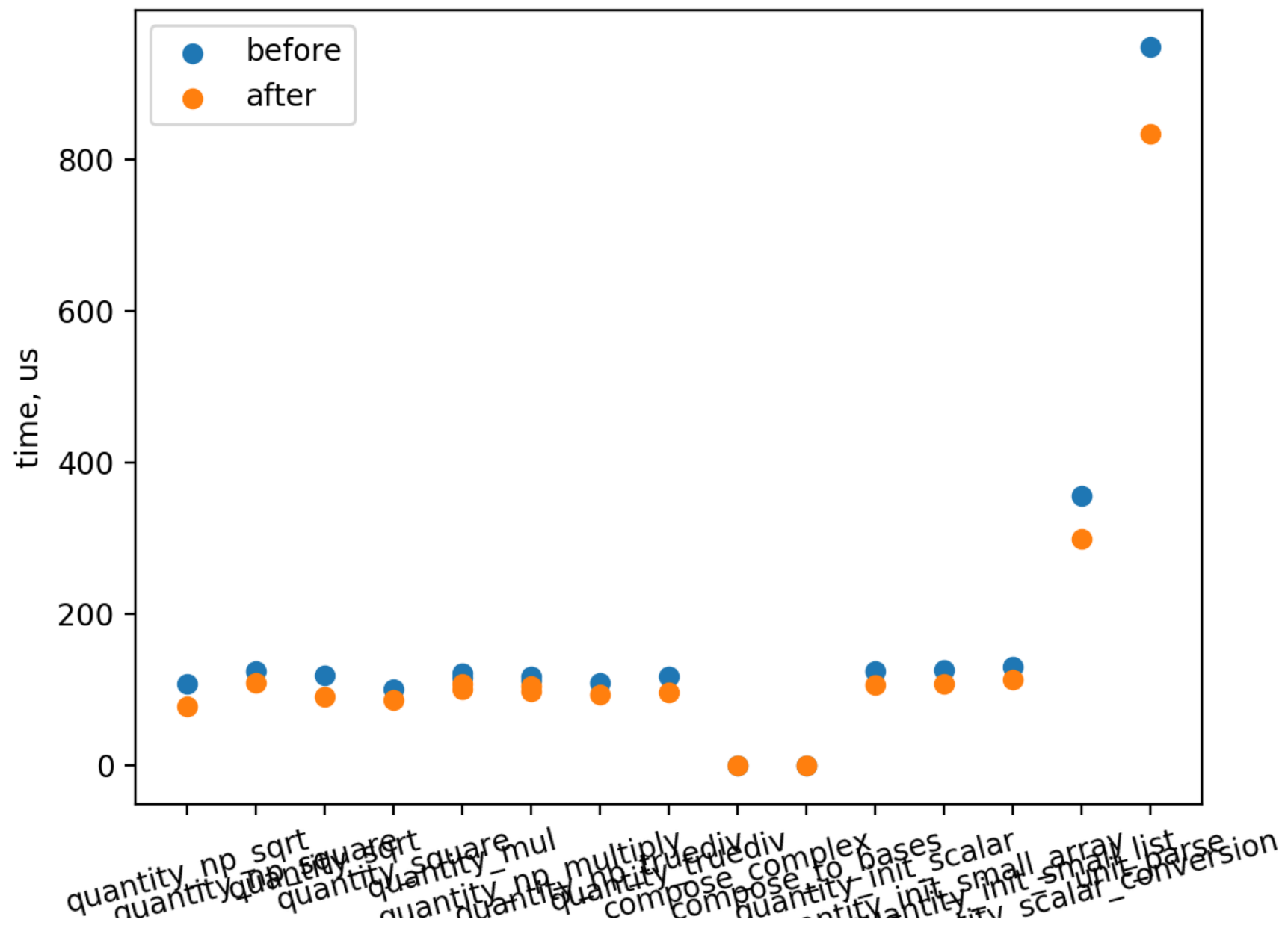


cosmology

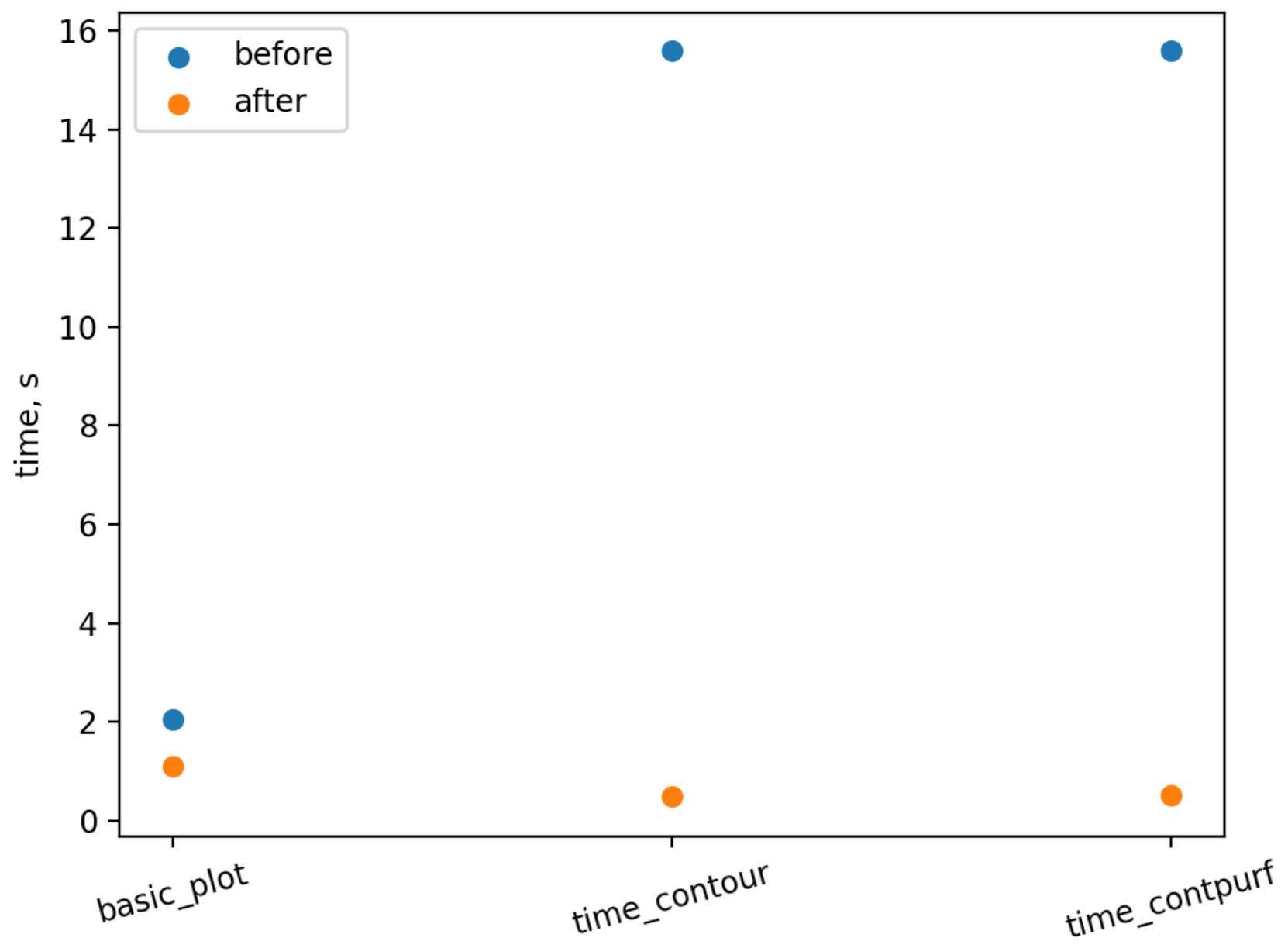




units



visualization



- io.ascii, modeling, table, io.fits
had specific responses in the survey but no action
- some benchmarks show worse results in 3.1
- need more benchmarks
- Full results from ASV

<https://gist.github.com/astrofrog/2f5bc76b43e95ed87a9f17ccabad7eed>