21 responses

Accepting responses

Summary   Question   Individual

Name (you can remain anonymous if you prefer)

10 responses

Marianne Lemoine

Donggeun Tak

Nilay Bhatt

Santiago

Judit Pérez-Romero

Thierry Stolarczyk

Chaitanya Priyadarshi

Karl Kosack
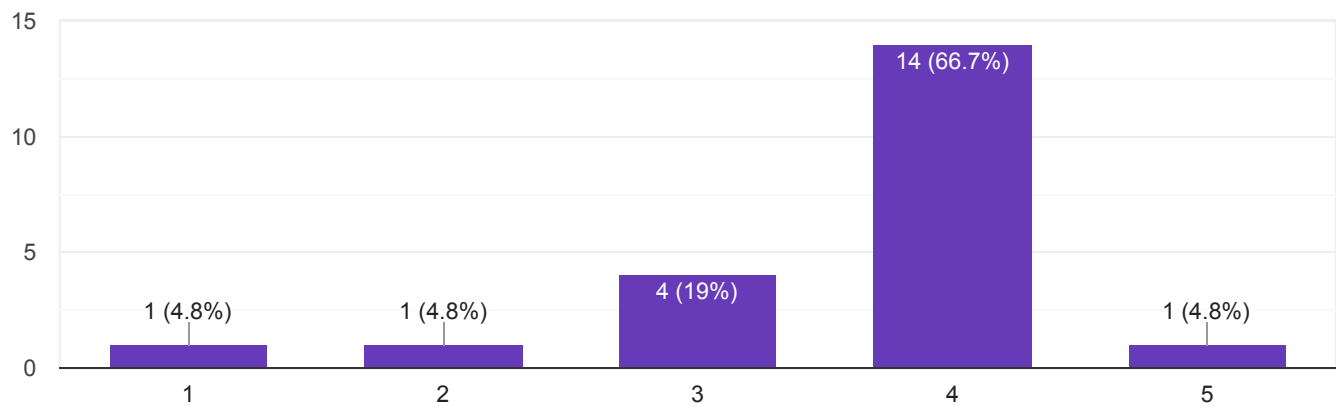
Manuel Meyer

email (optional)

10 responses

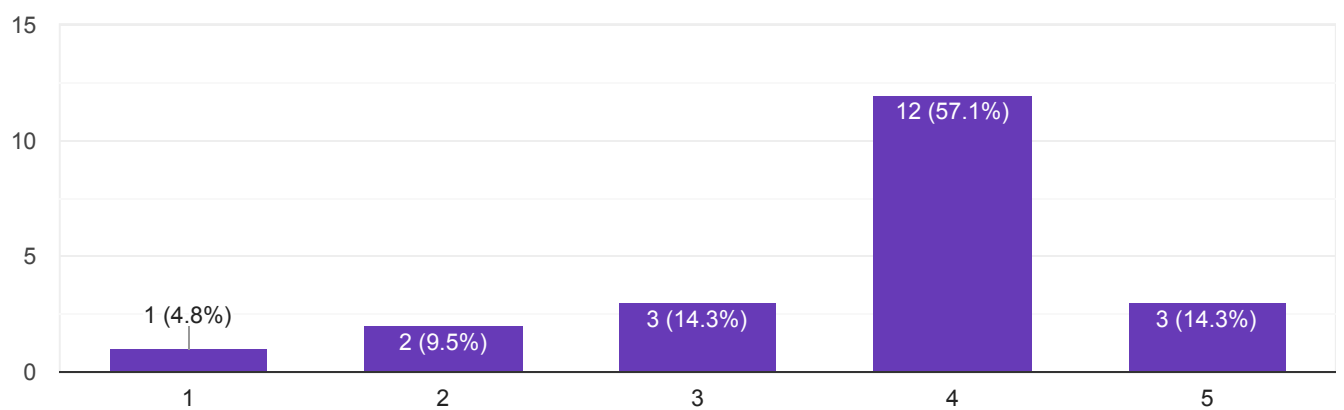## How would you rate your familiarity with Cherenkov Astronomy?

21 responses
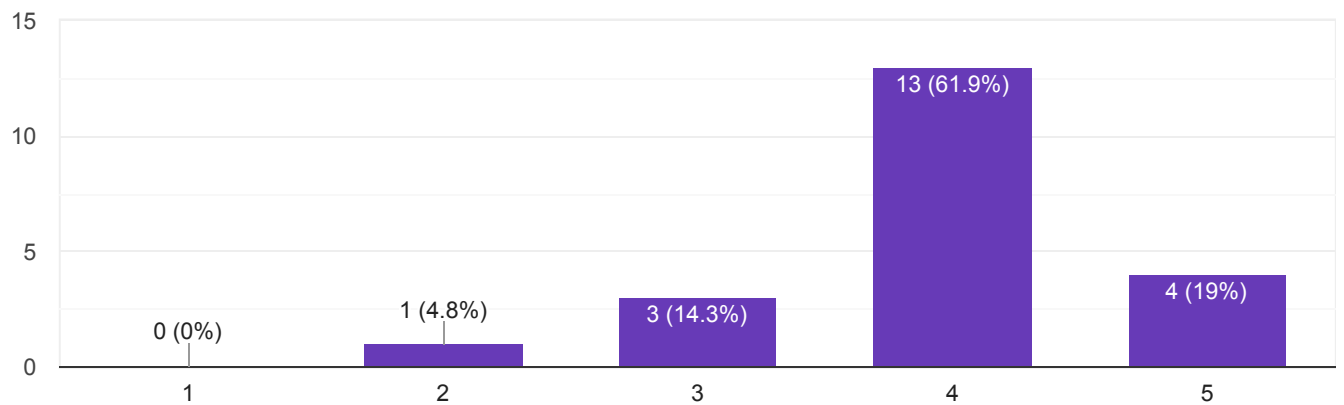
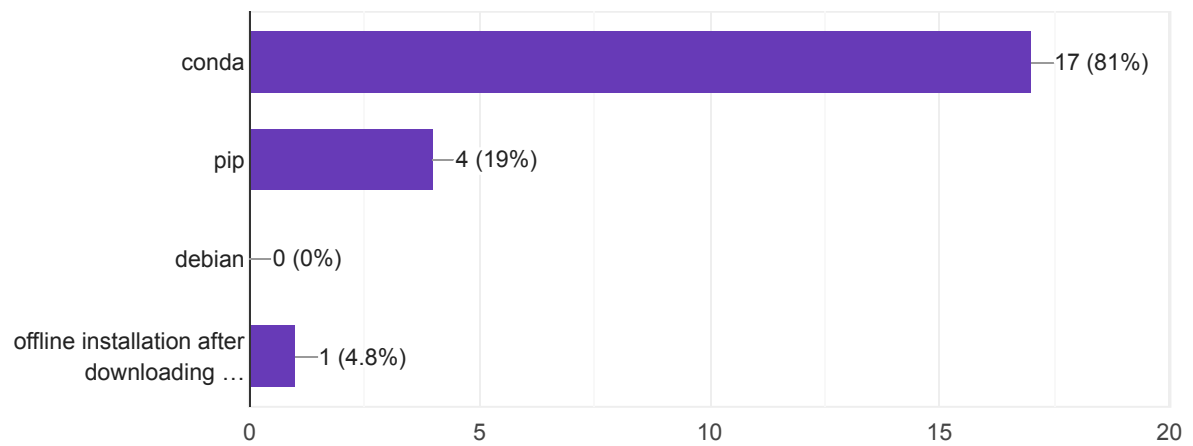## How would you rate your familiarity with python?

21 responses

How would you rate your familiarity with the scientific Python ecosystem such as Astropy / Numpy / Scipy?

21 responses

How did you install gammapy?

21 responses

Option	Count
conda	17 (81%)
pip	4 (19%)
debian	0 (0%)
offline installation after downloading …	1 (4.8%)

What platforms do you use?

21 responses

Option	Count
Linux	16 (76.2%)
Windows	2 (9.5%)
Mac	10 (47.6%)
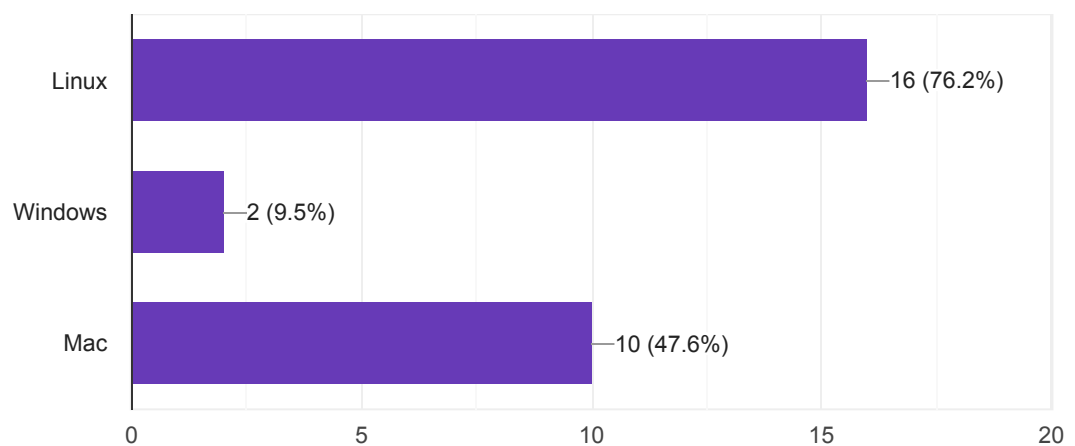
Where do you run gammapy?

21 responses

Category	Value
consumer type laptop	16 (76.2%)
multicore desktop	4 (19%)
clusters	10 (47.6%)
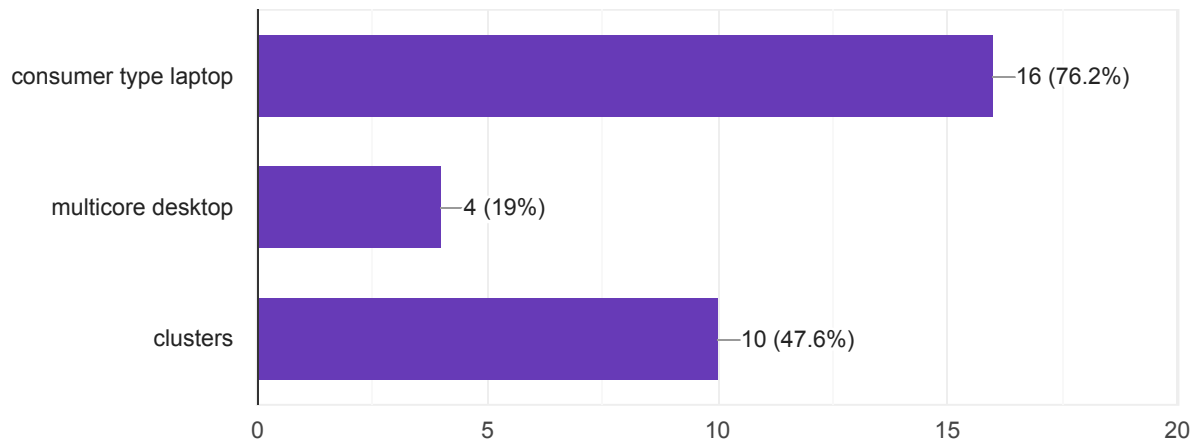
What do you use gammapy for?

21 responses

Category	Value
Data reduction and fitting	17 (81%)
Simulations	11 (52.4%)
multi-instrument modeling and fitting	4 (19%)
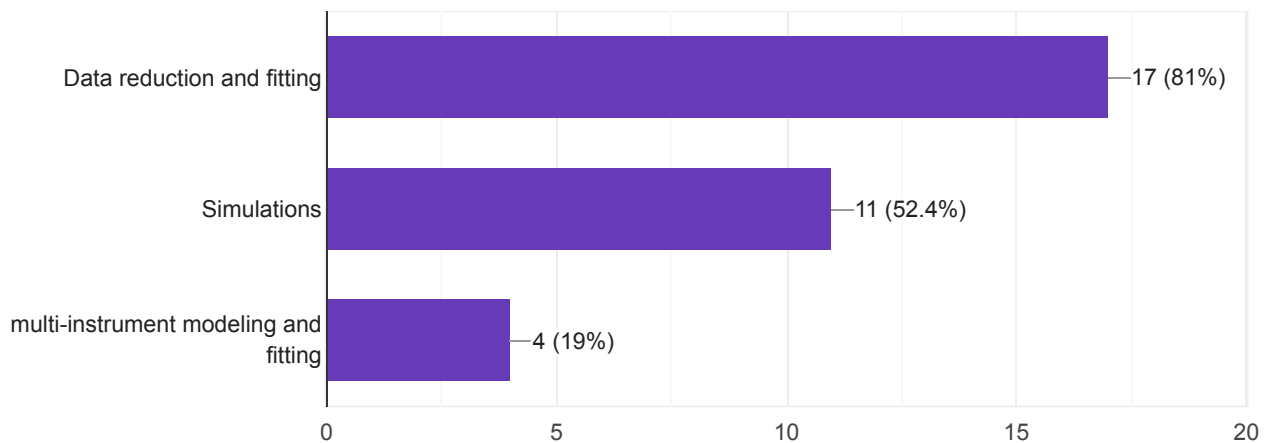
How do you use gammapy?

21 responses

Mostly with the high level interface	3 (14.3%)
Mostly through my scripts/notebooks usi…	18 (85.7%)
Only specific sub-packages: gammapy.irf…	6 (28.6%)
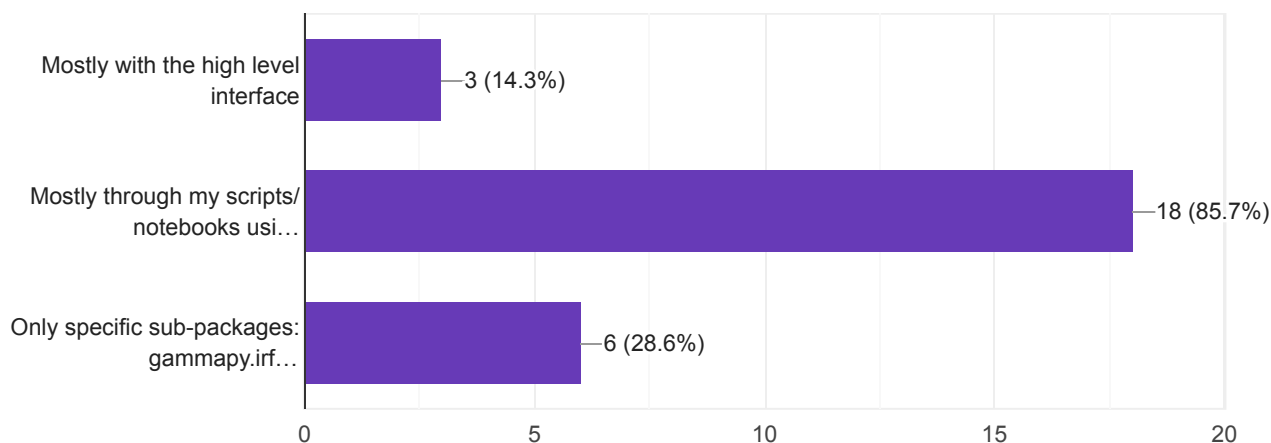
What analysis do you perform with gammapy?

21 responses

3D fitting for extended and diffuse emi…	10 (47.6%)
3D fitting for catalog extraction	2 (9.5%)
Point source analysis - spectra	15 (71.4%)
Point source analysis - light curves	8 (38.1%)
	7 (33.3%)
Population studies	3 (14.3%)
Dark matter studies	4 (19%)
light curve simulation	1 (4.8%)
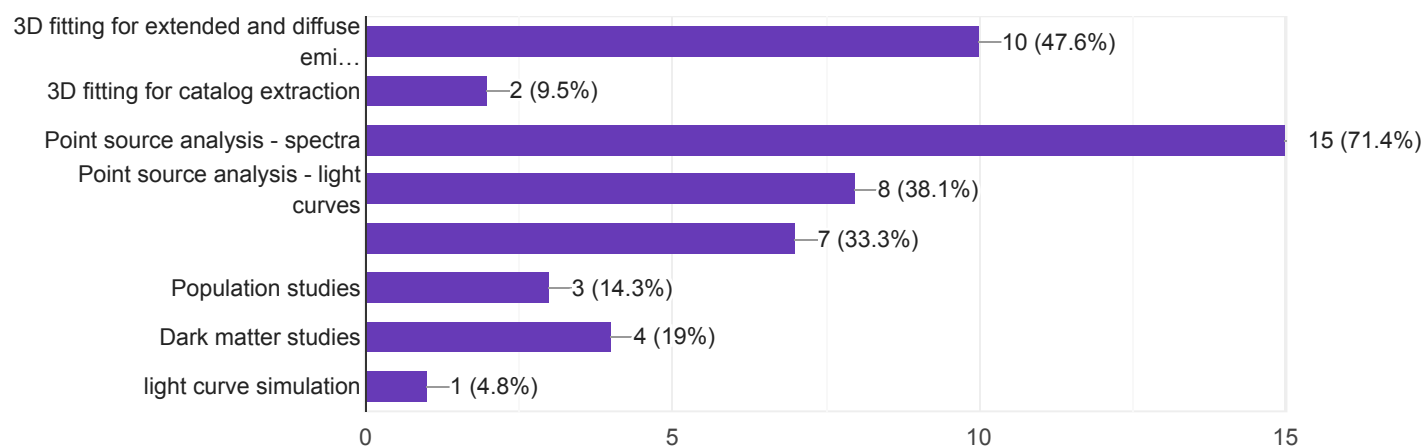
Which version of gammapy are you using?

20 responses

- v0.14 or before
- v0.15
- v0.16
- v0.17
- v0.18.1

45%
45%
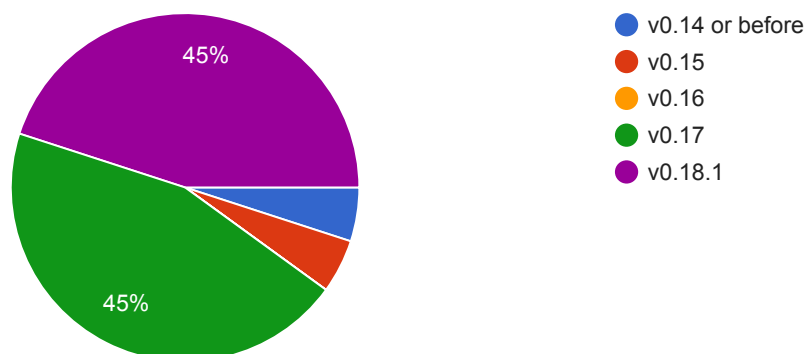
Do you plan to update to the latest stable version 0.18.2?

20 responses

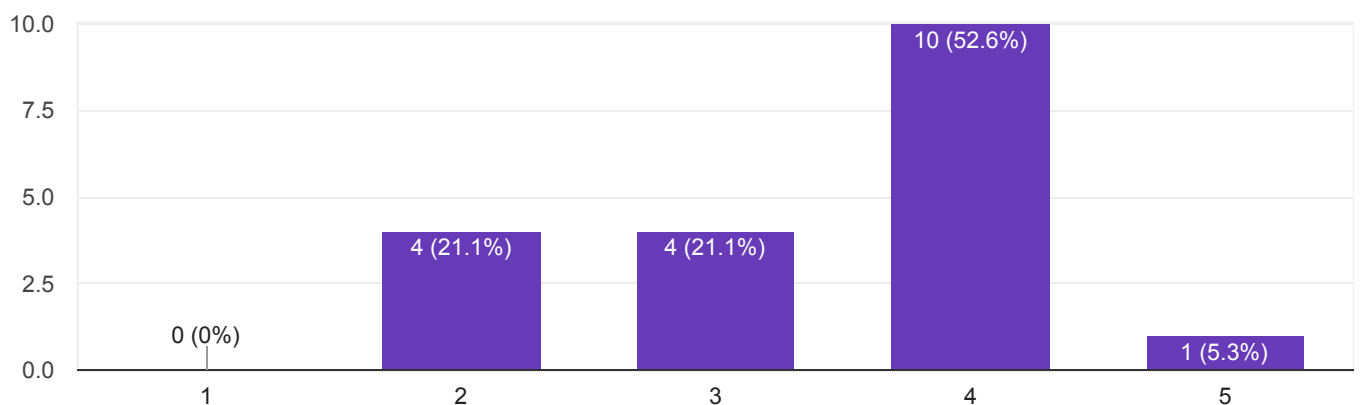- Yes
- No (please comment)
- Maybe

85%

15%
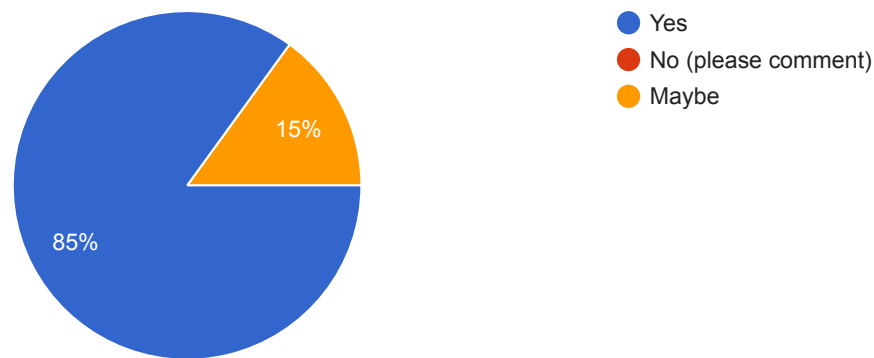
If you answered No to the above question, please let us know why.
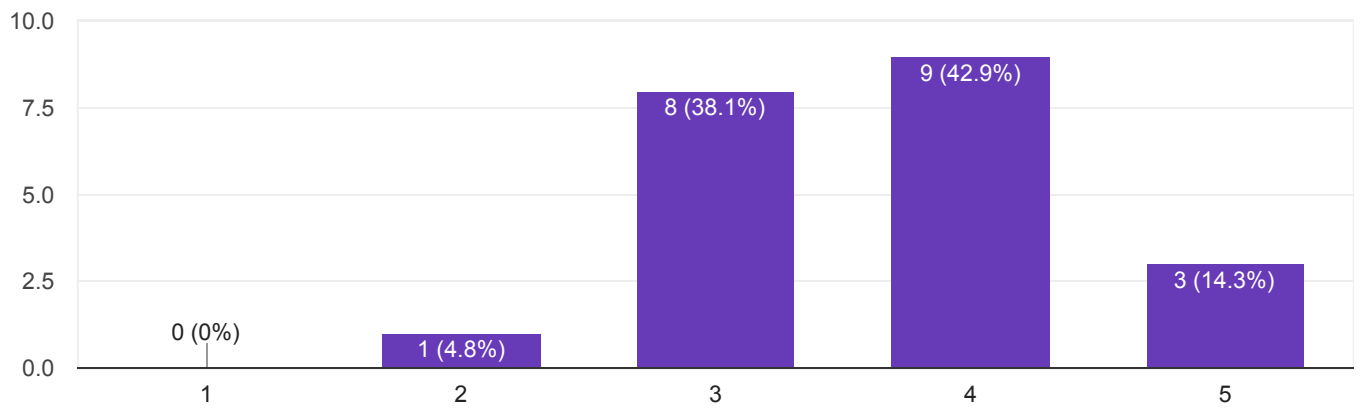
1 response

I am worried about backward compatibilities

The following questions relate to the Gammapy API and the documentations. Is the Gammapy API easy to follow?

19 responses

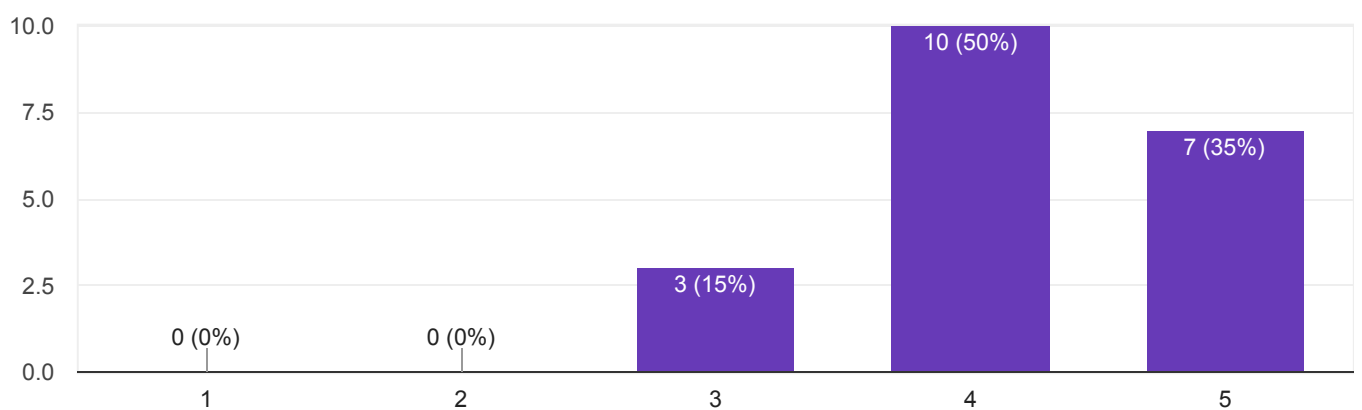|	
1	0 (0%)
2	4 (21.1%)
3	4 (21.1%)
4	10 (52.6%)
5	1 (5.3%)

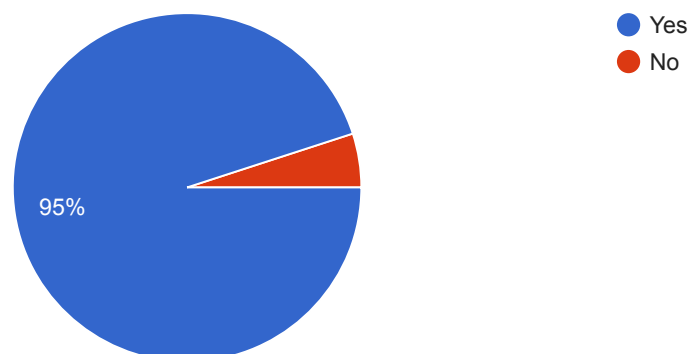## How would you rate the gammapy documentation

21 responses

How would you rate the tutorials?

20 responses

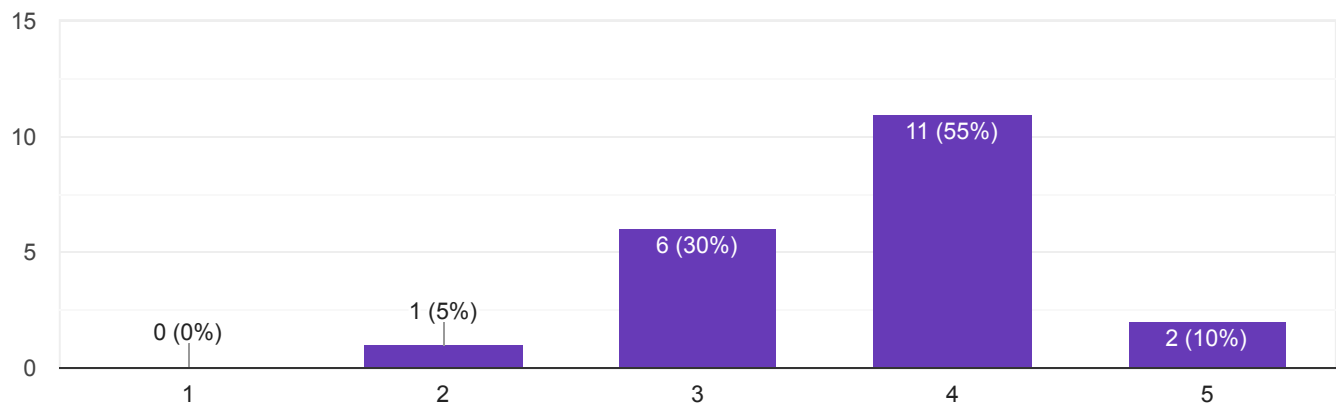## Do you use the docs page to refer to details beyond the tutorials?

20 responses

- ● Yes
- ● No

95%

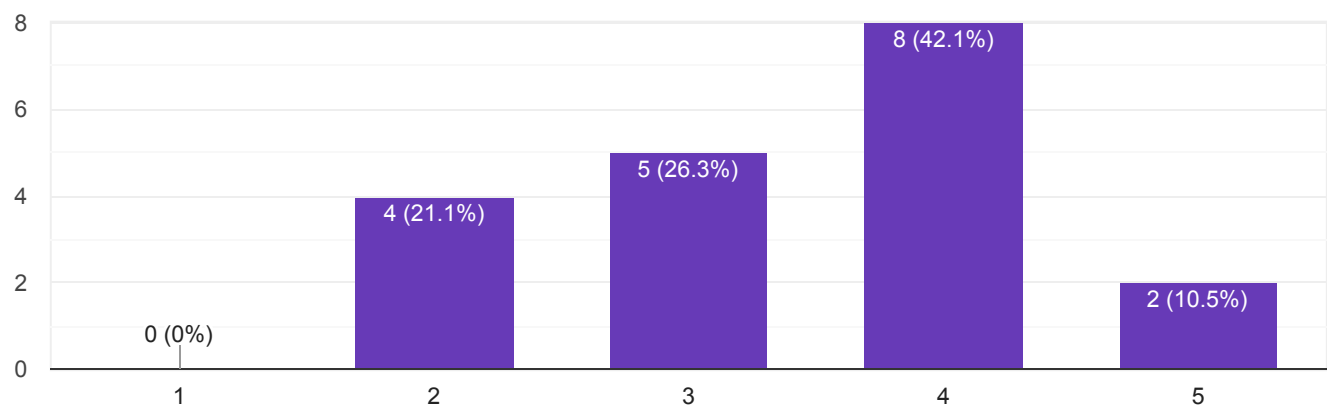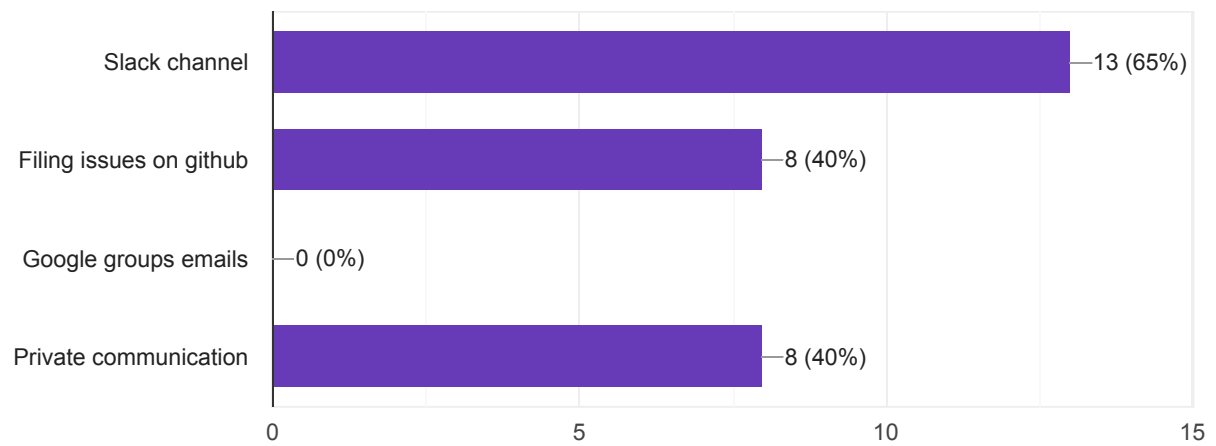## How easy is it to find what you are looking for?

20 responses

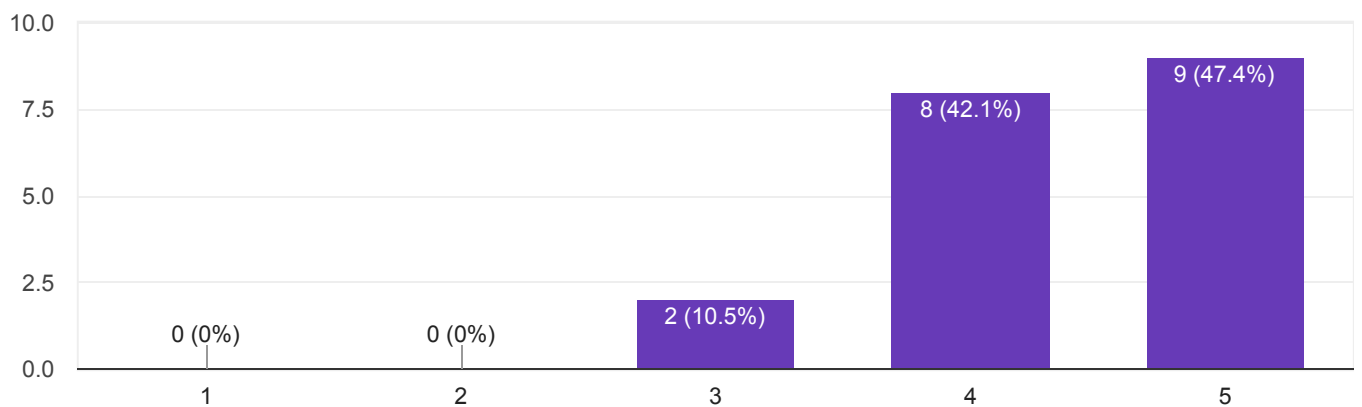## Are the underlying statistical techniques/ analysis methods transparent?

19 responses

What is your preferred interaction channel for the difficulties you encounter

20 responses

Slack channel	13 (65%)
Filing issues on github	8 (40%)
Google groups emails	0 (0%)
Private communication	8 (40%)

Are the said issues addressed to your satisfaction?

19 responses

1: 0 (0%)
2: 0 (0%)
3: 2 (10.5%)
4: 8 (42.1%)
5: 9 (47.4%)

Finally, would you be interested in publishing your analysis notebooks as online material?

16 responses

- Yes — 25%
- Yes, but I do not know how/where — 50%
- No — 25%
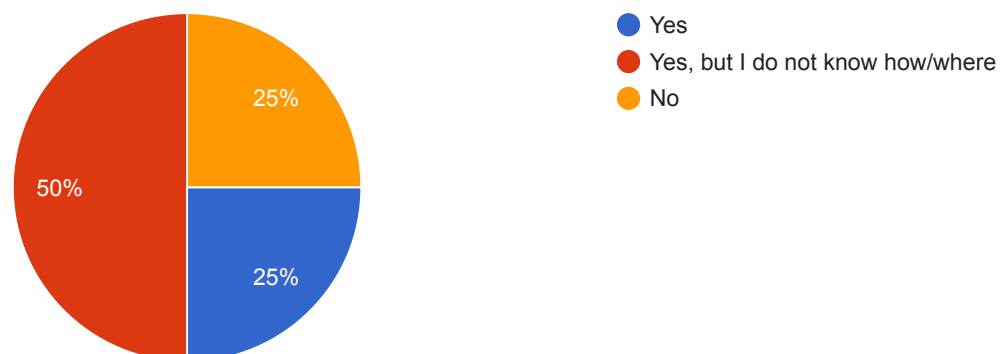
Any further comments? Please let us know what you like/dislike about gammapy any missing features, unclear documentation, or your suggestions.

7 responses

The documentation on how to handle models and sources in the models is much too short. How one can remove a source and change the respective parameters is not described into details.

due to the API changes it is very hard to keep updating my scripts

Gammapy organization and logic is a bit complicate to understand at the start, but very efficient when you understand it. Maybe some documentation page dedicated to explain these aspects could be useful.

I found that some documentations were not explicit enough and led me to enter the code to better understand what it does, but I guess this is progressing; Also it is clear that some use case/functions which are not implemented require deeper understanding and a look to the code (e.g. safe mask for an explicit energy range rather than a fraction of the maximum effective area).

For a beginner in Gammapy, the first days/weeks are tough, with a slow learning curve (as I experienced it). Maybe it will be useful to explain in one of the main page of the documentation the building piece of Gammapy, and what it is concretely. For example a single page that would do a recap and present an overview of what is a Datastore, a MapDataset, a geometry, fluxpoint, etc. How are treated the IRF, etc. And thanks for your hard work!